

Data File : VX008820.D
Acq On : 10 Apr 2019 21:22
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Apr 11 05:51:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	162766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	271082	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110212	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116509	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
35) Dibromofluoromethane	5.49	113	85719	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	8.71	98	347218	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.13	95	123455	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	74916	39.986	ug/l	100
3) Chloromethane	1.32	50	106288	46.160	ug/l	99
4) Vinyl Chloride	1.40	62	105107	41.500	ug/l	98
5) Bromomethane	1.64	94	58121	46.713	ug/l	99
6) Chloroethane	1.71	64	62101	44.568	ug/l	98
7) Trichlorofluoromethane	1.92	101	120699	43.111	ug/l	99
8) Diethyl Ether	2.19	74	57664	43.432	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78746	43.686	ug/l	98
10) Methyl Iodide	2.51	142	79279	48.428	ug/l	100
11) Tert butyl alcohol	3.05	59	128425	231.067	ug/l	100
12) 1,1-Dichloroethene	2.37	96	81838	43.491	ug/l	96
13) Acrolein	2.29	56	128099	464.816	ug/l	99
14) Allyl chloride	2.73	41	196088	45.520	ug/l	98
15) Acrylonitrile	3.14	53	337373	229.133	ug/l	99
16) Acetone	2.45	43	291249	212.999	ug/l	98
17) Carbon Disulfide	2.57	76	226599	41.577	ug/l	99
18) Methyl Acetate	2.77	43	157001	47.343	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	319089	47.483	ug/l	99
20) Methylene Chloride	2.85	84	100307	43.825	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	86858	42.674	ug/l	94
22) Diisopropyl ether	3.85	45	389780	46.946	ug/l	95
23) Vinyl Acetate	3.81	43	1710580	236.829	ug/l	99
24) 1,1-Dichloroethane	3.70	63	188824	45.934	ug/l	99
25) 2-Butanone	4.67	43	504250	233.322	ug/l	100
26) 2,2-Dichloropropane	4.59	77	124445	42.982	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	104526	44.667	ug/l	99
28) Bromochloromethane	5.01	49	100245	58.918	ug/l	99
29) Tetrahydrofuran	5.13	42	332457	231.771	ug/l	99
30) Chloroform	5.21	83	171438	46.693	ug/l	97
31) Cyclohexane	5.58	56	175680	42.830	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	138234	46.590	ug/l	100
36) 1,1-Dichloropropene	5.80	75	128788	43.462	ug/l	99
37) Ethyl Acetate	4.83	43	190247	48.100	ug/l	100
38) Carbon Tetrachloride	5.79	117	112608	45.915	ug/l	98

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	154227	42.133	ug/l	99
40) Benzene	6.14	78	404626	45.836	ug/l	99
41) Methacrylonitrile	5.04	41	108839	47.873	ug/l	98
42) 1,2-Dichloroethane	6.19	62	144915	45.790	ug/l	100
43) Isopropyl Acetate	6.45	43	297789	48.062	ug/l	99
44) Trichloroethene	7.21	130	93651	45.549	ug/l	100
45) 1,2-Dichloropropane	7.51	63	117122	46.484	ug/l	100
46) Dibromomethane	7.66	93	65665	44.934	ug/l	98
47) Bromodichloromethane	7.90	83	131460	47.710	ug/l	99
48) Methyl methacrylate	7.77	41	151746	48.416	ug/l	98
49) 1,4-Dioxane	7.74	88	53986	919.498	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	978072	245.221	ug/l	99
52) Toluene	8.78	92	242879	46.668	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	149784	48.529	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	166955	47.340	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	99498	47.628	ug/l	99
56) Ethyl methacrylate	9.18	69	185343	49.035	ug/l	99
57) 1,3-Dichloropropane	9.37	76	177356	47.279	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	494181	256.046	ug/l	100
59) 2-Hexanone	9.49	43	725220	233.966	ug/l	100
60) Dibromochloromethane	9.58	129	97861	49.711	ug/l	100
61) 1,2-Dibromoethane	9.67	107	101978	46.890	ug/l	99
64) Tetrachloroethene	9.34	164	83542	46.622	ug/l	98
65) Chlorobenzene	10.13	112	247732	46.208	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	89770	47.729	ug/l	99
67) Ethyl Benzene	10.25	91	462824	46.297	ug/l	100
68) m/p-Xylenes	10.36	106	332704	92.561	ug/l	99
69) o-Xylene	10.69	106	162551	46.664	ug/l	98
70) Styrene	10.71	104	285959	47.624	ug/l	100
71) Bromoform	10.85	173	70728	49.238	ug/l #	99
73) Isopropylbenzene	11.02	105	435375	47.667	ug/l	100
74) N-amyl acetate	10.90	43	253517	47.178	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	156135	44.948	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	188307	62.196	ug/l	80
77) Bromobenzene	11.26	156	104767	47.714	ug/l	98
78) n-propylbenzene	11.36	91	501440	47.150	ug/l	100
79) 2-Chlorotoluene	11.42	91	295432	45.905	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	362599	47.294	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51933	47.283	ug/l	98
82) 4-Chlorotoluene	11.51	91	341556	45.849	ug/l	98
83) tert-Butylbenzene	11.77	119	347726	47.142	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	367298	47.313	ug/l	100
85) sec-Butylbenzene	11.94	105	415158	47.384	ug/l	99
86) p-Isopropyltoluene	12.06	119	374428	47.614	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	182193	46.350	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	181517	45.602	ug/l	99
89) n-Butylbenzene	12.38	91	347574	47.130	ug/l	100
90) Hexachloroethane	12.60	117	62816	48.161	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	179938	46.104	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34846	45.602	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041019\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	124474	45.870	ug/l	98
94) Hexachlorobutadiene	13.78	225	61623	47.351	ug/l	98
95) Naphthalene	13.83	128	422330	46.566	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	127228	46.926	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX008820.D

Acq On : 10 Apr 2019 21:22

Operator : JC/SP

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA X/WATER

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ALS Vial      : 28      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

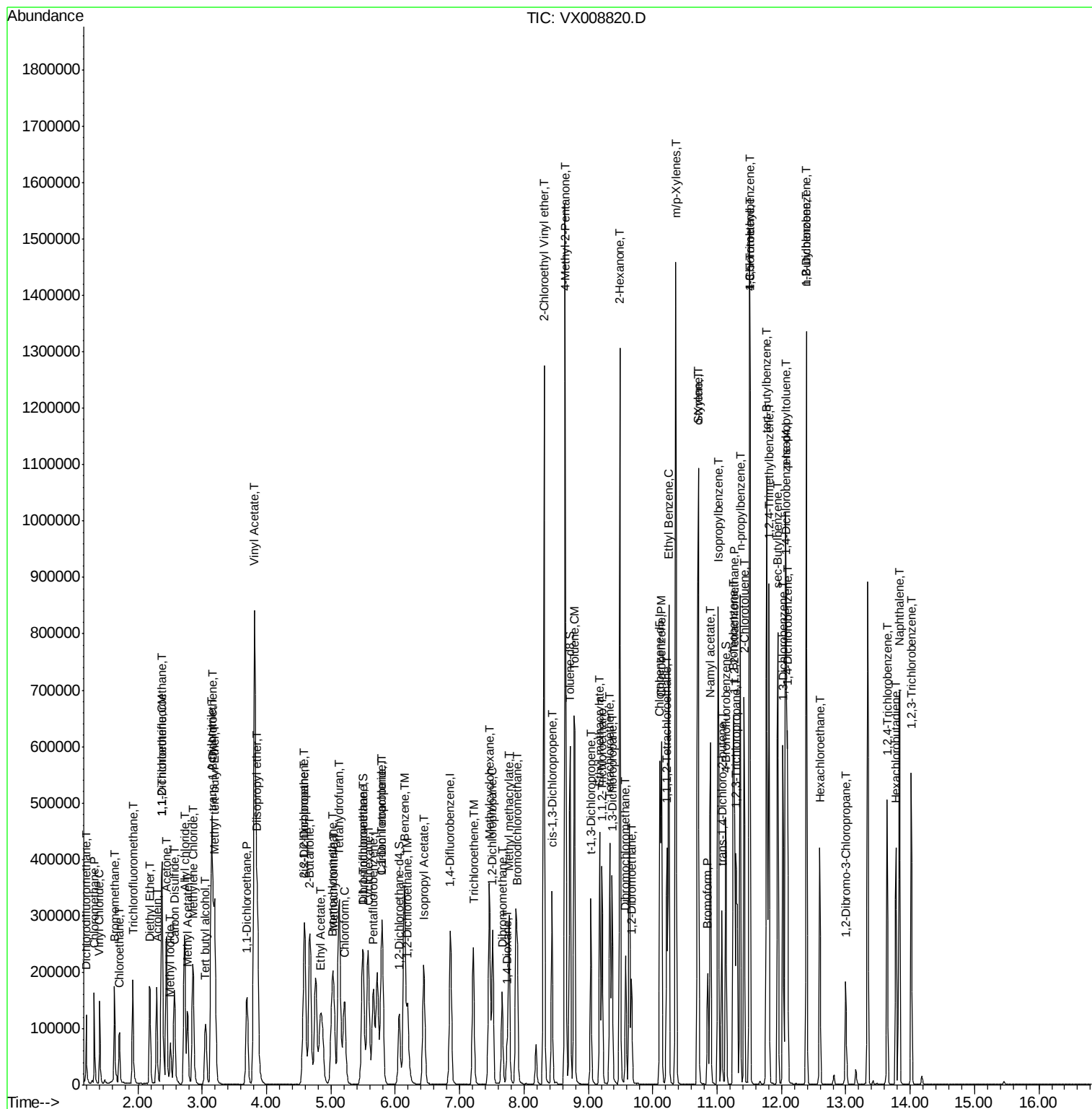
Quant Time: Apr 11 05:51:24 2019

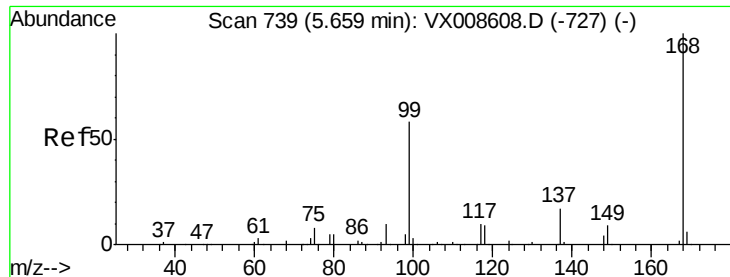
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_X\METHOD\82X040319W.M

Quant Title : SW846 8260

QLast Update : Thu Apr 04 04:47:41 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

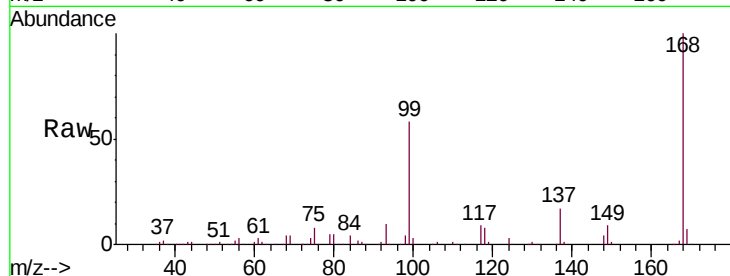
VSTDCCC050

Tgt Ion:168 Resp: 162766

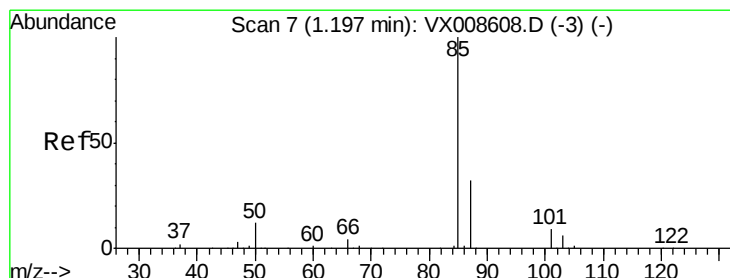
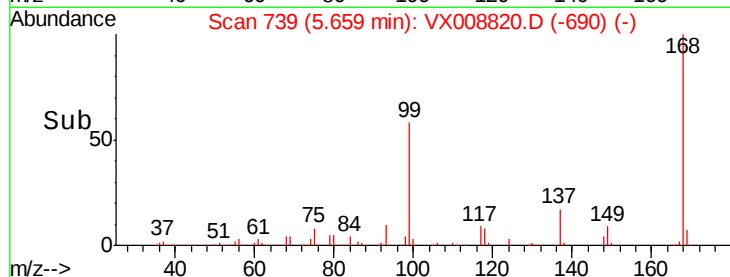
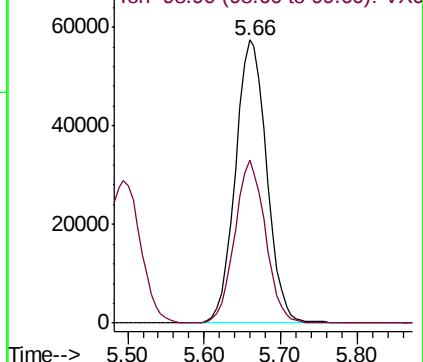
Ion Ratio Lower Upper

168 100

99 57.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VX008820.D (-690) (-)



#2

Dichlorodifluoromethane

Concen: 39.986 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008820.D

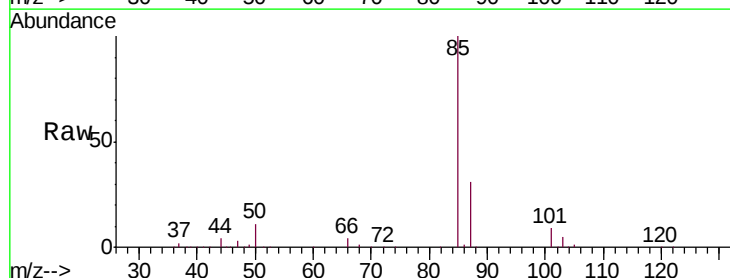
Acq: 10 Apr 2019 21:22

Tgt Ion: 85 Resp: 74916

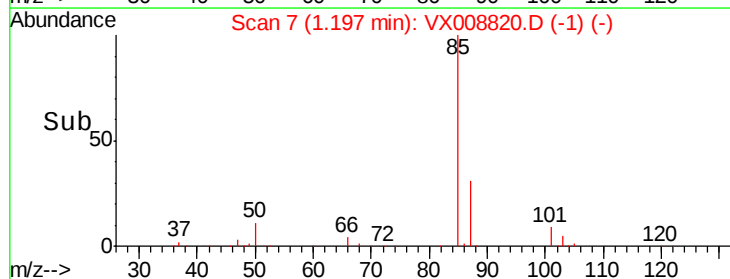
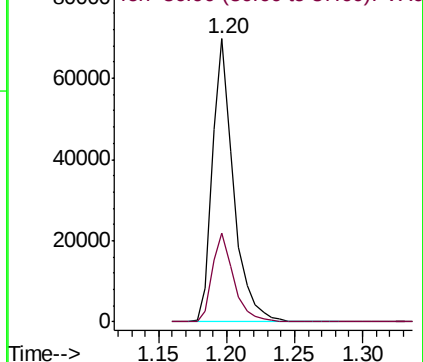
Ion Ratio Lower Upper

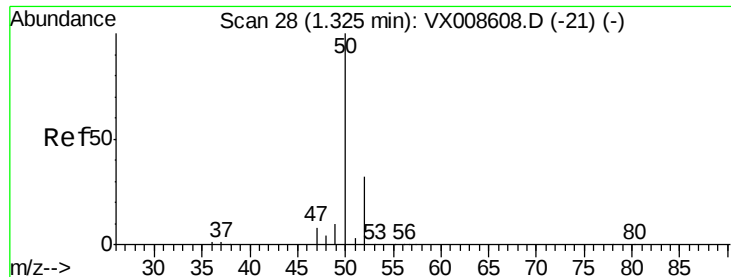
85 100

87 31.4 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX008820.D (-1) (-)





#3

Chloromethane

Concen: 46.160 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampled :

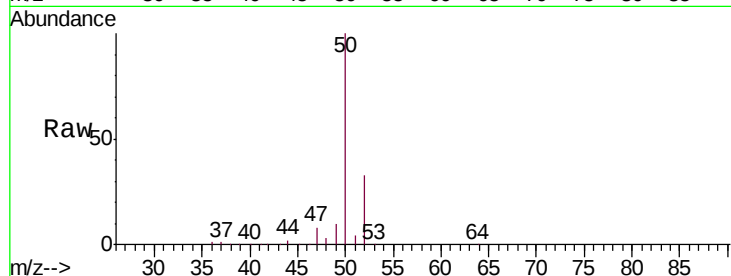
VSTDCCC050

Tgt Ion: 50 Resp: 106288

Ion Ratio Lower Upper

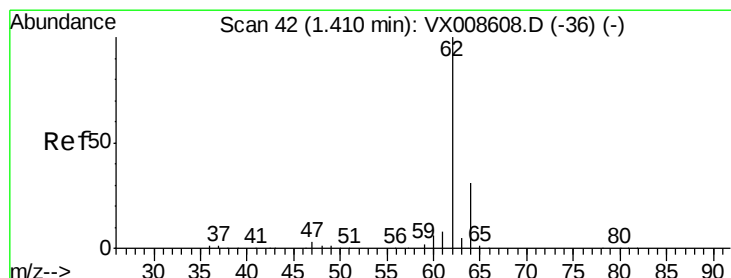
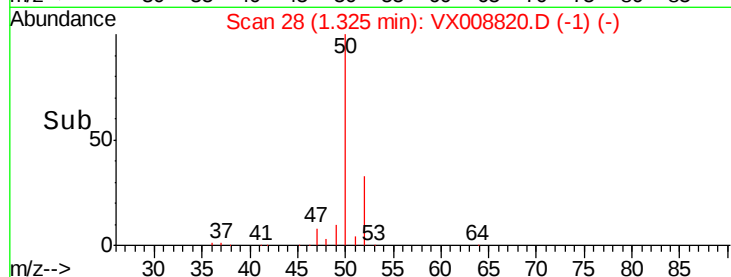
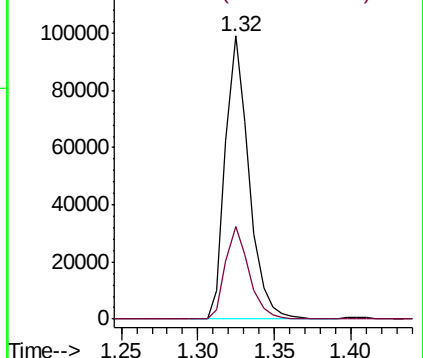
50 100

52 32.9 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 41.500 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008820.D

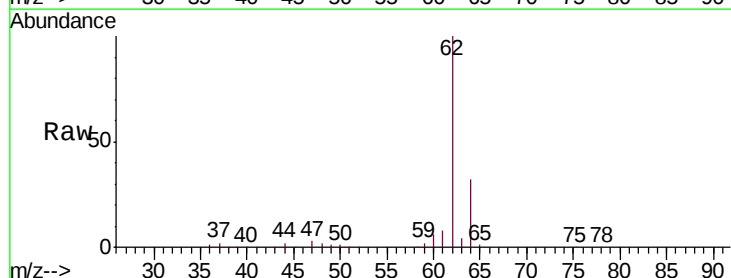
Acq: 10 Apr 2019 21:22

Tgt Ion: 62 Resp: 105107

Ion Ratio Lower Upper

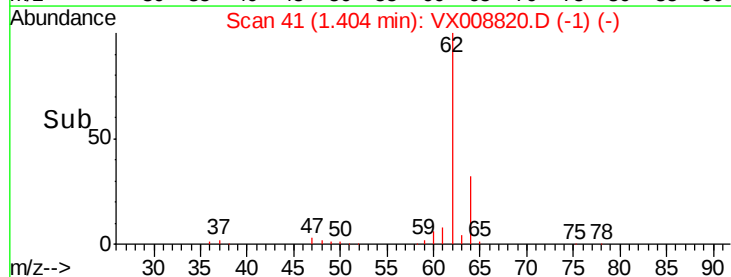
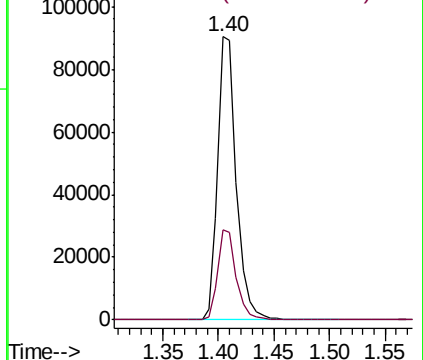
62 100

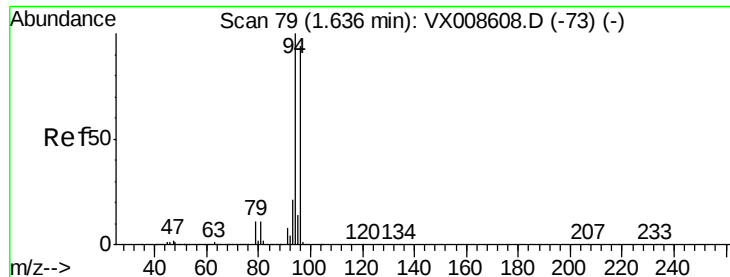
64 31.8 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.713 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

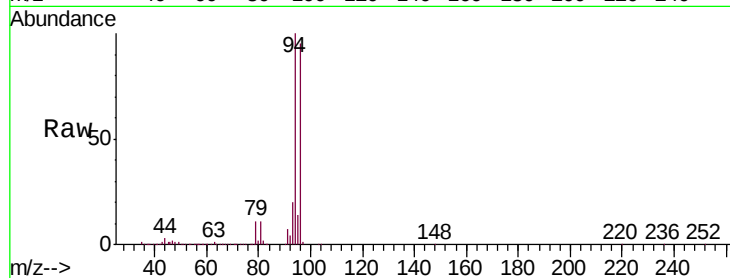
VSTDCCC050

Tgt Ion: 94 Resp: 58121

Ion Ratio Lower Upper

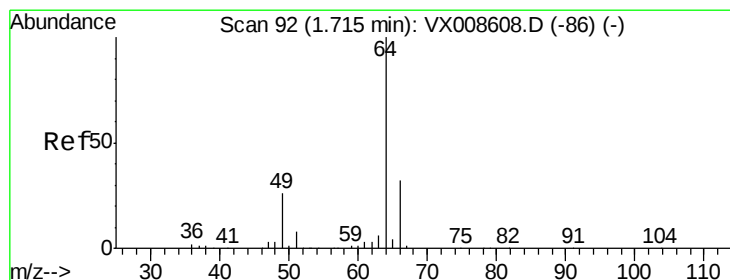
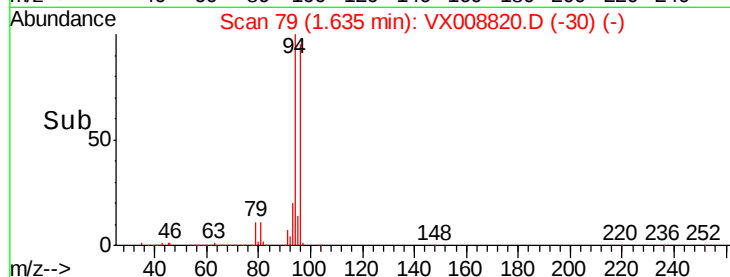
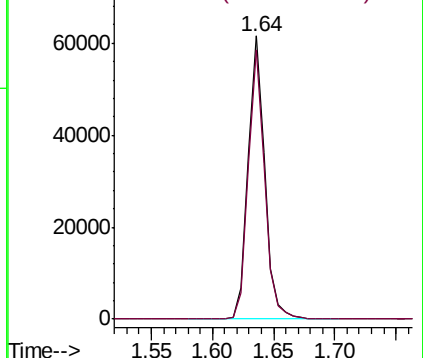
94 100

96 95.2 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.568 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008820.D

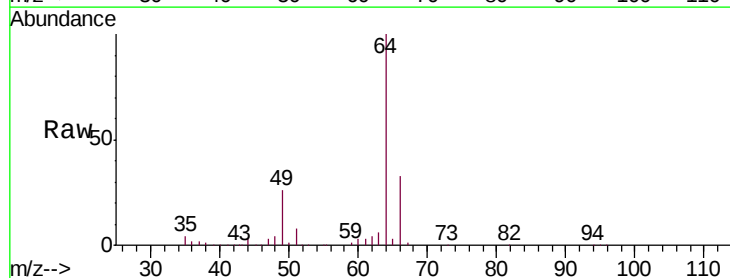
Acq: 10 Apr 2019 21:22

Tgt Ion: 64 Resp: 62101

Ion Ratio Lower Upper

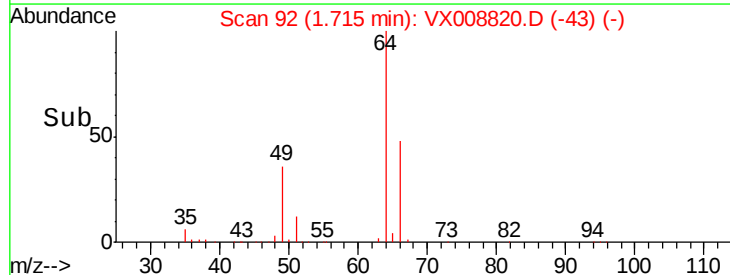
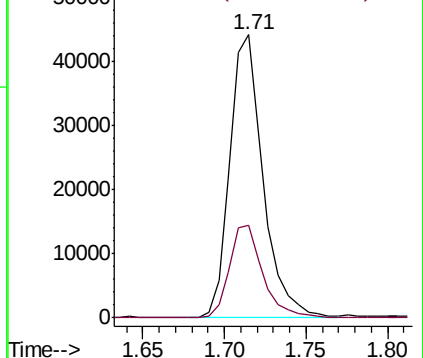
64 100

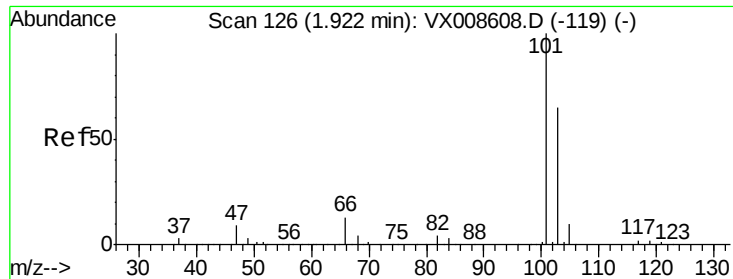
66 33.0 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



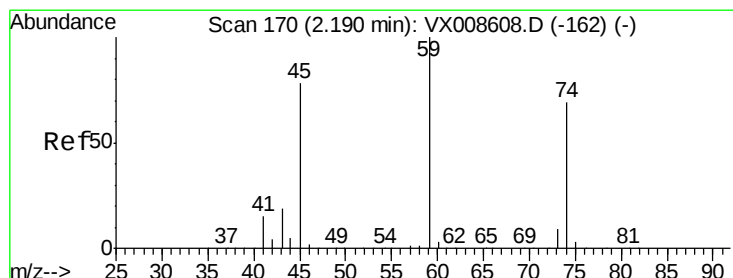
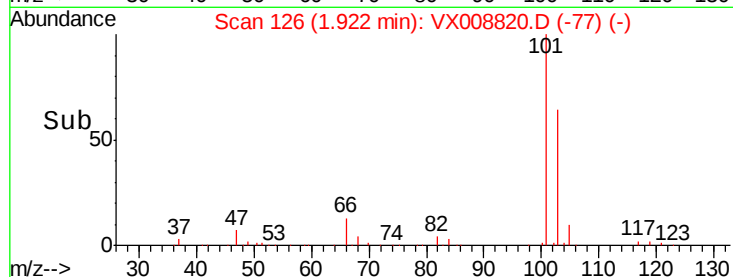
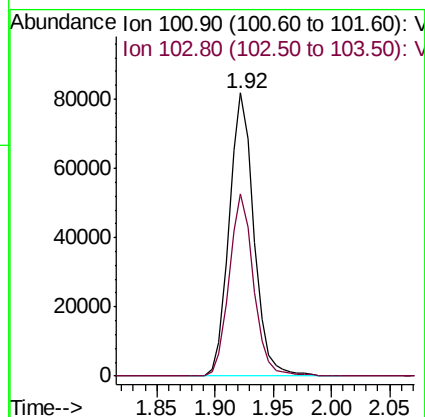
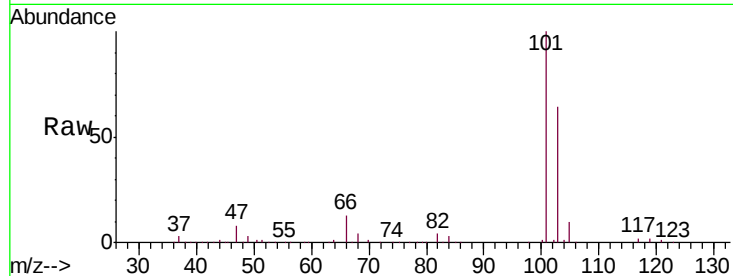


#7

Trichlorofluoromethane
Concen: 43.111 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

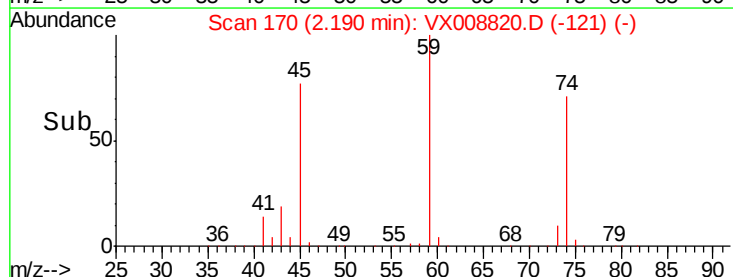
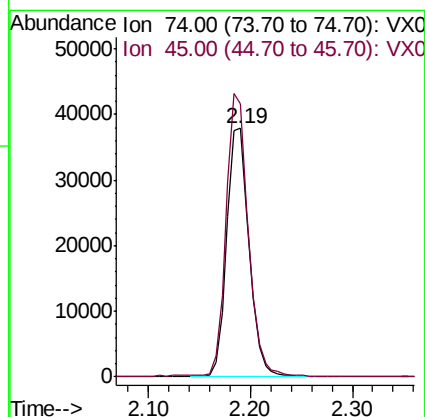
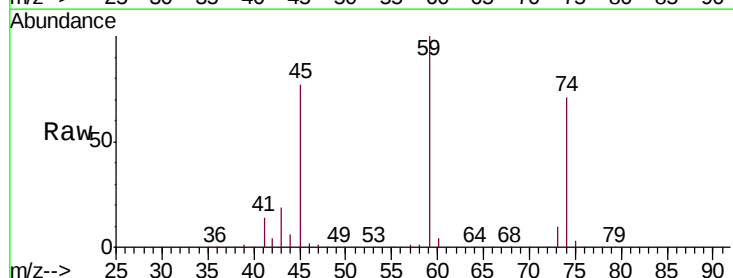
Tgt Ion:101 Resp: 120699
Ion Ratio Lower Upper
101 100
103 64.4 52.3 78.5

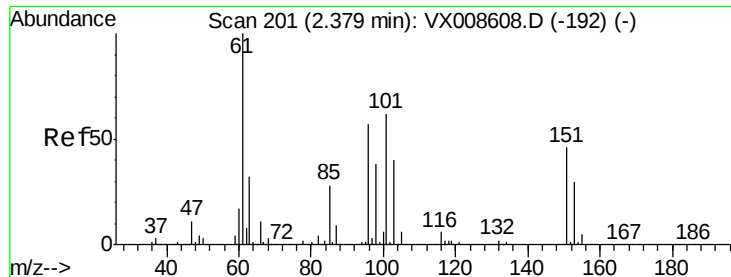


#8

Diethyl Ether
Concen: 43.432 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

Tgt Ion: 74 Resp: 57664
Ion Ratio Lower Upper
74 100
45 112.1 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.686 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

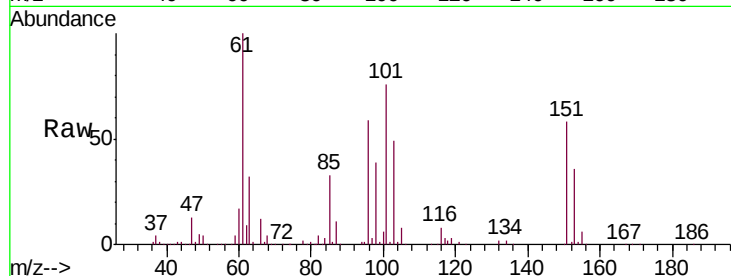
Tgt Ion:101 Resp: 78746

Ion Ratio Lower Upper

101 100

85 43.9 36.0 54.0

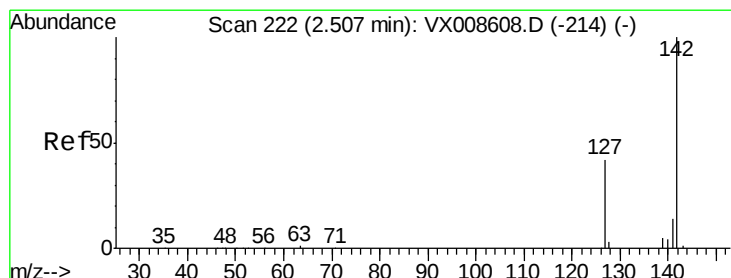
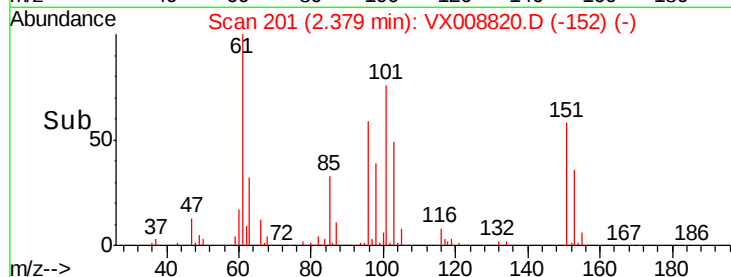
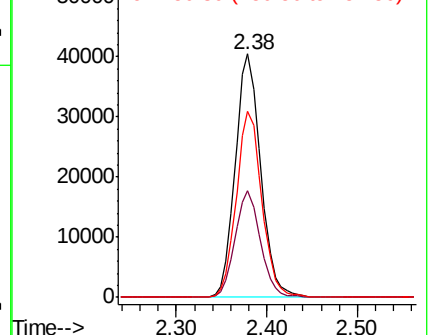
151 76.8 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.428 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

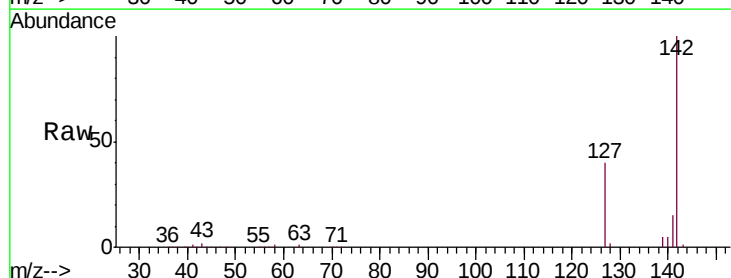
Tgt Ion:142 Resp: 79279

Ion Ratio Lower Upper

142 100

127 41.0 33.0 49.6

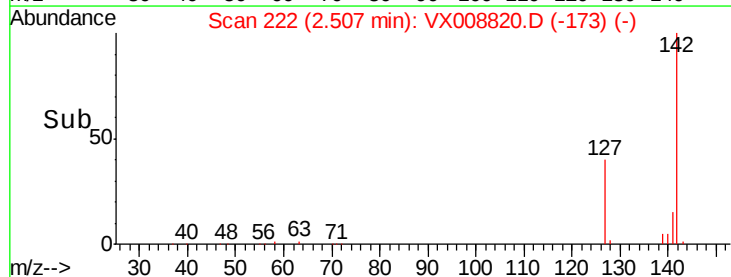
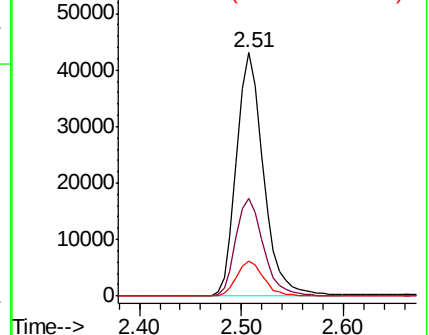
141 14.4 11.4 17.2

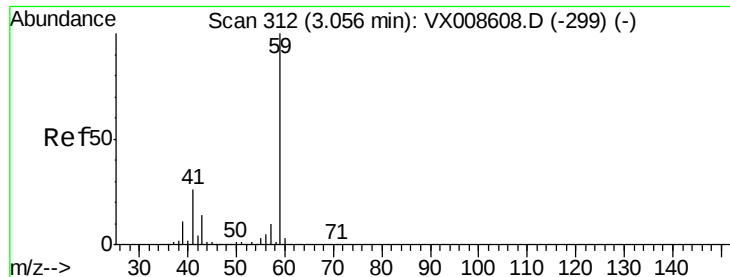


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

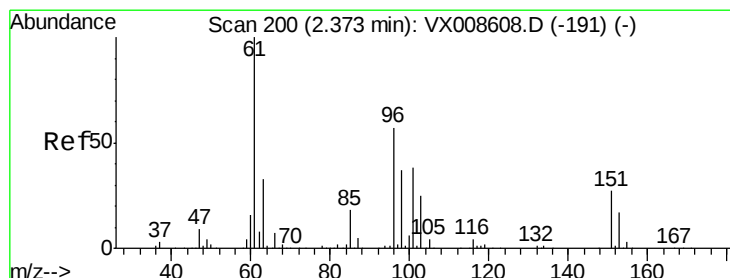
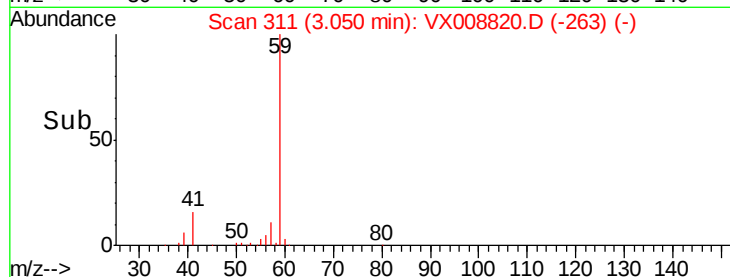
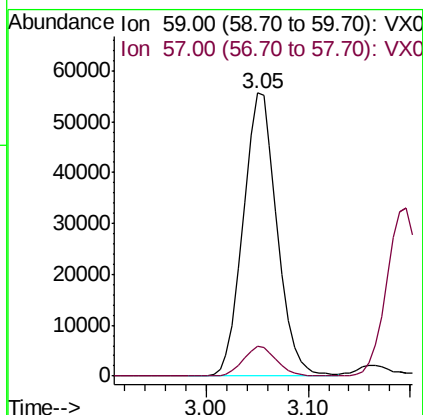
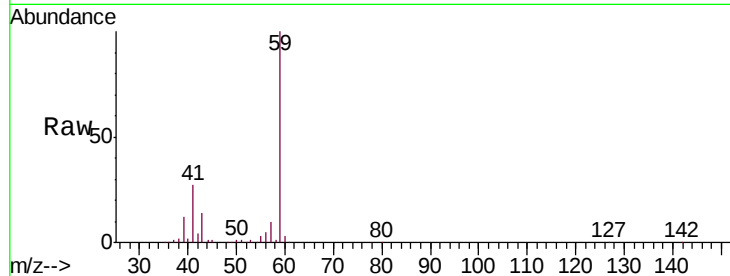




#11
Tert butyl alcohol
Concen: 231.067 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.01 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

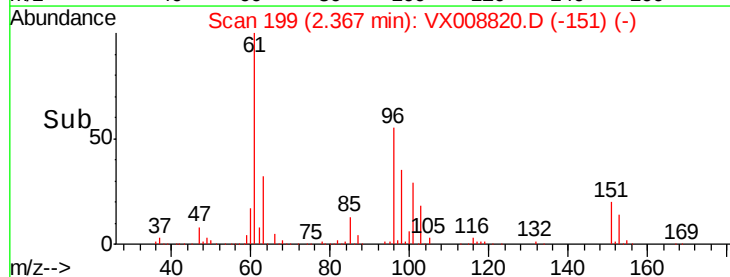
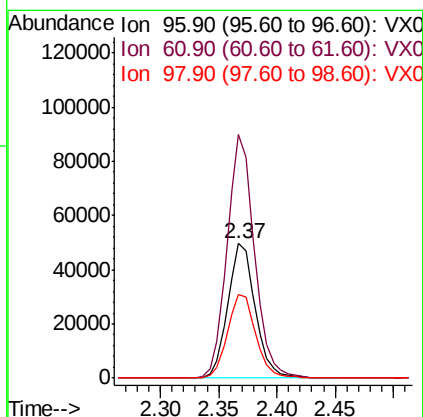
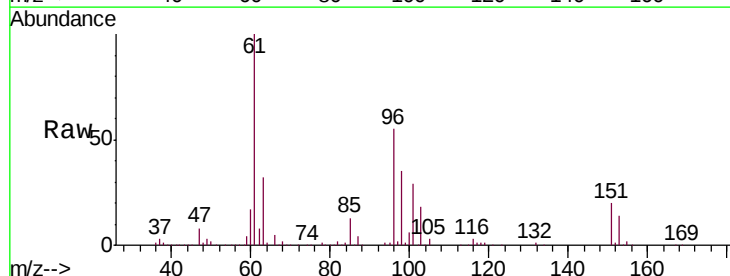
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

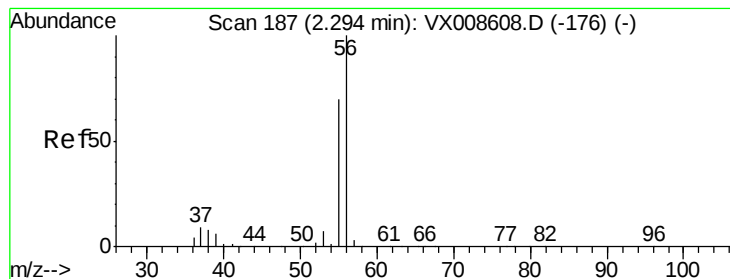
Tgt Ion: 59 Resp: 128425
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5



#12
1,1-Dichloroethene
Concen: 43.491 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

Tgt Ion: 96 Resp: 81838
Ion Ratio Lower Upper
96 100
61 181.4 140.9 211.3
98 62.6 52.1 78.1





#13

Acrolein

Concen: 464.816 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

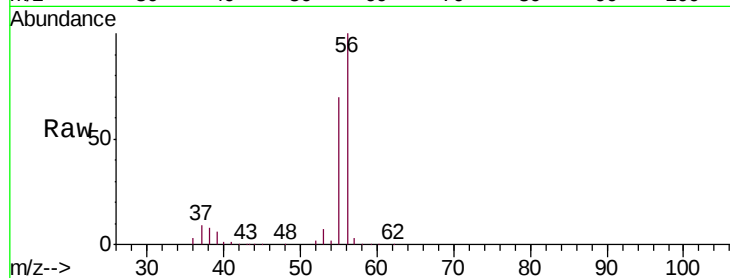
VSTDCCC050

Tgt Ion: 56 Resp: 128099

Ion Ratio Lower Upper

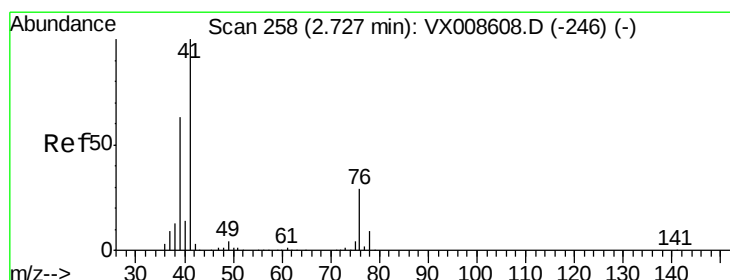
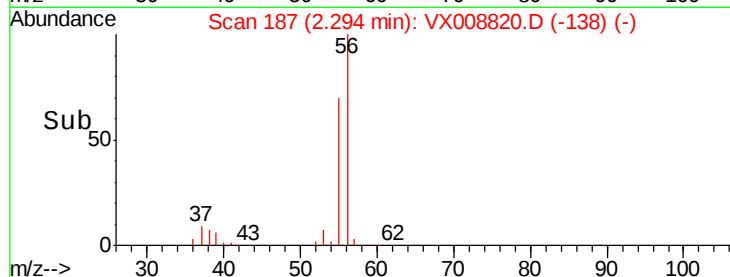
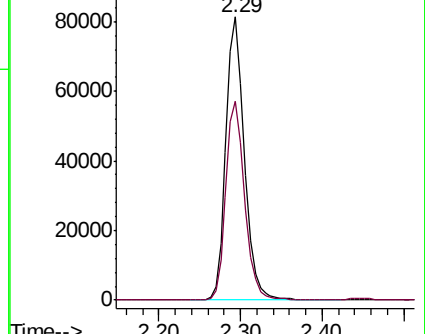
56 100

55 71.5 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.520 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

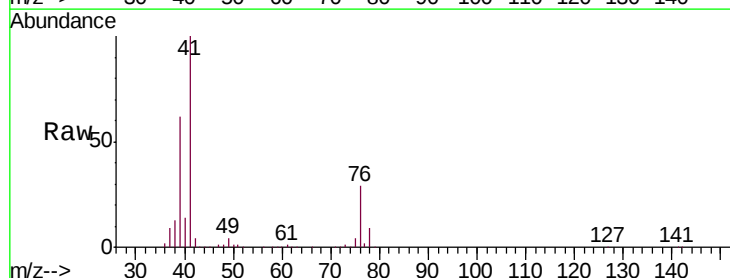
Tgt Ion: 41 Resp: 196088

Ion Ratio Lower Upper

41 100

39 58.5 48.0 72.0

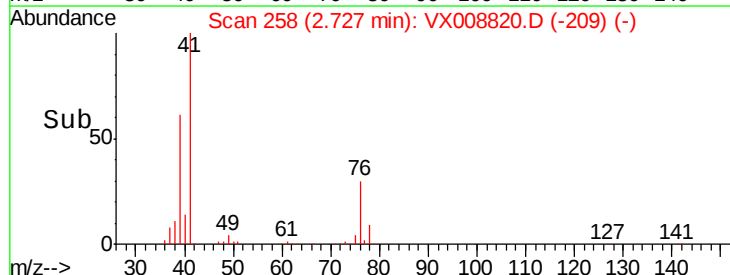
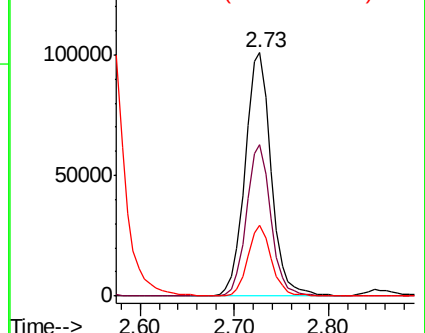
76 26.6 22.0 33.0

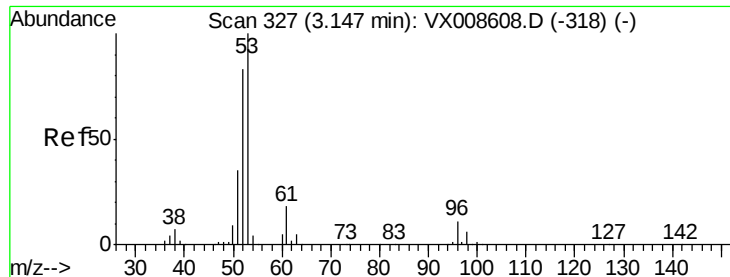


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 229.133 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

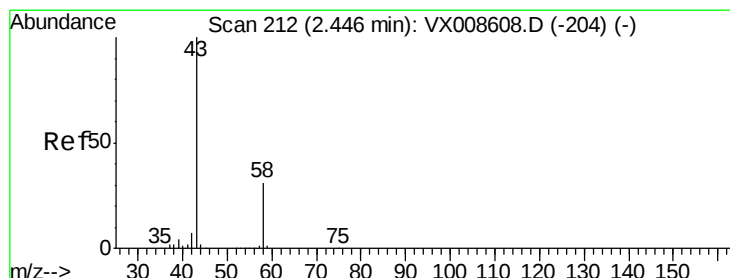
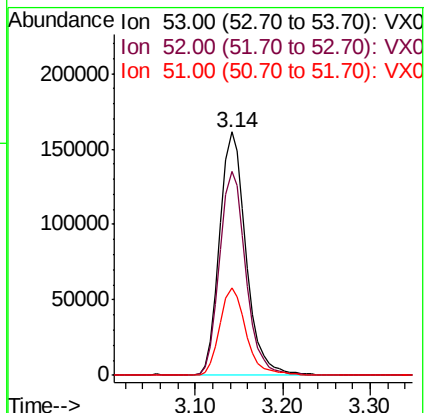
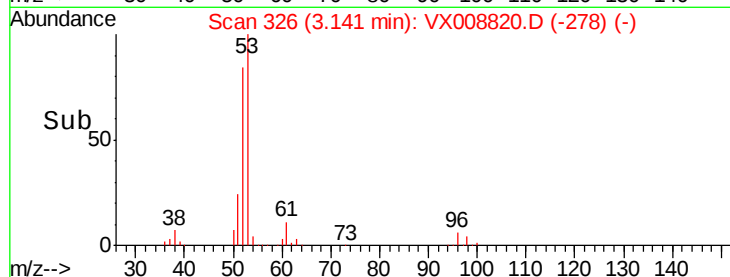
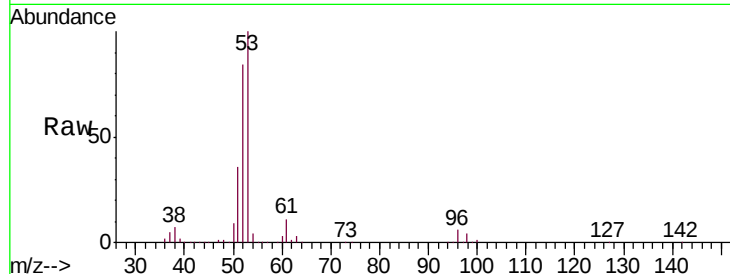
Tgt Ion: 53 Resp: 337373

Ion Ratio Lower Upper

53 100

52 83.8 66.5 99.7

51 35.9 28.6 42.8



#16

Acetone

Concen: 212.999 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008820.D

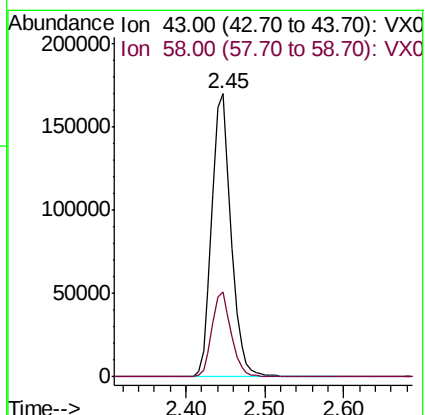
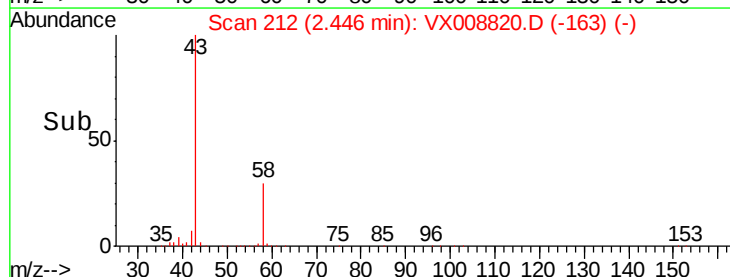
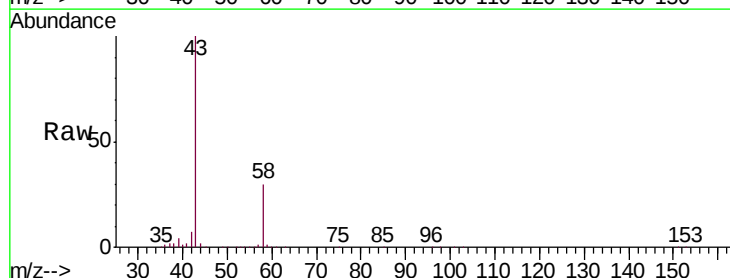
Acq: 10 Apr 2019 21:22

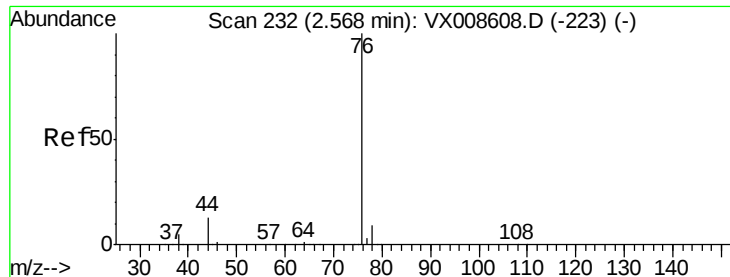
Tgt Ion: 43 Resp: 291249

Ion Ratio Lower Upper

43 100

58 30.1 24.8 37.2

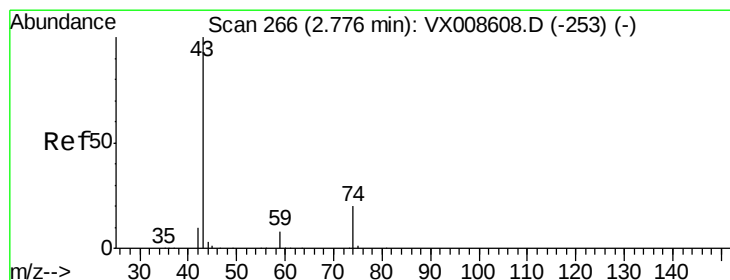
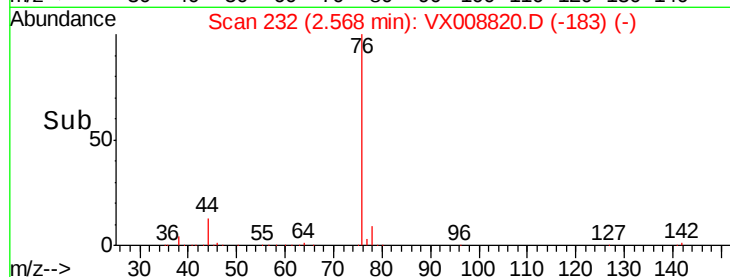
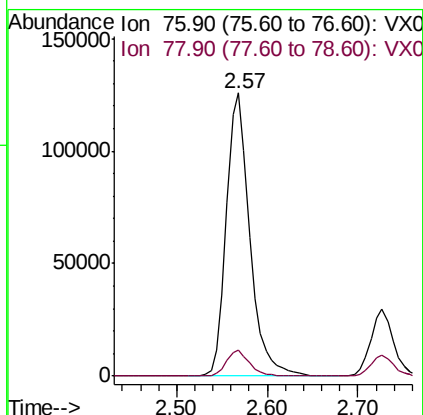
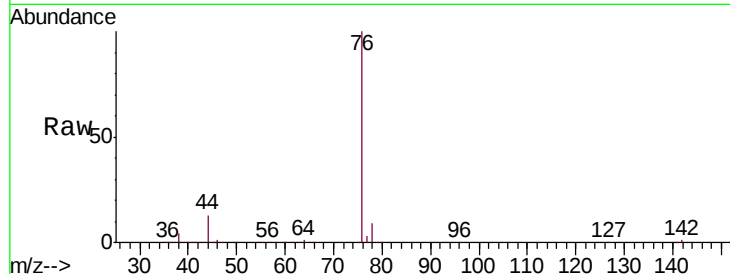




#17
Carbon Disulfide
Concen: 41.577 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

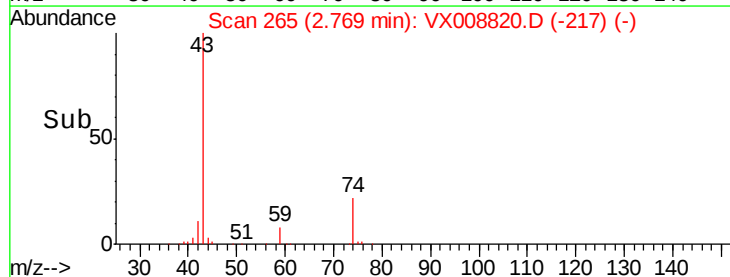
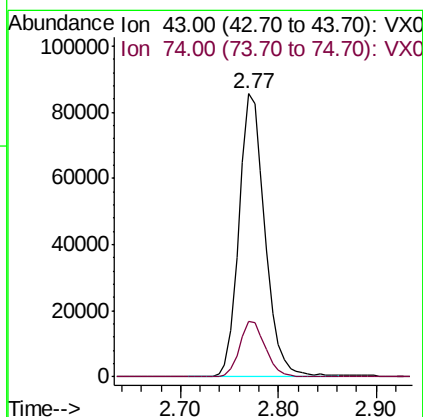
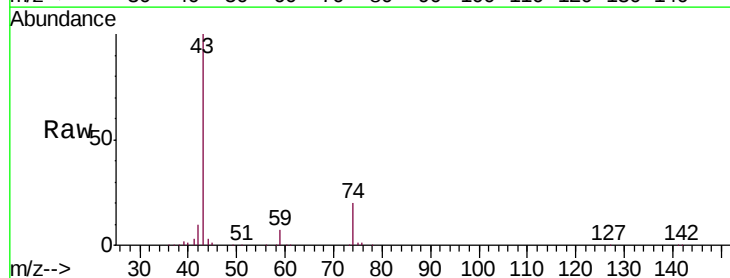
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

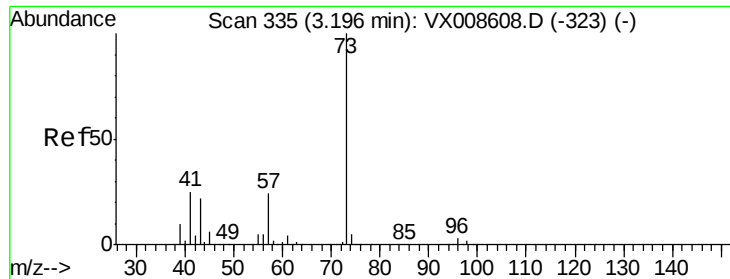
Tgt Ion: 76 Resp: 226599
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 47.343 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

Tgt Ion: 43 Resp: 157001
Ion Ratio Lower Upper
43 100
74 20.0 16.5 24.7





#19

Methyl tert-butyl Ether

Concen: 47.483 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

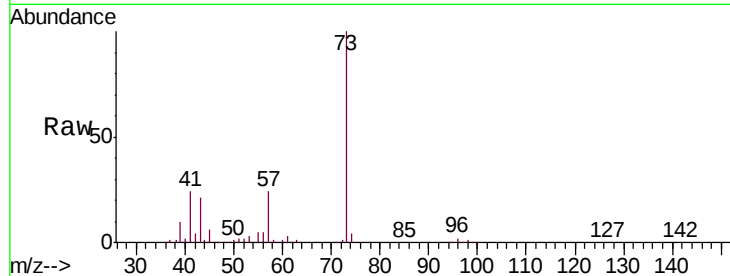
VSTDCCC050

Tgt Ion: 73 Resp: 319089

Ion Ratio Lower Upper

73 100

57 24.0 19.5 29.3



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

150000

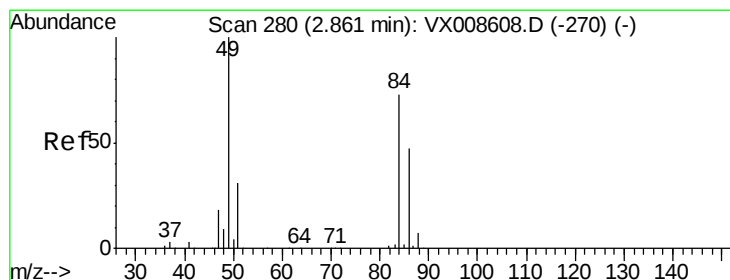
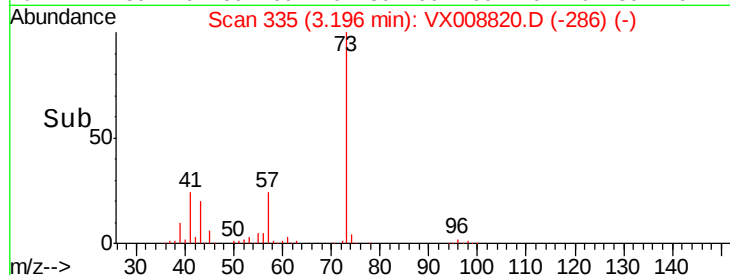
100000

50000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 43.825 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Tgt Ion: 84 Resp: 100307

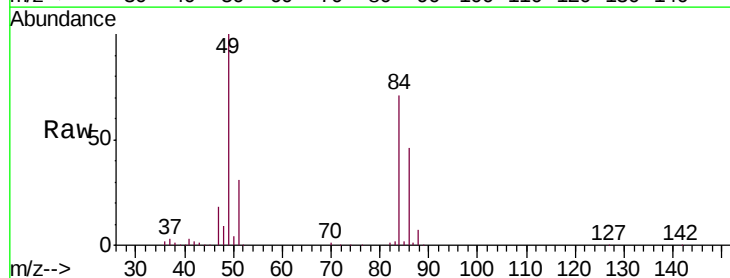
Ion Ratio Lower Upper

84 100

49 141.6 109.7 164.5

51 44.3 33.6 50.4

86 65.1 51.4 77.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

100000

80000

60000

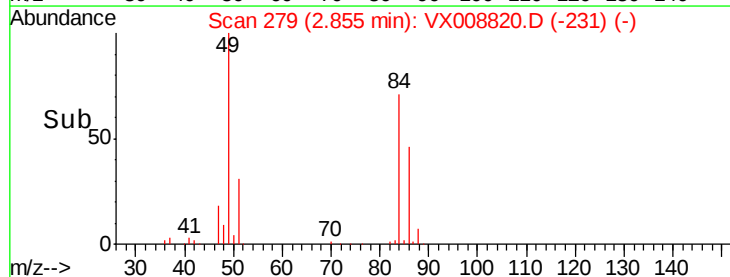
40000

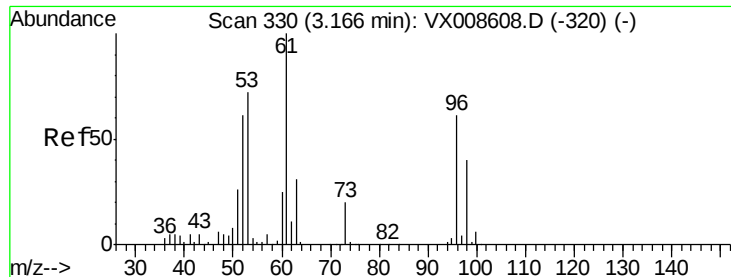
20000

0

2.80 2.85 2.90 3.00

Time-->





#21

trans-1,2-Dichloroethene

Concen: 42.674 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

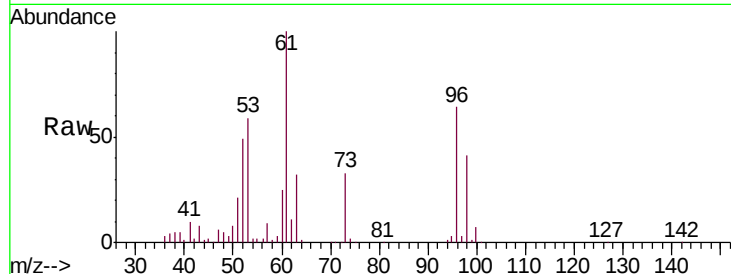
Tgt Ion: 96 Resp: 86858

Ion Ratio Lower Upper

96 100

61 155.5 132.1 198.1

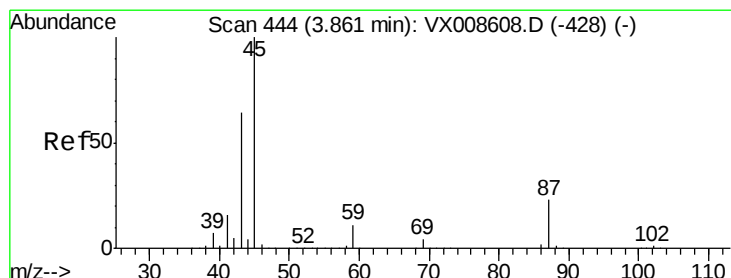
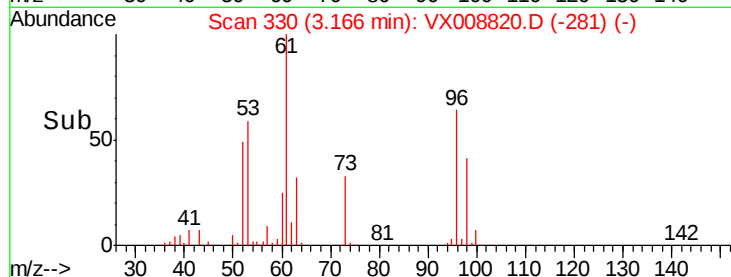
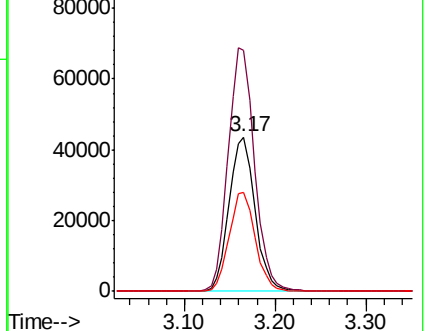
98 63.7 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.946 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Tgt Ion: 45 Resp: 389780

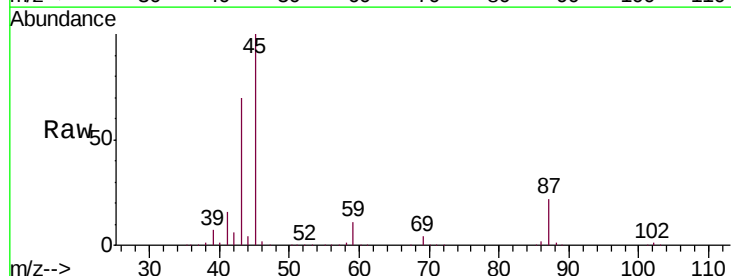
Ion Ratio Lower Upper

45 100

43 69.5 51.3 76.9

87 22.4 18.1 27.1

59 10.8 8.6 13.0

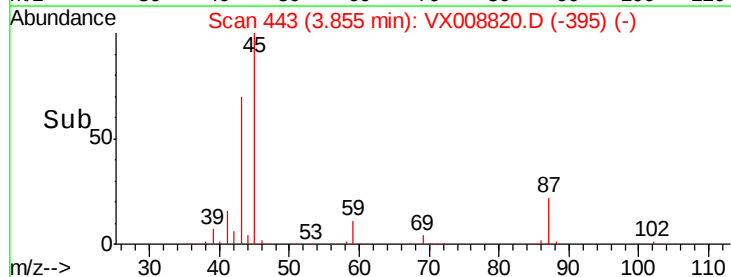
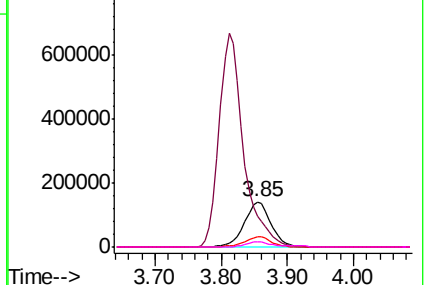


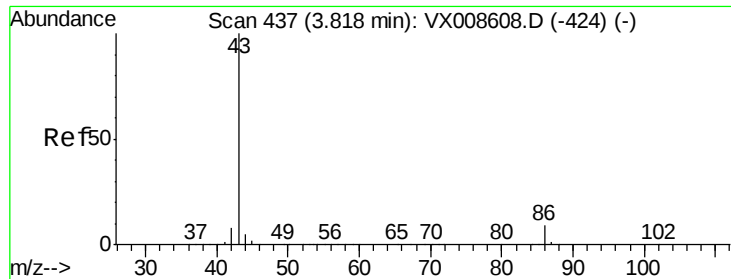
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

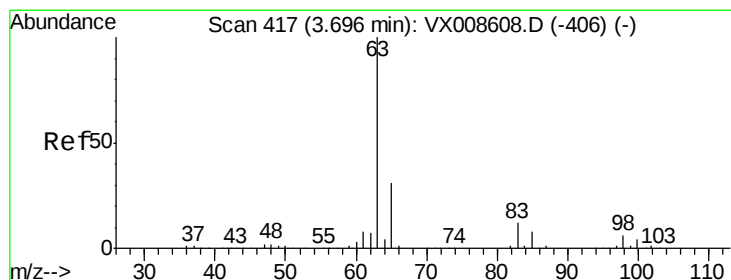
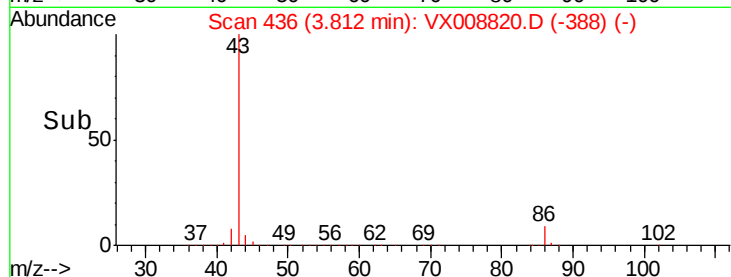
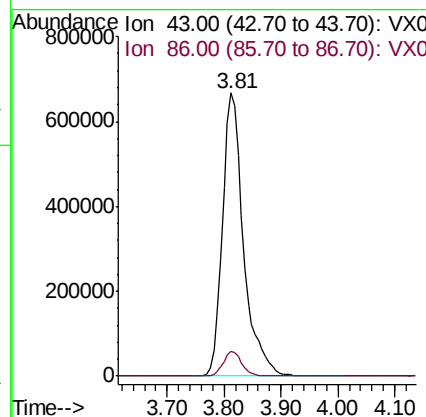
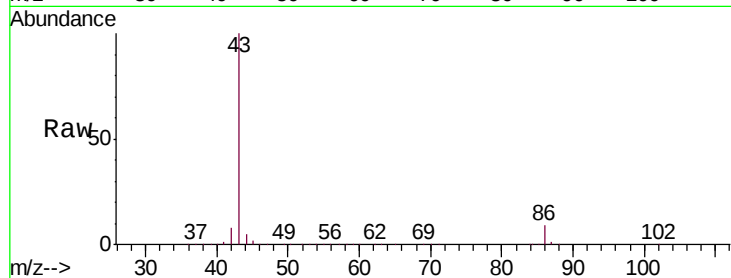




#23
 Vinyl Acetate
 Concen: 236.829 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX008820.D
 Acq: 10 Apr 2019 21:22

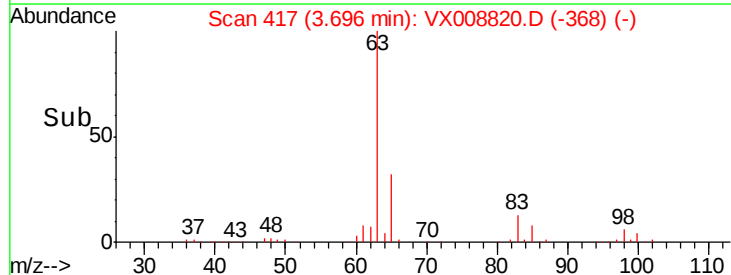
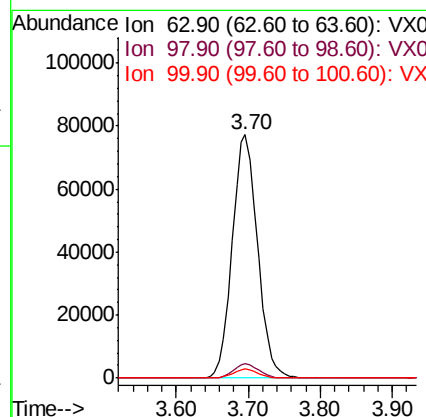
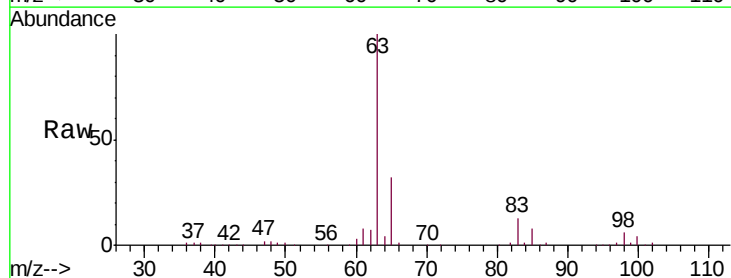
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

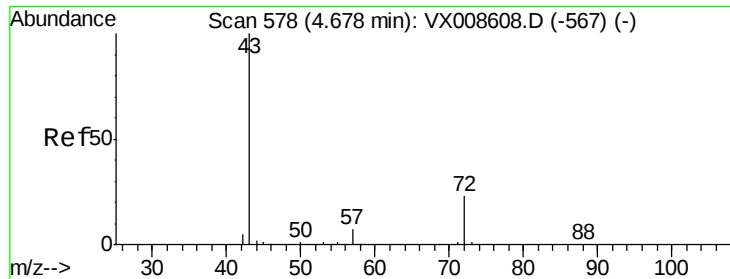
Tgt Ion: 43 Resp: 1710580
 Ion Ratio Lower Upper
 43 100
 86 8.6 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 45.934 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX008820.D
 Acq: 10 Apr 2019 21:22

Tgt Ion: 63 Resp: 188824
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.8 8.4
 100 3.6 1.8 5.5





#25

2-Butanone

Concen: 233.322 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

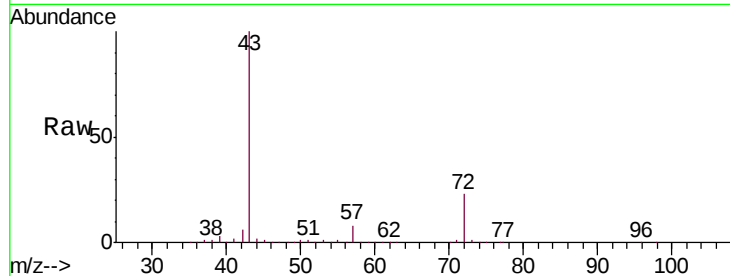
VSTDCCC050

Tgt Ion: 43 Resp: 504250

Ion Ratio Lower Upper

43 100

72 22.9 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX008820.D (-529) (-)

Ion 72.00 (71.70 to 72.70): VX008820.D (-529) (-)

4.67

150000

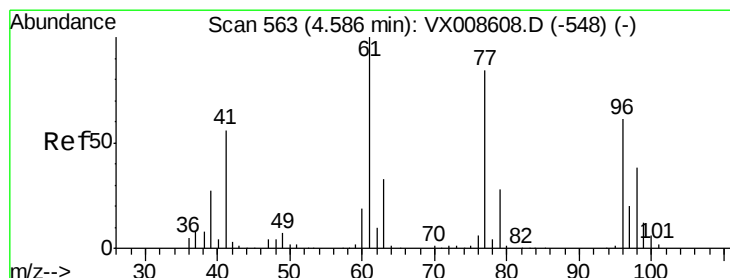
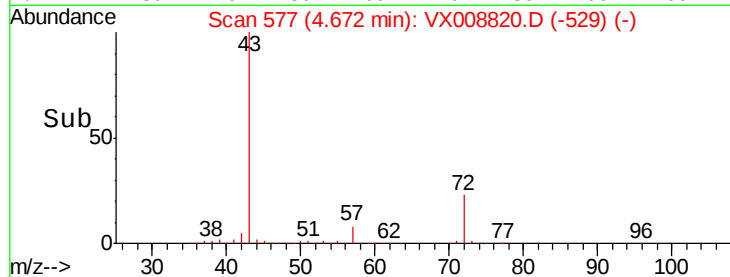
100000

50000

0

Time-->

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 42.982 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008820.D

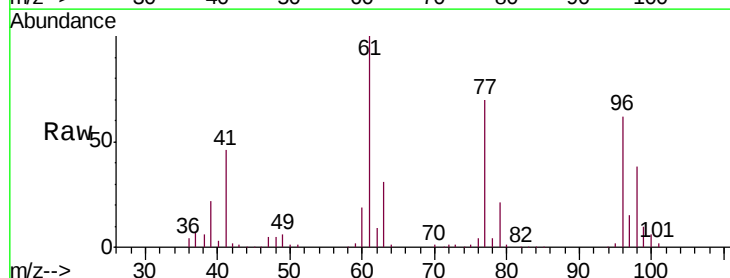
Acq: 10 Apr 2019 21:22

Tgt Ion: 77 Resp: 124445

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX008820.D (-514) (-)

Ion 96.90 (96.60 to 97.60): VX008820.D (-514) (-)

4.59

40000

30000

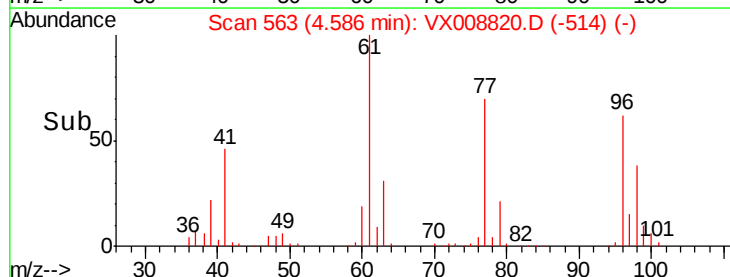
20000

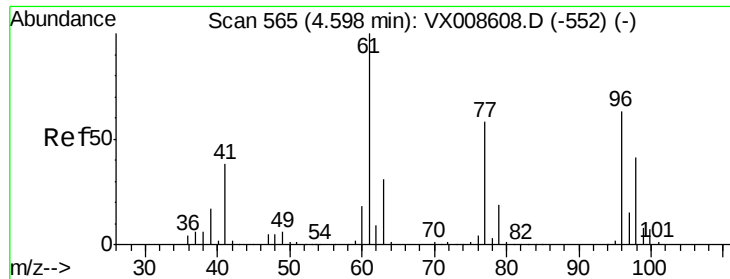
10000

0

Time-->

4.40 4.50 4.60 4.70



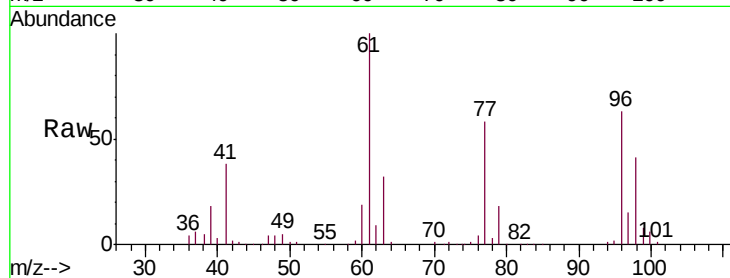


#27

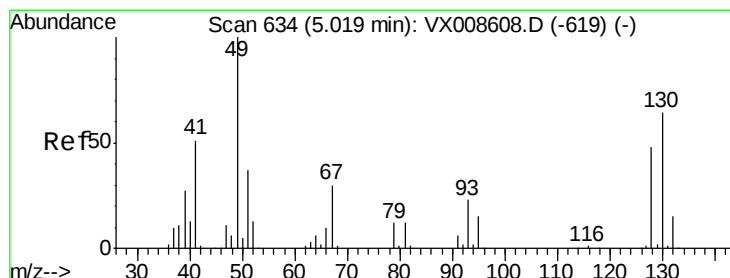
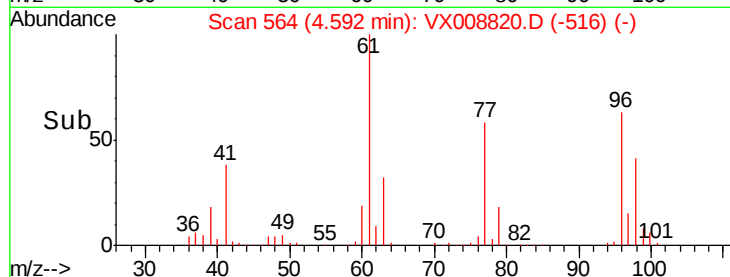
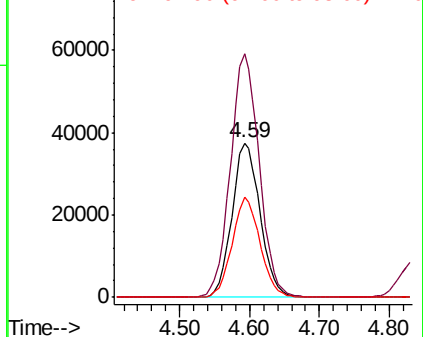
cis-1,2-Dichloroethene
 Concen: 44.667 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX008820.D
 Acq: 10 Apr 2019 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 104526
 Ion Ratio Lower Upper
 96 100
 61 161.9 0.0 327.6
 98 64.4 0.0 128.6



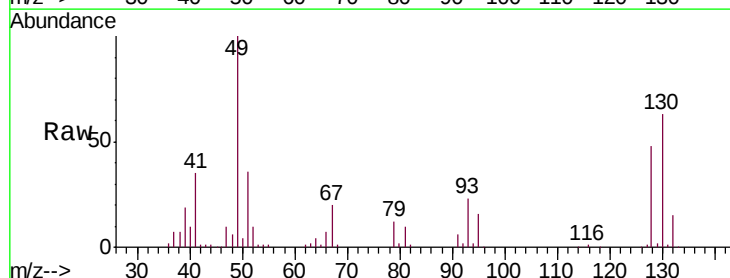
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



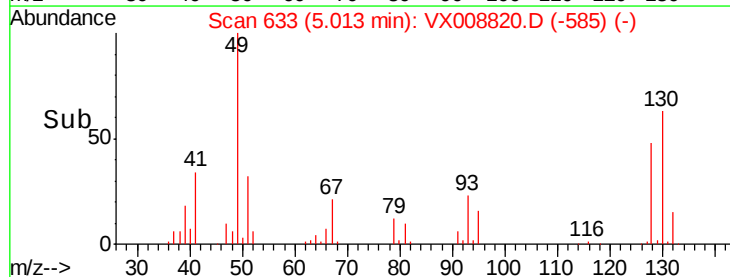
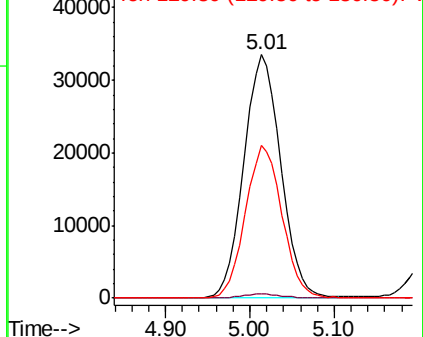
#28

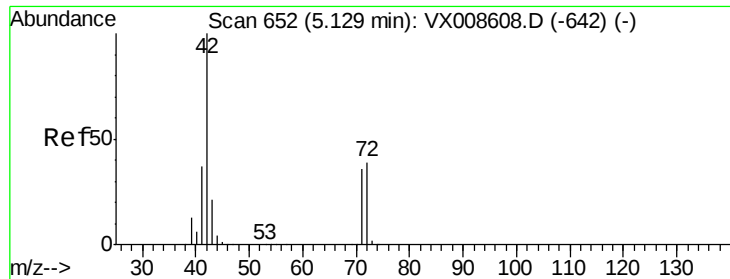
Bromochloromethane
 Concen: 58.918 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX008820.D
 Acq: 10 Apr 2019 21:22

Tgt Ion: 49 Resp: 100245
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 62.0 49.3 73.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

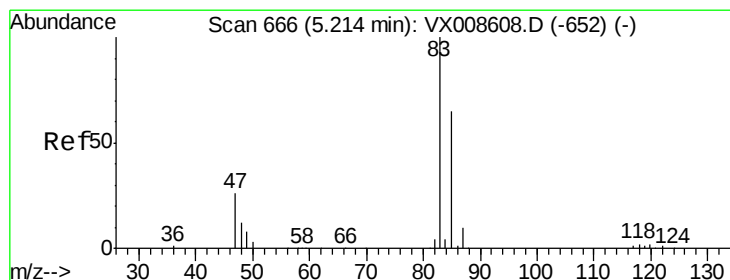
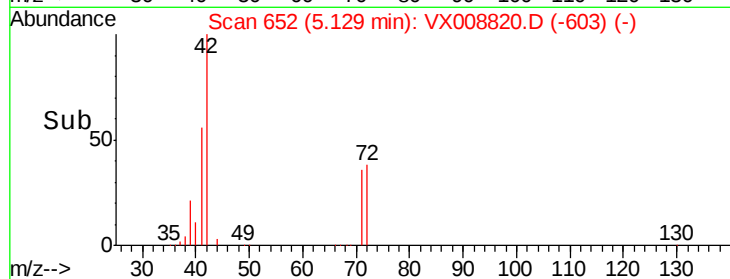
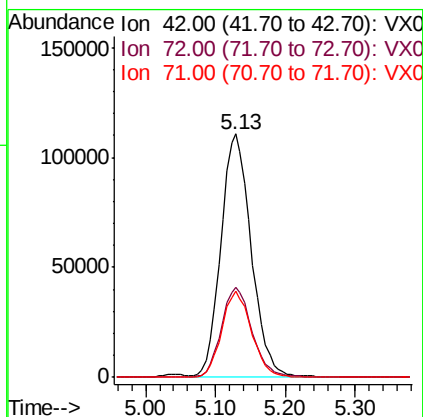
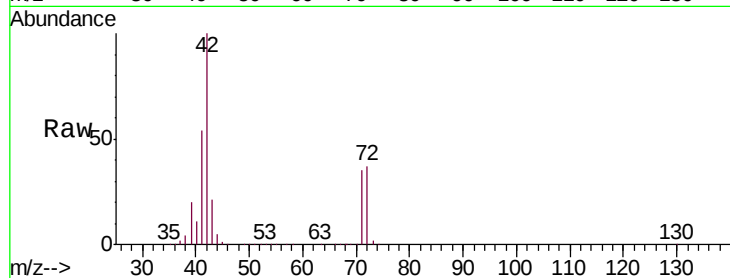




#29
Tetrahydrofuran
Concen: 231.771 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

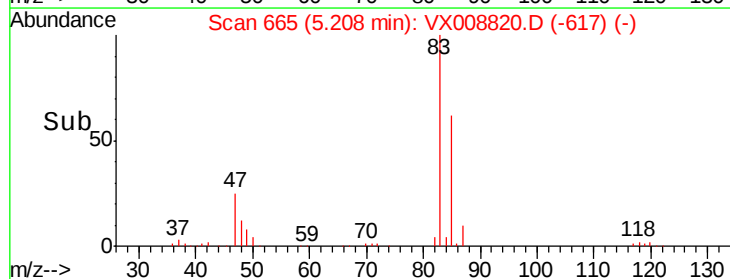
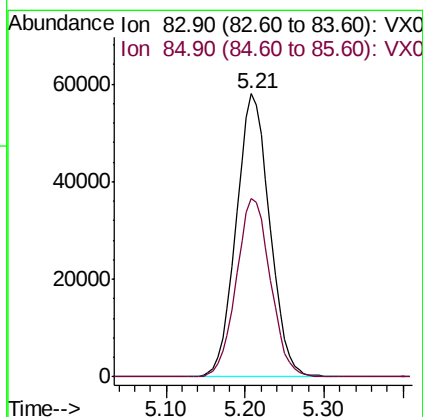
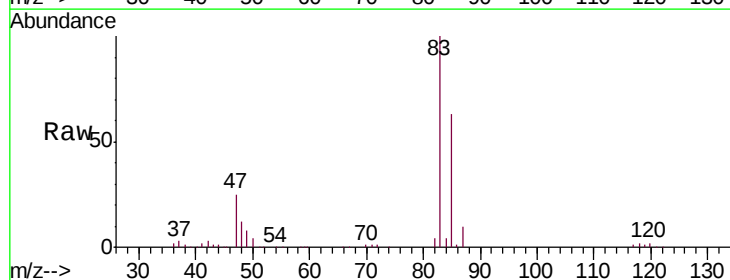
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

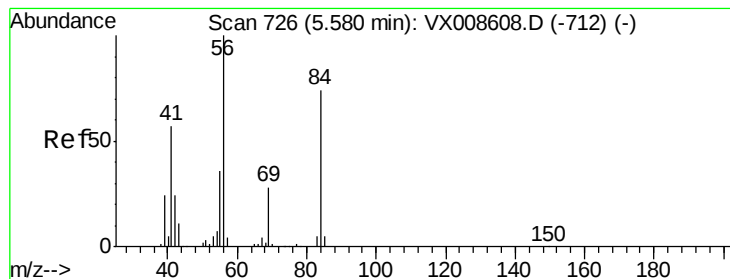
Tgt Ion: 42 Resp: 332457
Ion Ratio Lower Upper
42 100
72 37.5 30.5 45.7
71 35.1 28.6 43.0



#30
Chloroform
Concen: 46.693 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

Tgt Ion: 83 Resp: 171438
Ion Ratio Lower Upper
83 100
85 62.9 52.1 78.1





#31

Cyclohexane

Concen: 42.830 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

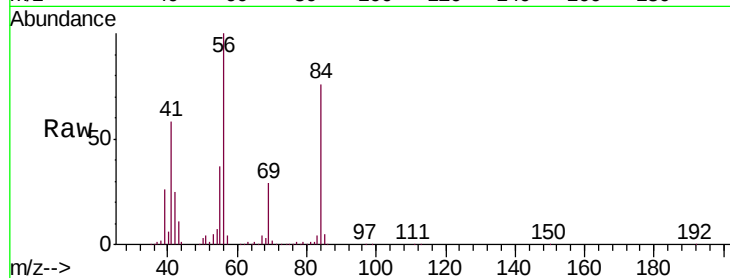
Tgt Ion: 56 Resp: 175680

Ion Ratio Lower Upper

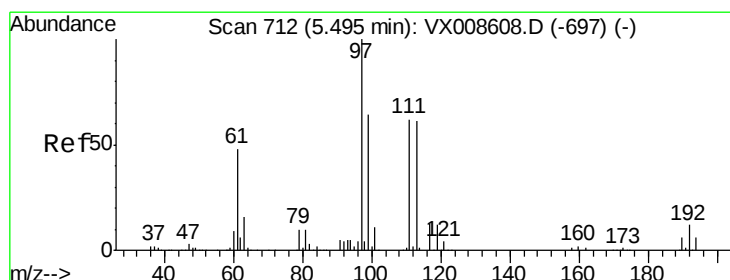
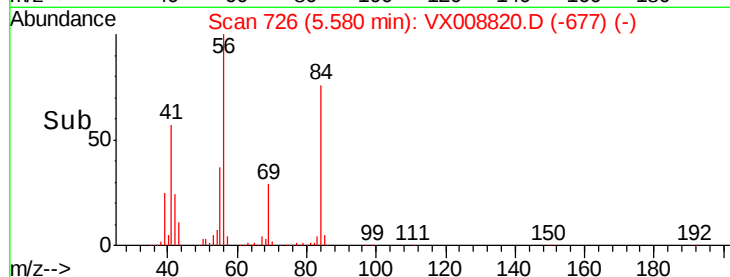
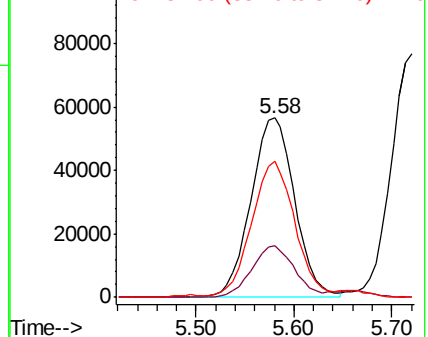
56 100

69 29.2 22.6 33.8

84 74.3 59.3 88.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 46.590 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

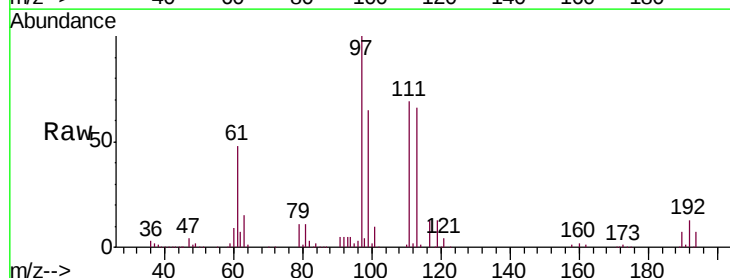
Tgt Ion: 97 Resp: 138234

Ion Ratio Lower Upper

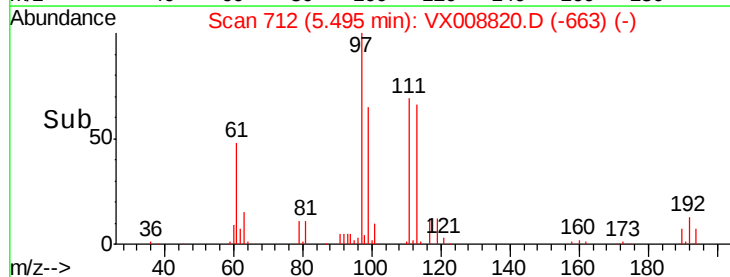
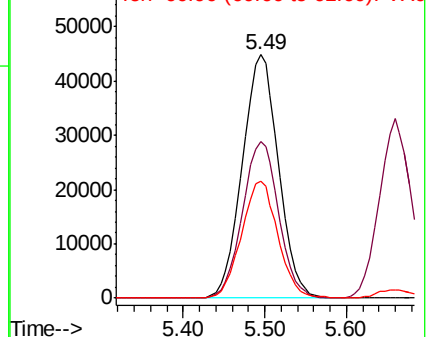
97 100

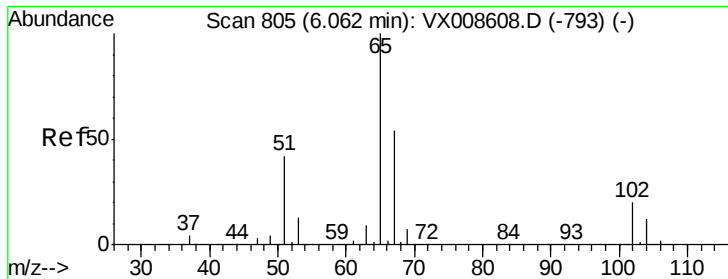
99 64.4 51.3 76.9

61 48.3 38.9 58.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.076 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

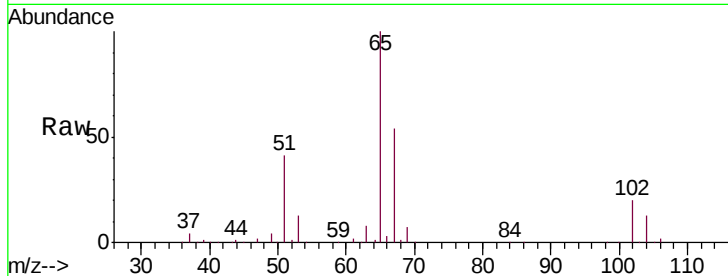
VSTDCCC050

Tgt Ion: 65 Resp: 116509

Ion Ratio Lower Upper

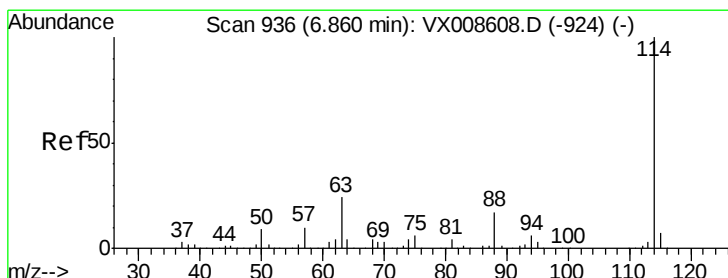
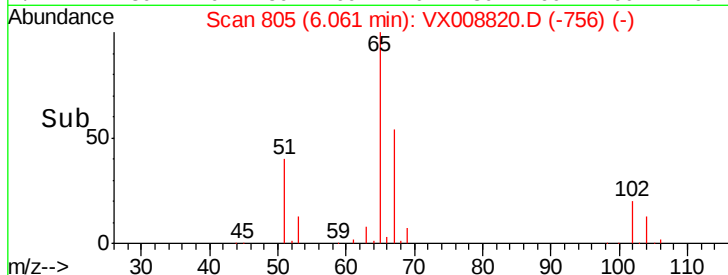
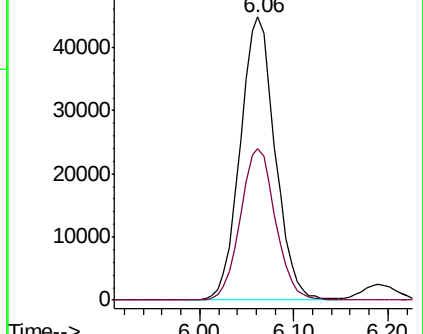
65 100

67 53.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

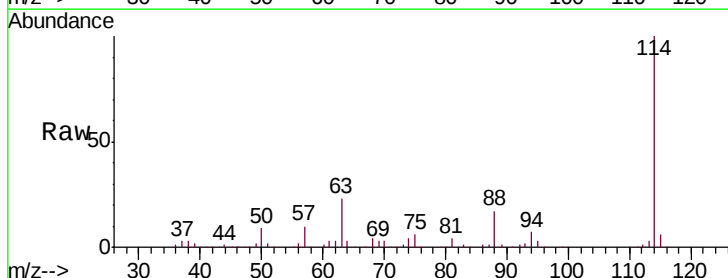
Tgt Ion: 114 Resp: 271082

Ion Ratio Lower Upper

114 100

63 22.8 0.0 47.2

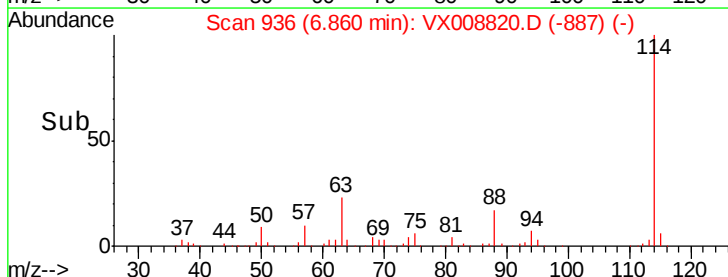
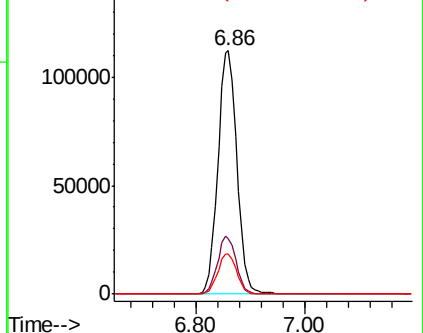
88 16.5 0.0 34.0

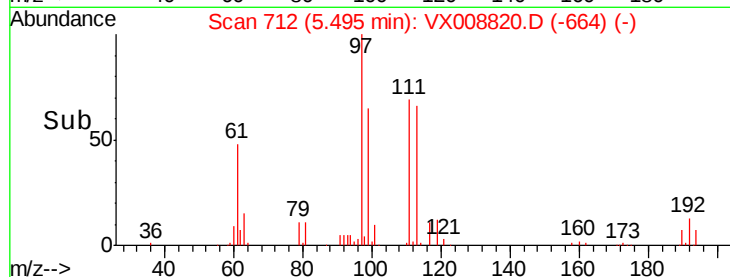
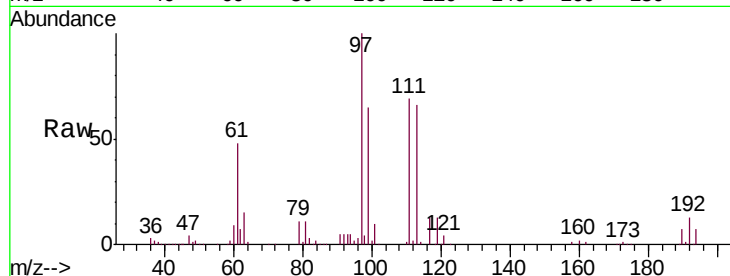
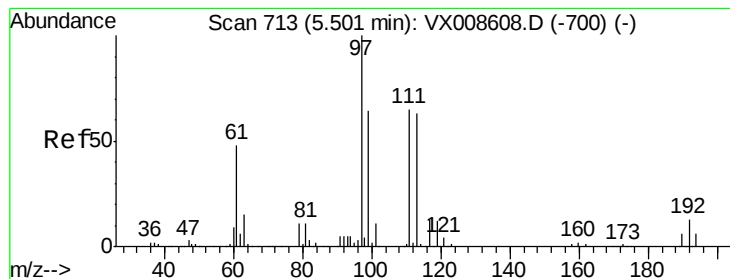


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.457 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

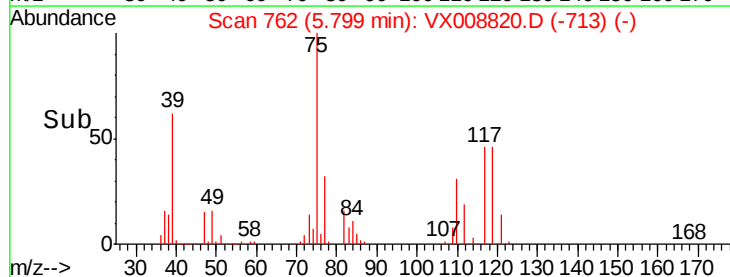
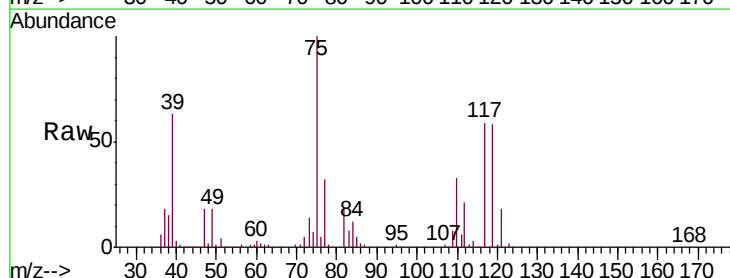
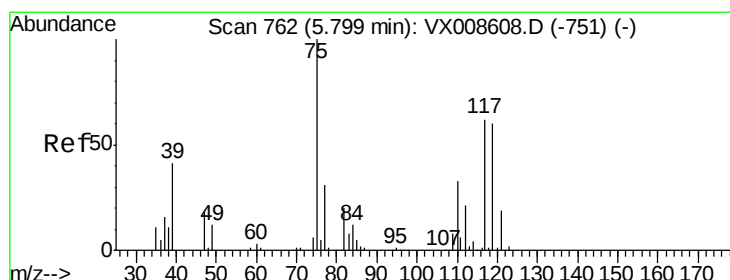
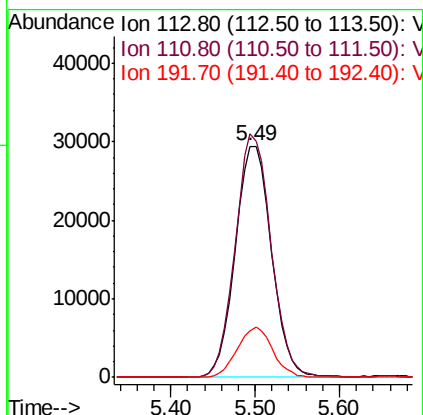
Tgt Ion:113 Resp: 85719

Ion Ratio Lower Upper

113 100

111 104.0 83.4 125.2

192 21.1 16.1 24.1



#36

1,1-Dichloropropene

Concen: 43.462 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

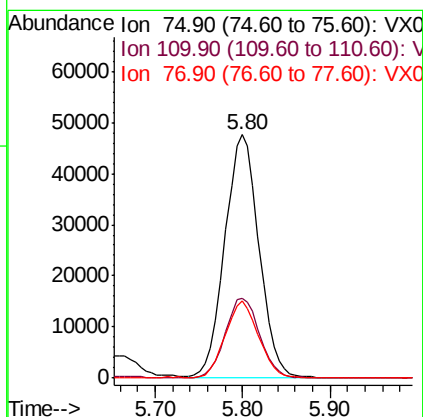
Tgt Ion: 75 Resp: 128788

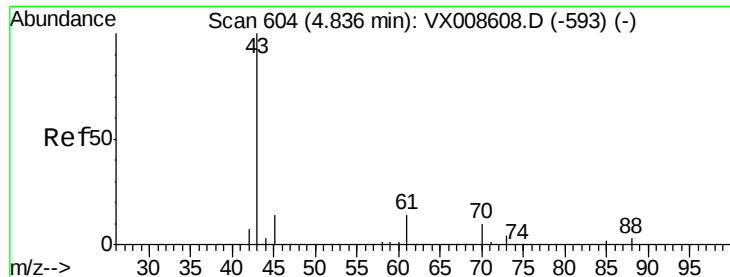
Ion Ratio Lower Upper

75 100

110 33.5 16.4 49.2

77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 48.100 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

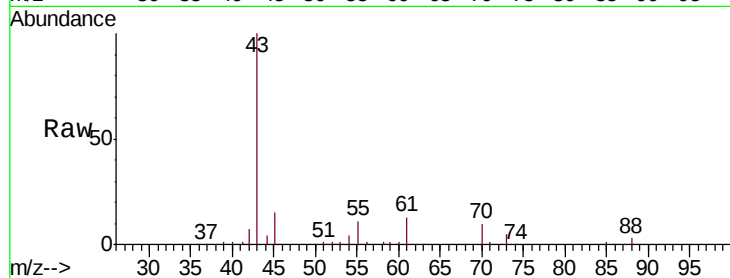
Tgt Ion: 43 Resp: 190247

Ion Ratio Lower Upper

43 100

61 12.8 10.3 15.5

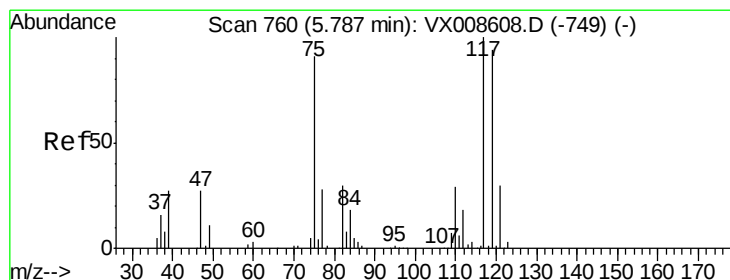
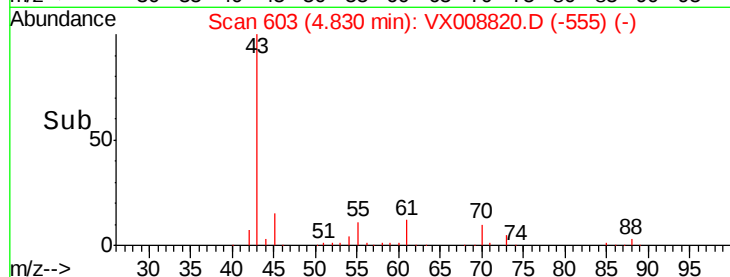
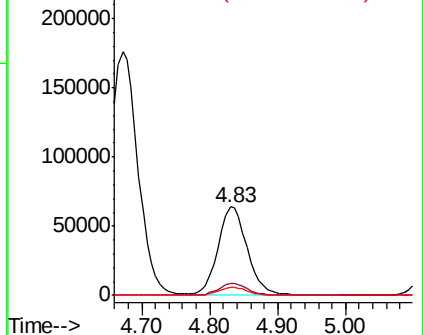
70 9.4 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 45.915 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

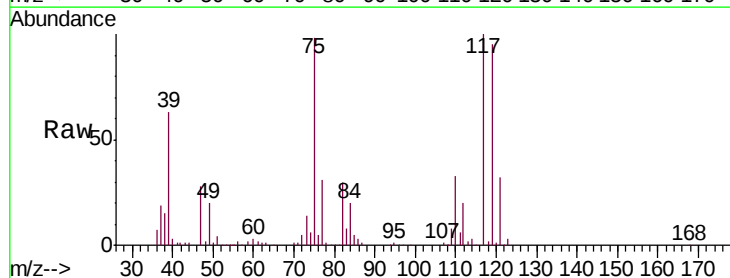
Tgt Ion: 117 Resp: 112608

Ion Ratio Lower Upper

117 100

119 95.0 75.0 112.6

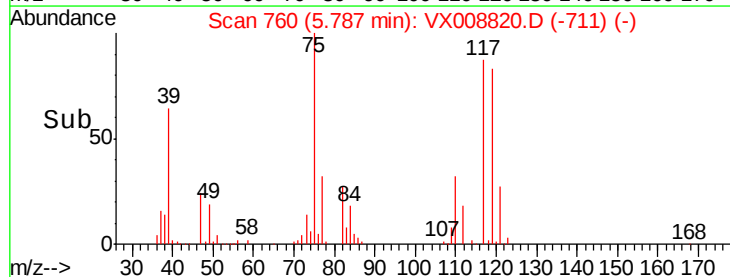
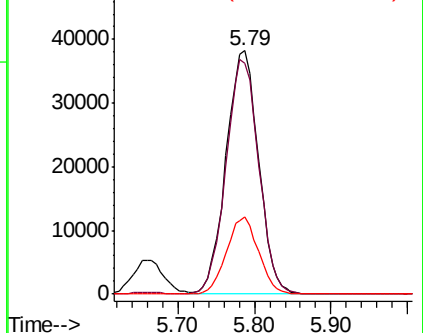
121 31.7 24.3 36.5

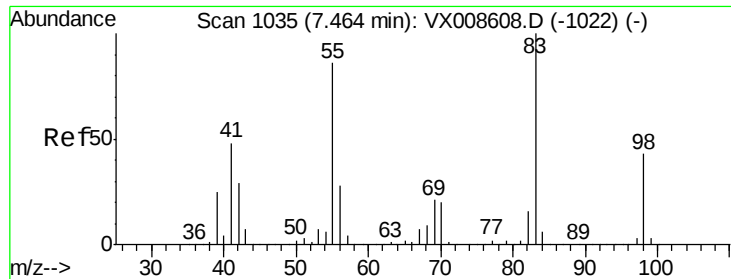


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

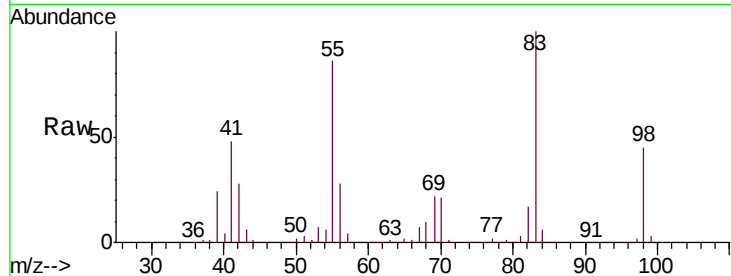




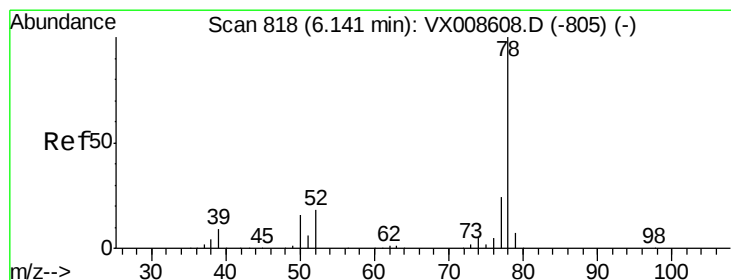
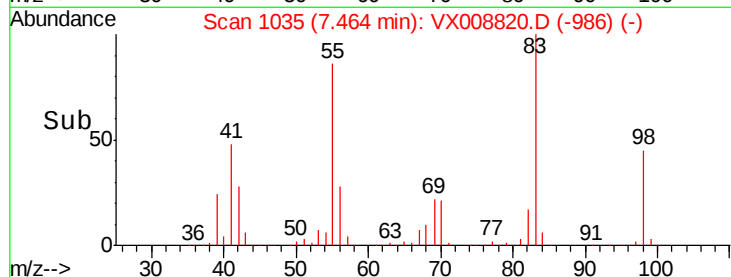
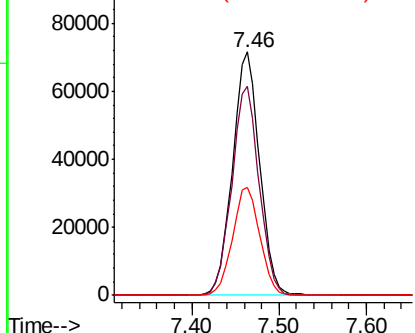
#39
Methylcyclohexane
Concen: 42.133 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 154227
Ion Ratio Lower Upper
83 100
55 86.0 69.0 103.6
98 44.5 34.4 51.6

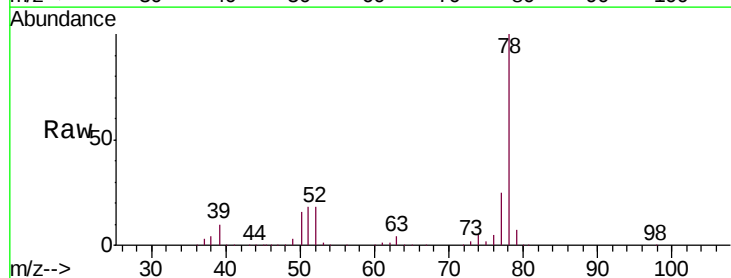


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

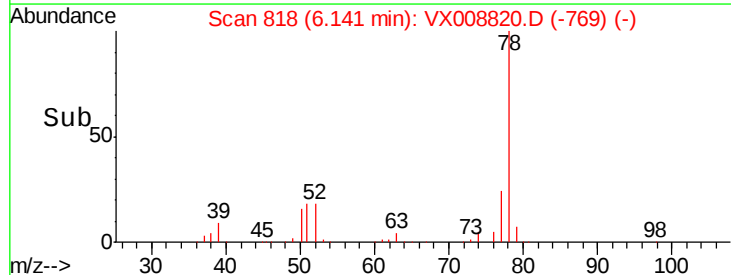
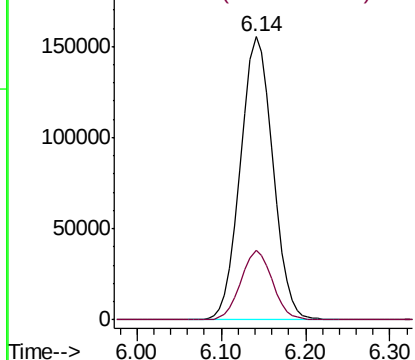


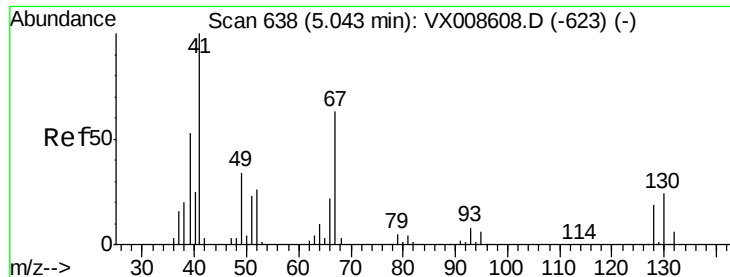
#40
Benzene
Concen: 45.836 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

Tgt Ion: 78 Resp: 404626
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 47.873 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 108839

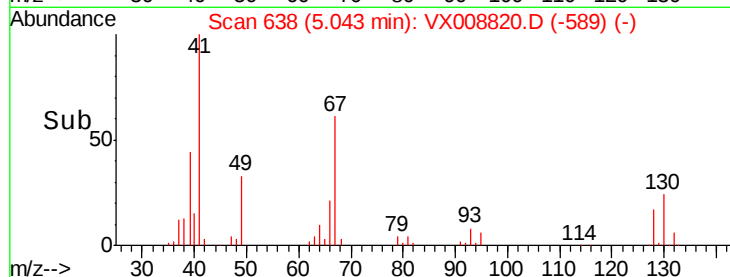
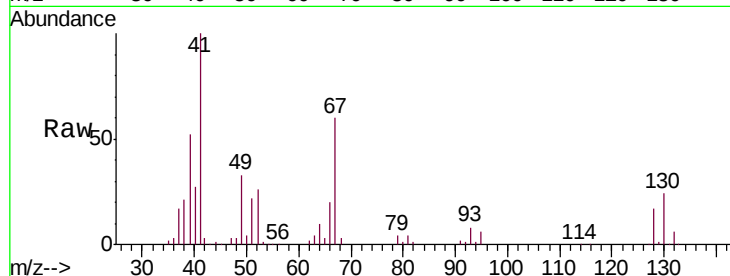
Ion Ratio Lower Upper

41 100

39 52.0 42.1 63.1

67 61.9 51.0 76.6

52 26.0 21.4 32.0

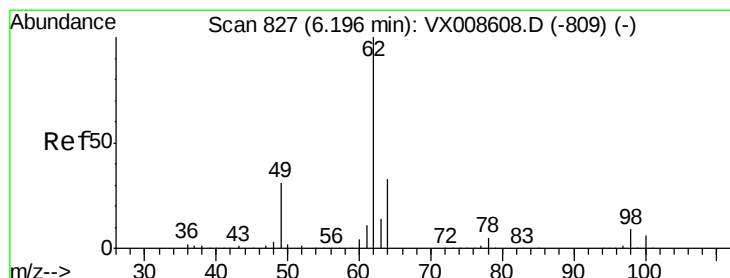
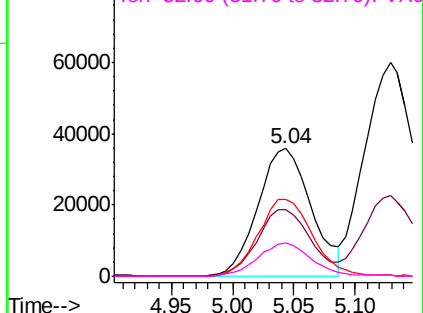


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 45.790 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008820.D

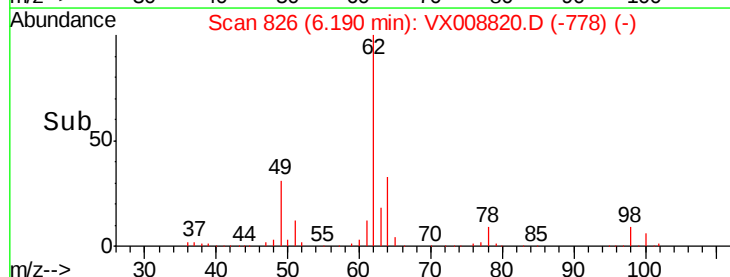
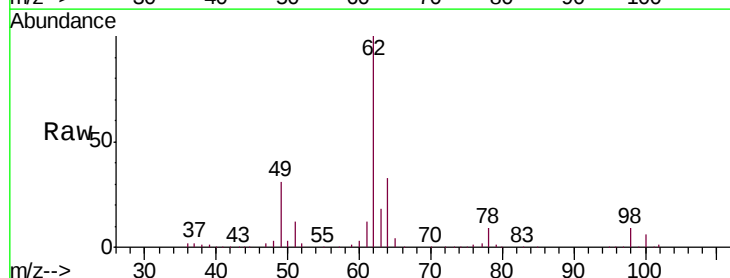
Acq: 10 Apr 2019 21:22

Tgt Ion: 62 Resp: 144915

Ion Ratio Lower Upper

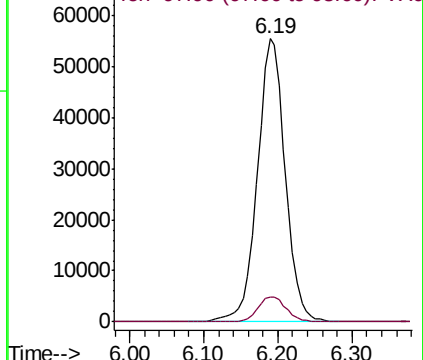
62 100

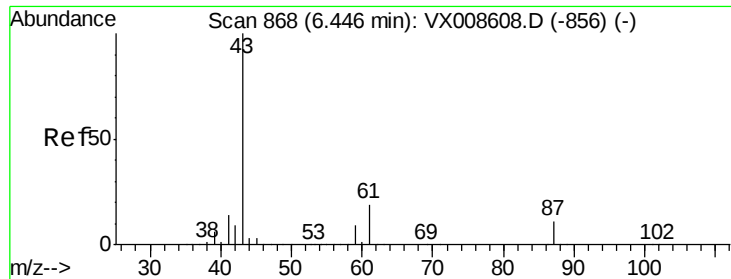
98 8.9 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

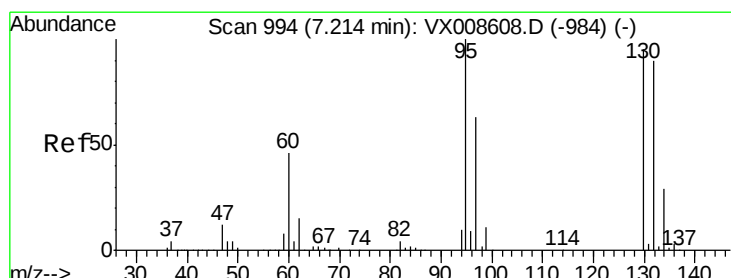
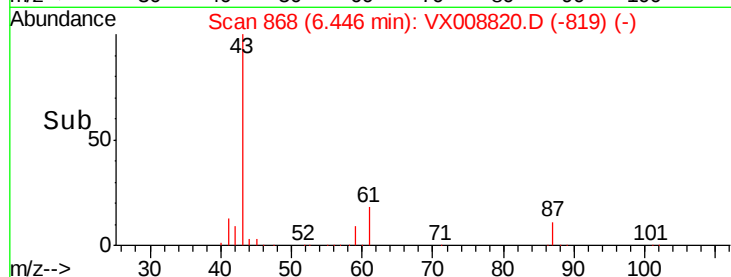
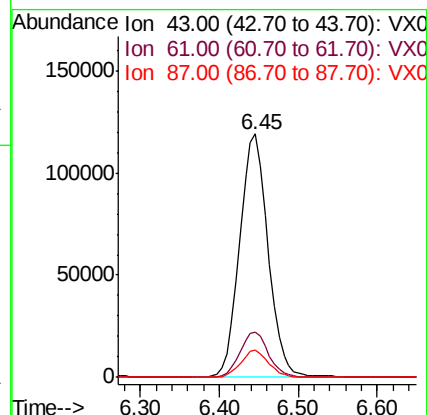
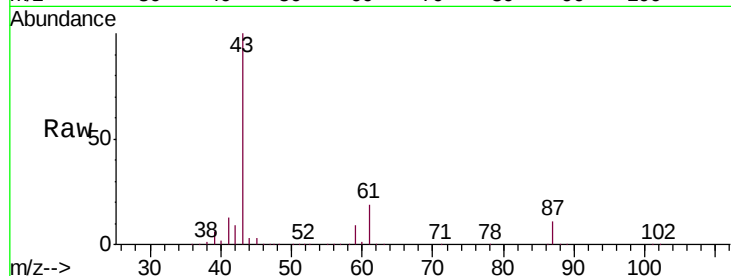




#43
Isopropyl Acetate
Concen: 48.062 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

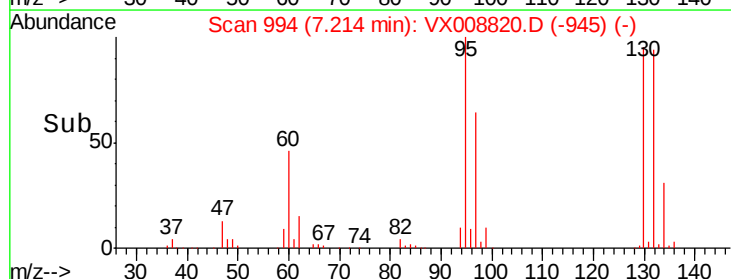
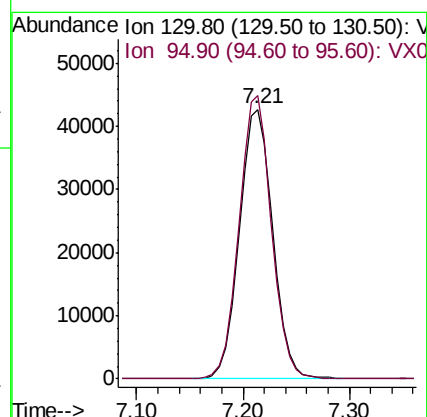
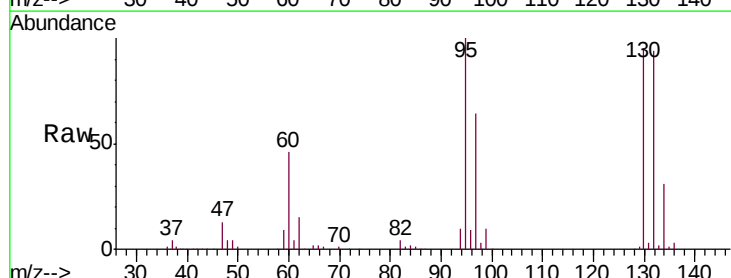
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

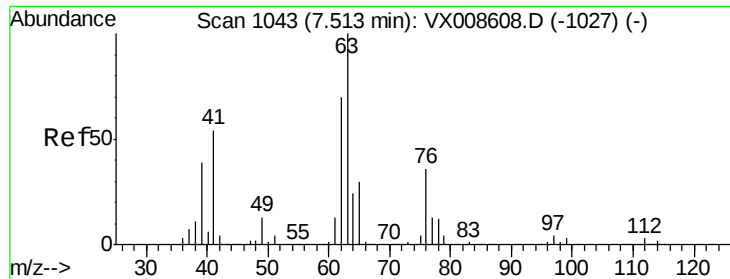
Tgt Ion: 43 Resp: 297789
Ion Ratio Lower Upper
43 100
61 18.8 15.3 22.9
87 11.1 9.0 13.6



#44
Trichloroethene
Concen: 45.549 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

Tgt Ion: 130 Resp: 93651
Ion Ratio Lower Upper
130 100
95 105.1 0.0 209.8

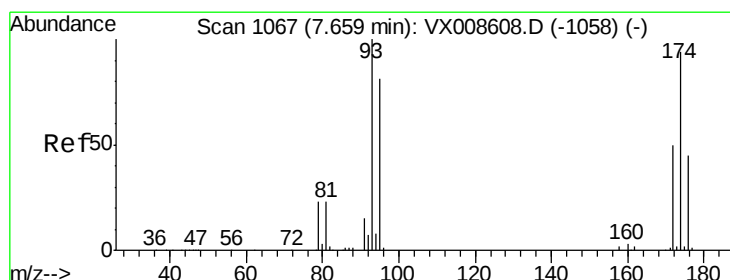
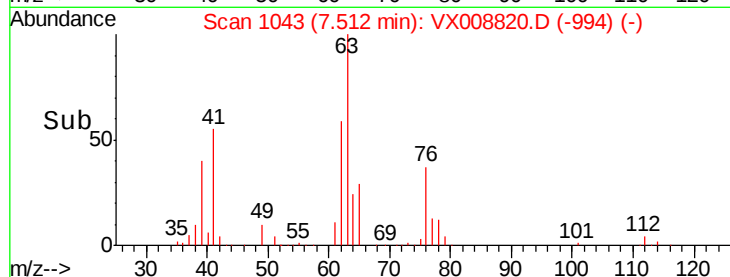
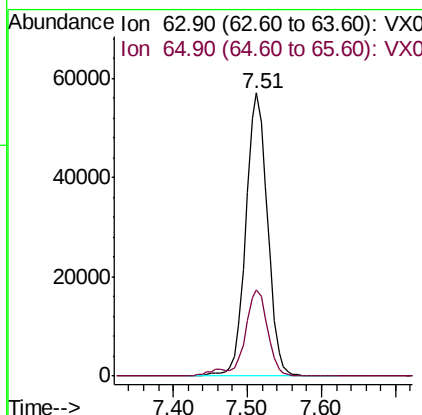
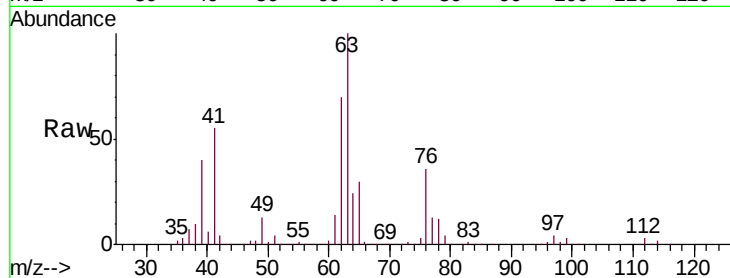




#45
 1,2-Dichloropropane
 Concen: 46.484 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008820.D
 Acq: 10 Apr 2019 21:22

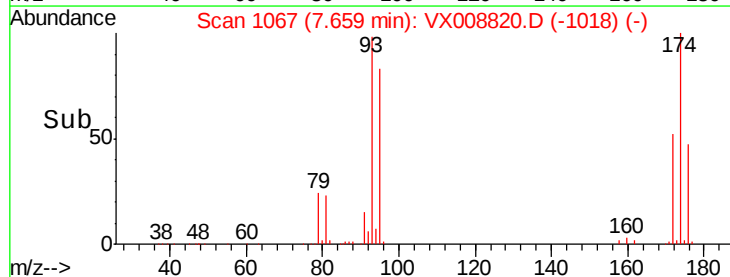
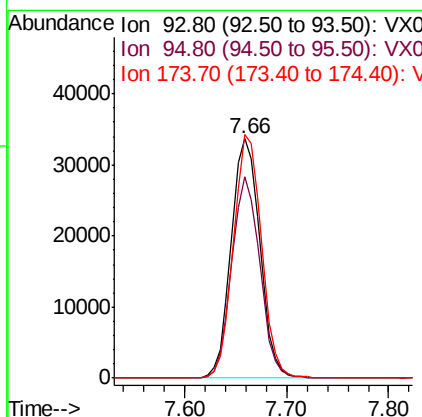
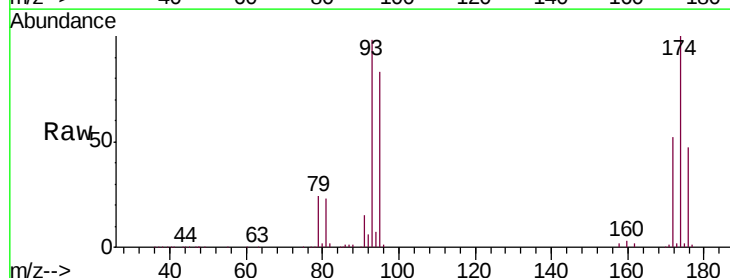
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

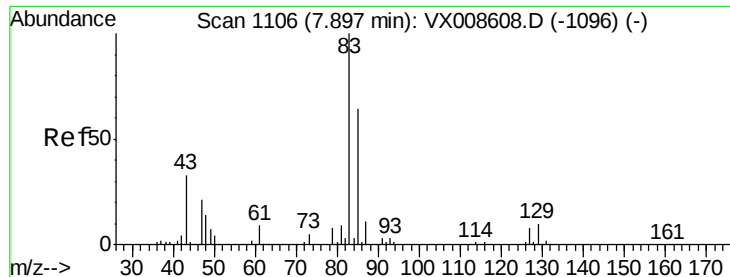
Tgt Ion: 63 Resp: 117122
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.2 36.4



#46
 Dibromomethane
 Concen: 44.934 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008820.D
 Acq: 10 Apr 2019 21:22

Tgt Ion: 93 Resp: 65665
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.6 99.8
 174 99.6 77.7 116.5





#47

Bromodichloromethane

Concen: 47.710 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

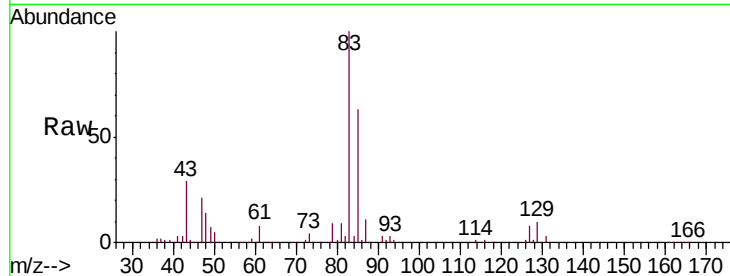
Tgt Ion: 83 Resp: 131460

Ion Ratio Lower Upper

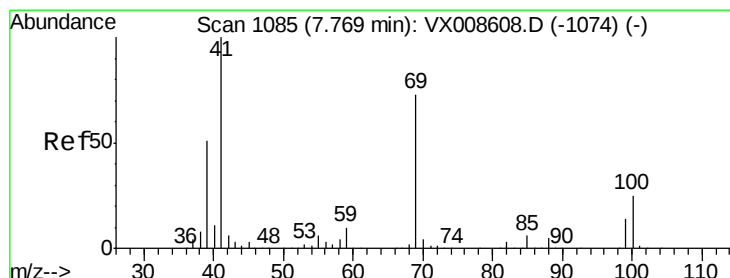
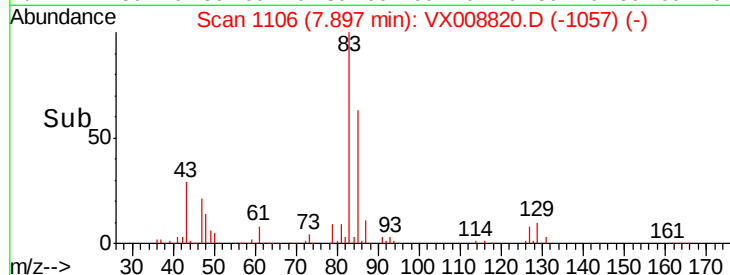
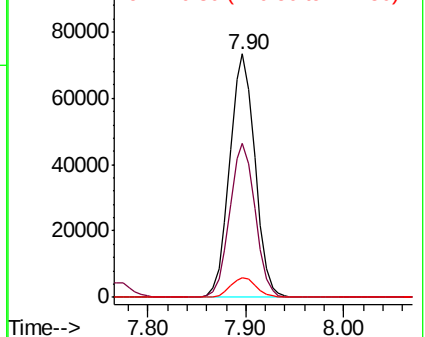
83 100

85 63.2 51.2 76.8

127 8.2 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.416 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

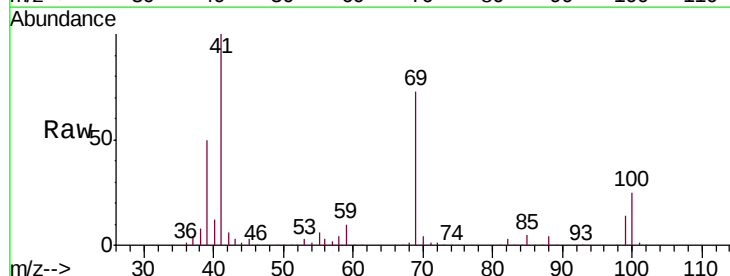
Tgt Ion: 41 Resp: 151746

Ion Ratio Lower Upper

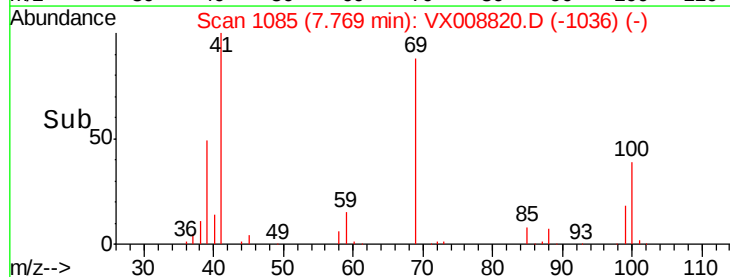
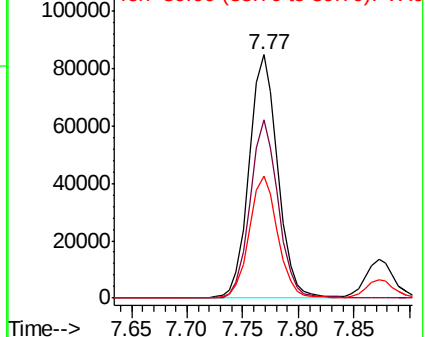
41 100

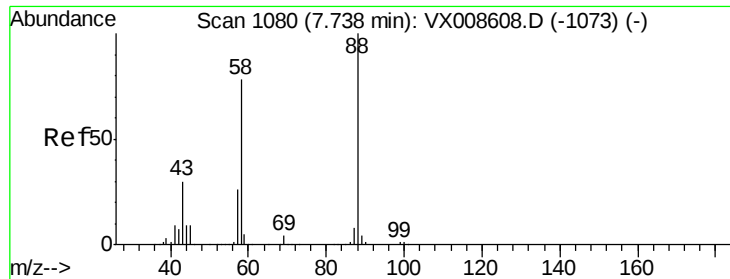
69 72.4 59.0 88.4

39 49.8 41.0 61.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

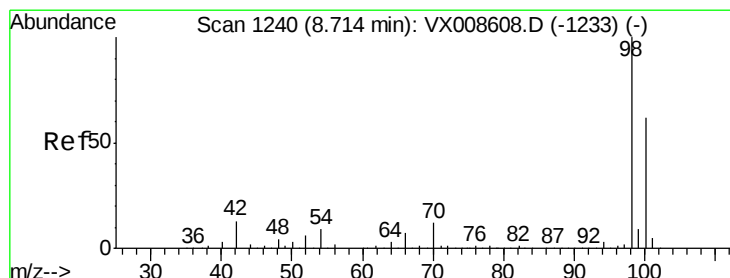
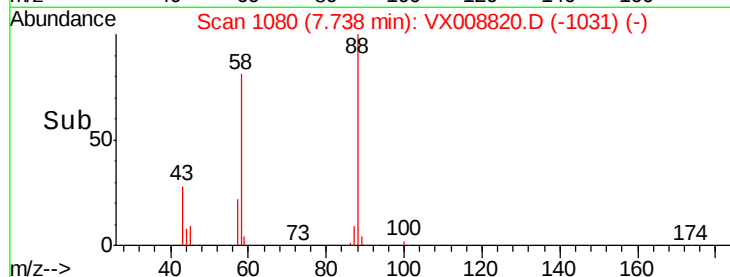
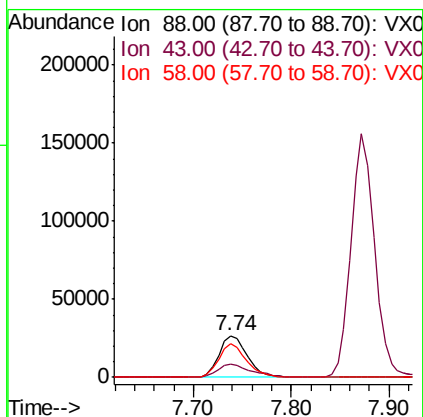
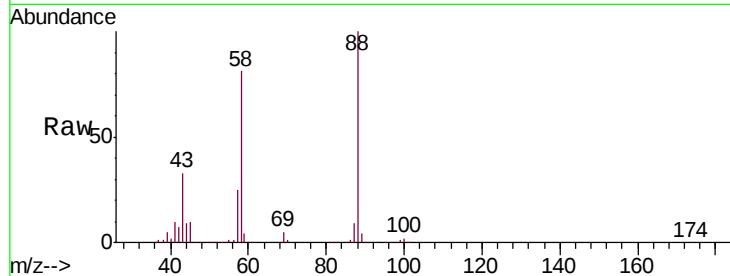




#49
 1,4-Dioxane
 Concen: 919.498 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008820.D
 Acq: 10 Apr 2019 21:22

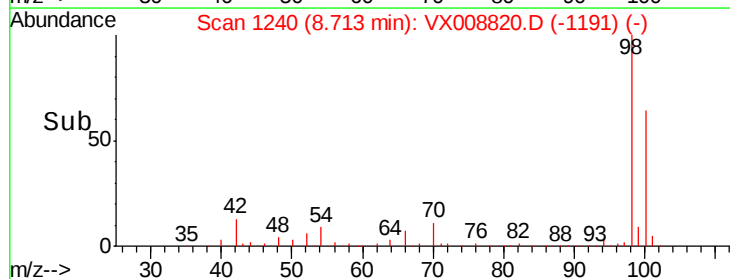
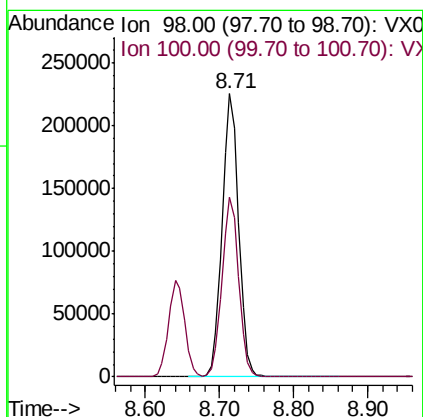
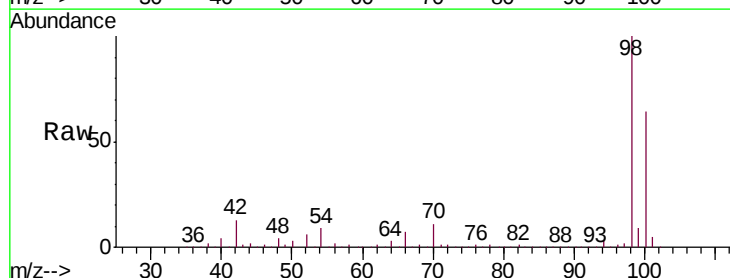
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

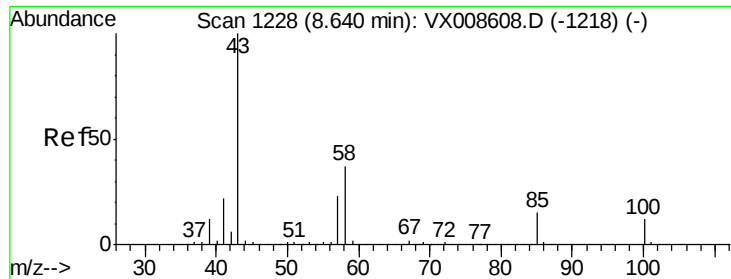
Tgt Ion: 88 Resp: 53986
 Ion Ratio Lower Upper
 88 100
 43 37.0 28.6 43.0
 58 79.8 62.2 93.2



#50
 Toluene-d8
 Concen: 50.313 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008820.D
 Acq: 10 Apr 2019 21:22

Tgt Ion: 98 Resp: 347218
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 245.221 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

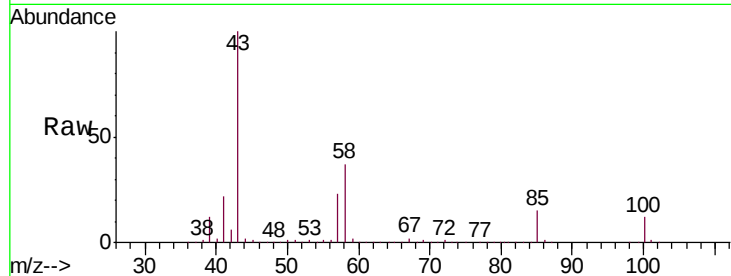
VSTDCCC050

Tgt Ion: 43 Resp: 978072

Ion Ratio Lower Upper

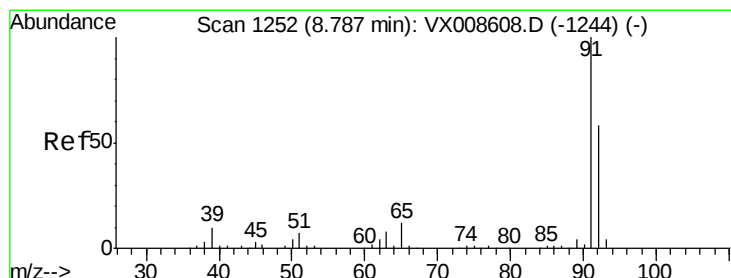
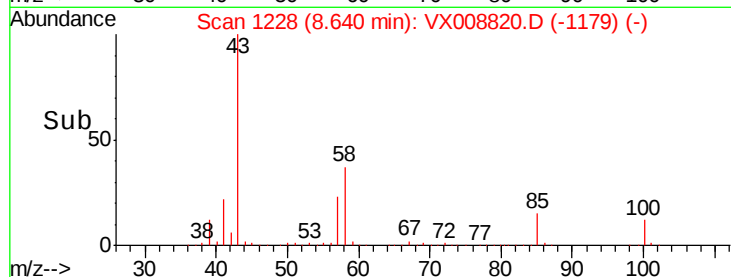
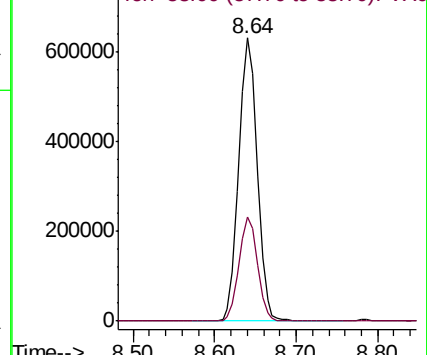
43 100

58 36.5 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 46.668 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008820.D

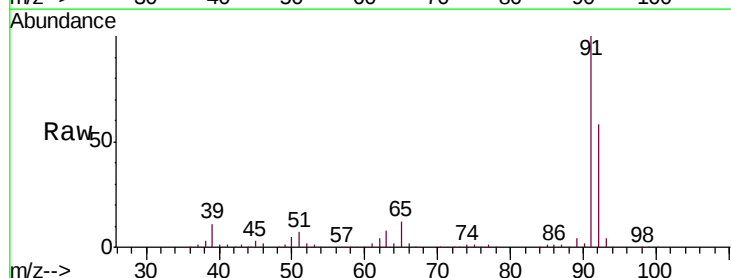
Acq: 10 Apr 2019 21:22

Tgt Ion: 92 Resp: 242879

Ion Ratio Lower Upper

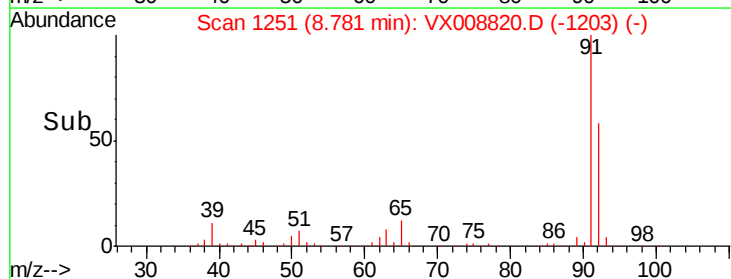
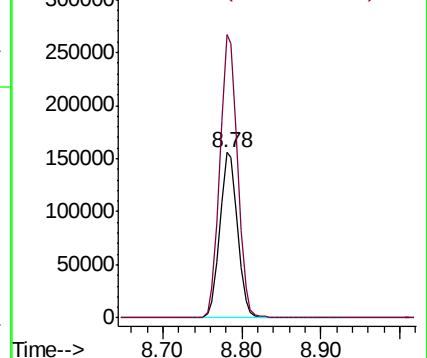
92 100

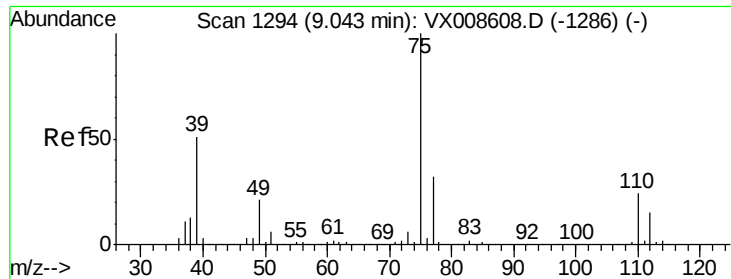
91 172.2 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

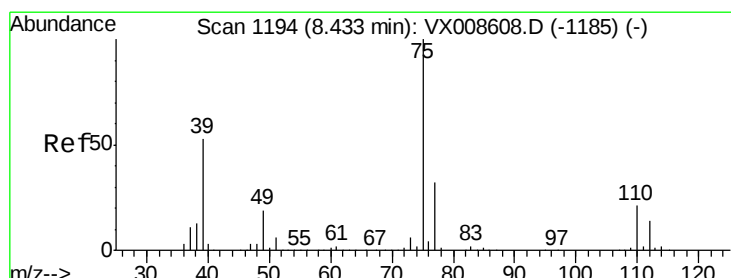
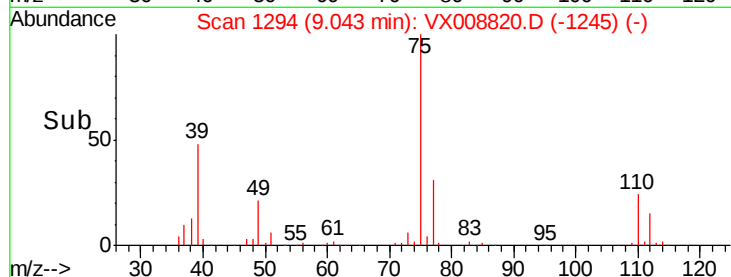
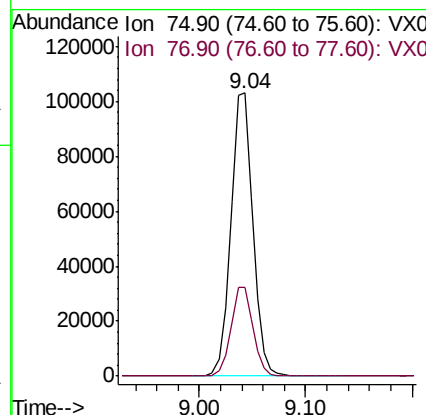
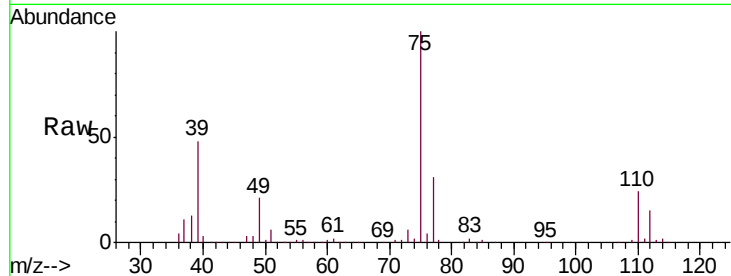




#53
 t-1,3-Dichloropropene
 Concen: 48.529 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008820.D
 Acq: 10 Apr 2019 21:22

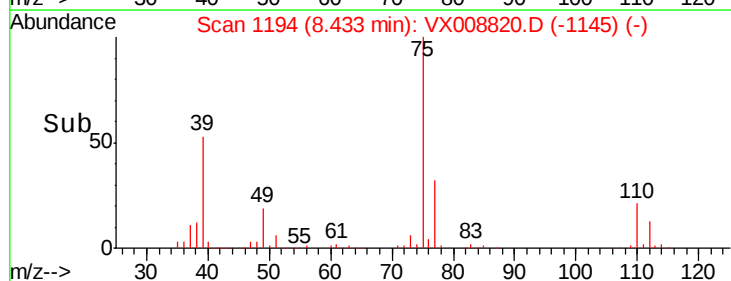
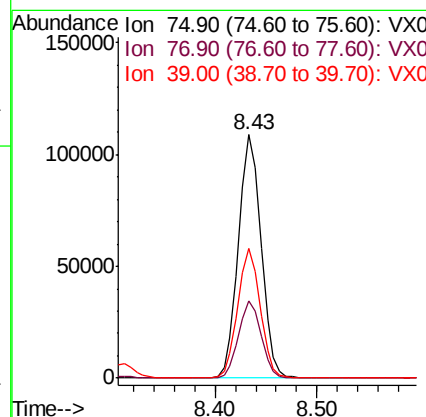
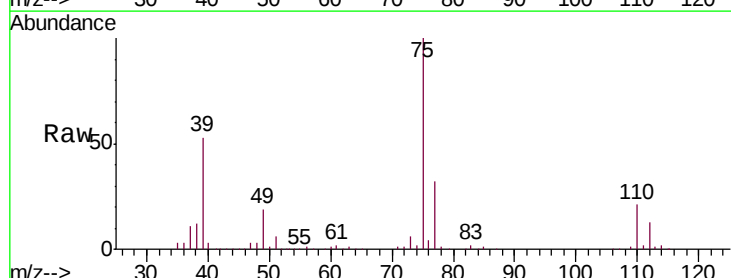
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

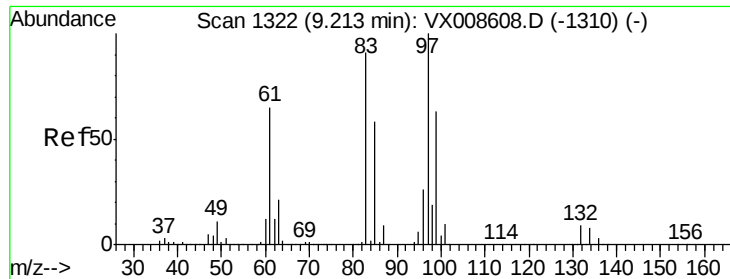
Tgt Ion: 75 Resp: 149784
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 47.340 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008820.D
 Acq: 10 Apr 2019 21:22

Tgt Ion: 75 Resp: 166955
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.3 37.9
 39 53.3 42.6 63.8

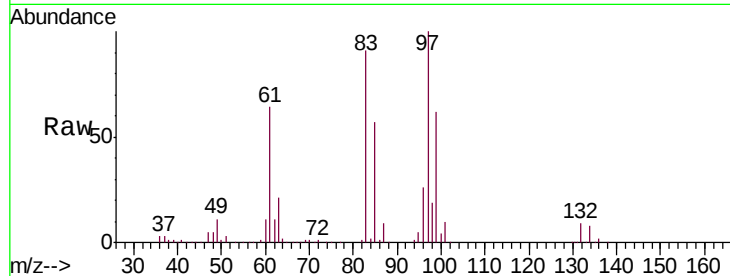




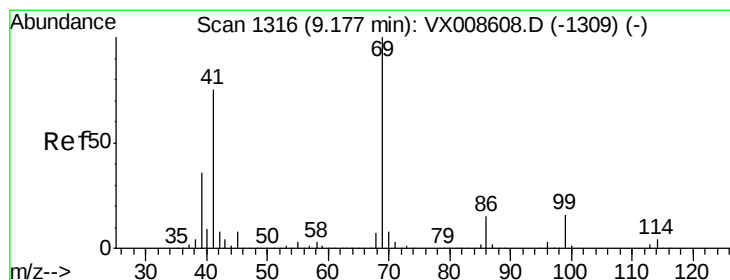
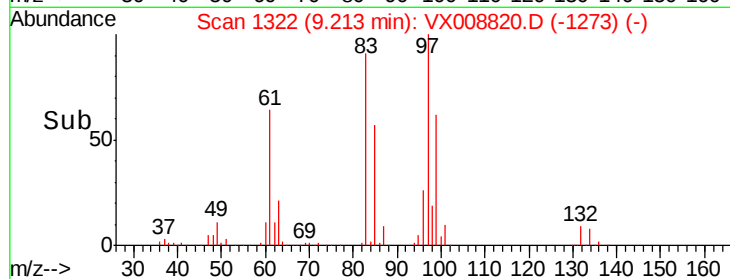
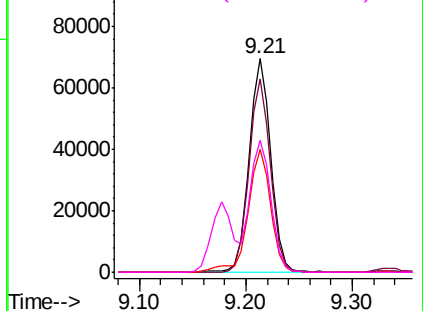
#55
 1,1,2-Trichloroethane
 Concen: 47.628 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008820.D
 Acq: 10 Apr 2019 21:22

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tgt Ion: 97 Resp: 99498
 Ion Ratio Lower Upper
 97 100
 83 90.5 73.2 109.8
 85 57.5 46.6 69.8
 99 61.6 50.1 75.1

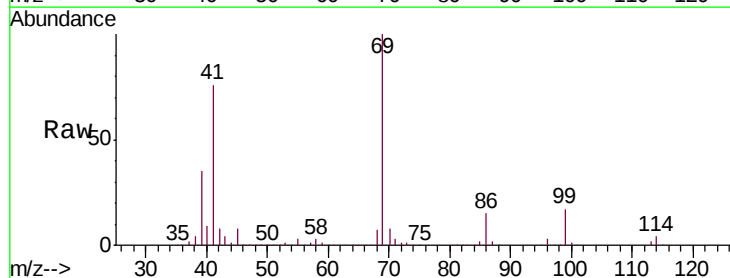


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

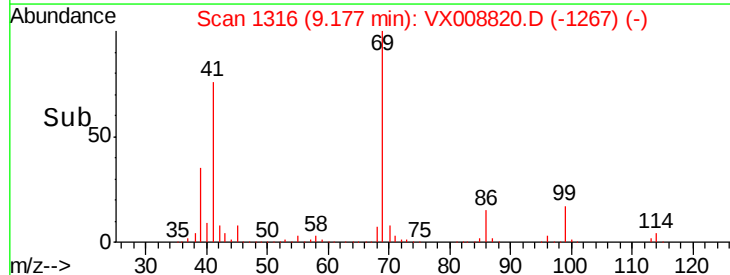
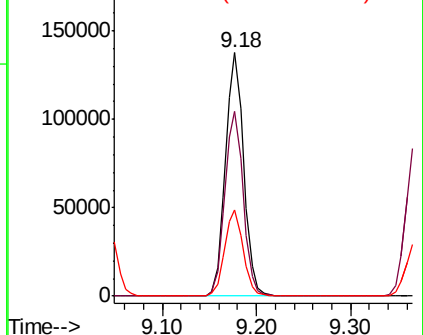


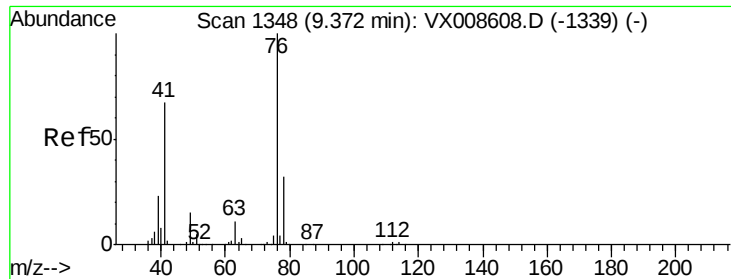
#56
 Ethyl methacrylate
 Concen: 49.035 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008820.D
 Acq: 10 Apr 2019 21:22

Tgt Ion: 69 Resp: 185343
 Ion Ratio Lower Upper
 69 100
 41 76.2 60.1 90.1
 39 35.5 28.9 43.3



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 47.279 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

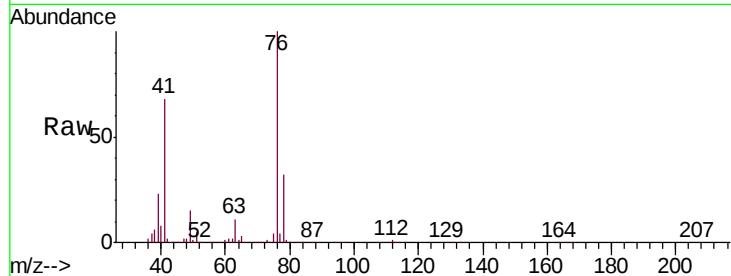
VSTDCCC050

Tgt Ion: 76 Resp: 177356

Ion Ratio Lower Upper

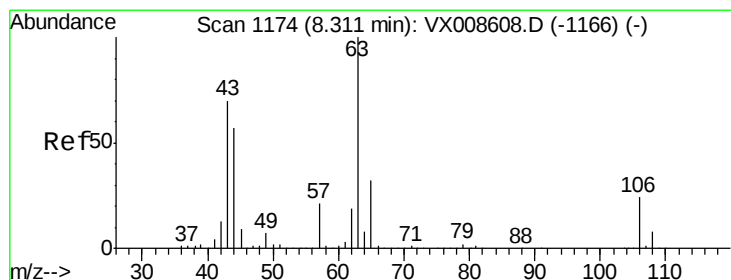
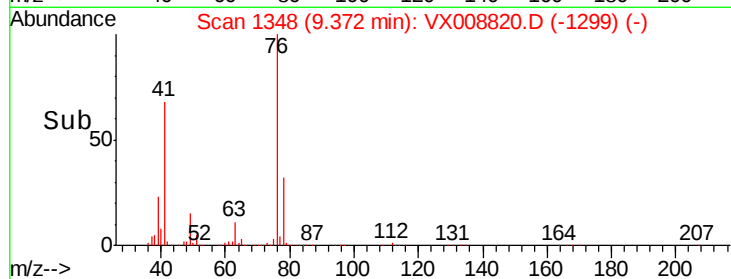
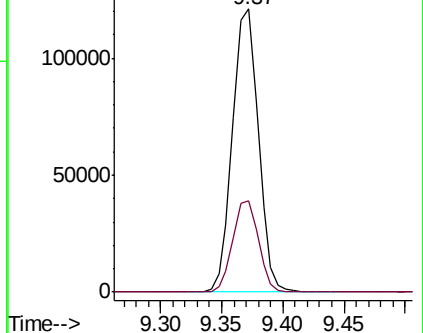
76 100

78 32.4 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 256.046 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008820.D

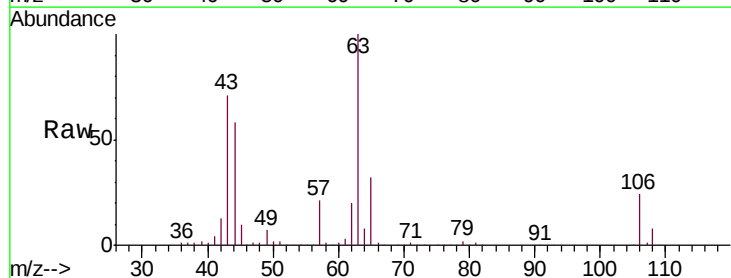
Acq: 10 Apr 2019 21:22

Tgt Ion: 63 Resp: 494181

Ion Ratio Lower Upper

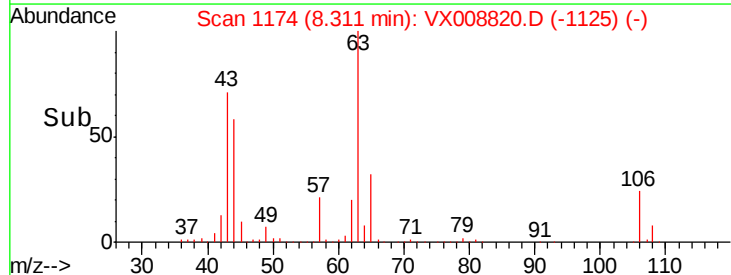
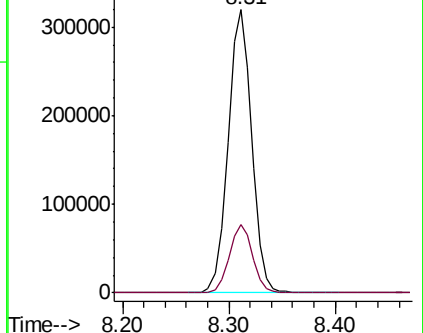
63 100

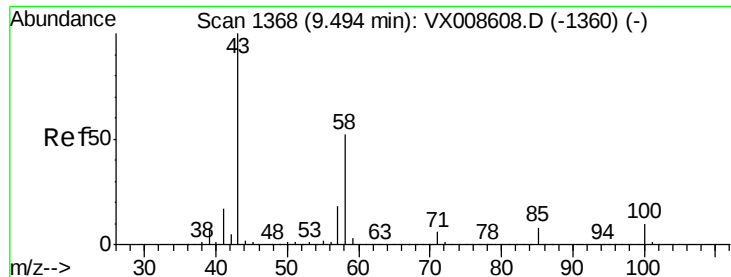
106 24.0 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

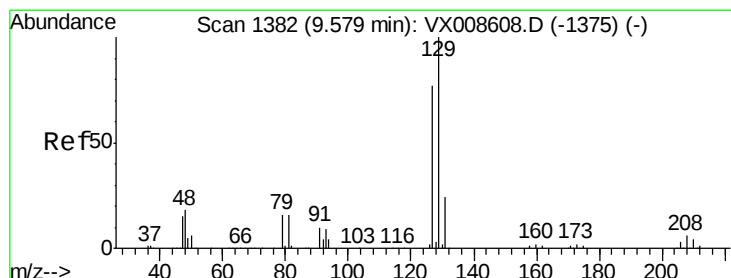
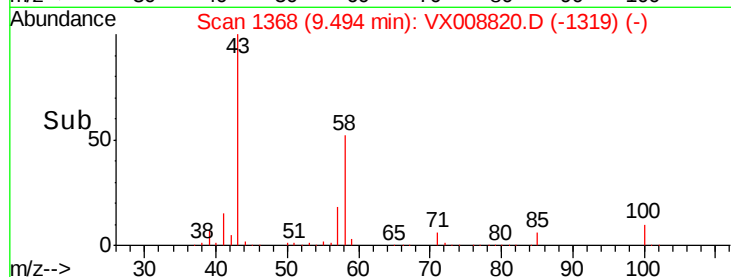
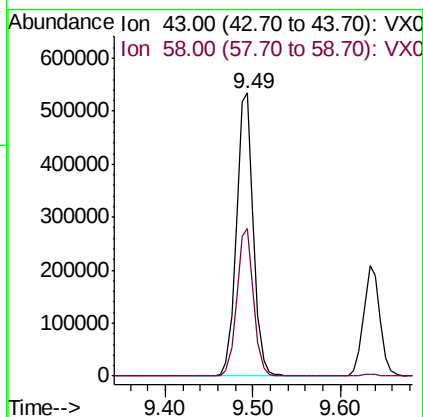
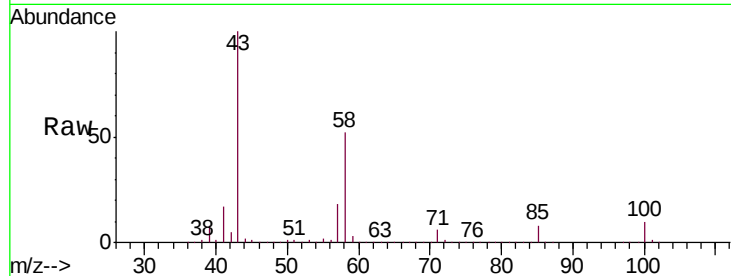




#59
2-Hexanone
Concen: 233.966 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

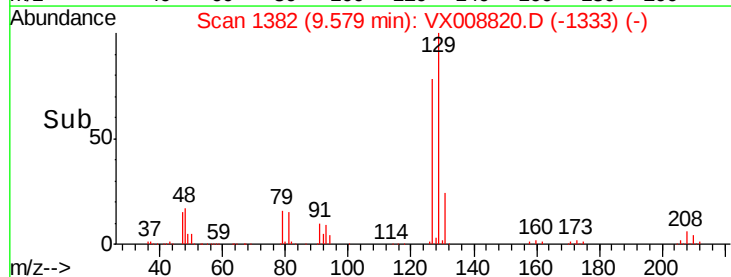
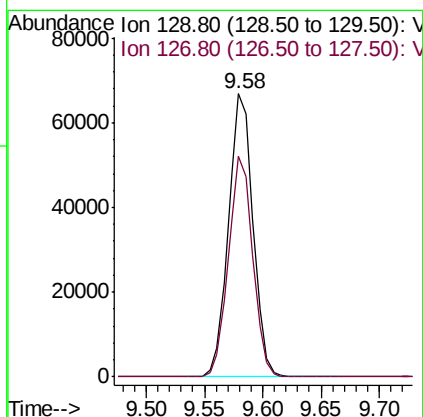
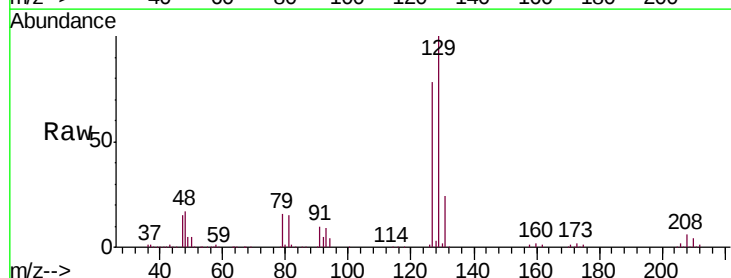
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

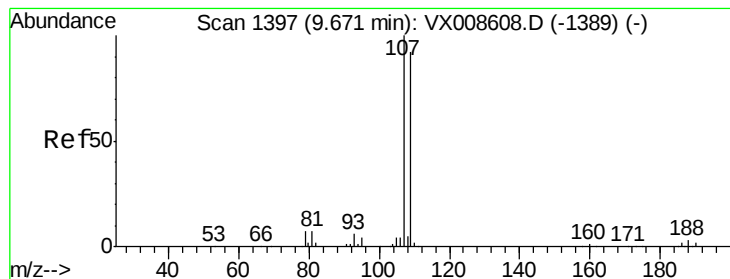
Tgt Ion: 43 Resp: 725220
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.7



#60
Dibromochloromethane
Concen: 49.711 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

Tgt Ion: 129 Resp: 97861
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 46.890 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

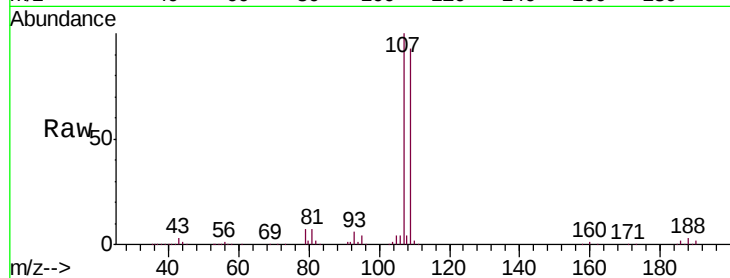
VSTDCCC050

Tgt Ion: 107 Resp: 101978

Ion Ratio Lower Upper

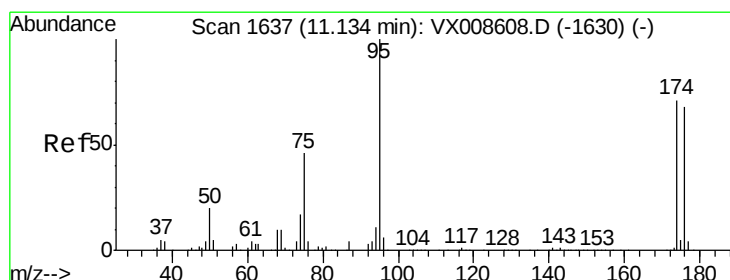
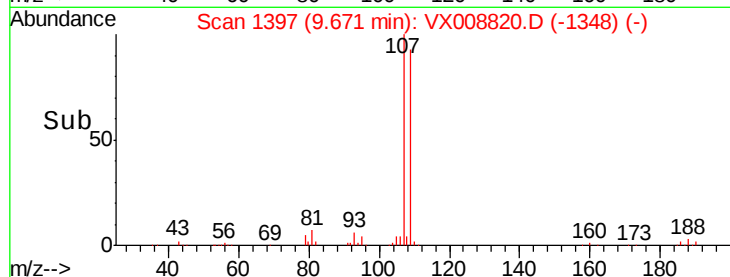
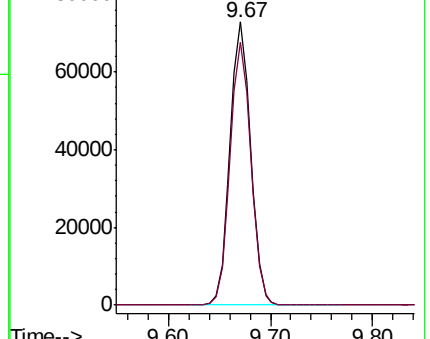
107 100

109 93.6 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.446 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

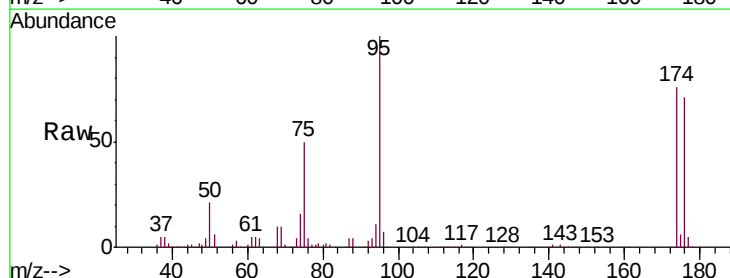
Tgt Ion: 95 Resp: 123455

Ion Ratio Lower Upper

95 100

174 78.8 0.0 151.8

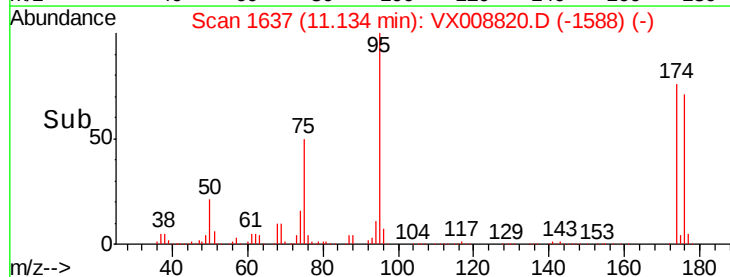
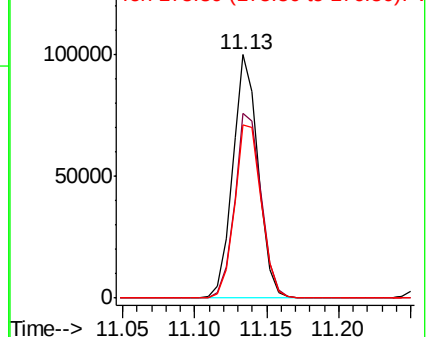
176 75.3 0.0 145.8

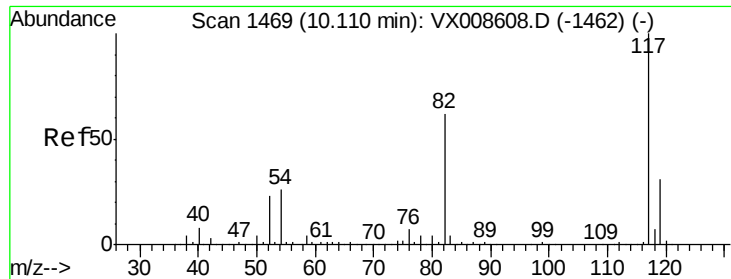


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

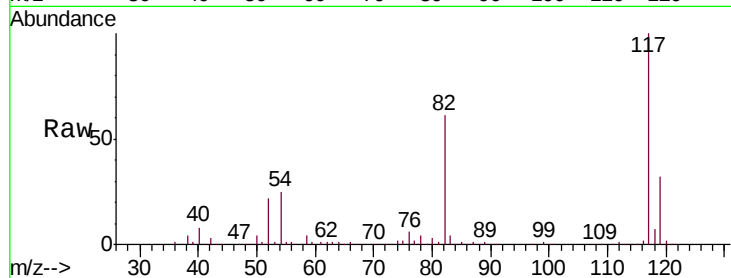




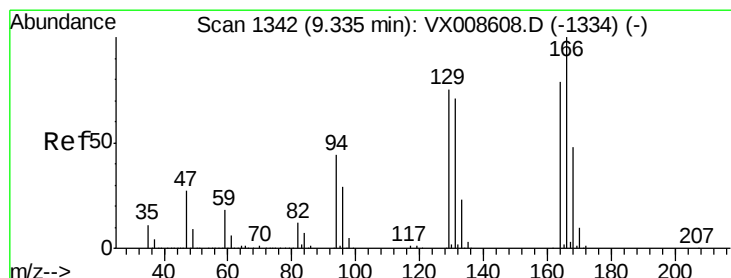
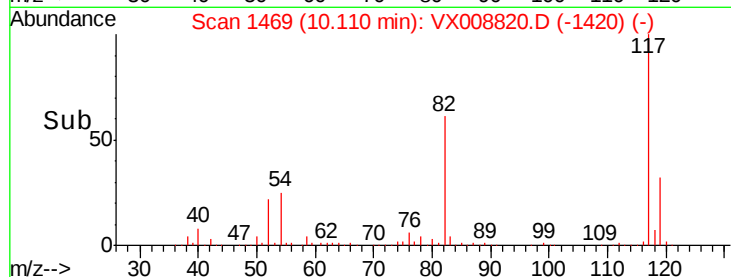
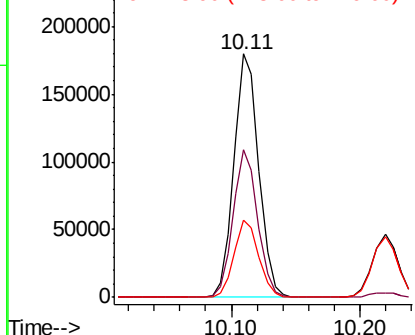
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 241857
Ion Ratio Lower Upper
117 100
82 60.6 49.6 74.4
119 31.9 25.0 37.4



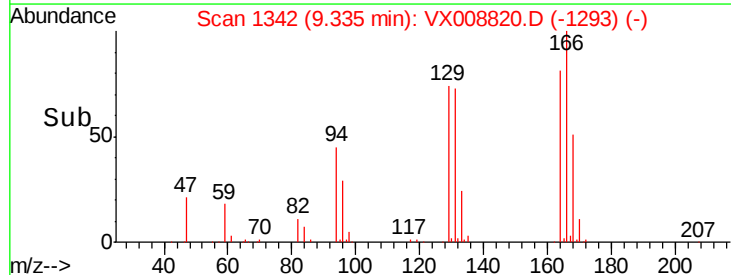
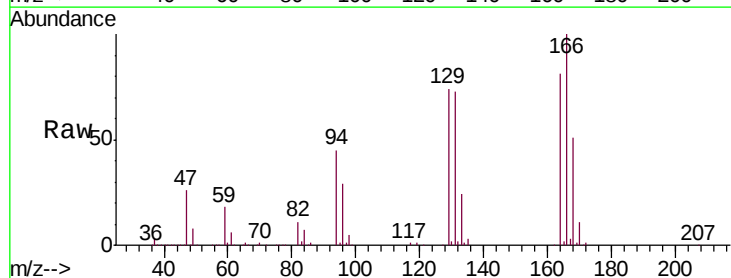
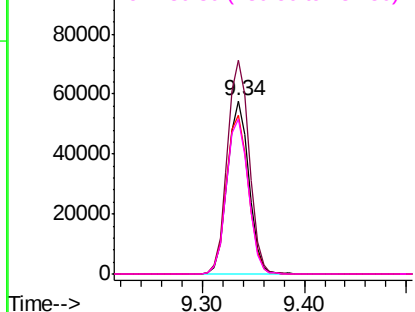
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

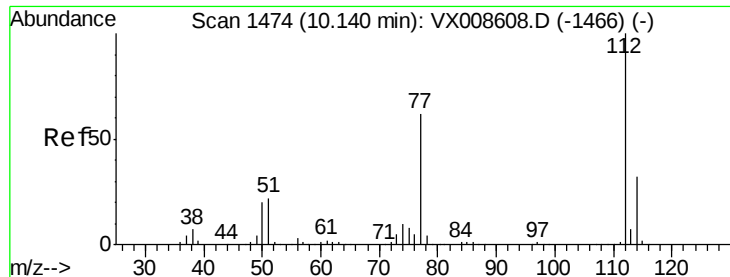


#64
Tetrachloroethene
Concen: 46.622 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

Tgt Ion:164 Resp: 83542
Ion Ratio Lower Upper
164 100
166 123.6 101.0 151.6
129 91.8 75.8 113.8
131 89.8 71.8 107.8

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

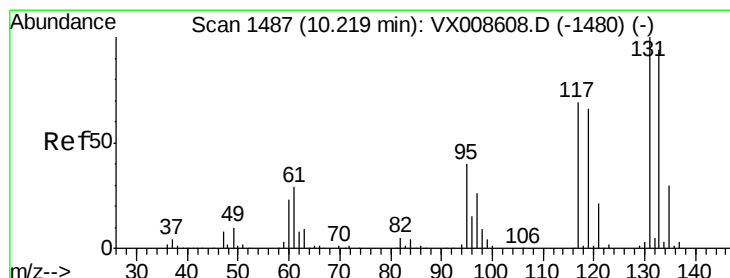
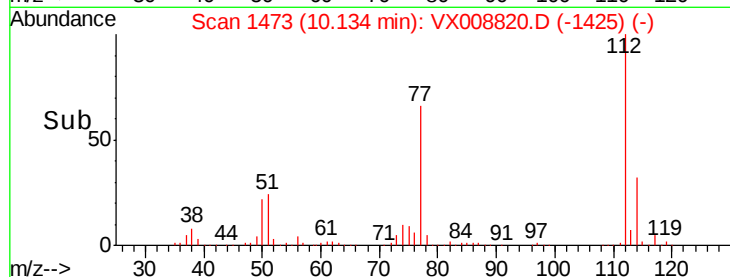
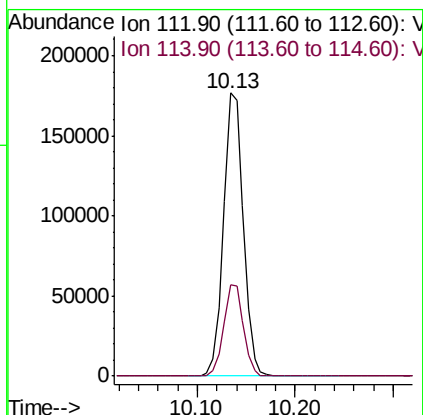
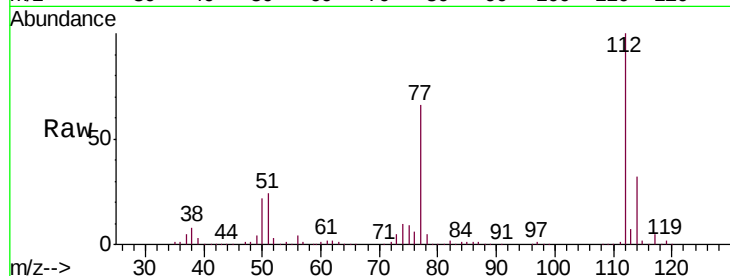




#65
Chlorobenzene
Concen: 46.208 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

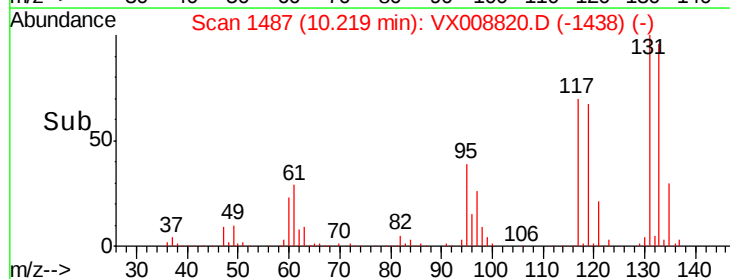
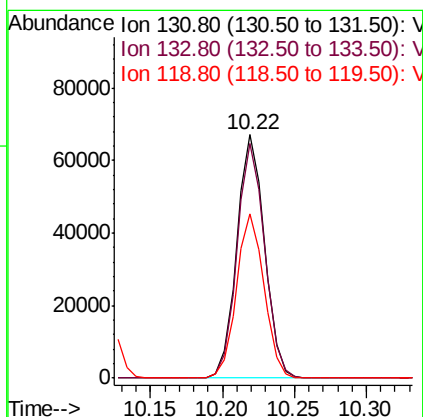
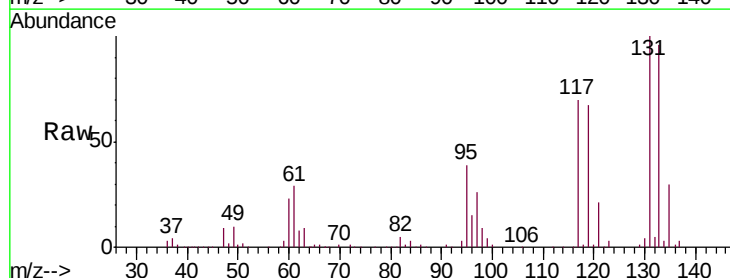
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

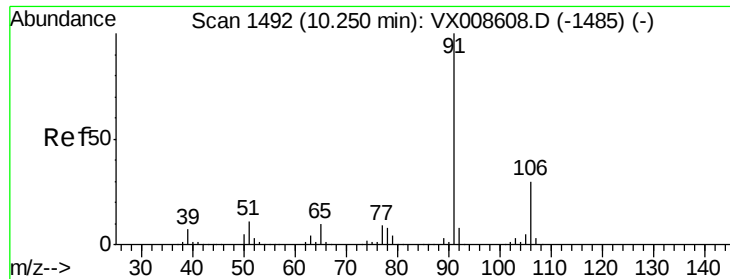
Tgt Ion:112 Resp: 247732
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 47.729 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

Tgt Ion:131 Resp: 89770
Ion Ratio Lower Upper
131 100
133 96.1 47.0 141.2
119 67.4 33.7 101.0





#67

Ethyl Benzene

Concen: 46.297 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

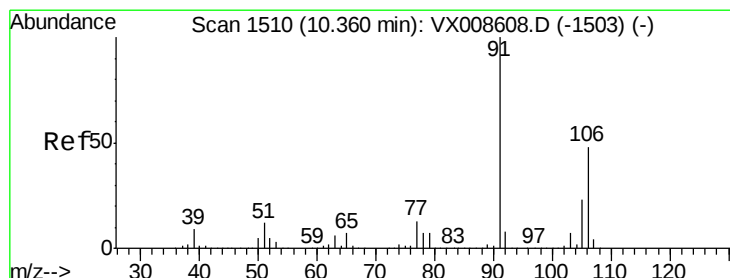
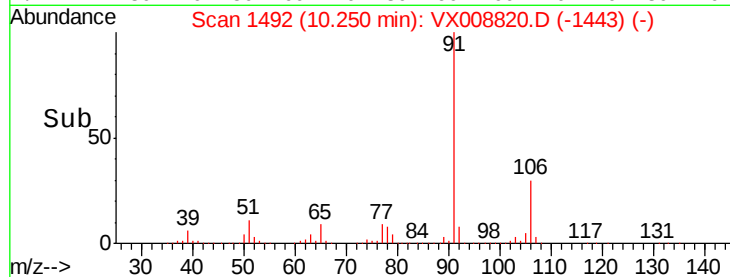
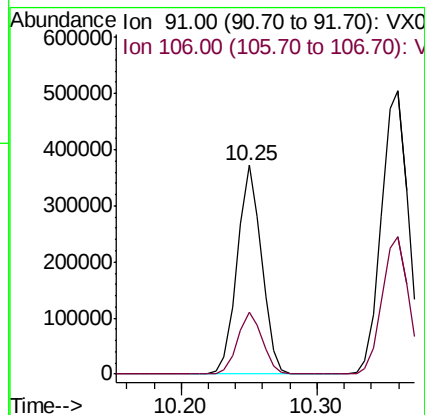
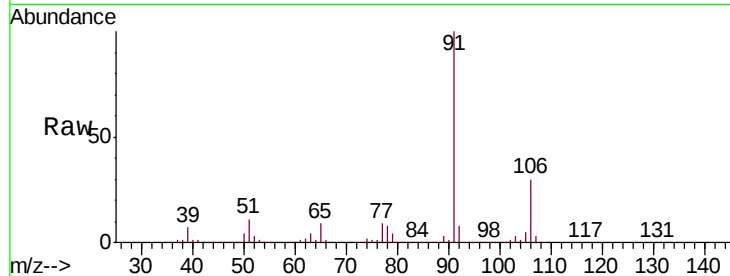
VSTDCCC050

Tgt Ion: 91 Resp: 462824

Ion Ratio Lower Upper

91 100

106 29.9 23.7 35.5



#68

m/p-Xylenes

Concen: 92.561 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008820.D

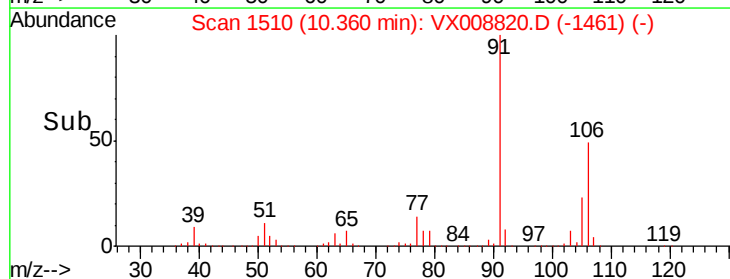
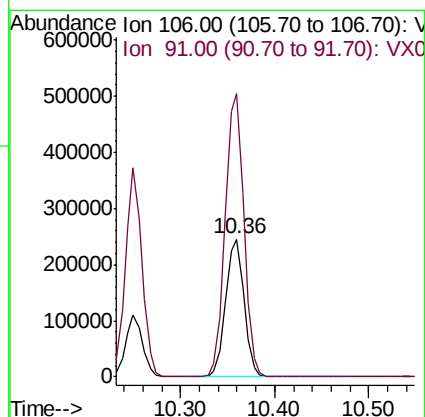
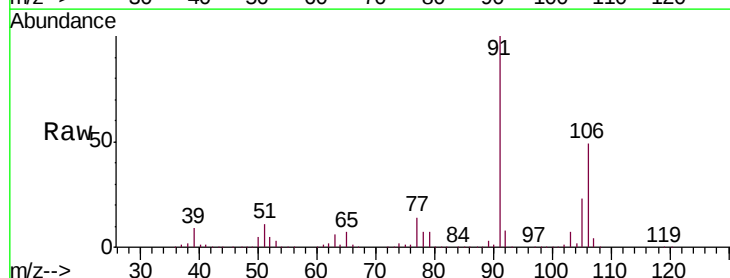
Acq: 10 Apr 2019 21:22

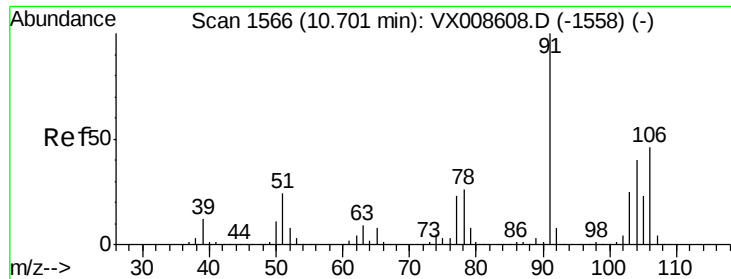
Tgt Ion: 106 Resp: 332704

Ion Ratio Lower Upper

106 100

91 208.3 168.5 252.7

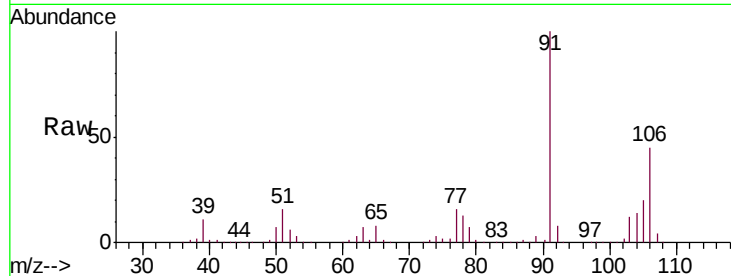




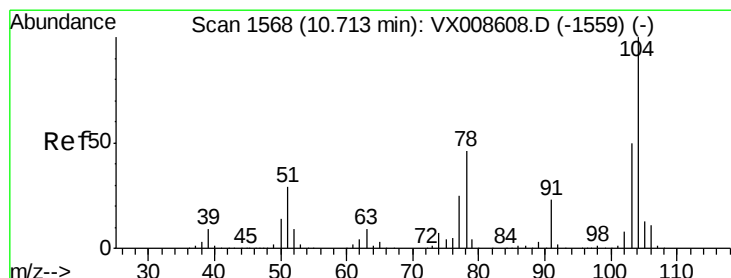
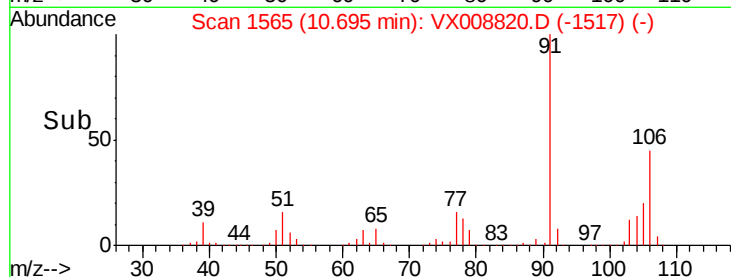
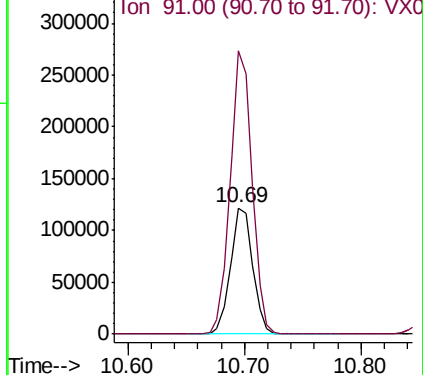
#69
o-Xylene
Concen: 46.664 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 162551
Ion Ratio Lower Upper
106 100
91 220.3 111.5 334.4

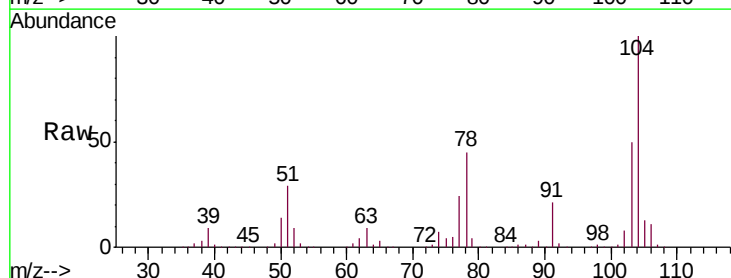


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

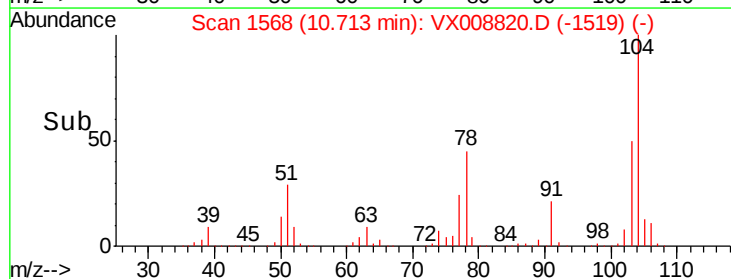
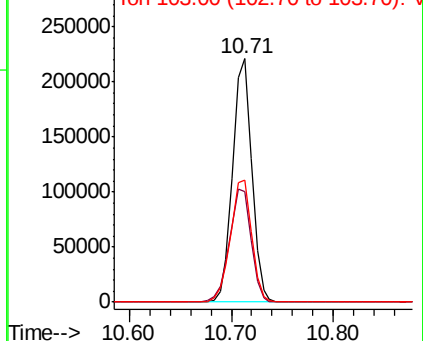


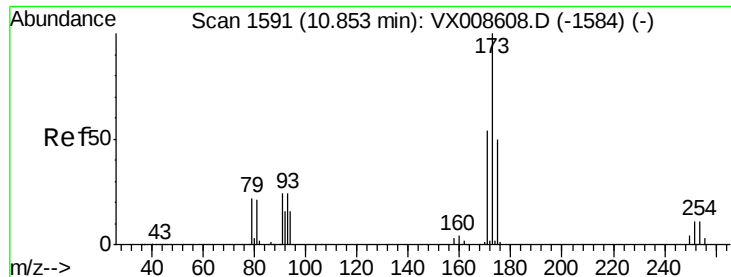
#70
Styrene
Concen: 47.624 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

Tgt Ion:104 Resp: 285959
Ion Ratio Lower Upper
104 100
78 52.4 42.3 63.5
103 55.4 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 49.238 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

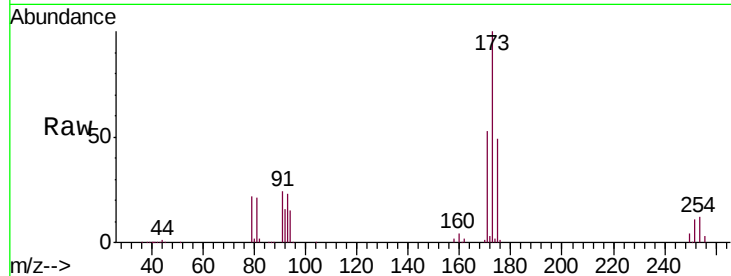
Tgt Ion:173 Resp: 70728

Ion Ratio Lower Upper

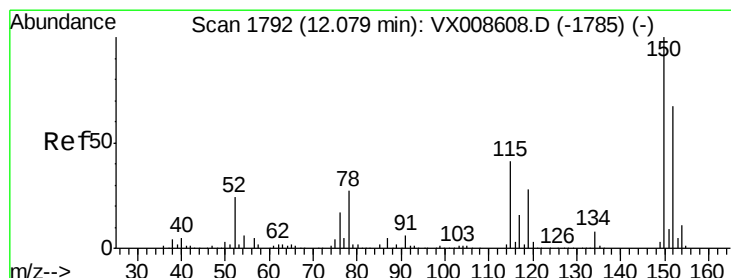
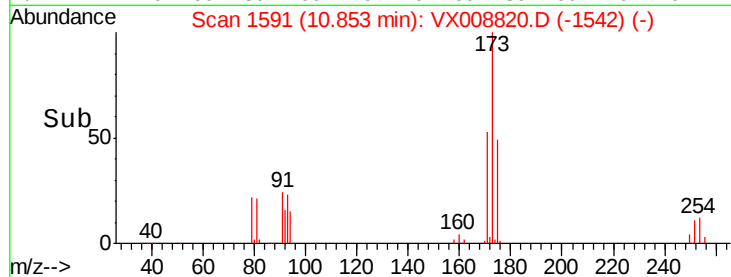
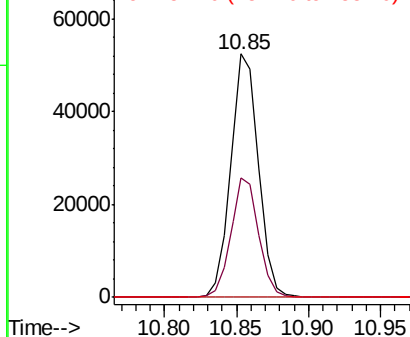
173 100

175 49.0 24.9 74.6

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

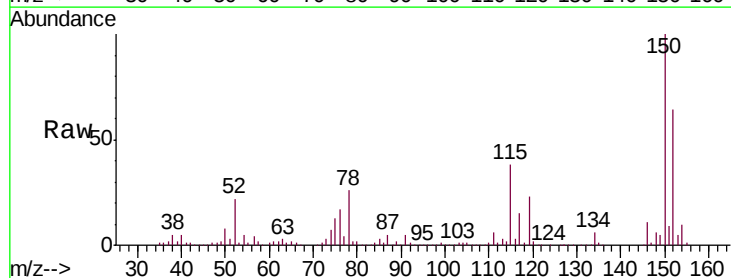
Tgt Ion:152 Resp: 110212

Ion Ratio Lower Upper

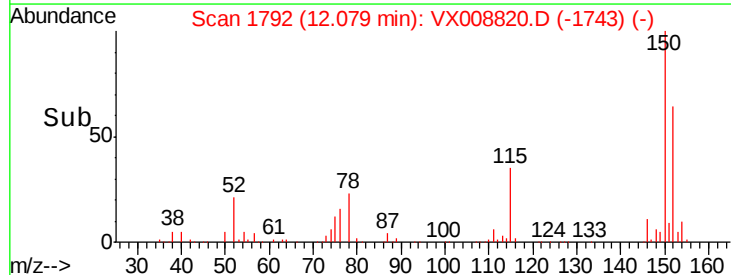
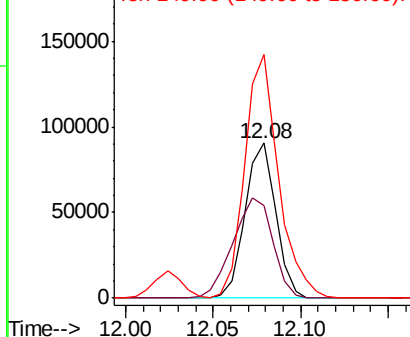
152 100

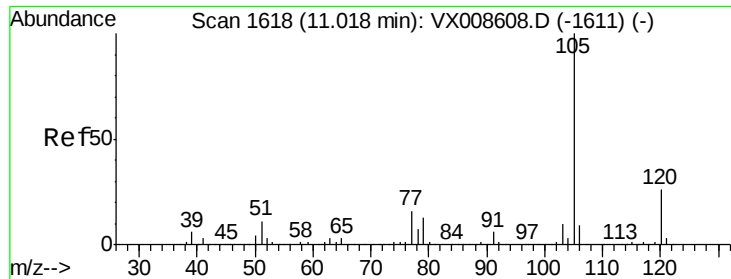
115 84.1 43.5 130.5

150 172.7 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.667 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

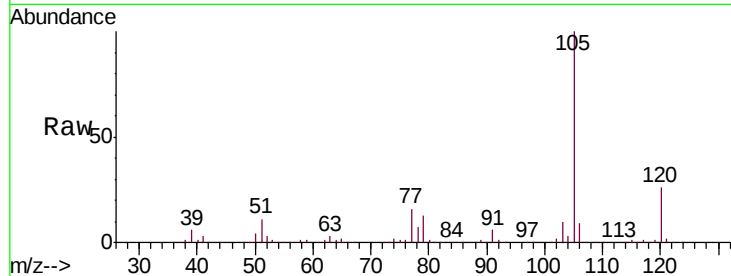
VSTDCCC050

Tgt Ion: 105 Resp: 435375

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

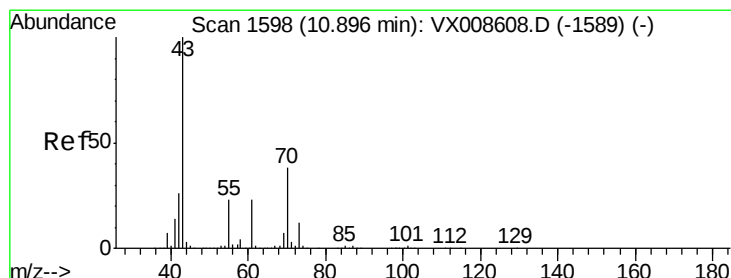
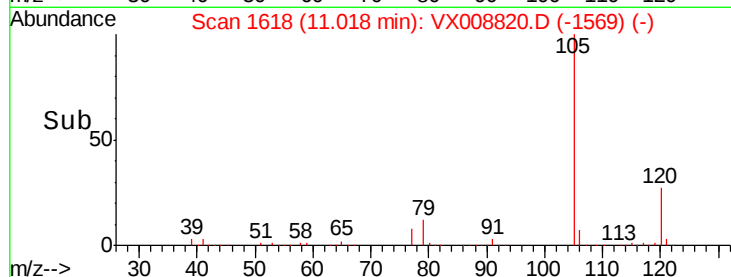
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 47.178 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Tgt Ion: 43 Resp: 253517

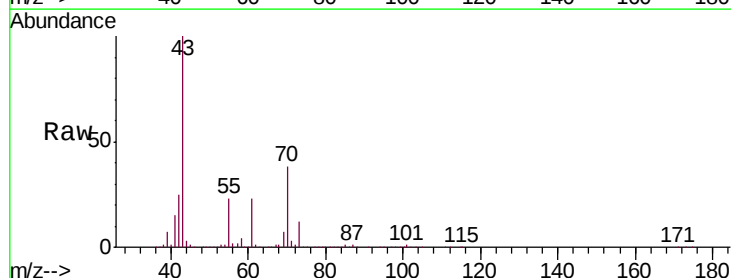
Ion Ratio Lower Upper

43 100

70 37.5 30.2 45.4

55 22.8 18.2 27.4

61 22.8 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

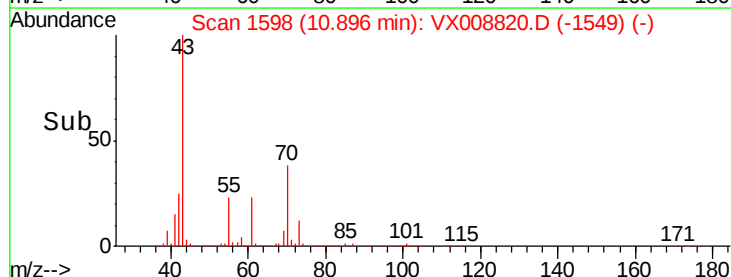
300000

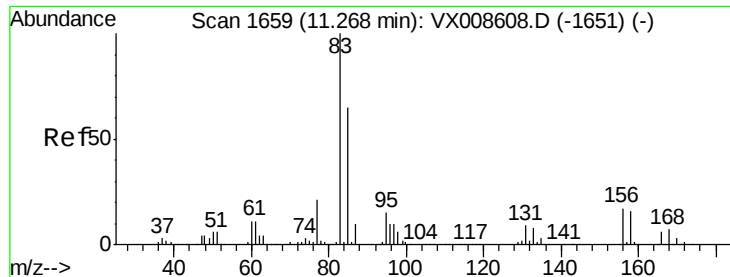
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 44.948 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

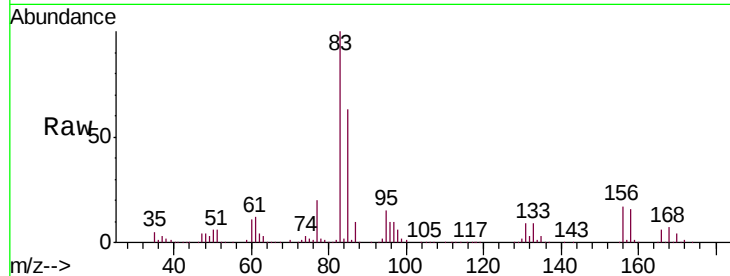
Tgt Ion: 83 Resp: 156135

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.7

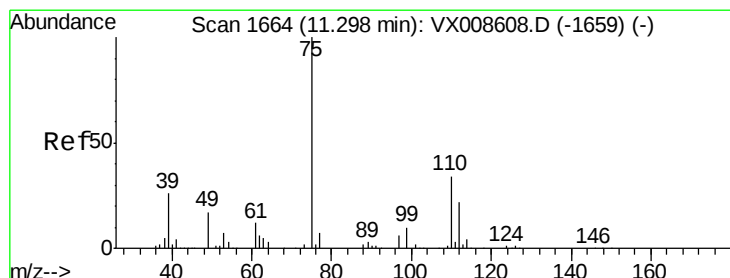
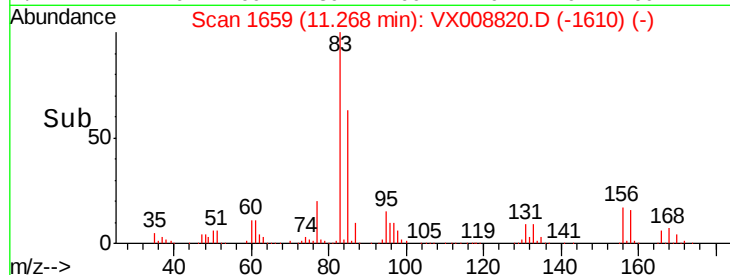
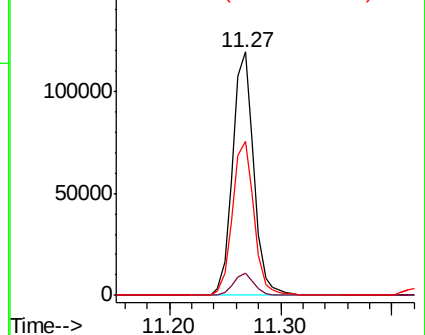
85 64.3 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.196 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008820.D

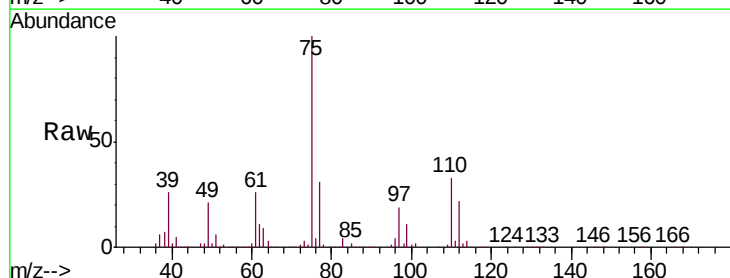
Acq: 10 Apr 2019 21:22

Tgt Ion: 75 Resp: 188307

Ion Ratio Lower Upper

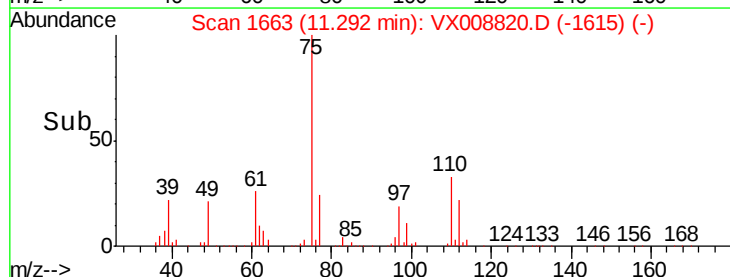
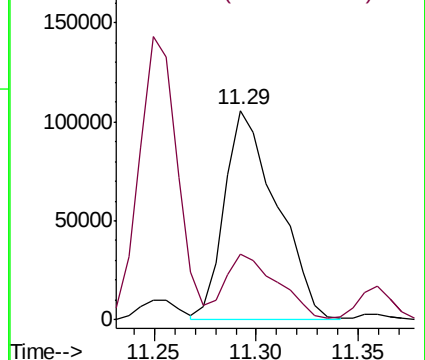
75 100

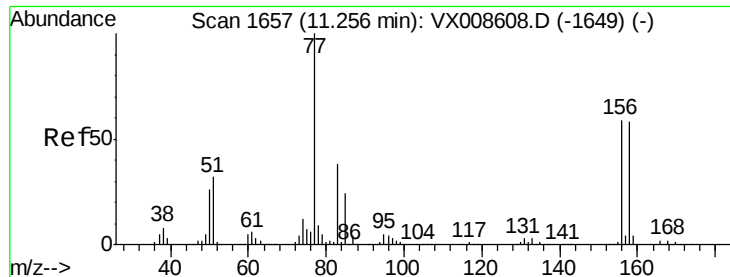
77 31.6 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.714 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

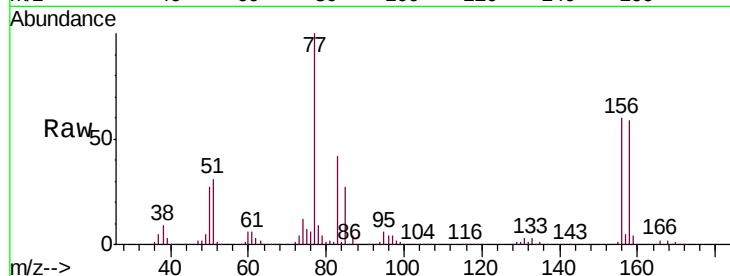
Tgt Ion:156 Resp: 104767

Ion Ratio Lower Upper

156 100

77 176.3 89.8 269.6

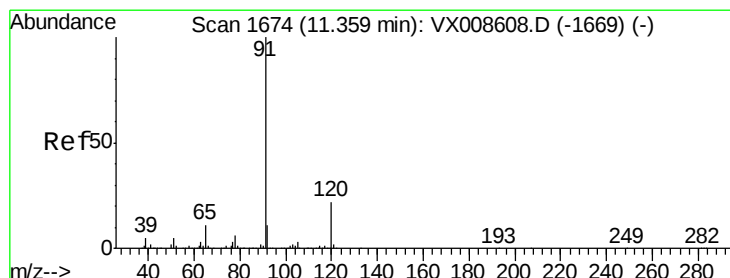
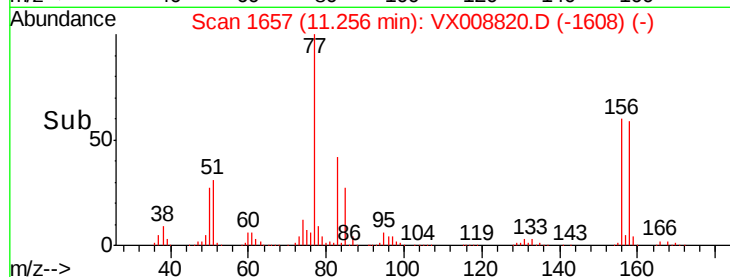
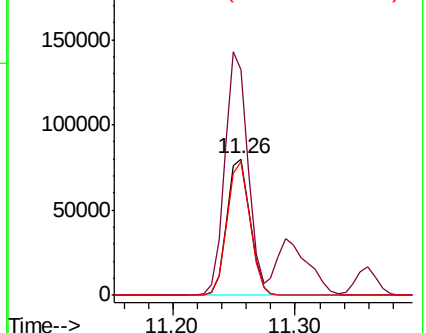
158 96.7 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.150 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008820.D

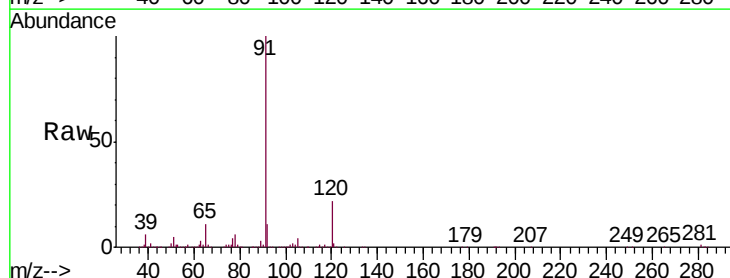
Acq: 10 Apr 2019 21:22

Tgt Ion: 91 Resp: 501440

Ion Ratio Lower Upper

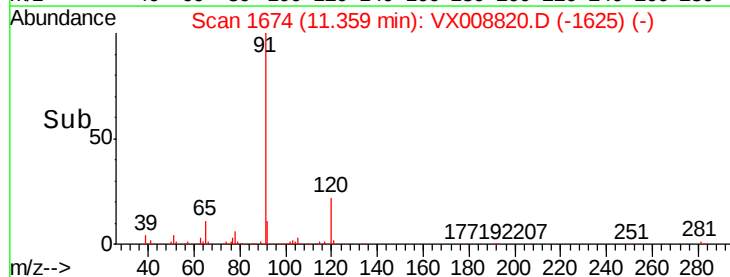
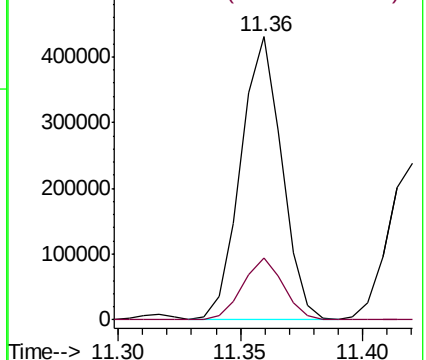
91 100

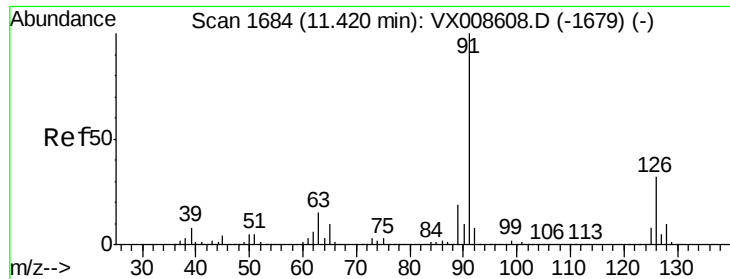
120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

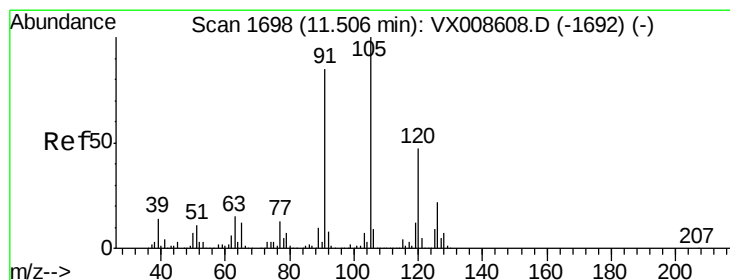
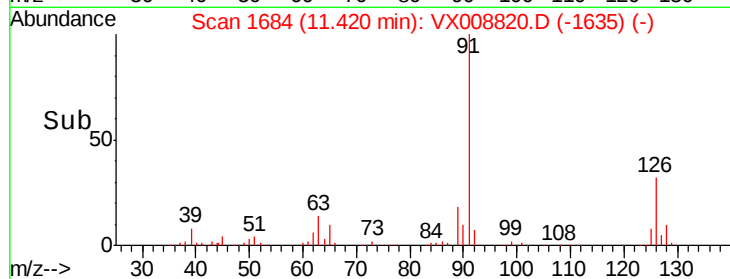
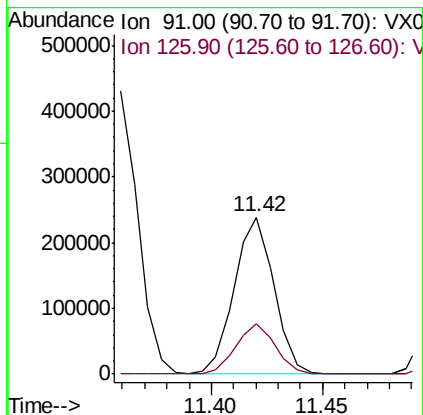
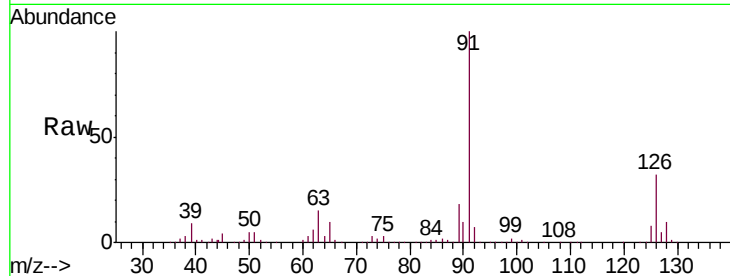




#79
 2-Chlorotoluene
 Concen: 45.905 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008820.D
 Acq: 10 Apr 2019 21:22

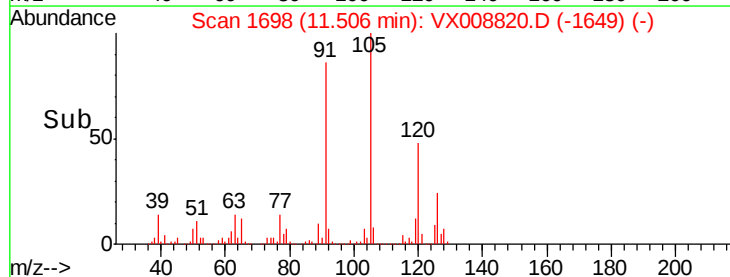
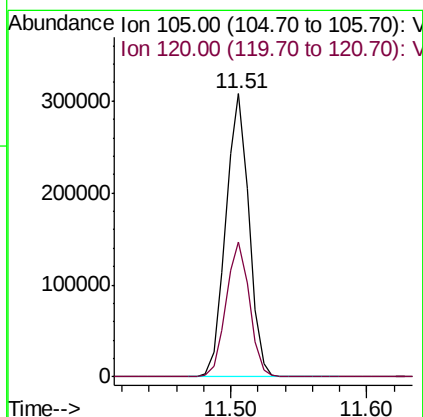
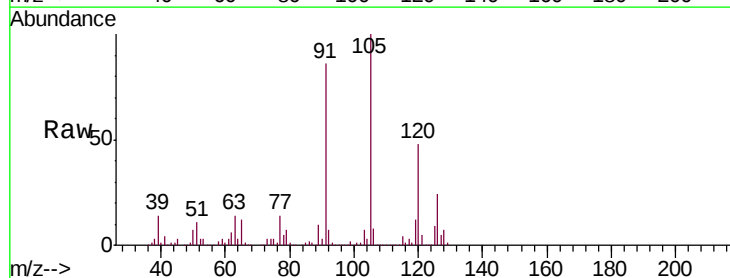
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

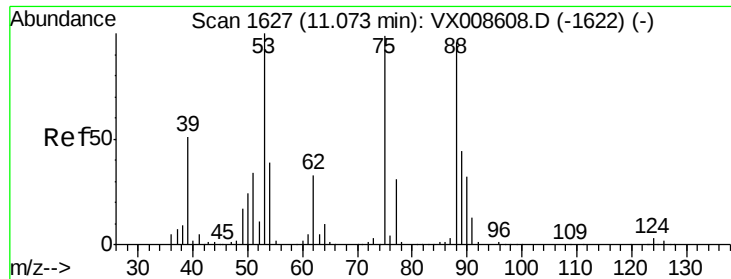
Tgt Ion: 91 Resp: 295432
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 47.294 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008820.D
 Acq: 10 Apr 2019 21:22

Tgt Ion: 105 Resp: 362599
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 47.283 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

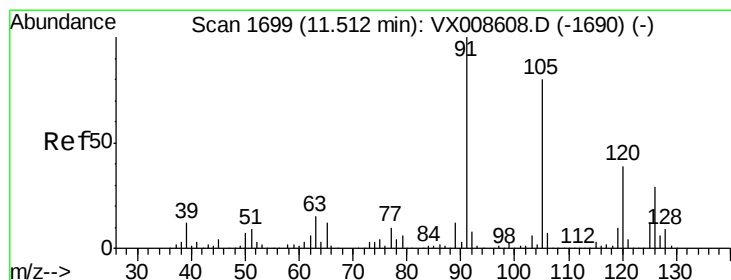
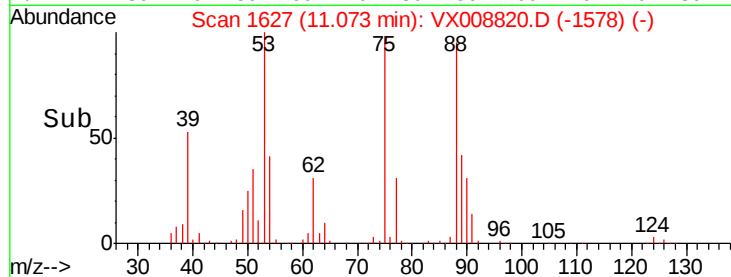
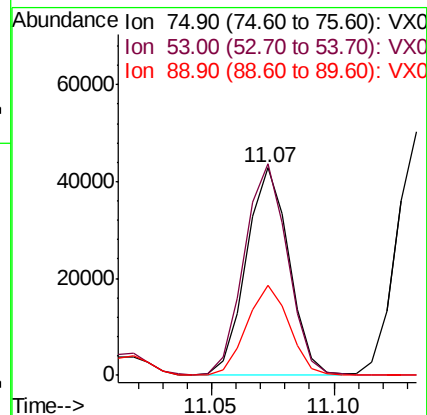
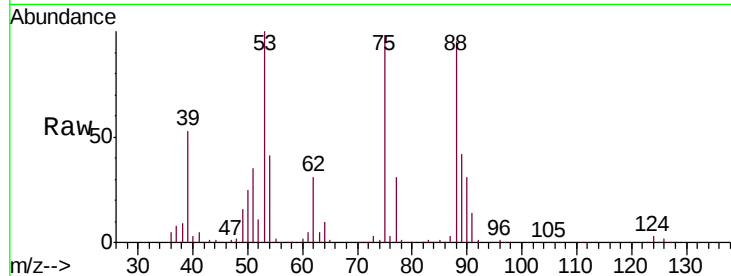
Tgt Ion: 75 Resp: 51933

Ion Ratio Lower Upper

75 100

53 104.4 81.3 121.9

89 43.6 35.6 53.4



#82

4-Chlorotoluene

Concen: 45.849 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008820.D

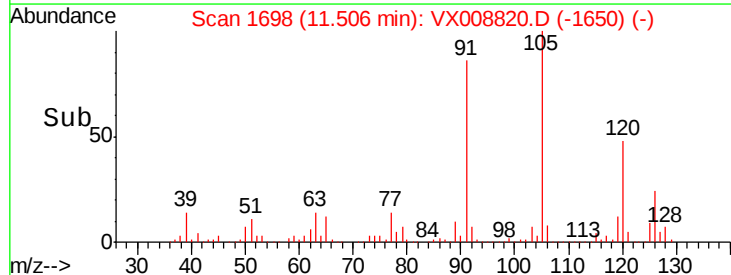
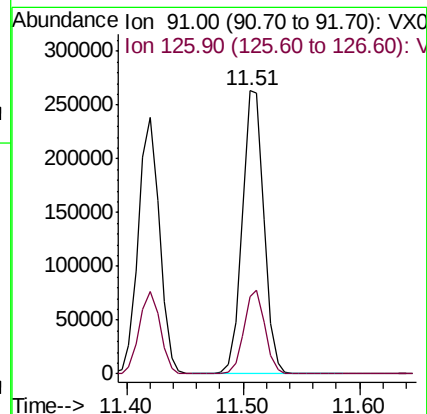
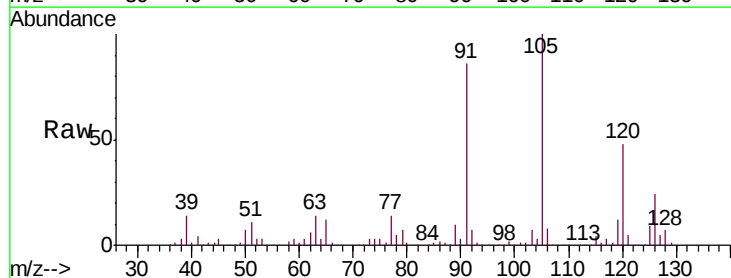
Acq: 10 Apr 2019 21:22

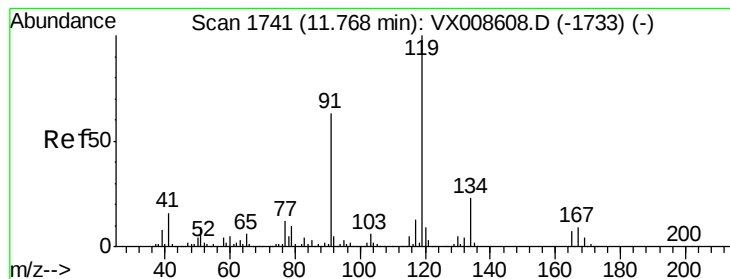
Tgt Ion: 91 Resp: 341556

Ion Ratio Lower Upper

91 100

126 28.6 13.9 41.6





#83

tert-Butylbenzene

Concen: 47.142 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

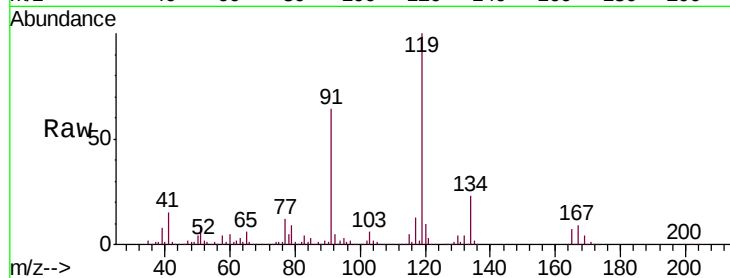
Tgt Ion:119 Resp: 347726

Ion Ratio Lower Upper

119 100

91 59.9 30.0 90.1

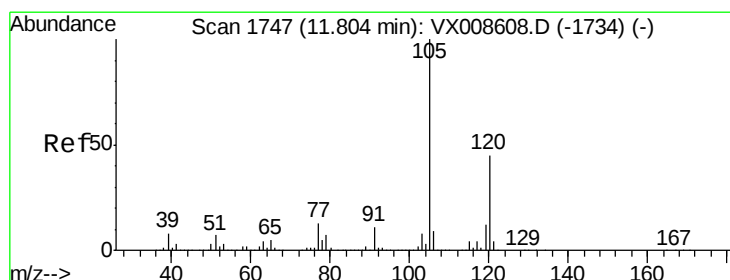
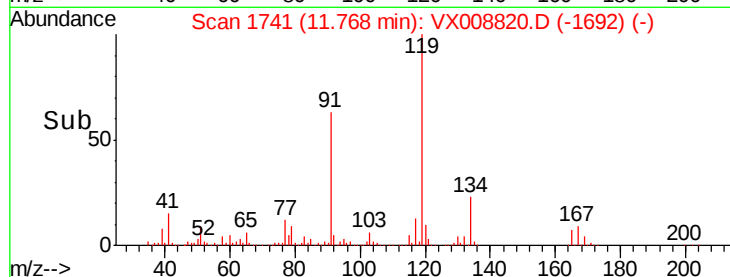
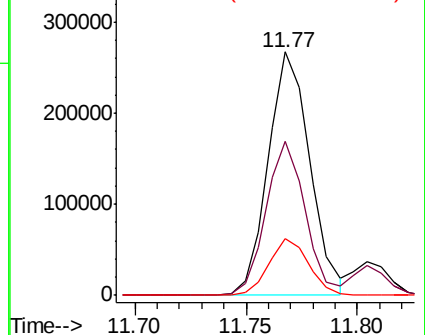
134 22.2 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.313 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008820.D

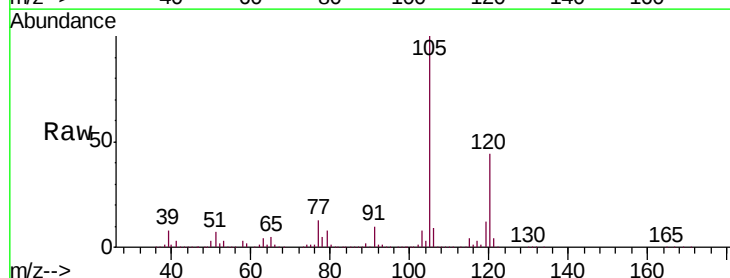
Acq: 10 Apr 2019 21:22

Tgt Ion:105 Resp: 367298

Ion Ratio Lower Upper

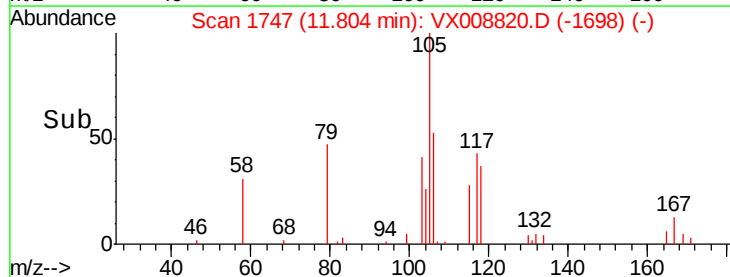
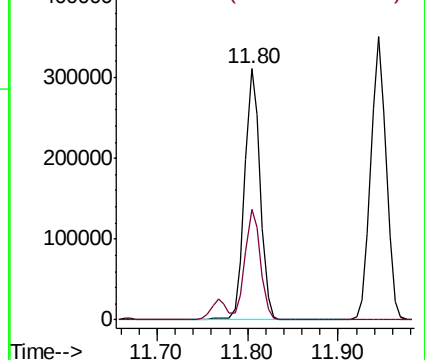
105 100

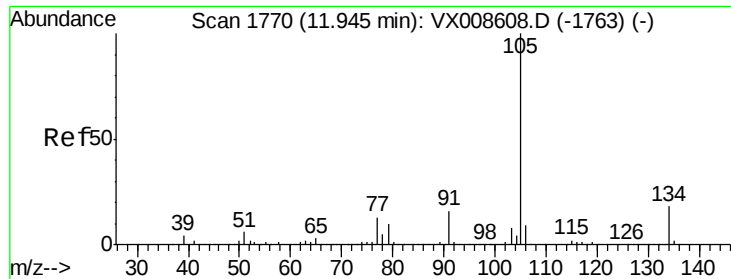
120 43.3 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

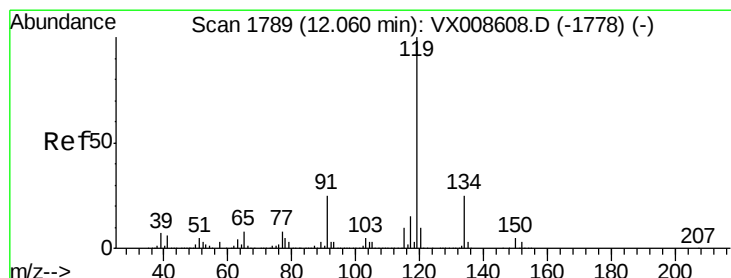
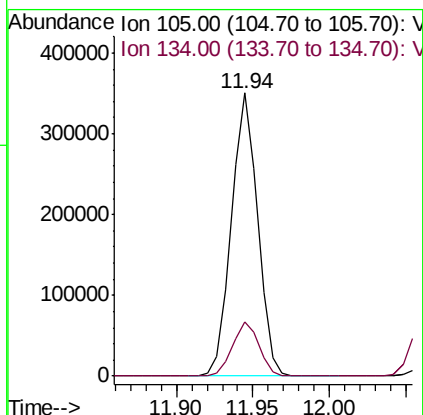
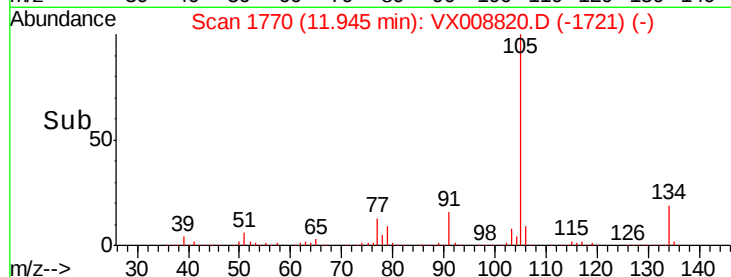
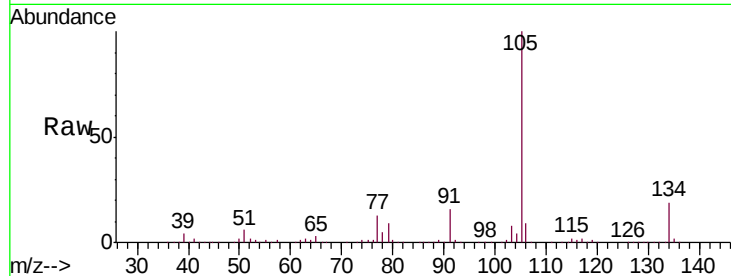




#85
 sec-Butylbenzene
 Concen: 47.384 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008820.D
 Acq: 10 Apr 2019 21:22

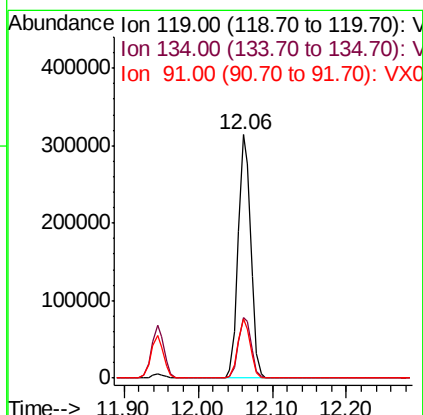
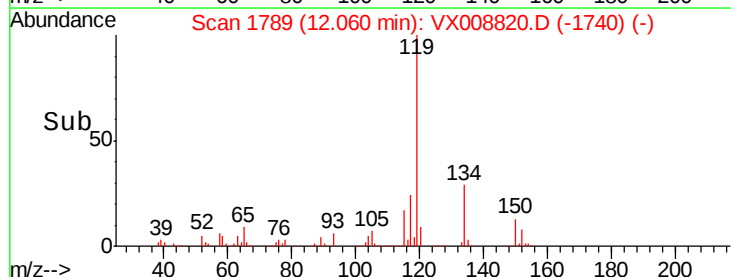
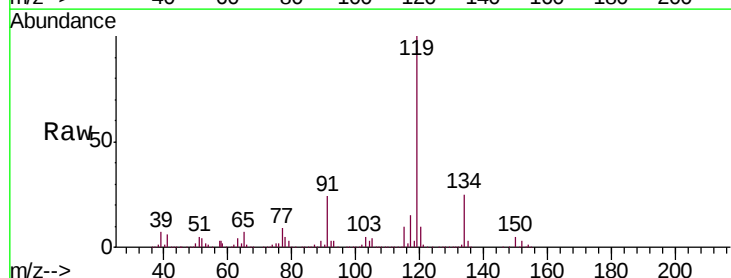
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

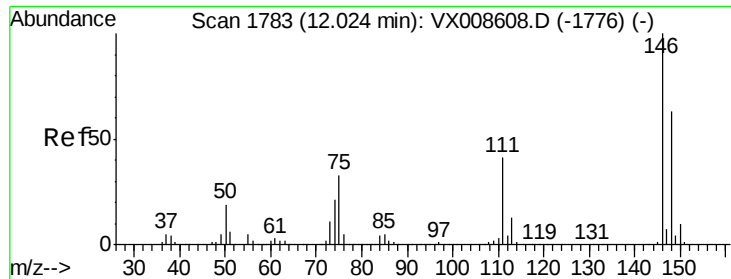
Tgt Ion:105 Resp: 415158
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 47.614 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008820.D
 Acq: 10 Apr 2019 21:22

Tgt Ion:119 Resp: 374428
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 23.8 12.2 36.6

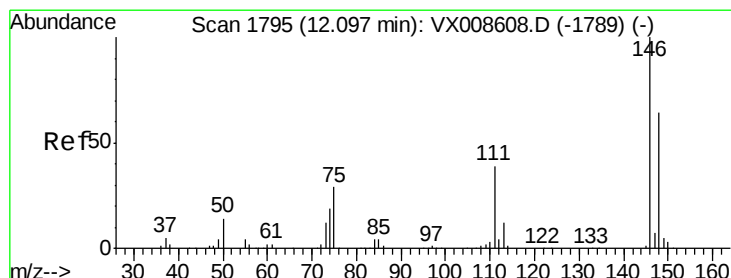
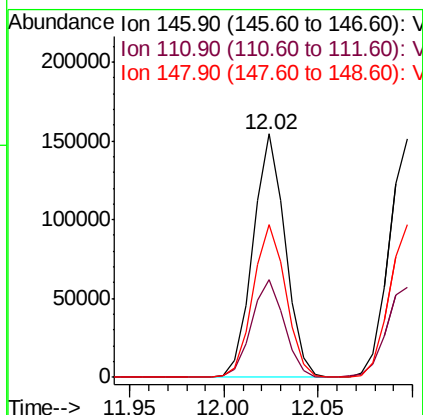
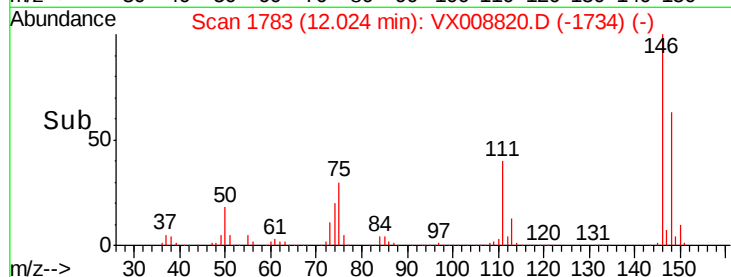
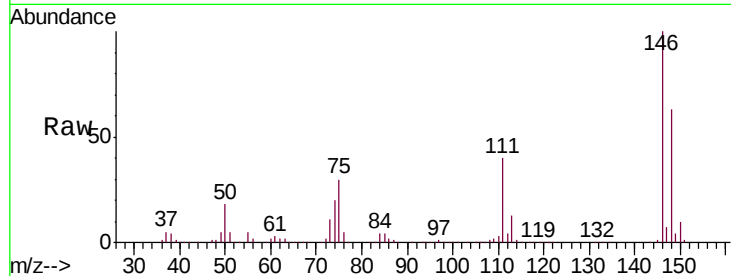




#87
 1,3-Dichlorobenzene
 Concen: 46.350 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008820.D
 Acq: 10 Apr 2019 21:22

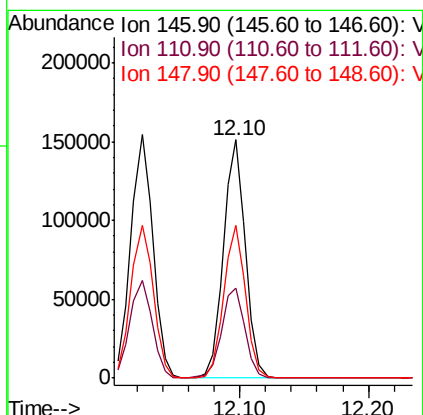
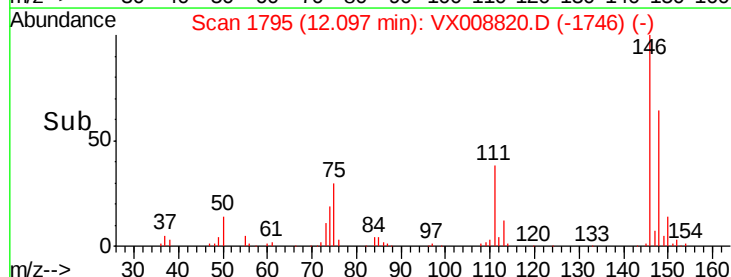
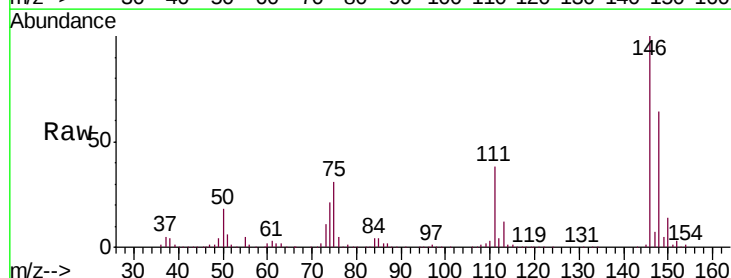
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

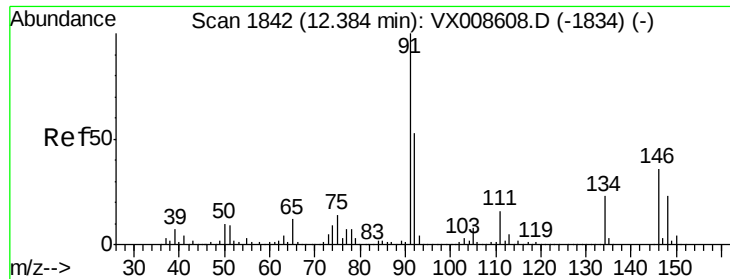
Tgt Ion:146 Resp: 182193
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.5 61.5
 148 64.1 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 45.602 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008820.D
 Acq: 10 Apr 2019 21:22

Tgt Ion:146 Resp: 181517
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.2 60.6
 148 63.8 32.0 96.0

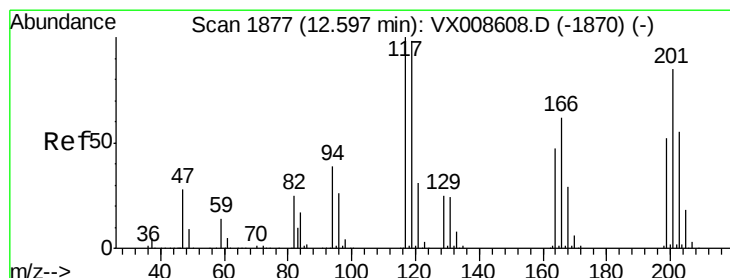
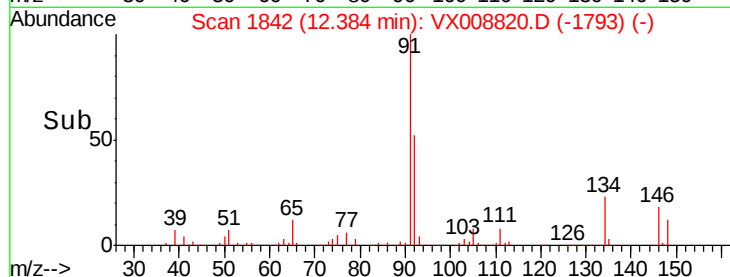
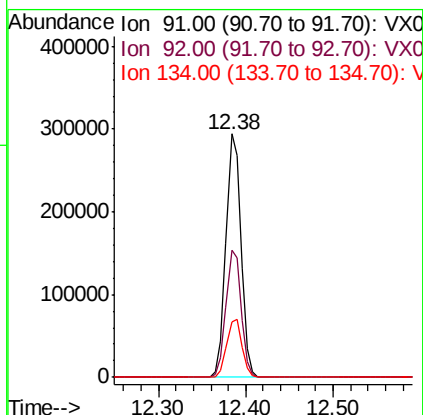
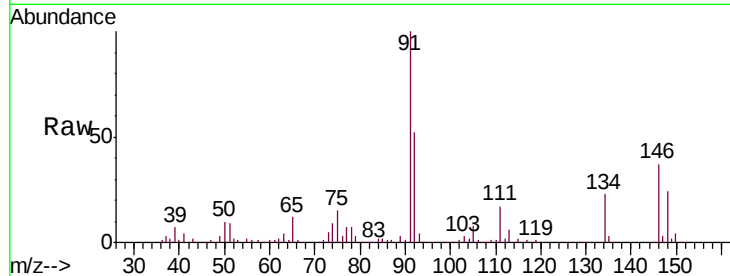




#89
n-Butylbenzene
Concen: 47.130 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

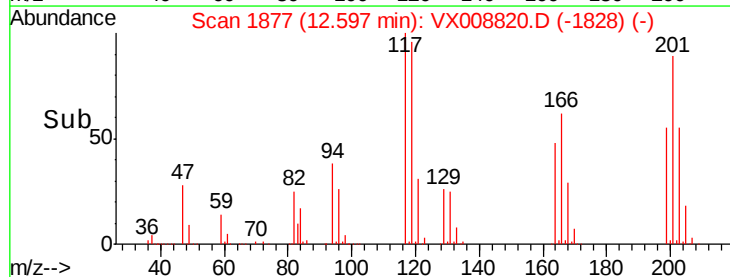
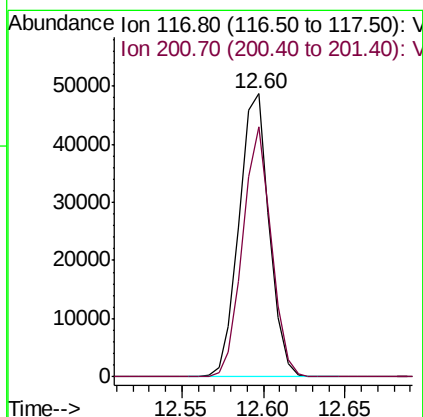
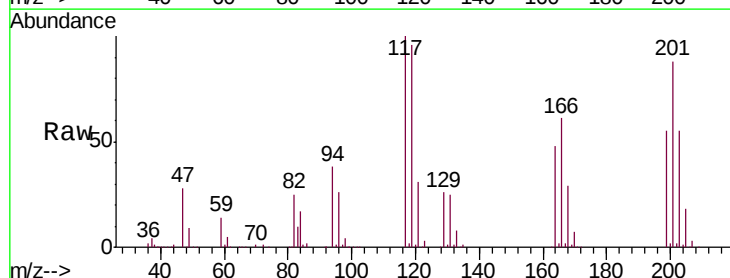
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

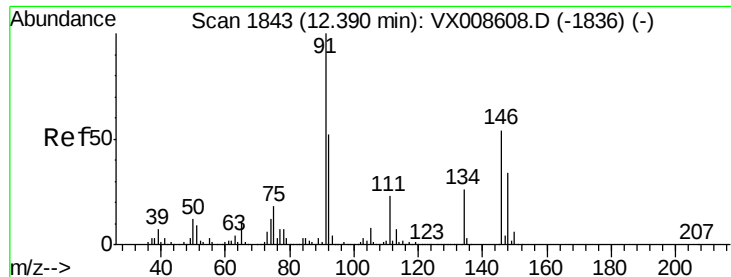
Tgt Ion: 91 Resp: 347574
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.2
134 24.3 12.0 36.0



#90
Hexachloroethane
Concen: 48.161 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

Tgt Ion: 117 Resp: 62816
Ion Ratio Lower Upper
117 100
201 83.8 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 46.104 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

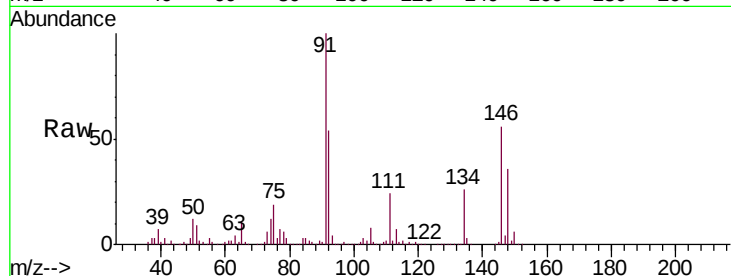
Tgt Ion:146 Resp: 179938

Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.9

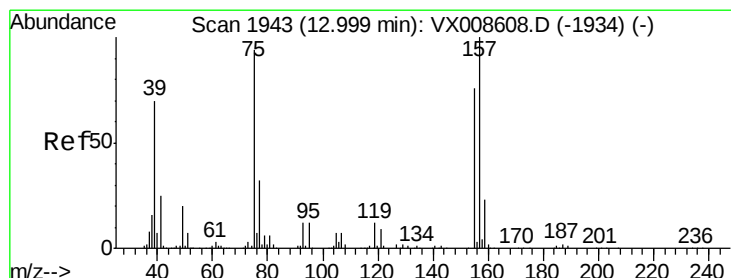
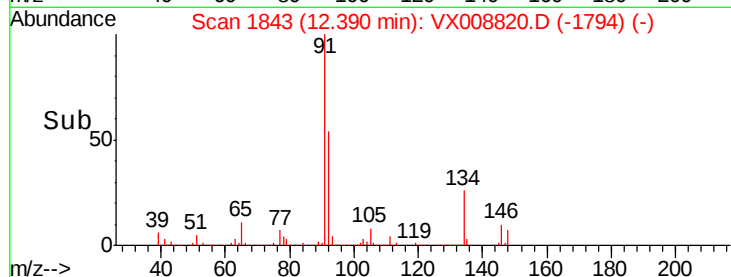
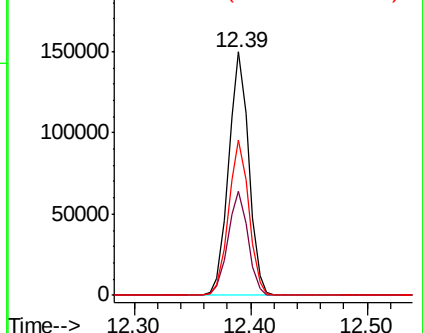
148 64.0 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.602 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008820.D

Acq: 10 Apr 2019 21:22

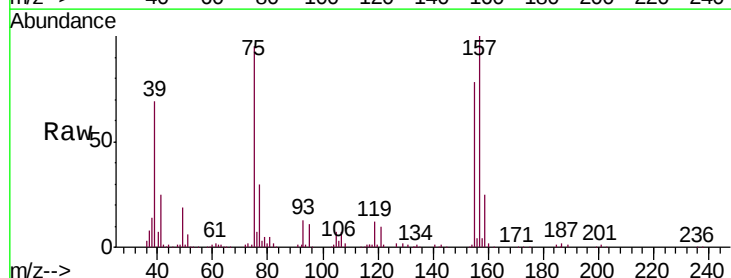
Tgt Ion: 75 Resp: 34846

Ion Ratio Lower Upper

75 100

155 81.4 39.9 119.6

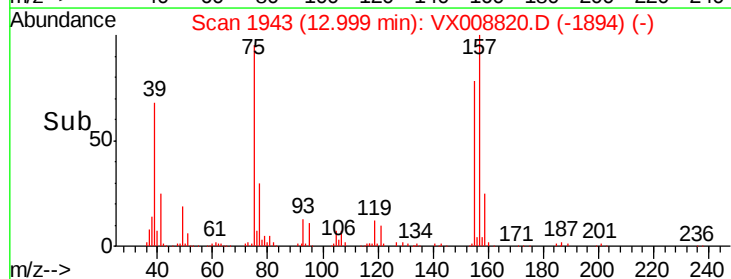
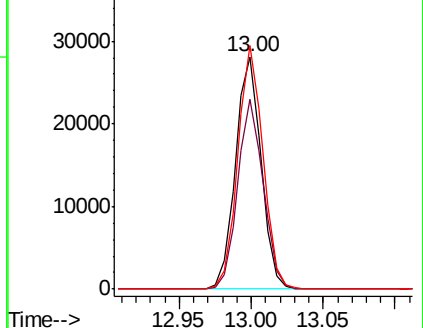
157 103.0 51.5 154.7

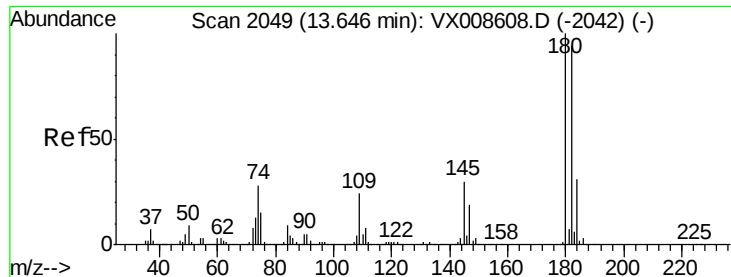


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

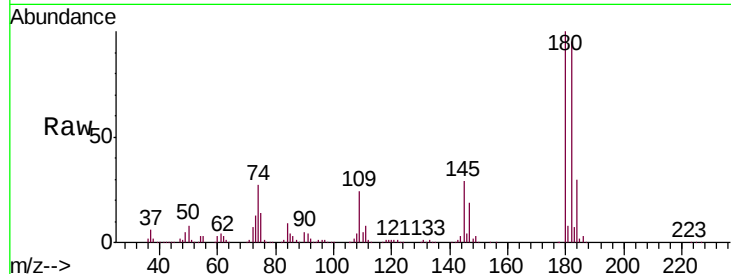




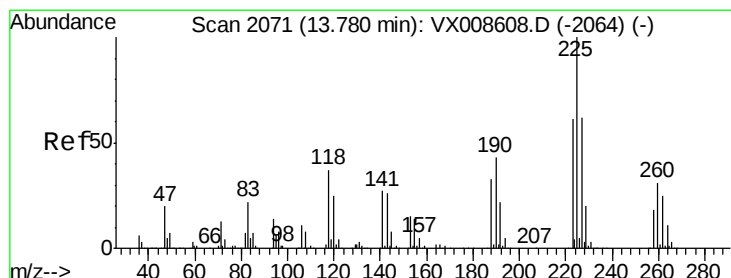
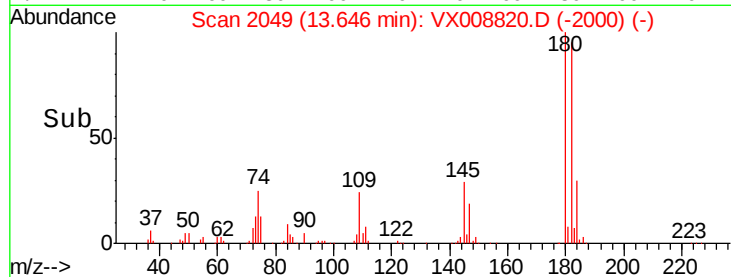
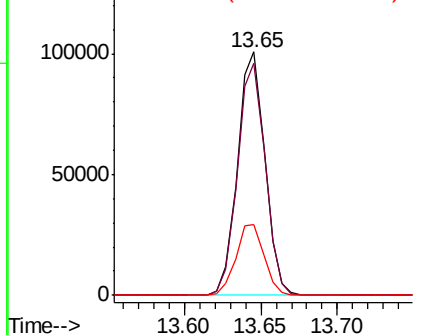
#93
 1,2,4-Trichlorobenzene
 Concen: 45.870 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008820.D
 Acq: 10 Apr 2019 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 124474
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.2 141.6
 145 30.2 15.3 45.9

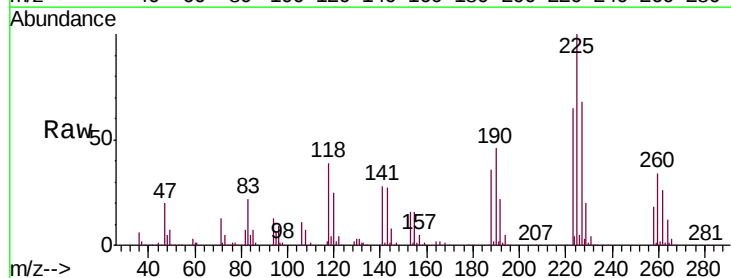


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

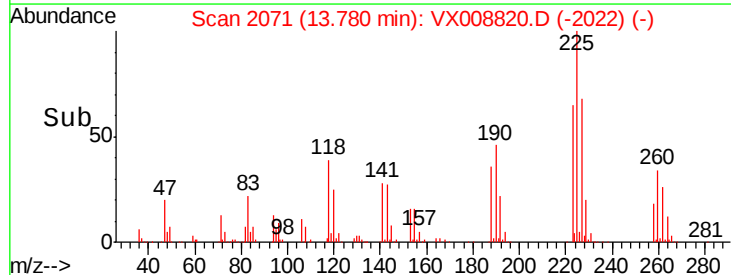
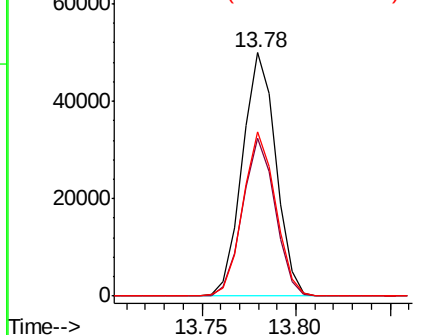


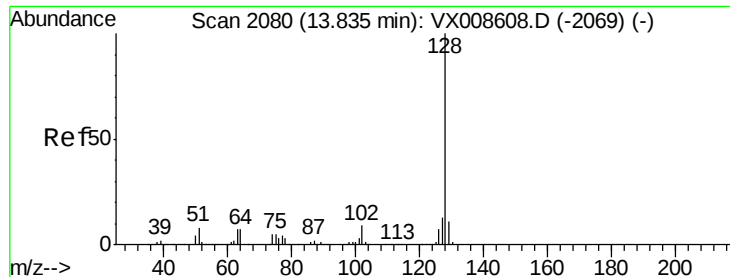
#94
 Hexachlorobutadiene
 Concen: 47.351 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008820.D
 Acq: 10 Apr 2019 21:22

Tgt Ion:225 Resp: 61623
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.2 93.6
 227 65.9 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

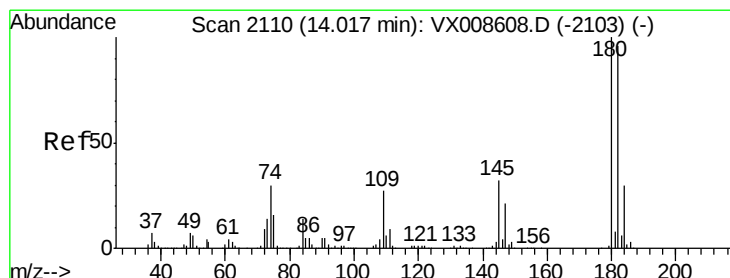
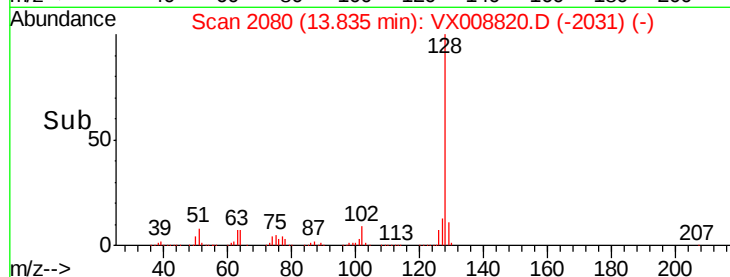
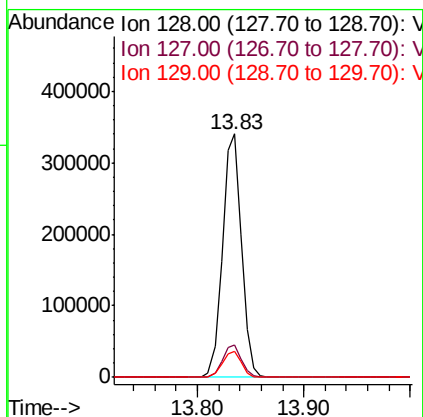
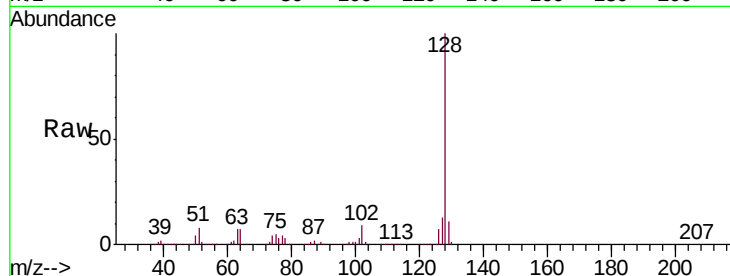




#95
Naphthalene
Concen: 46.566 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 422330
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 46.926 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008820.D
Acq: 10 Apr 2019 21:22

Tgt Ion:180 Resp: 127228
Ion Ratio Lower Upper
180 100
182 95.1 48.1 144.3
145 30.8 16.3 48.8

