

Data File : VX008818.D
Acq On : 10 Apr 2019 20:12
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 11 05:50:07 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	176090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	290829	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118305	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119406	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
35) Dibromofluoromethane	5.49	113	88749	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
50) Toluene-d8	8.71	98	356773	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.13	95	124317	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	78786	38.869	ug/l	99
3) Chloromethane	1.32	50	111877	44.863	ug/l	99
4) Vinyl Chloride	1.41	62	109440	39.941	ug/l	100
5) Bromomethane	1.64	94	55402	41.383	ug/l	99
6) Chloroethane	1.71	64	68555	45.543	ug/l	98
7) Trichlorofluoromethane	1.92	101	126766	41.852	ug/l	97
8) Diethyl Ether	2.19	74	61048	42.501	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	84101	43.126	ug/l	98
10) Methyl Iodide	2.51	142	81513	46.224	ug/l	100
11) Tert butyl alcohol	3.06	59	128273	213.330	ug/l	100
12) 1,1-Dichloroethene	2.37	96	85818	42.155	ug/l	97
13) Acrolein	2.29	56	127491	427.606	ug/l	97
14) Allyl chloride	2.73	41	203671	43.703	ug/l	99
15) Acrylonitrile	3.14	53	351560	220.702	ug/l	100
16) Acetone	2.45	43	311491	210.565	ug/l	98
17) Carbon Disulfide	2.57	76	239948	40.679	ug/l	100
18) Methyl Acetate	2.78	43	162596	45.320	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	331086	45.540	ug/l	100
20) Methylene Chloride	2.85	84	103955	41.982	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	91863	41.718	ug/l	94
22) Diisopropyl ether	3.85	45	406681	45.275	ug/l	94
23) Vinyl Acetate	3.81	43	1797650	230.052	ug/l	99
24) 1,1-Dichloroethane	3.70	63	196136	44.102	ug/l	99
25) 2-Butanone	4.67	43	524676	224.404	ug/l	98
26) 2,2-Dichloropropane	4.59	77	136765	43.663	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	109280	43.165	ug/l	99
28) Bromochloromethane	5.01	49	101164	54.743	ug/l	100
29) Tetrahydrofuran	5.13	42	344814	222.196	ug/l	98
30) Chloroform	5.21	83	177161	44.601	ug/l	98
31) Cyclohexane	5.58	56	184164	41.501	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	144640	45.061	ug/l	100
36) 1,1-Dichloropropene	5.80	75	135497	42.622	ug/l	99
37) Ethyl Acetate	4.83	43	197074	46.443	ug/l	100
38) Carbon Tetrachloride	5.78	117	119861	45.554	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	165619	42.173	ug/l	99
40) Benzene	6.14	78	421995	44.558	ug/l	100
41) Methacrylonitrile	5.04	41	113128	46.381	ug/l	99
42) 1,2-Dichloroethane	6.19	62	152322	44.863	ug/l	99
43) Isopropyl Acetate	6.45	43	310593	46.725	ug/l	100
44) Trichloroethene	7.21	130	99020	44.891	ug/l	96
45) 1,2-Dichloropropane	7.51	63	122021	45.140	ug/l	99
46) Dibromomethane	7.66	93	68162	43.476	ug/l	98
47) Bromodichloromethane	7.90	83	137303	46.448	ug/l	100
48) Methyl methacrylate	7.77	41	157031	46.700	ug/l	99
49) 1,4-Dioxane	7.74	88	53326	846.587	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1006625	235.243	ug/l	100
52) Toluene	8.79	92	252769	45.271	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	158680	47.920	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	175559	46.399	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	103956	46.383	ug/l	99
56) Ethyl methacrylate	9.18	69	191897	47.322	ug/l	99
57) 1,3-Dichloropropane	9.37	76	186922	46.446	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	493520	238.341	ug/l	100
59) 2-Hexanone	9.49	43	749239	225.303	ug/l	100
60) Dibromochloromethane	9.58	129	102178	48.380	ug/l	100
61) 1,2-Dibromoethane	9.67	107	106017	45.438	ug/l	99
64) Tetrachloroethene	9.34	164	86493	44.923	ug/l	99
65) Chlorobenzene	10.14	112	258617	44.895	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	93755	46.393	ug/l	99
67) Ethyl Benzene	10.25	91	480967	44.777	ug/l	99
68) m/p-Xylenes	10.36	106	344816	89.281	ug/l	99
69) o-Xylene	10.69	106	169047	45.165	ug/l	98
70) Styrene	10.71	104	296078	45.891	ug/l	100
71) Bromoform	10.85	173	73494	47.617	ug/l #	99
73) Isopropylbenzene	11.02	105	454249	46.332	ug/l	100
74) N-amyl acetate	10.90	43	263423	45.668	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	163370	43.814	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	193931	59.672	ug/l	81
77) Bromobenzene	11.26	156	108258	45.931	ug/l	98
78) n-propylbenzene	11.36	91	521063	45.644	ug/l	100
79) 2-Chlorotoluene	11.42	91	309563	44.810	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	379489	46.111	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	55250	46.862	ug/l	98
82) 4-Chlorotoluene	11.51	91	354513	44.333	ug/l	98
83) tert-Butylbenzene	11.77	119	361568	45.665	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	380619	45.675	ug/l	99
85) sec-Butylbenzene	11.94	105	434732	46.224	ug/l	99
86) p-Isopropyltoluene	12.06	119	393676	46.637	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	188376	44.644	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	188581	44.136	ug/l	100
89) n-Butylbenzene	12.38	91	364205	46.007	ug/l	100
90) Hexachloroethane	12.60	117	65174	46.550	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	188293	44.945	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35862	43.721	ug/l	100

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

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ClientSampleId :
VSTDCCC050EC

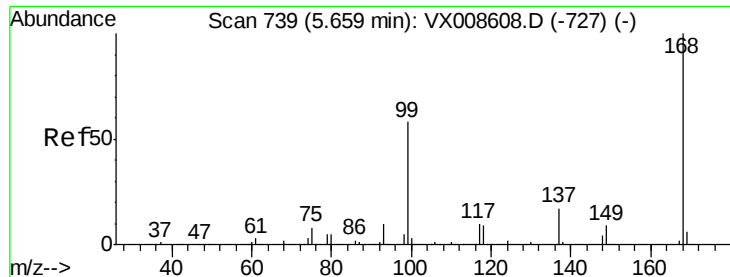
Quant Time: Apr 11 05:50:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	132892	45.622	ug/l	99
94) Hexachlorobutadiene	13.78	225	65760	47.073	ug/l	99
95) Naphthalene	13.83	128	438187	45.009	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132639	45.575	ug/l	98

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

Quant Time: Apr 11 01:16:40 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

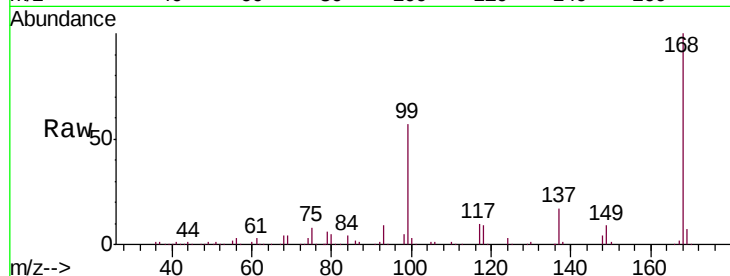
VSTDCCC050EC

Tgt Ion:168 Resp: 176090

Ion Ratio Lower Upper

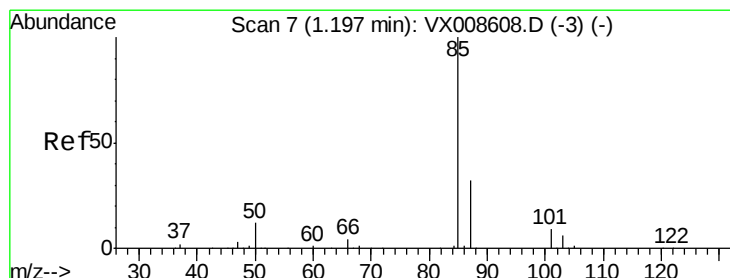
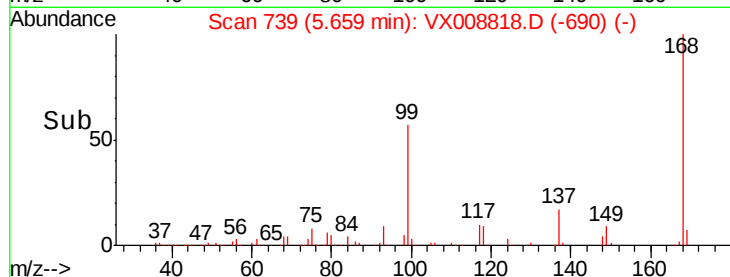
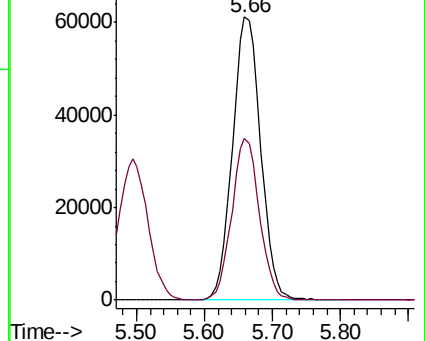
168 100

99 56.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 38.869 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008818.D

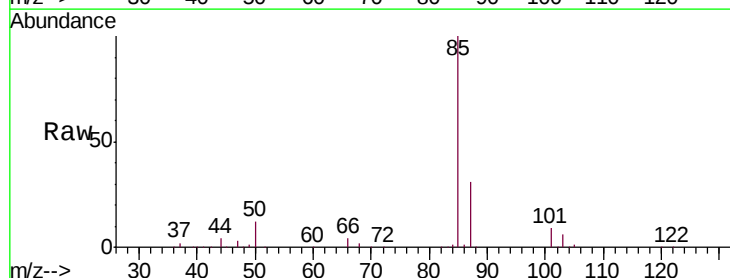
Acq: 10 Apr 2019 20:12

Tgt Ion: 85 Resp: 78786

Ion Ratio Lower Upper

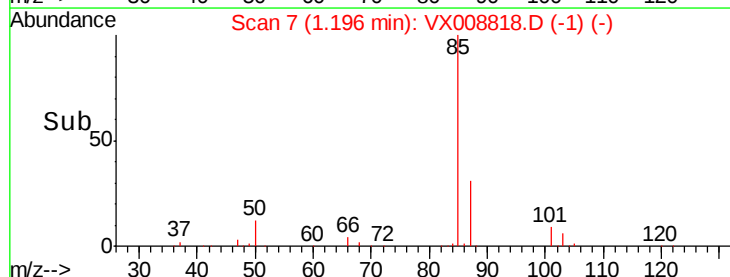
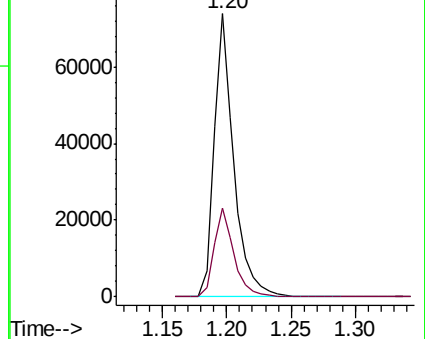
85 100

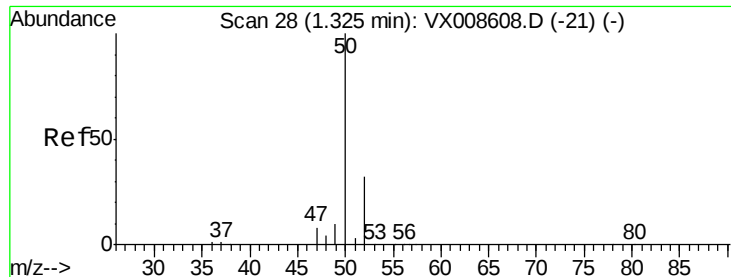
87 31.2 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.863 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

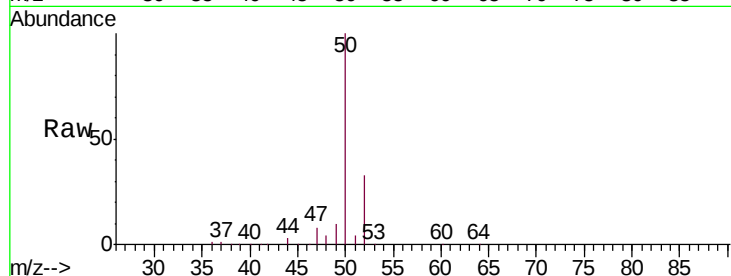
VSTDCCC050EC

Tgt Ion: 50 Resp: 111877

Ion Ratio Lower Upper

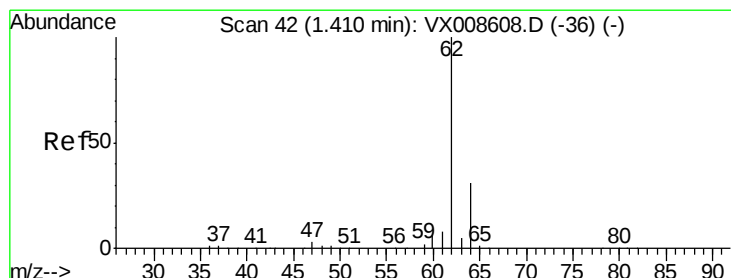
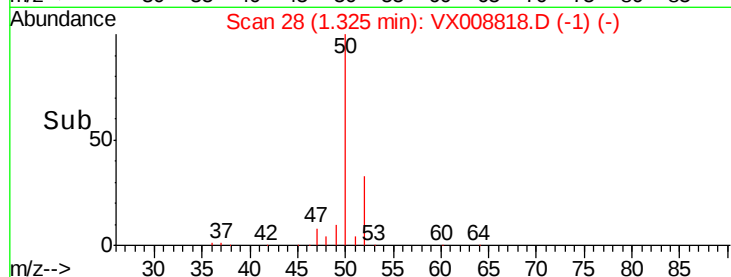
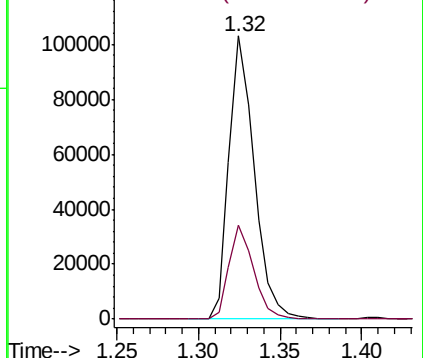
50 100

52 33.1 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: 39.941 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008818.D

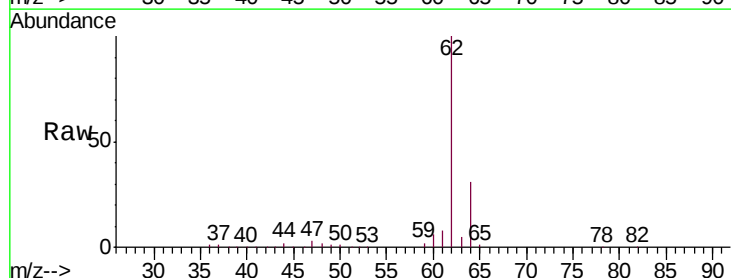
Acq: 10 Apr 2019 20:12

Tgt Ion: 62 Resp: 109440

Ion Ratio Lower Upper

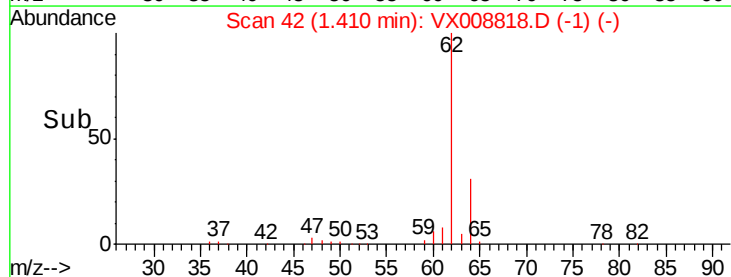
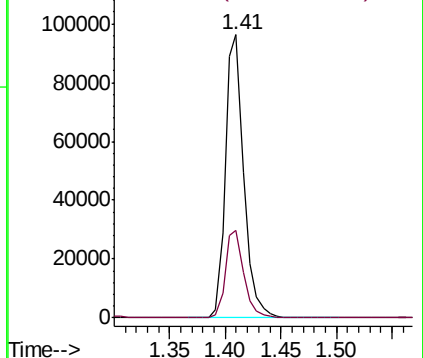
62 100

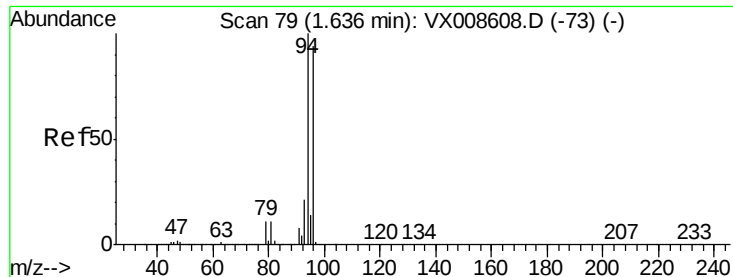
64 30.8 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.383 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

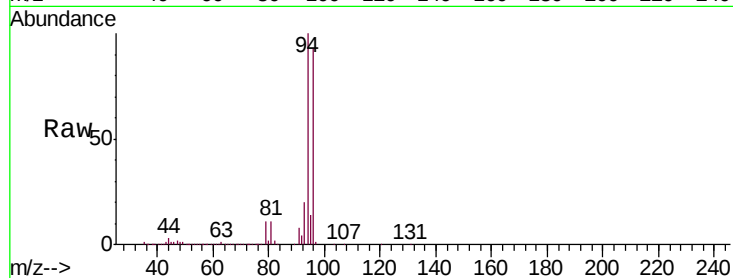
VSTDCCC050EC

Tgt Ion: 94 Resp: 55402

Ion Ratio Lower Upper

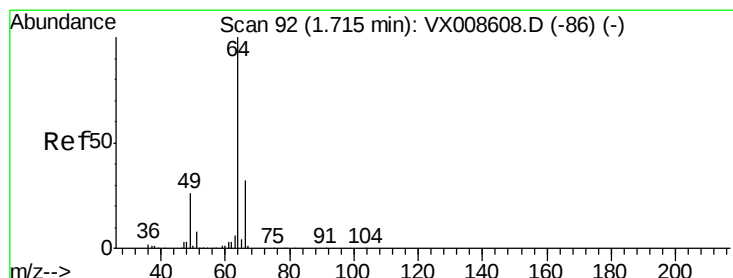
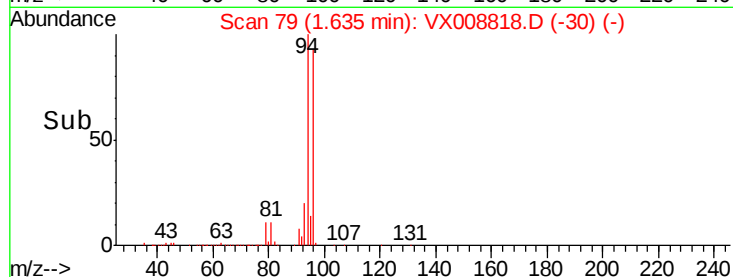
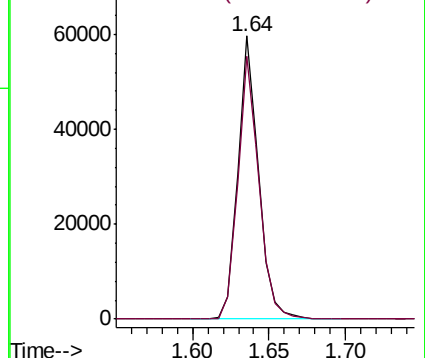
94 100

96 93.0 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: 45.543 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008818.D

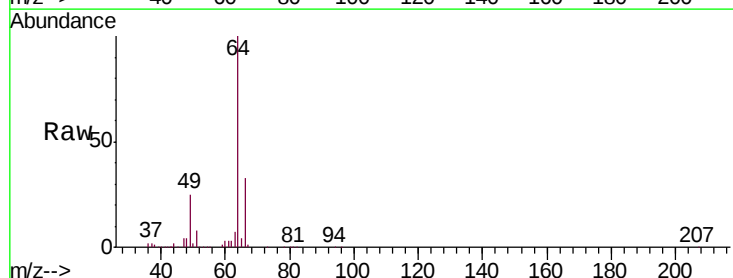
Acq: 10 Apr 2019 20:12

Tgt Ion: 64 Resp: 68555

Ion Ratio Lower Upper

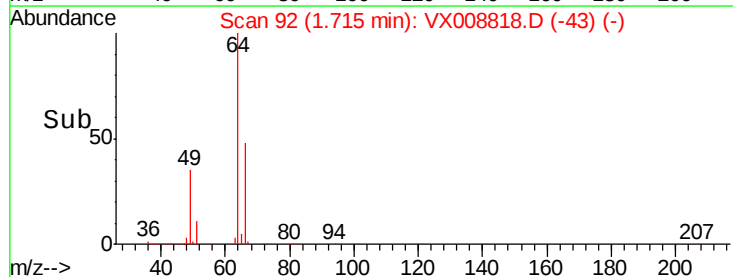
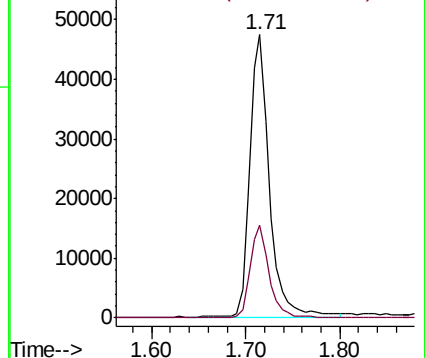
64 100

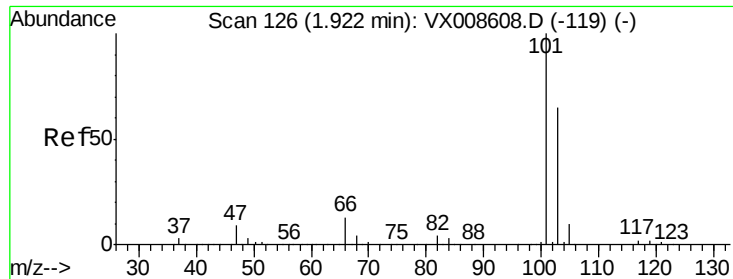
66 32.6 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 41.852 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.00 min

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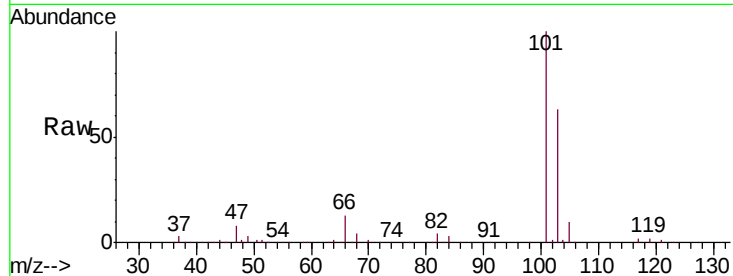
VSTDCCC050EC

Tgt Ion:101 Resp: 126766

Ion Ratio Lower Upper

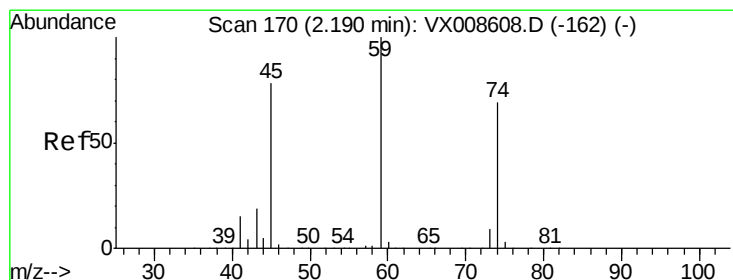
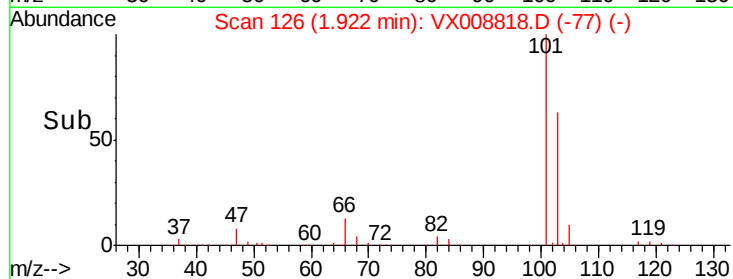
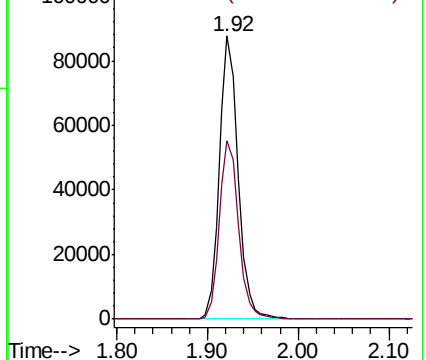
101 100

103 62.8 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 42.501 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX008818.D

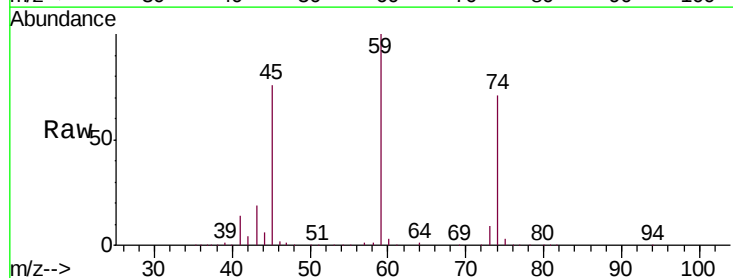
Acq: 10 Apr 2019 20:12

Tgt Ion: 74 Resp: 61048

Ion Ratio Lower Upper

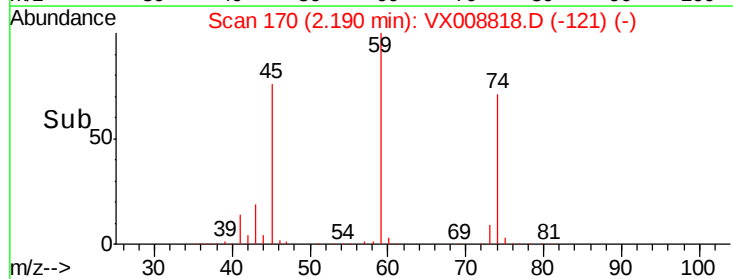
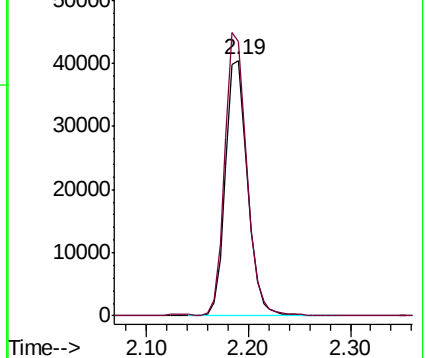
74 100

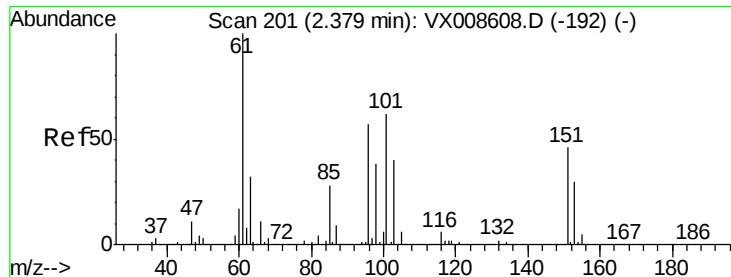
45 109.3 56.5 169.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.126 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

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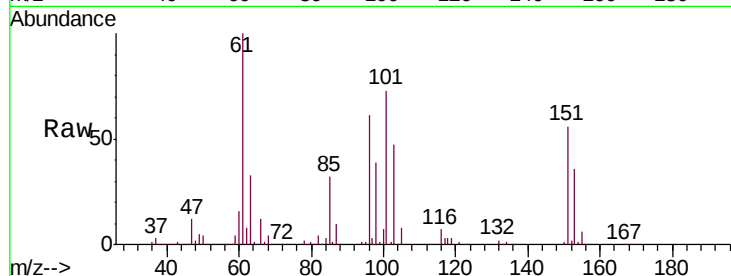
Tgt Ion:101 Resp: 84101

Ion Ratio Lower Upper

101 100

85 43.9 36.0 54.0

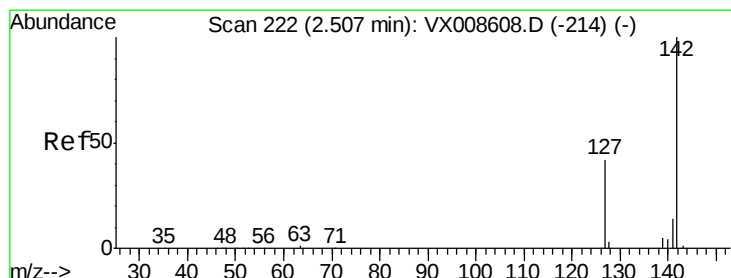
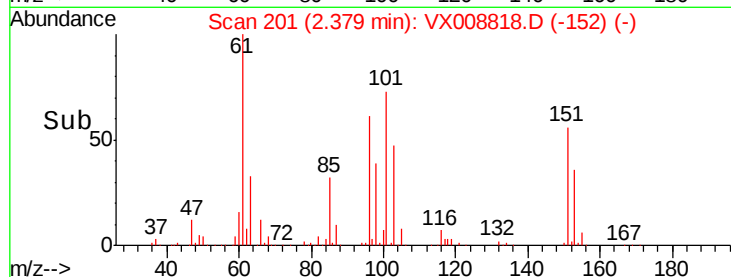
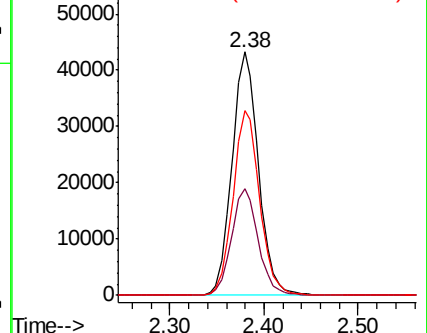
151 76.3 59.9 89.9



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: 46.224 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

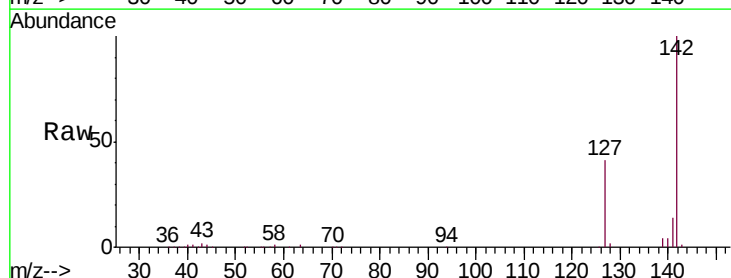
Tgt Ion:142 Resp: 81513

Ion Ratio Lower Upper

142 100

127 41.2 33.0 49.6

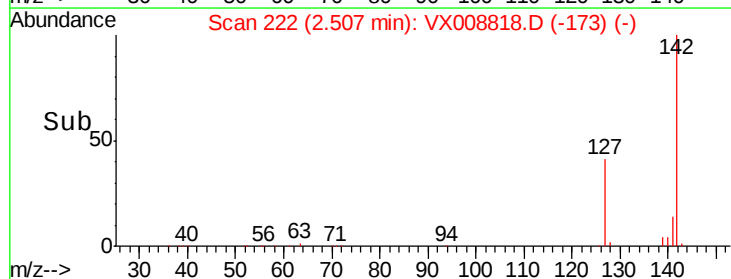
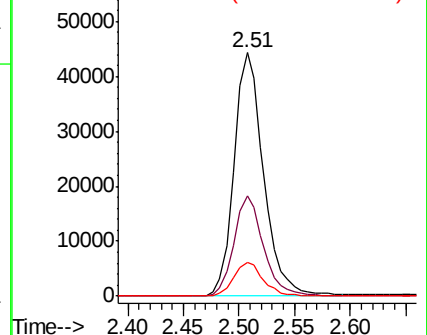
141 14.2 11.4 17.2

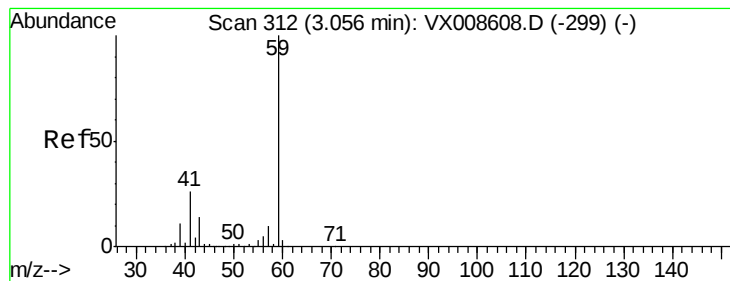


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



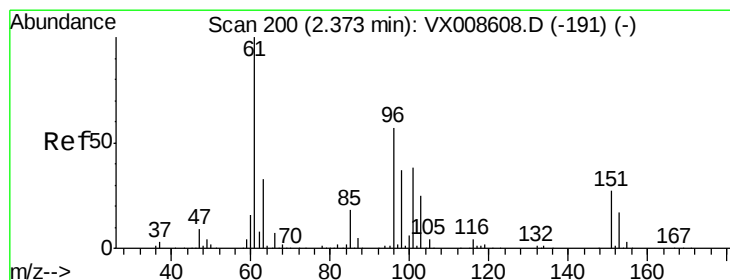
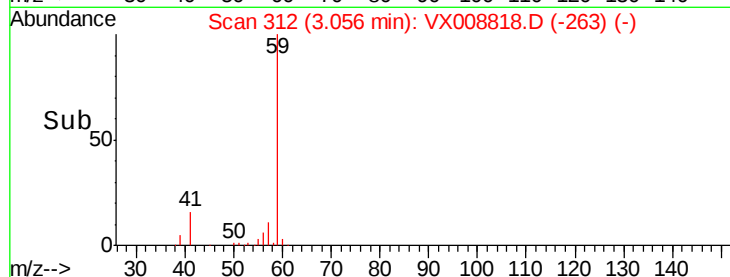
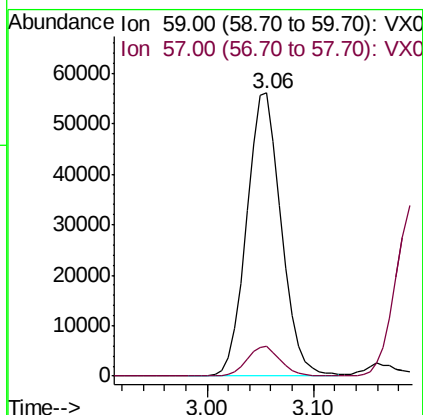
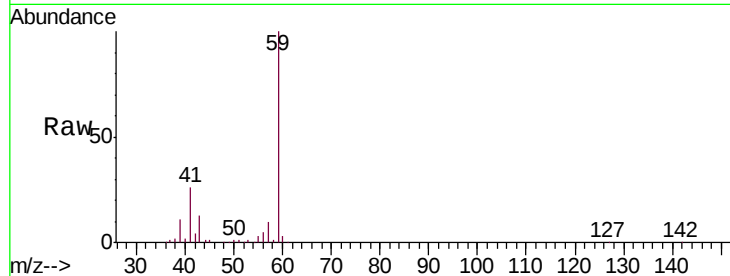


#11

Tert butyl alcohol
 Concen: 213.330 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

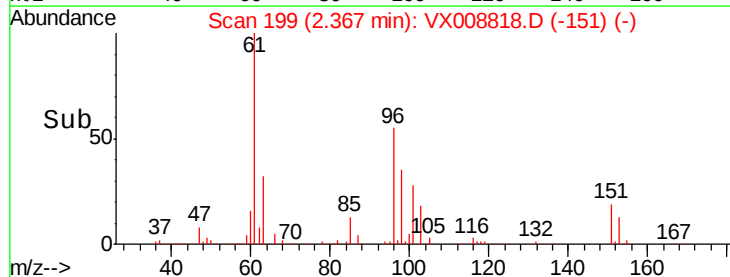
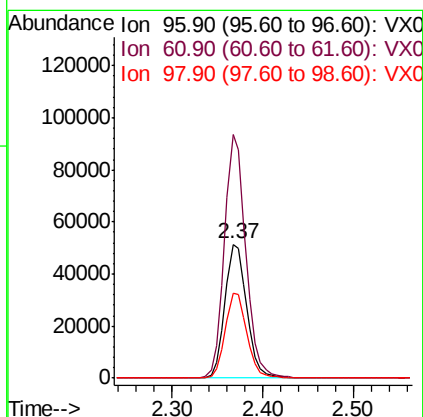
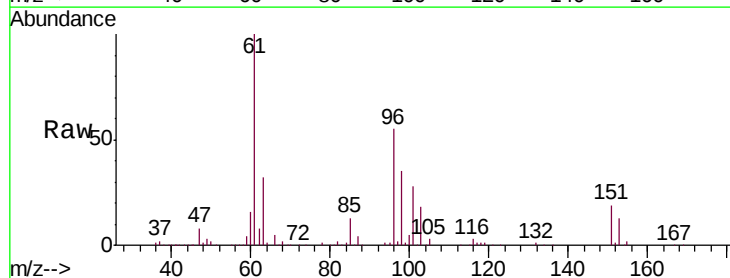
Tgt Ion: 59 Resp: 128273
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

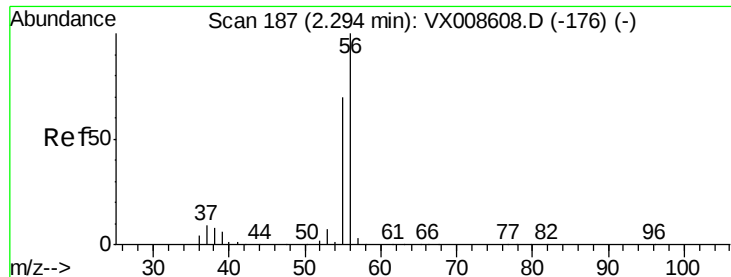


#12

1,1-Dichloroethene
 Concen: 42.155 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Tgt Ion: 96 Resp: 85818
 Ion Ratio Lower Upper
 96 100
 61 181.5 140.9 211.3
 98 63.6 52.1 78.1





#13

Acrolein

Concen: 427.606 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

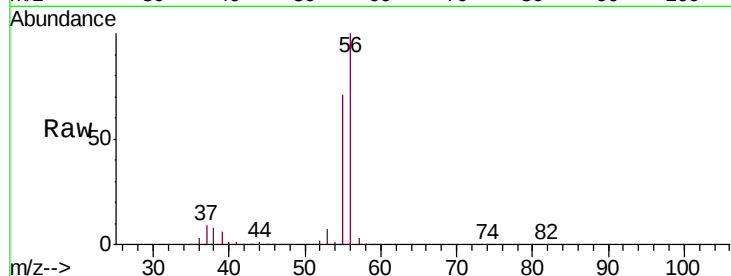
VSTDCCC050EC

Tgt Ion: 56 Resp: 127491

Ion Ratio Lower Upper

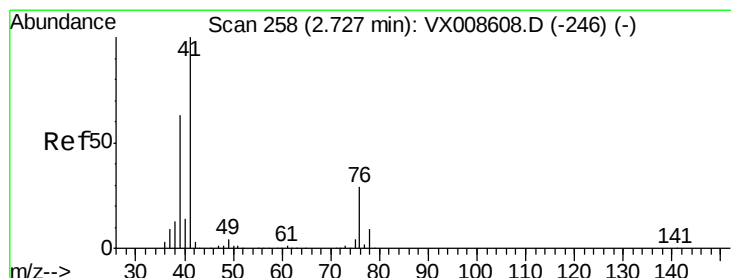
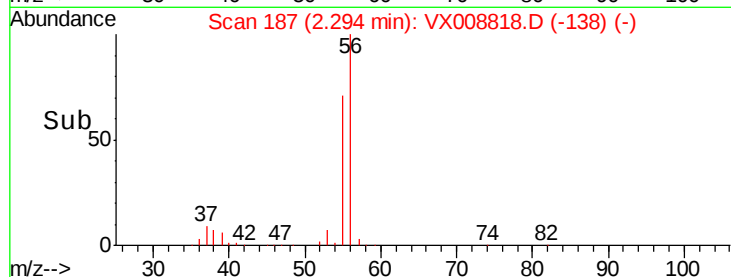
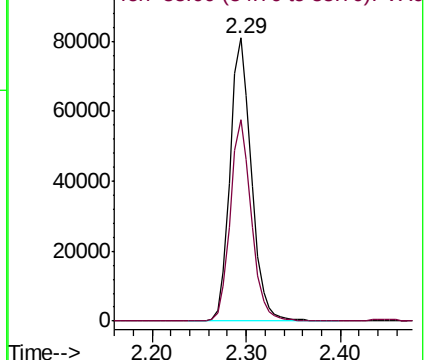
56 100

55 70.4 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: 43.703 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

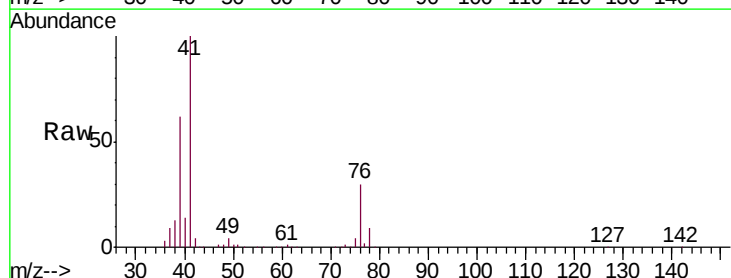
Tgt Ion: 41 Resp: 203671

Ion Ratio Lower Upper

41 100

39 59.4 48.0 72.0

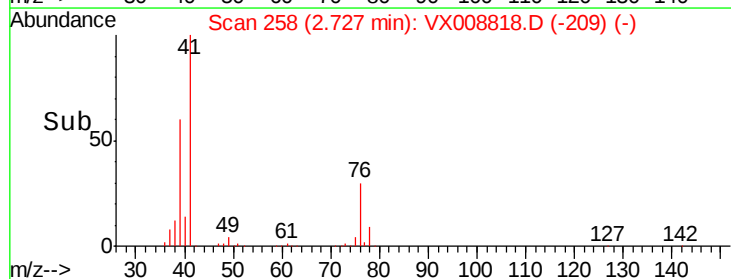
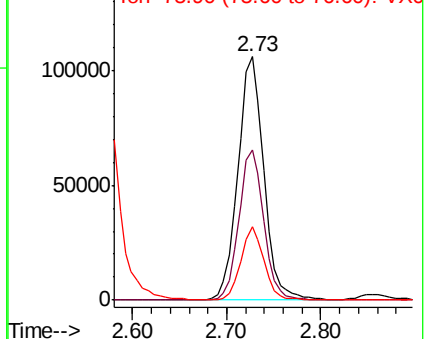
76 27.1 22.0 33.0

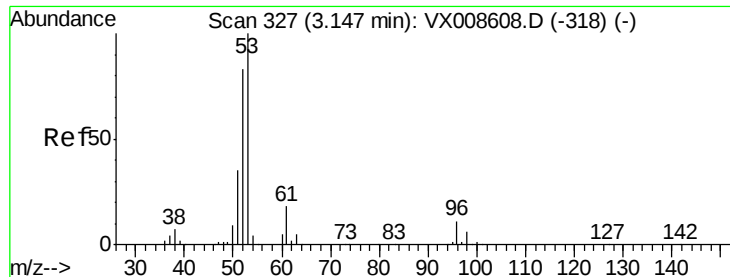


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 220.702 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

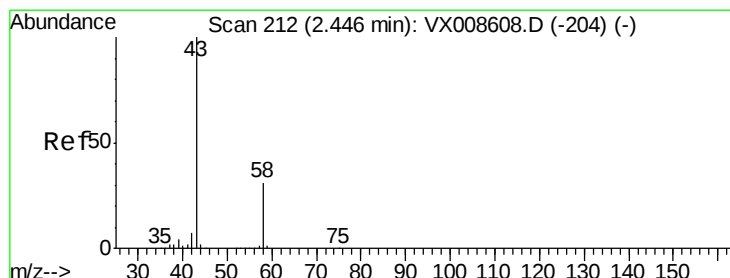
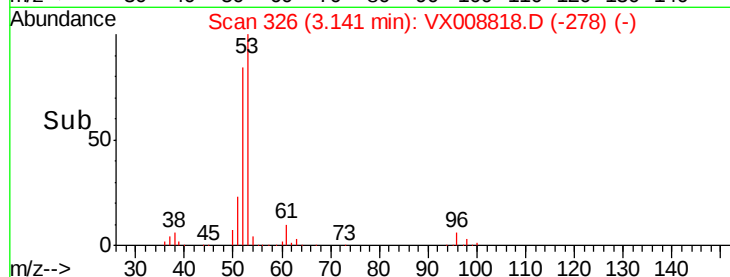
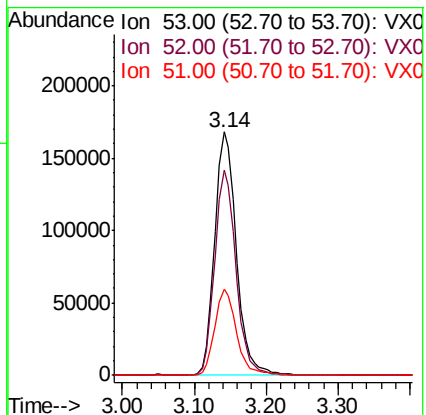
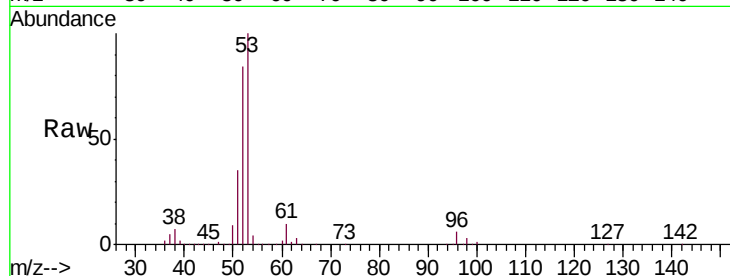
Tgt Ion: 53 Resp: 351560

Ion Ratio Lower Upper

53 100

52 82.9 66.5 99.7

51 35.3 28.6 42.8



#16

Acetone

Concen: 210.565 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008818.D

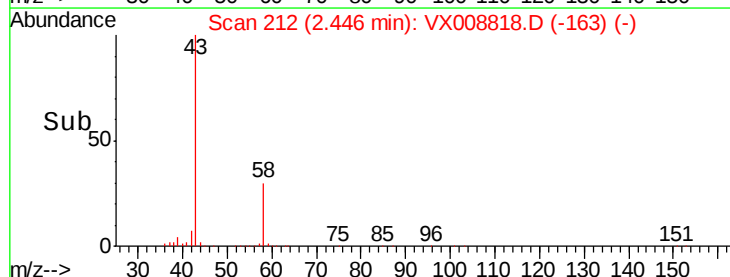
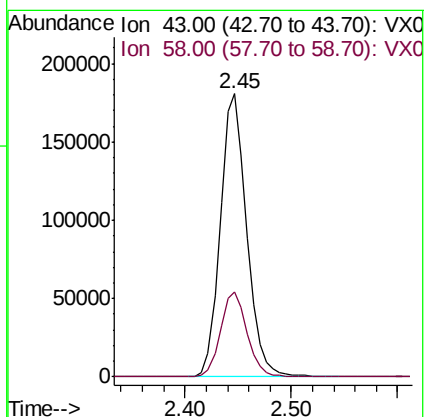
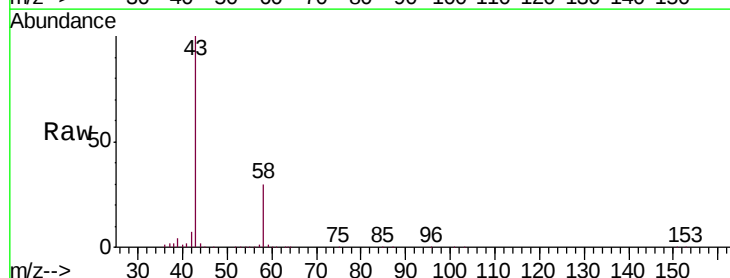
Acq: 10 Apr 2019 20:12

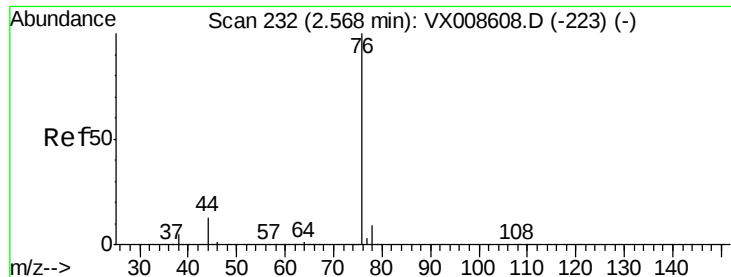
Tgt Ion: 43 Resp: 311491

Ion Ratio Lower Upper

43 100

58 29.9 24.8 37.2

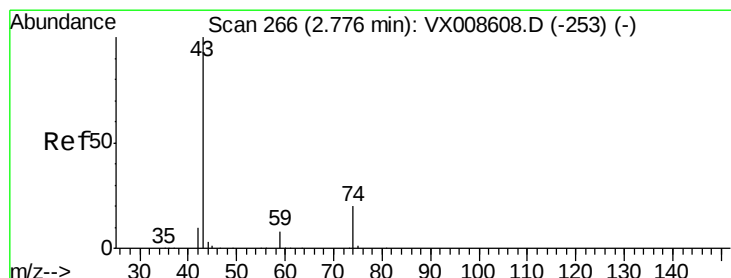
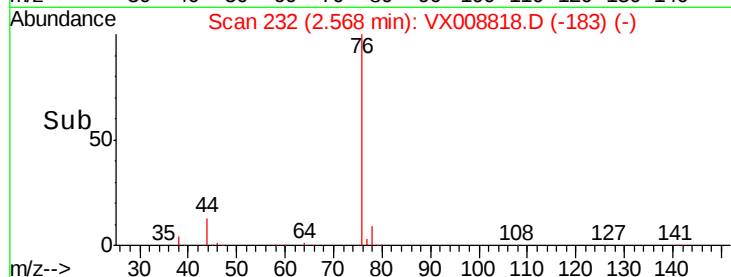
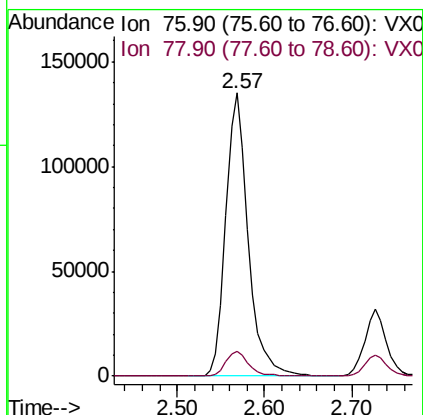
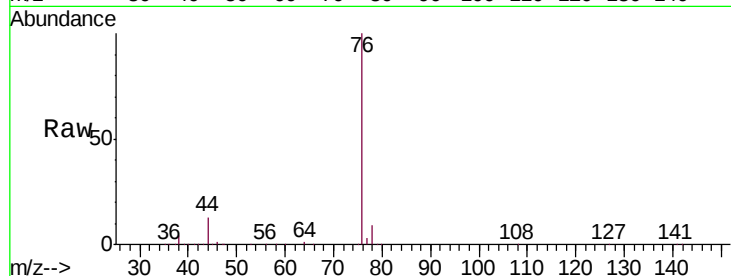




#17
Carbon Disulfide
Concen: 40.679 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

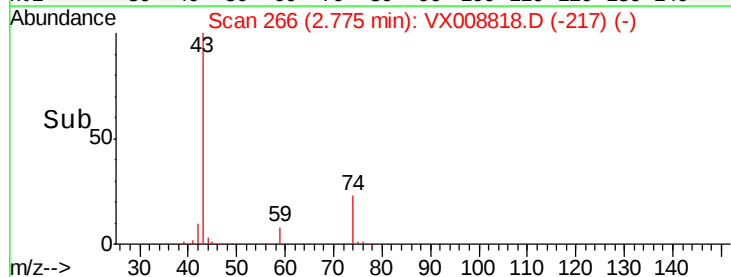
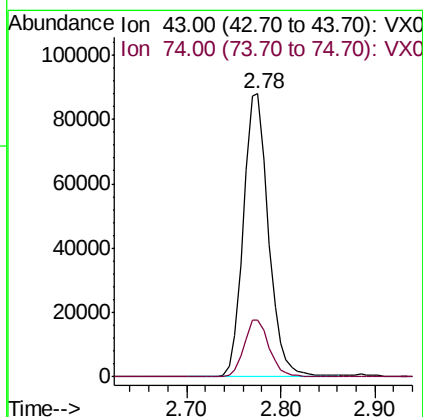
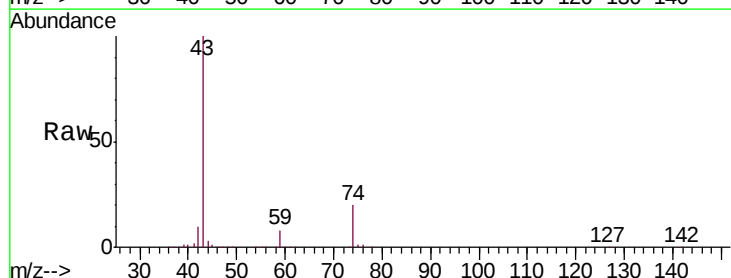
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

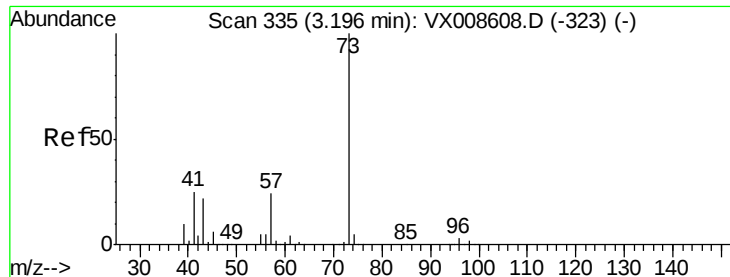
Tgt Ion: 76 Resp: 239948
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 45.320 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion: 43 Resp: 162596
Ion Ratio Lower Upper
43 100
74 20.4 16.5 24.7



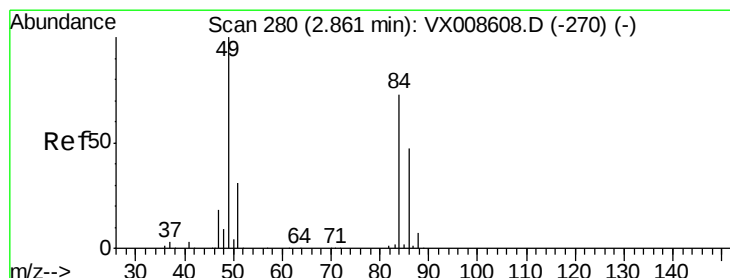
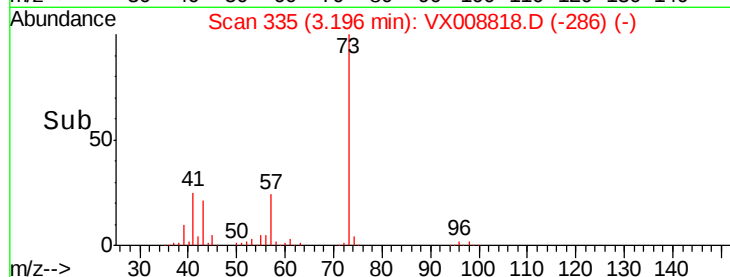
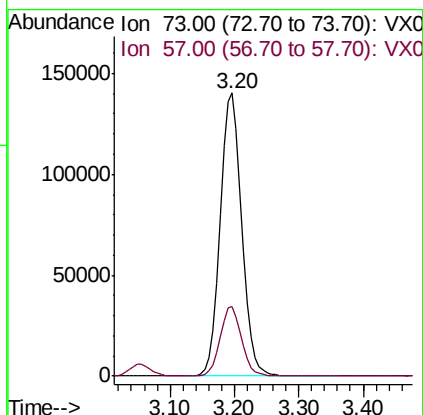
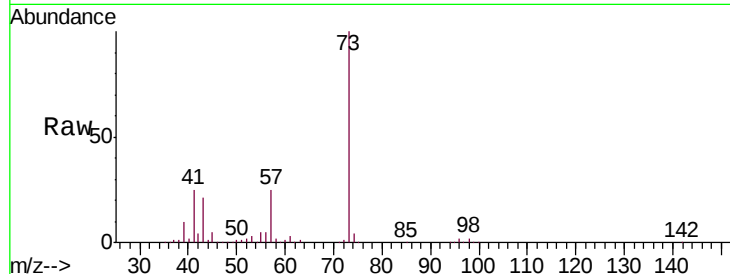


#19

Methyl tert-butyl Ether
Concen: 45.540 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

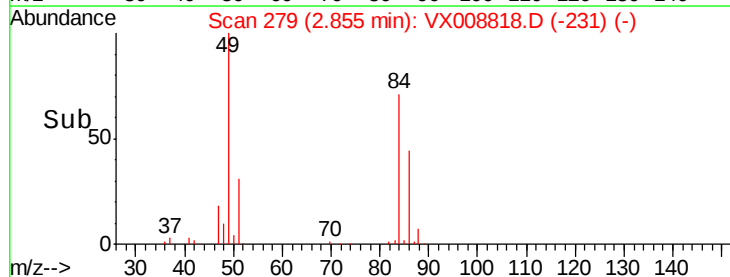
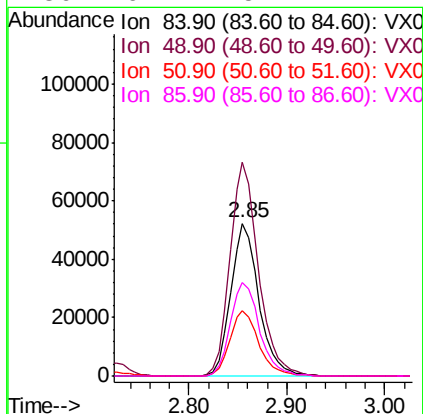
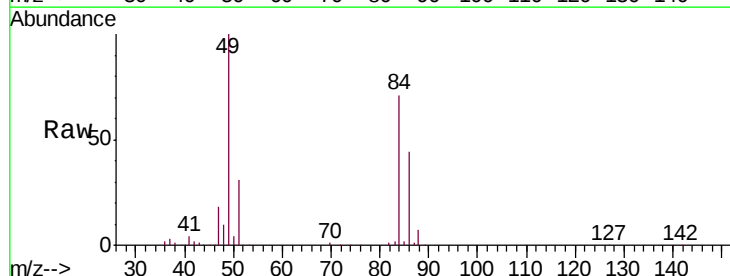
Tgt Ion: 73 Resp: 331086
Ion Ratio Lower Upper
73 100
57 24.5 19.5 29.3

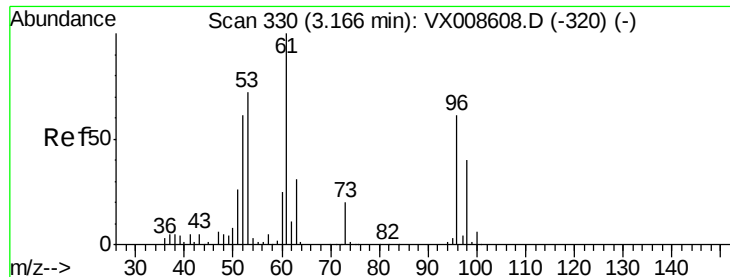


#20

Methylene Chloride
Concen: 41.982 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion: 84 Resp: 103955
Ion Ratio Lower Upper
84 100
49 140.1 109.7 164.5
51 42.7 33.6 50.4
86 61.7 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 41.718 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

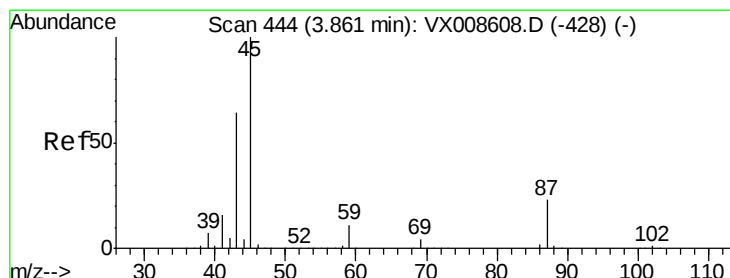
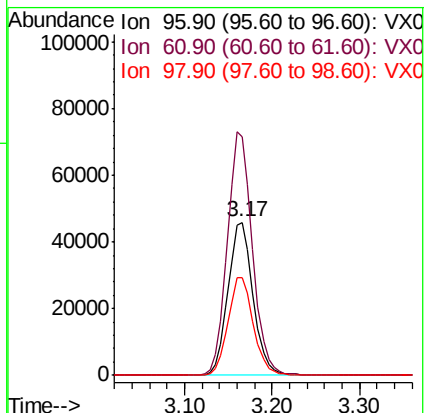
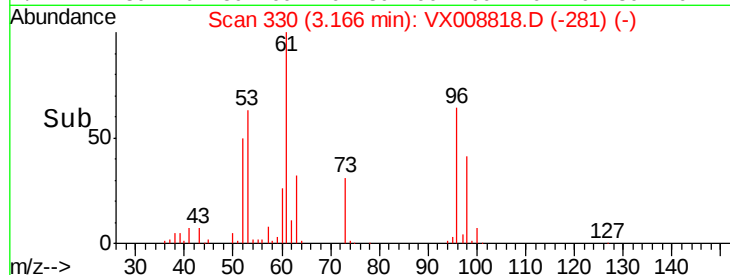
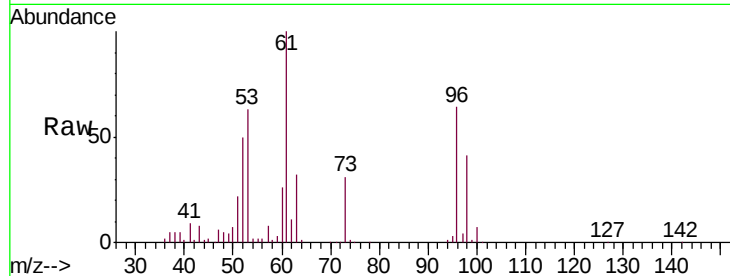
Tgt Ion: 96 Resp: 91863

Ion Ratio Lower Upper

96 100

61 155.7 132.1 198.1

98 63.8 52.2 78.2



#22

Diisopropyl ether

Concen: 45.275 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Tgt Ion: 45 Resp: 406681

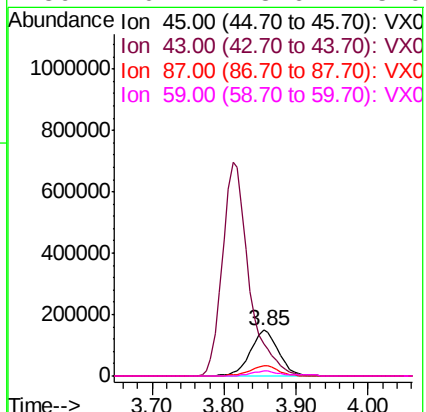
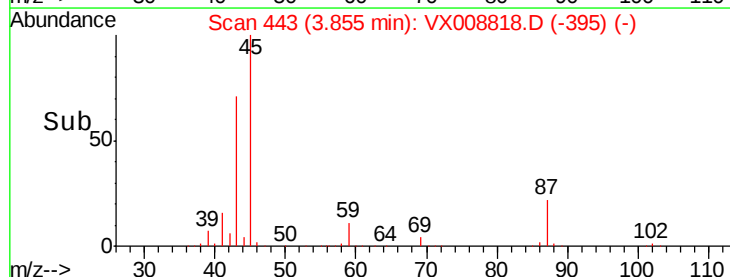
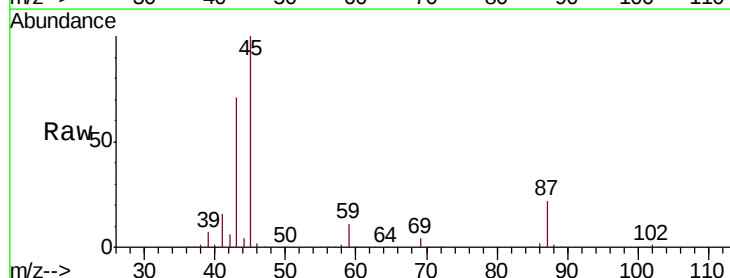
Ion Ratio Lower Upper

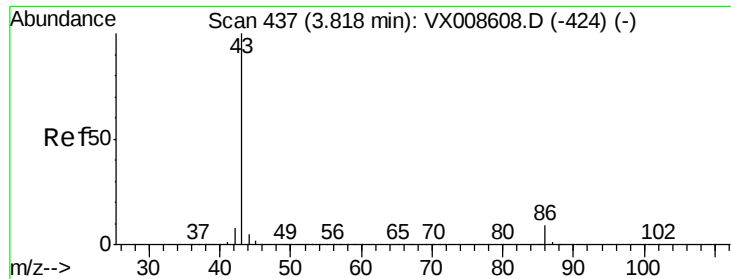
45 100

43 71.0 51.3 76.9

87 22.0 18.1 27.1

59 10.7 8.6 13.0





#23

Vinyl Acetate

Concen: 230.052 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

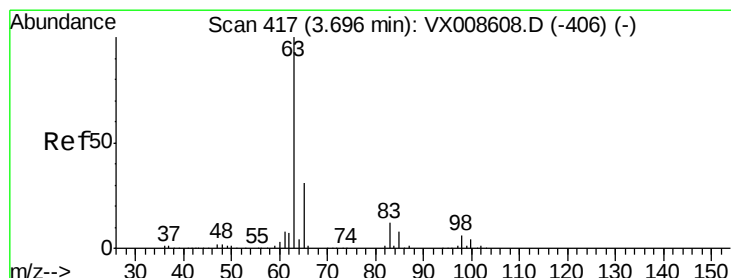
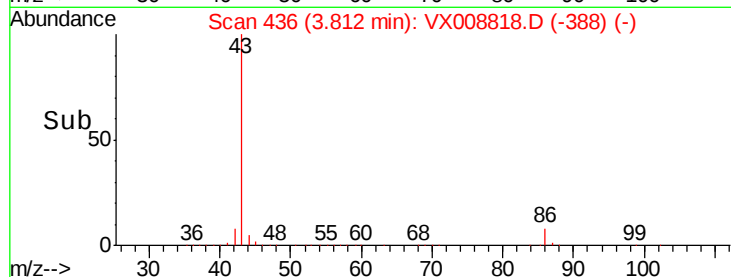
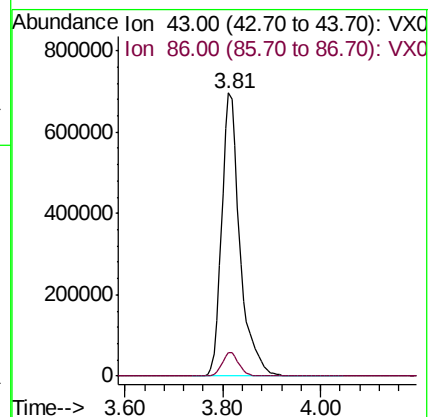
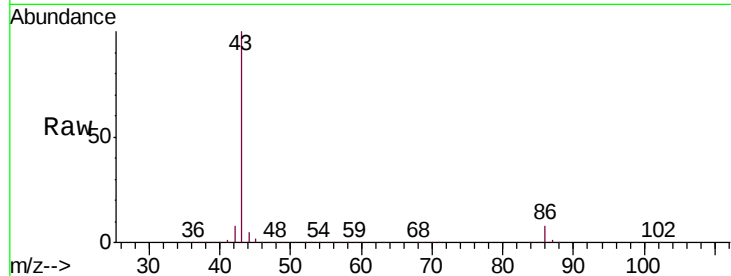
VSTDCCC050EC

Tgt Ion: 43 Resp: 1797650

Ion Ratio Lower Upper

43 100

86 8.5 7.0 10.6



#24

1,1-Dichloroethane

Concen: 44.102 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

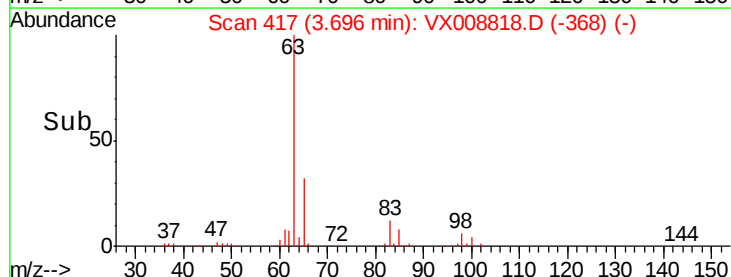
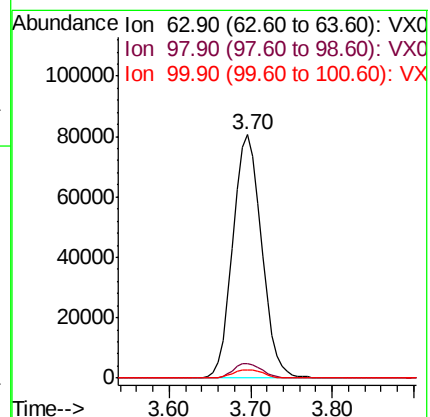
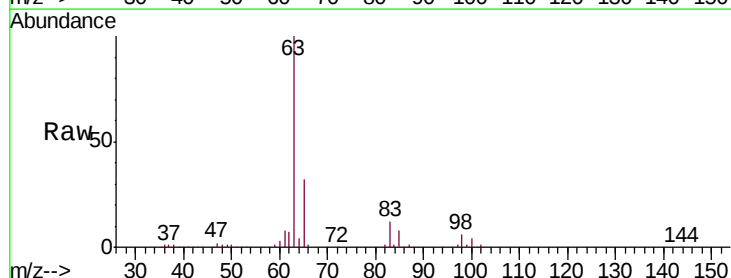
Tgt Ion: 63 Resp: 196136

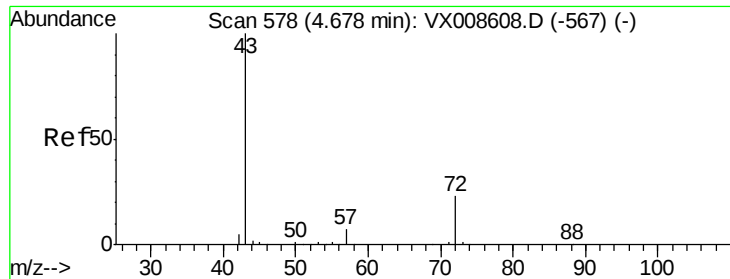
Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

100 3.5 1.8 5.5





#25

2-Butanone

Concen: 224.404 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

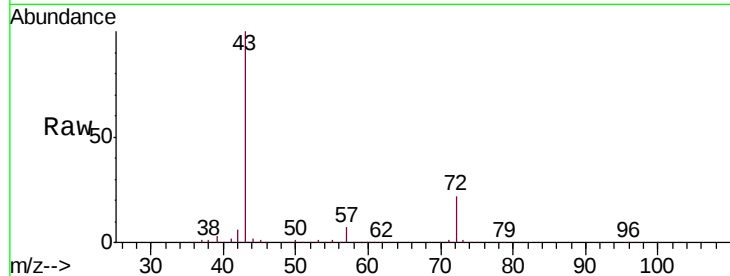
VSTDCCC050EC

Tgt Ion: 43 Resp: 524676

Ion Ratio Lower Upper

43 100

72 22.0 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

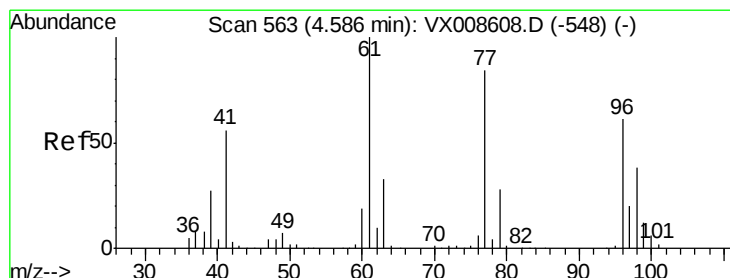
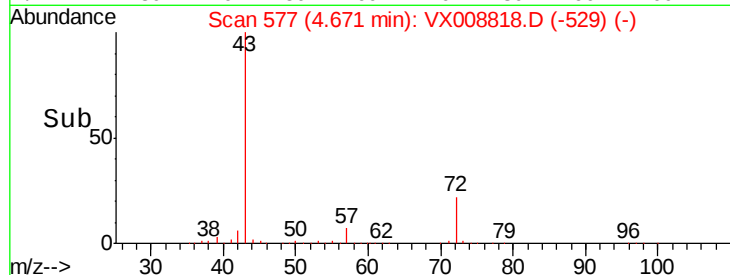
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 43.663 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008818.D

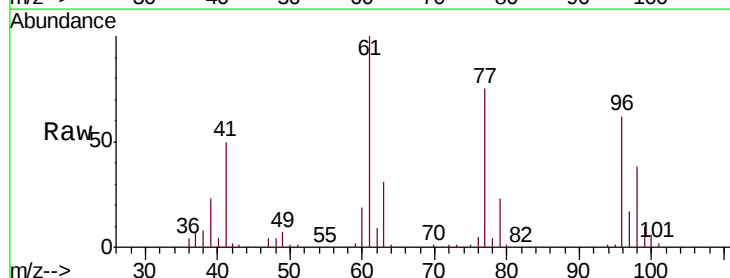
Acq: 10 Apr 2019 20:12

Tgt Ion: 77 Resp: 136765

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

50000

40000

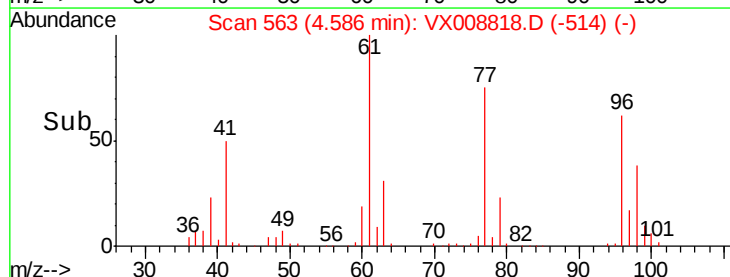
30000

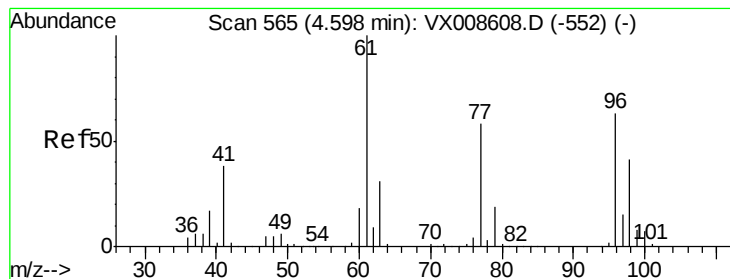
20000

10000

0

Time-->



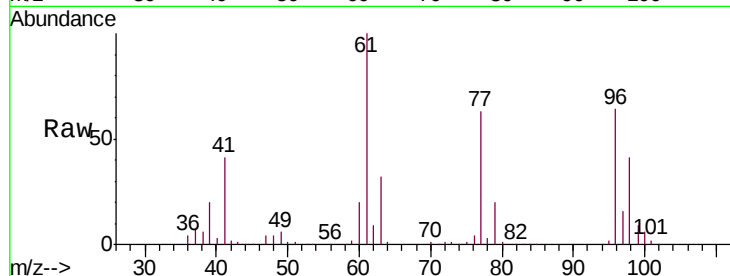


#27

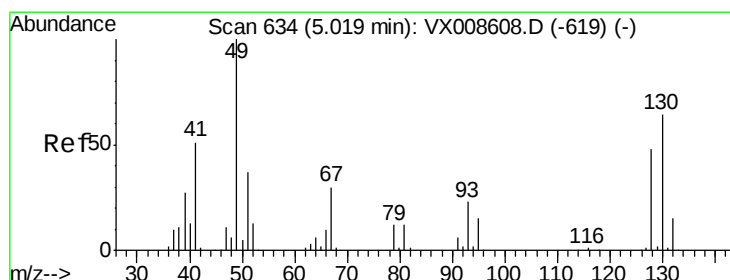
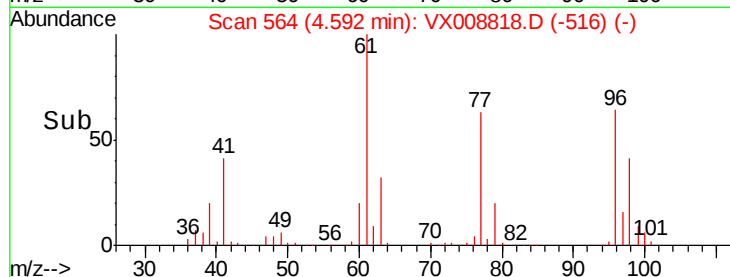
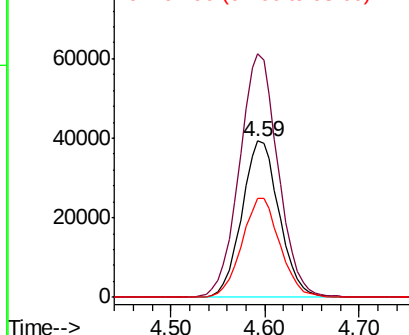
cis-1,2-Dichloroethene
Concen: 43.165 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 109280
Ion Ratio Lower Upper
96 100
61 161.7 0.0 327.6
98 64.6 0.0 128.6



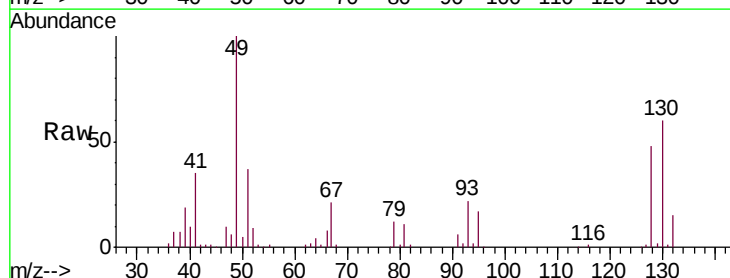
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



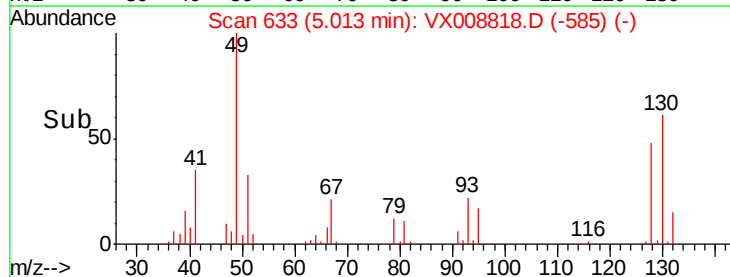
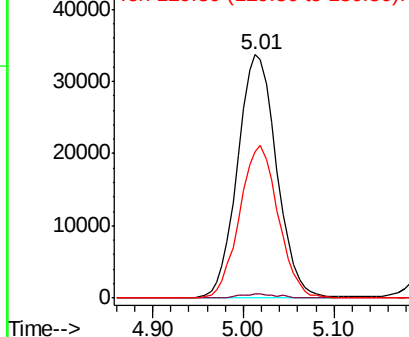
#28

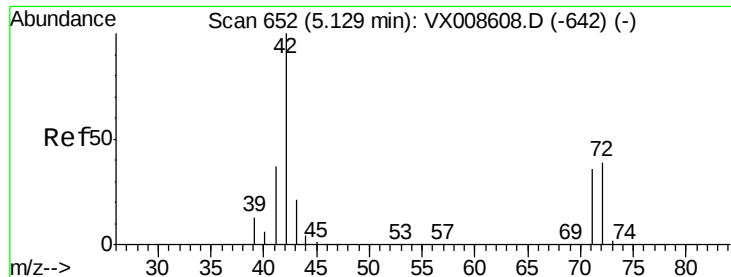
Bromochloromethane
Concen: 54.743 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion: 49 Resp: 101164
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.6
130 61.7 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

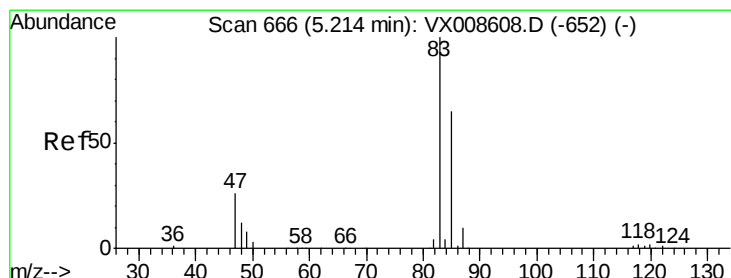
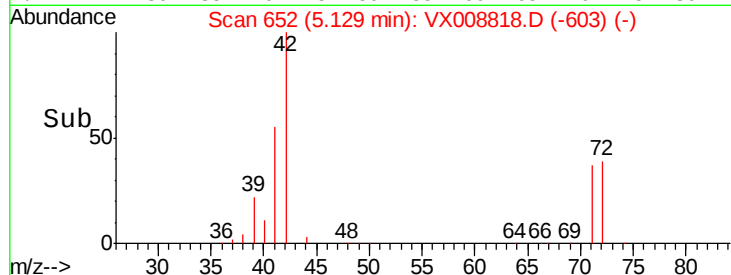
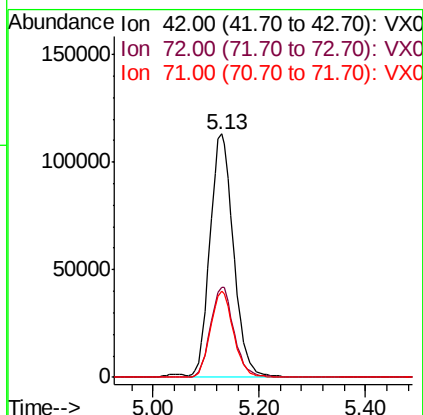
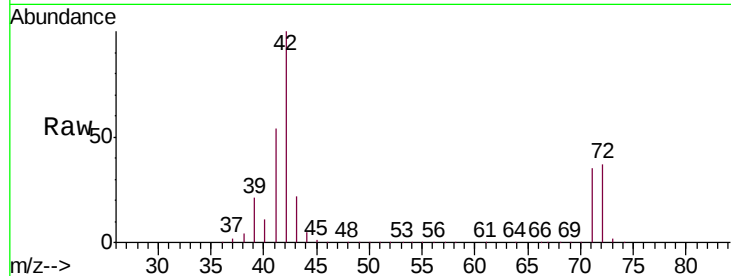




#29
Tetrahydrofuran
Concen: 222.196 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

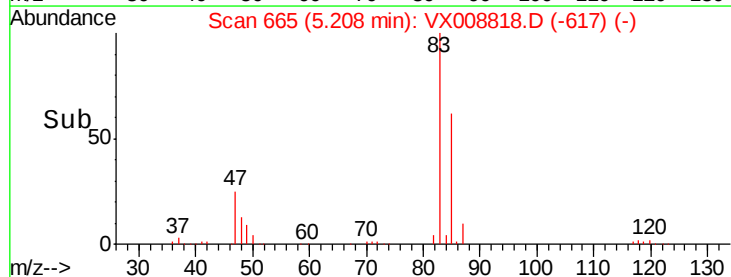
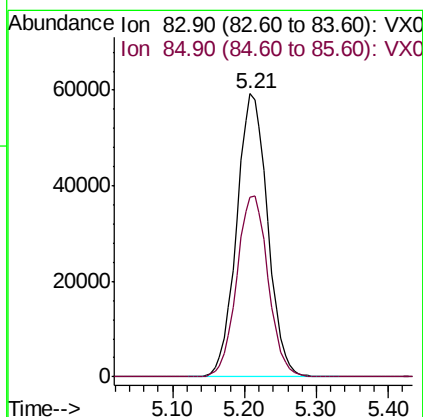
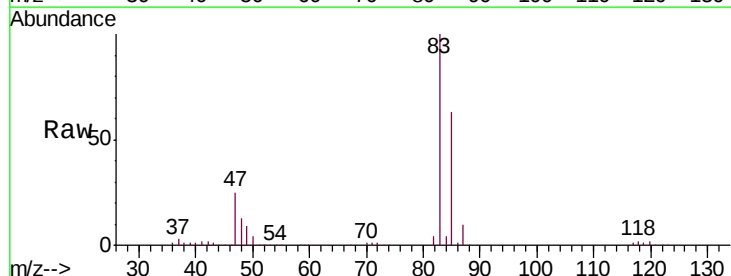
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

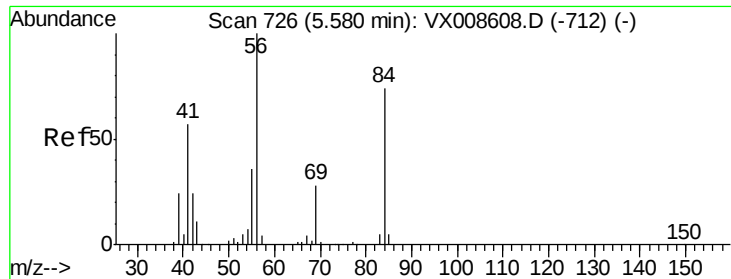
Tgt Ion: 42 Resp: 344814
Ion Ratio Lower Upper
42 100
72 37.2 30.5 45.7
71 34.7 28.6 43.0



#30
Chloroform
Concen: 44.601 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion: 83 Resp: 177161
Ion Ratio Lower Upper
83 100
85 63.4 52.1 78.1

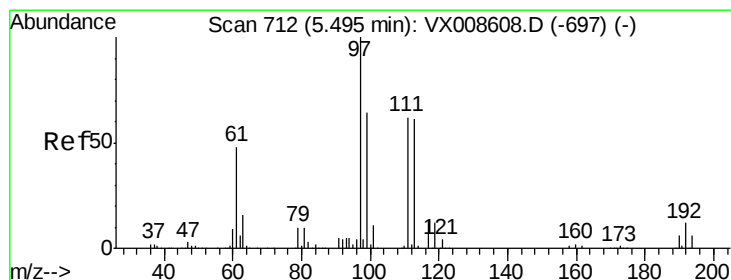
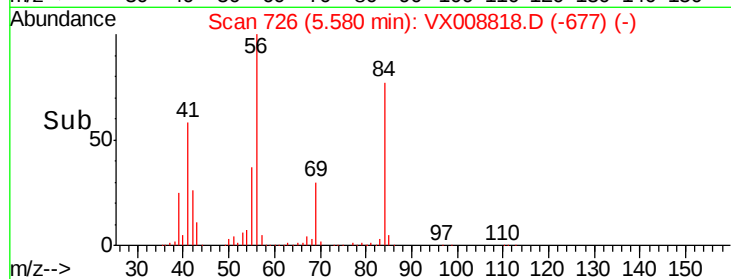
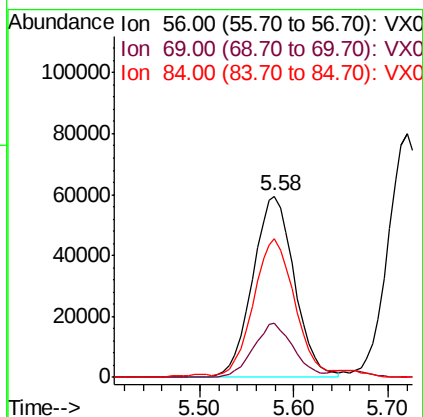
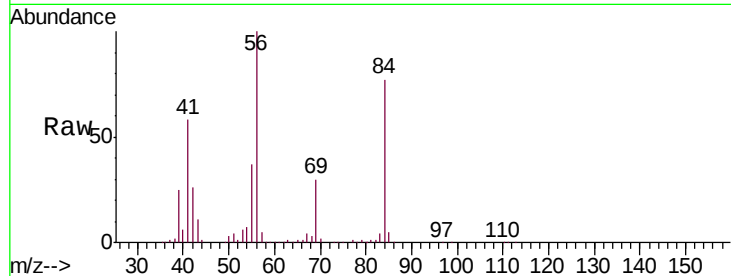




#31
Cyclohexane
Concen: 41.501 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

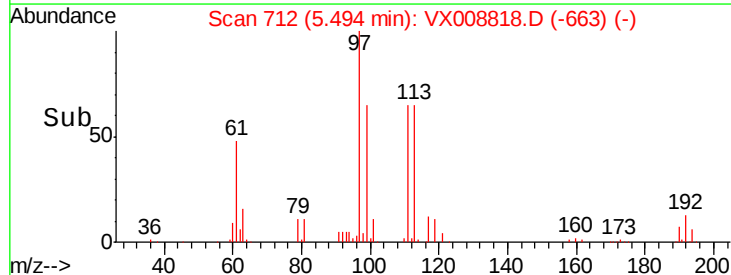
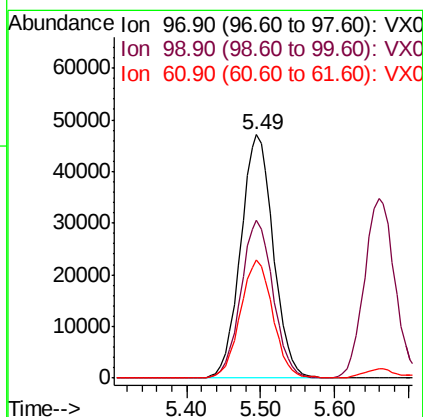
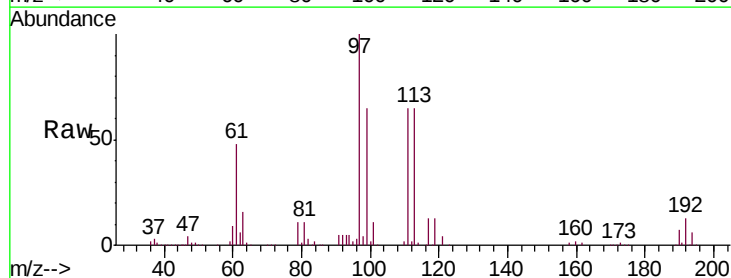
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

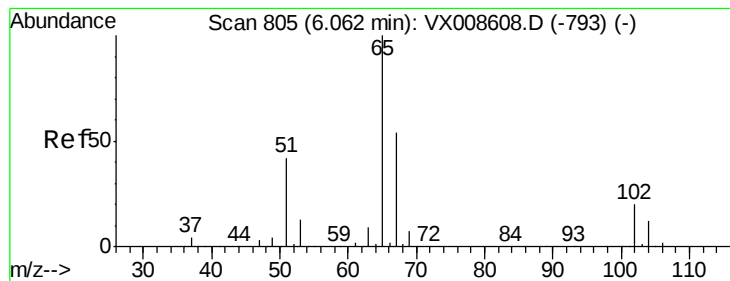
Tgt Ion: 56 Resp: 184164
Ion Ratio Lower Upper
56 100
69 30.0 22.6 33.8
84 75.3 59.3 88.9



#32
1,1,1-Trichloroethane
Concen: 45.061 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion: 97 Resp: 144640
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 48.6 38.9 58.3





#33

1,2-Dichloroethane-d4

Concen: 46.491 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

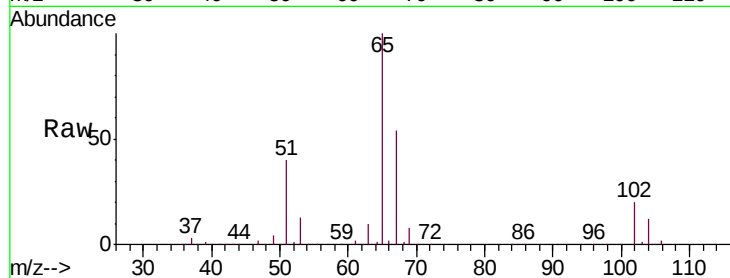
VSTDCCC050EC

Tgt Ion: 65 Resp: 119406

Ion Ratio Lower Upper

65 100

67 54.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

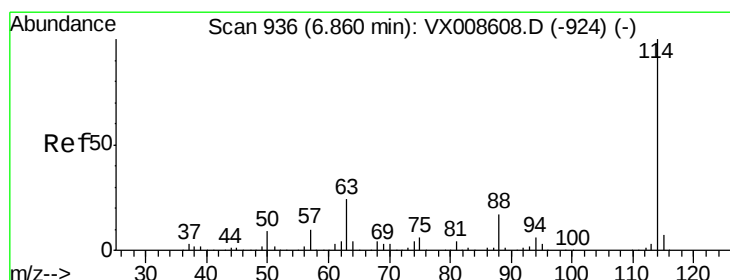
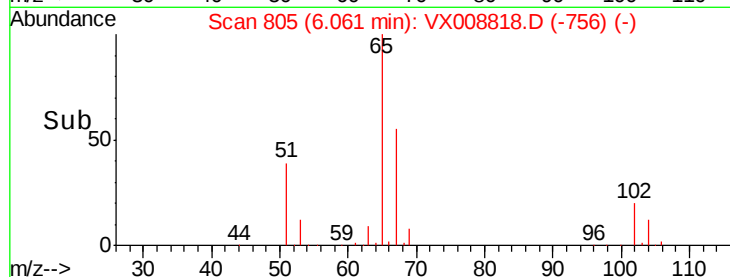
20000

10000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

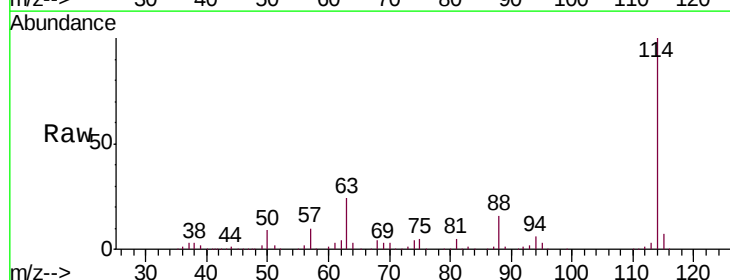
Tgt Ion: 114 Resp: 290829

Ion Ratio Lower Upper

114 100

63 23.7 0.0 47.2

88 15.8 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

6.86

150000

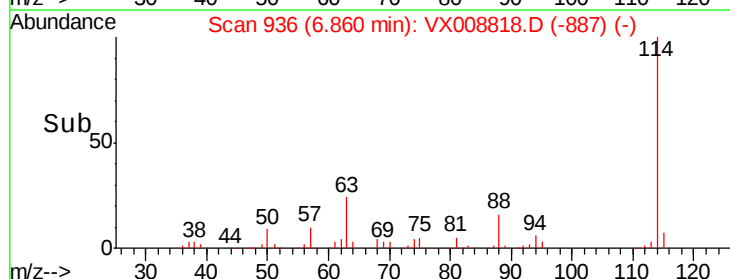
100000

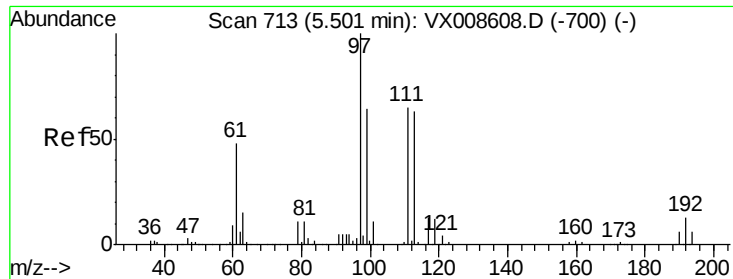
50000

0

Time-->

6.70 6.80 6.90 7.00

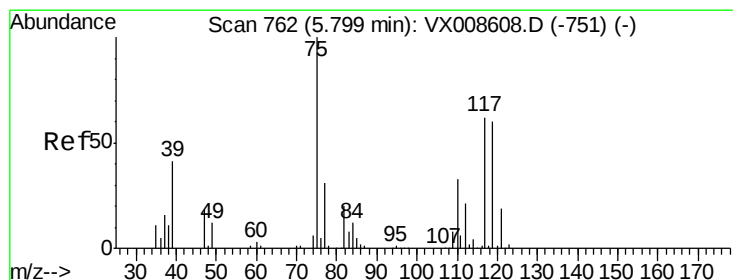
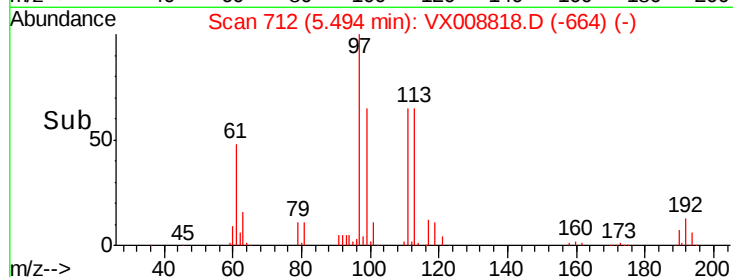
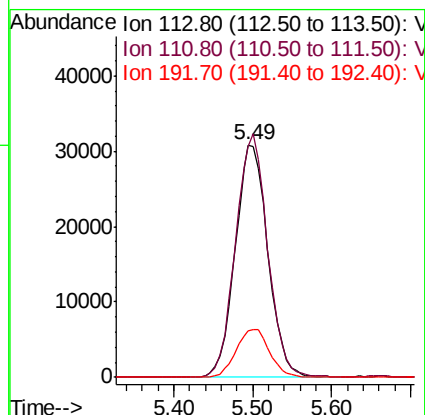
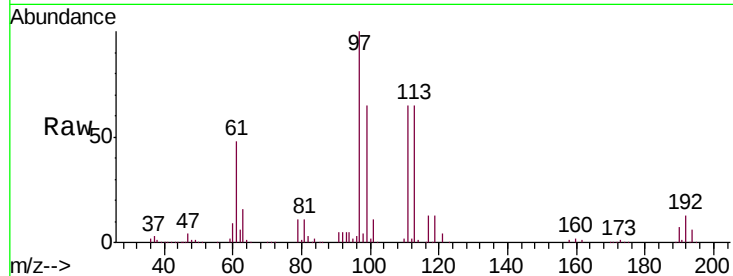




#35
 Dibromofluoromethane
 Concen: 47.729 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

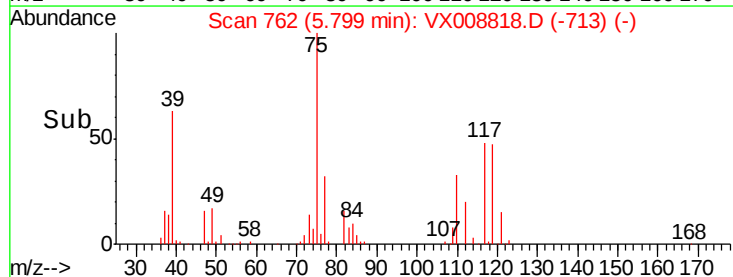
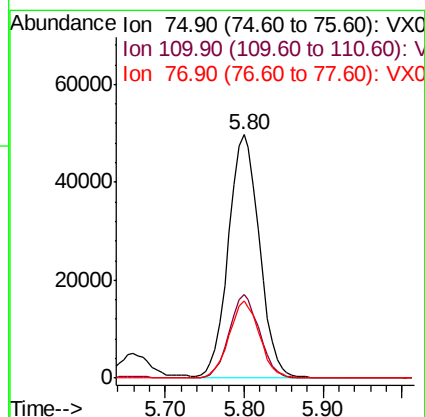
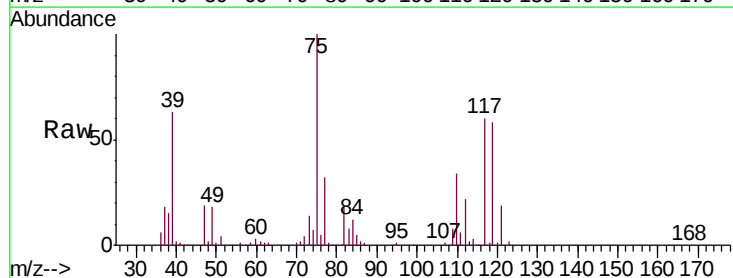
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

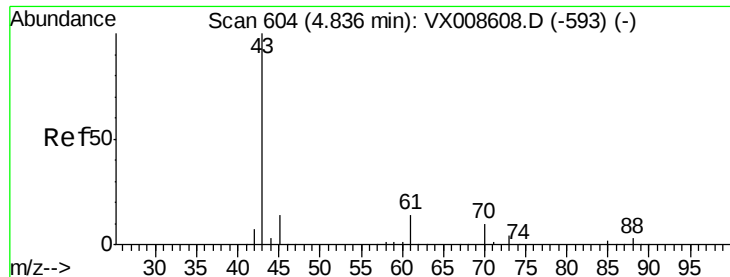
Tgt Ion:113 Resp: 88749
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.4 125.2
 192 21.0 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 42.622 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Tgt Ion: 75 Resp: 135497
 Ion Ratio Lower Upper
 75 100
 110 33.6 16.4 49.2
 77 30.9 24.7 37.1

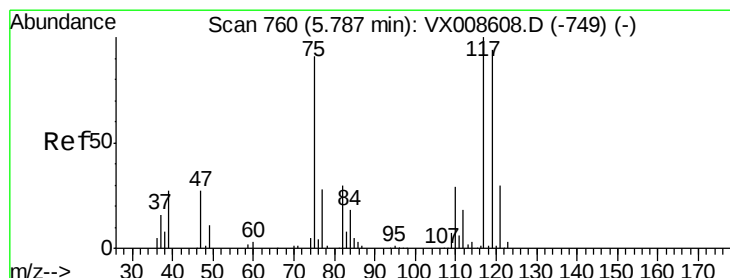
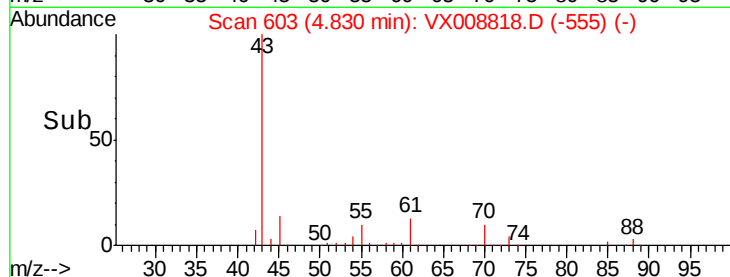
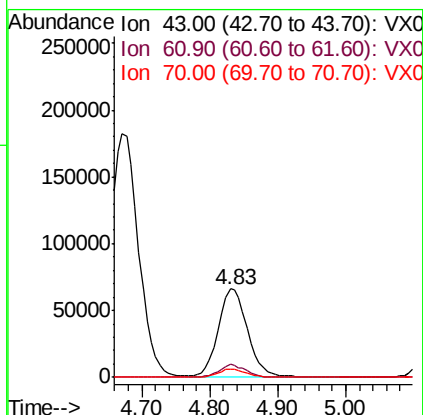
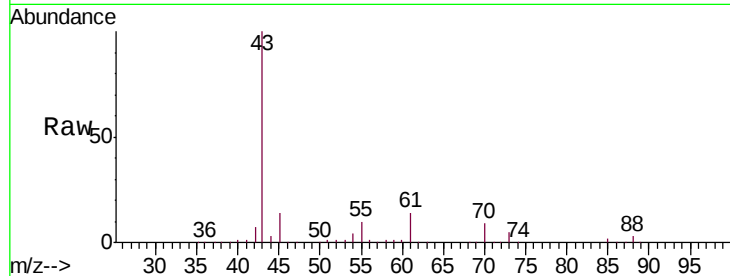




#37
 Ethyl Acetate
 Concen: 46.443 ug/l
 RT: 4.83 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

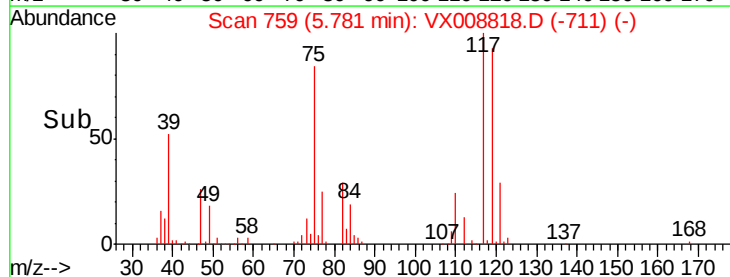
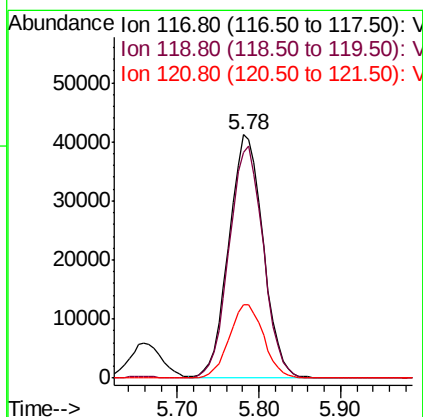
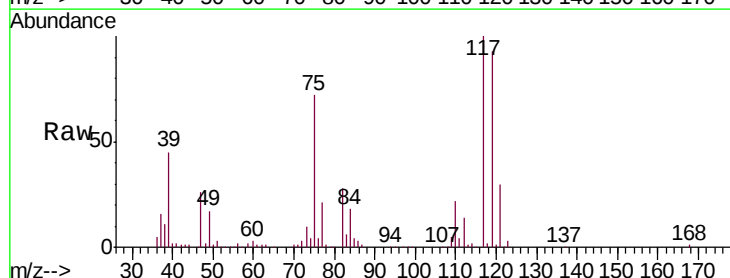
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

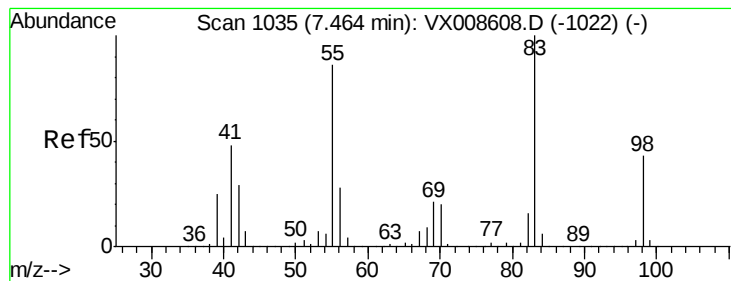
Tgt Ion: 43 Resp: 197074
 Ion Ratio Lower Upper
 43 100
 61 12.9 10.3 15.5
 70 9.3 7.6 11.4



#38
 Carbon Tetrachloride
 Concen: 45.554 ug/l
 RT: 5.78 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Tgt Ion: 117 Resp: 119861
 Ion Ratio Lower Upper
 117 100
 119 92.9 75.0 112.6
 121 30.0 24.3 36.5





#39

Methylcyclohexane

Concen: 42.173 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

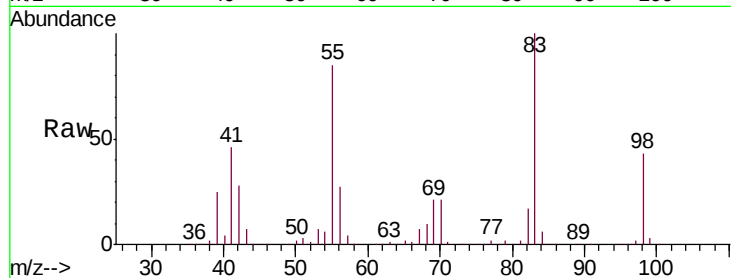
Tgt Ion: 83 Resp: 165619

Ion Ratio Lower Upper

83 100

55 85.4 69.0 103.6

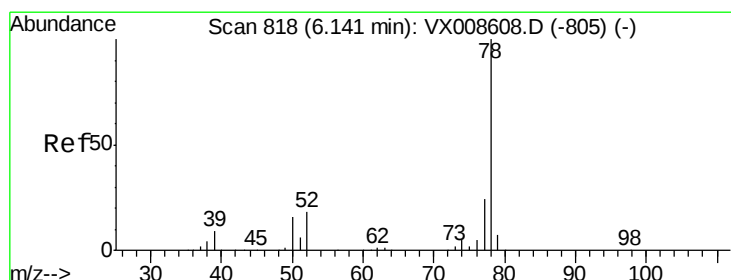
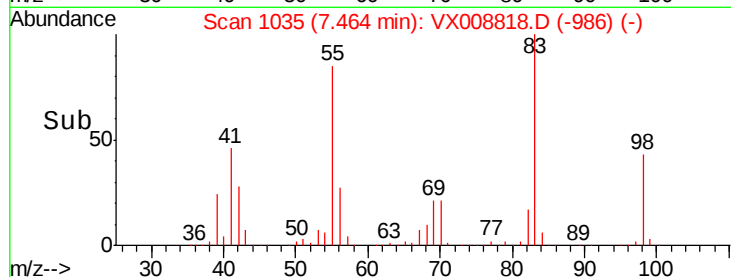
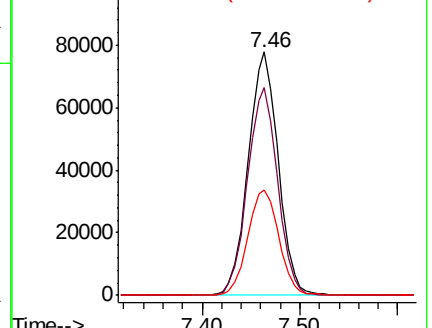
98 43.1 34.4 51.6



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: 44.558 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008818.D

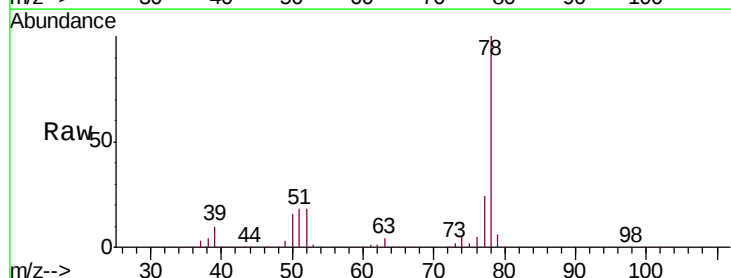
Acq: 10 Apr 2019 20:12

Tgt Ion: 78 Resp: 421995

Ion Ratio Lower Upper

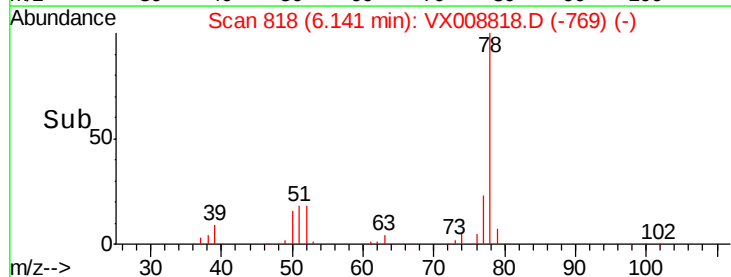
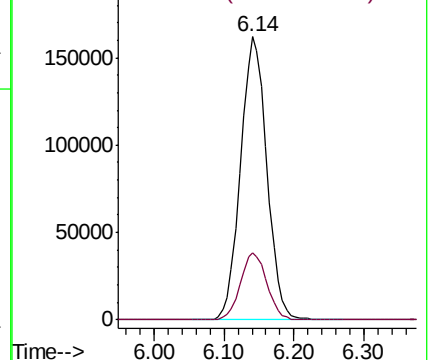
78 100

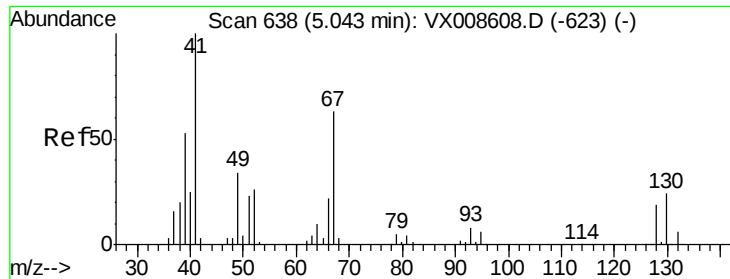
77 23.9 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

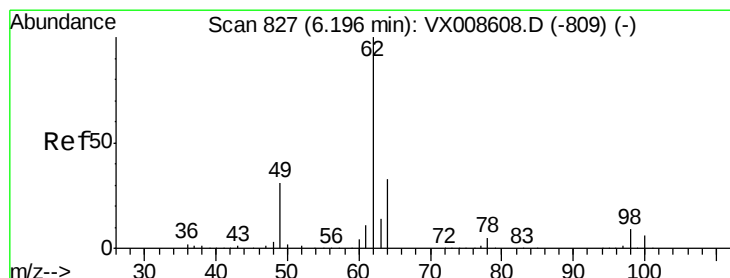
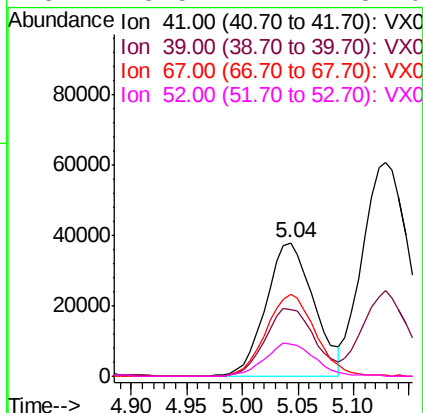
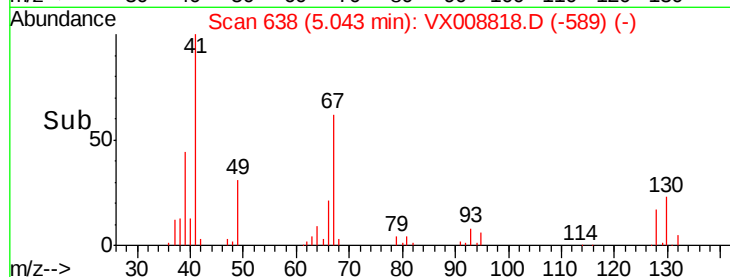
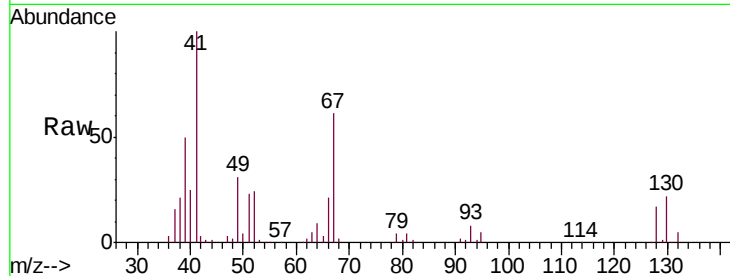




#41
Methacrylonitrile
Concen: 46.381 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

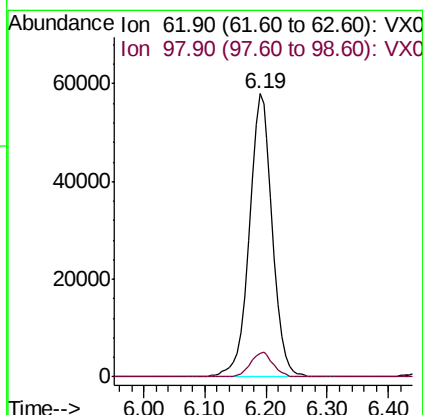
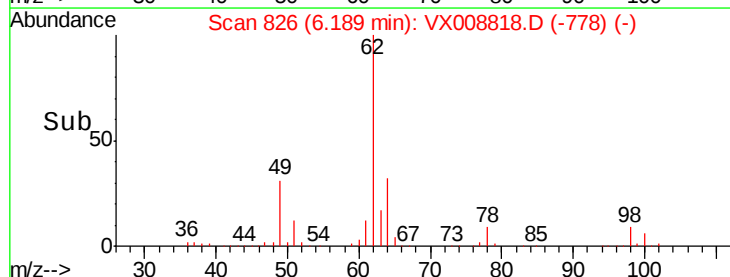
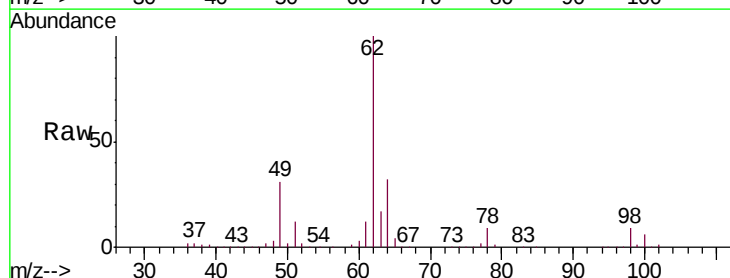
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

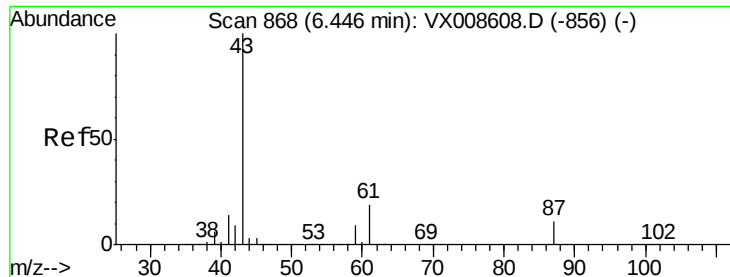
Tgt Ion:	41	Resp:	113128
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.1	63.1
67	63.1	51.0	76.6
52	25.5	21.4	32.0



#42
1,2-Dichloroethane
Concen: 44.863 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion:	62	Resp:	152322
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.0





#43

Isopropyl Acetate

Concen: 46.725 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

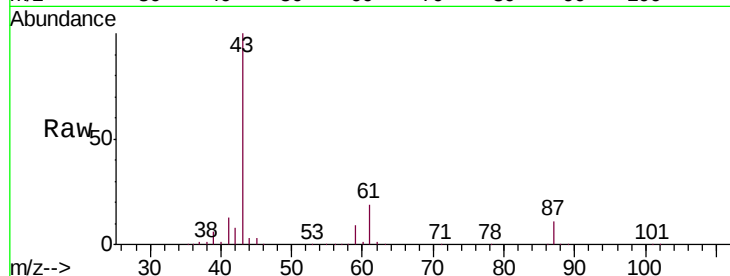
Tgt Ion: 43 Resp: 310593

Ion Ratio Lower Upper

43 100

61 19.0 15.3 22.9

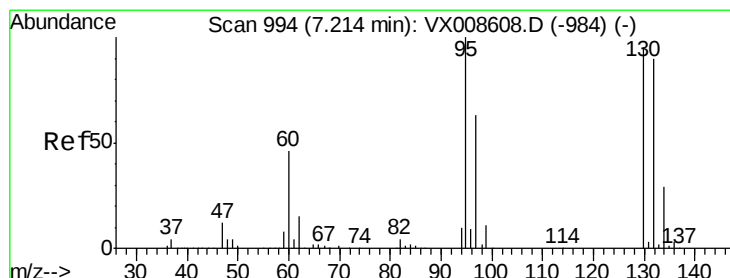
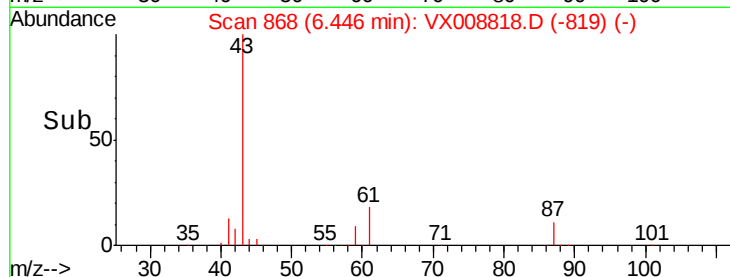
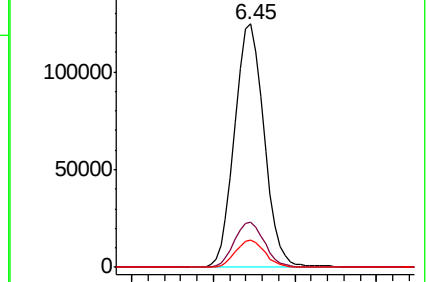
87 11.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 44.891 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008818.D

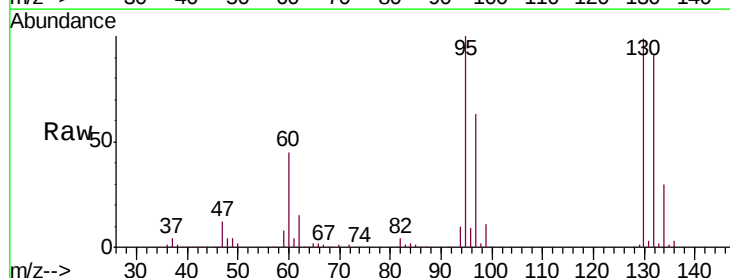
Acq: 10 Apr 2019 20:12

Tgt Ion: 130 Resp: 99020

Ion Ratio Lower Upper

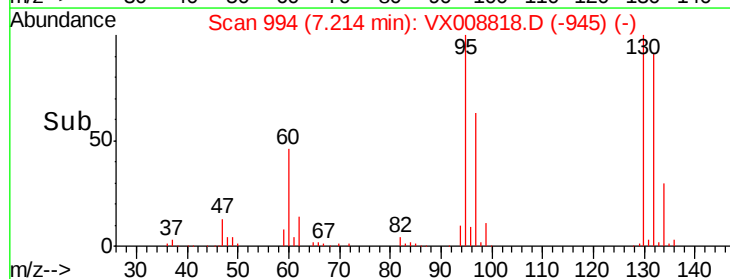
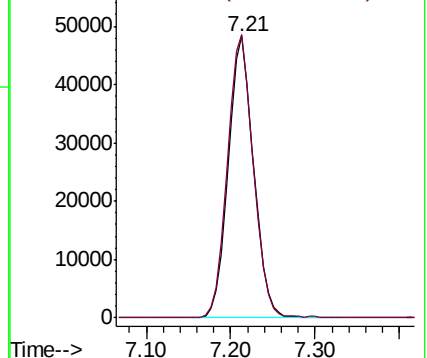
130 100

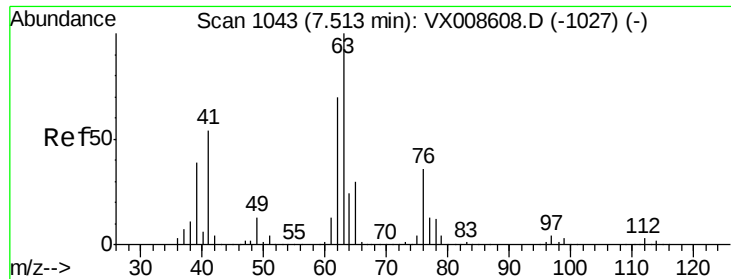
95 100.5 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

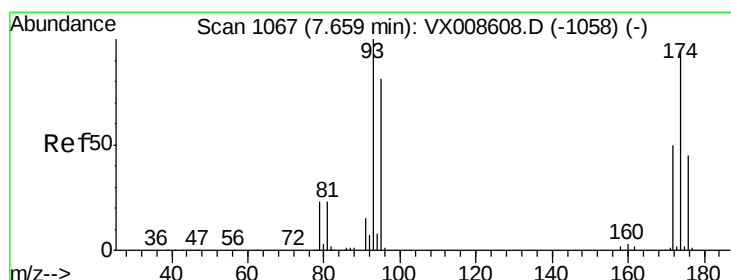
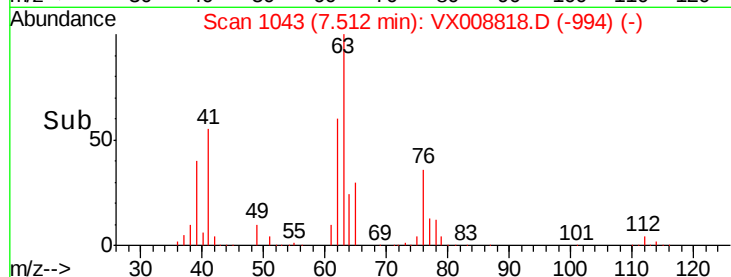
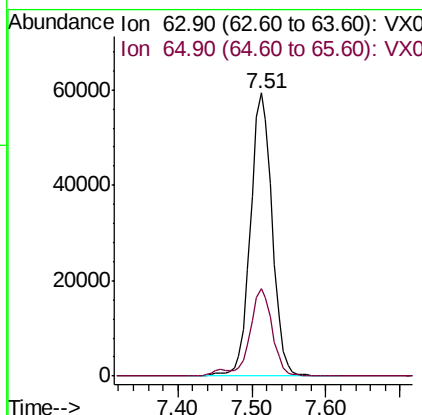
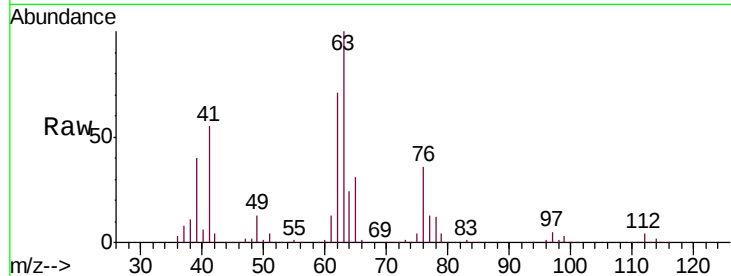




#45
 1,2-Dichloropropane
 Concen: 45.140 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

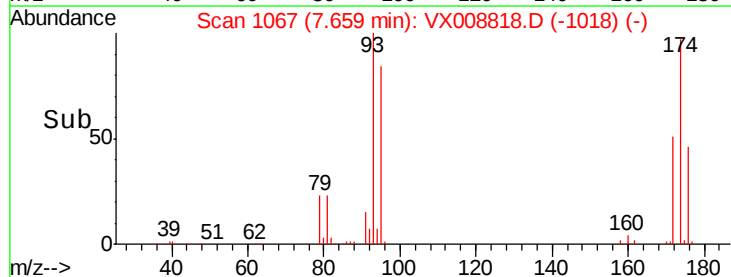
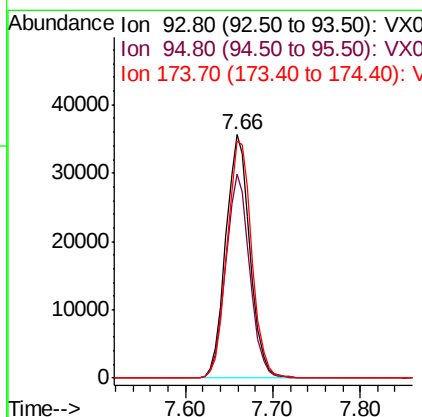
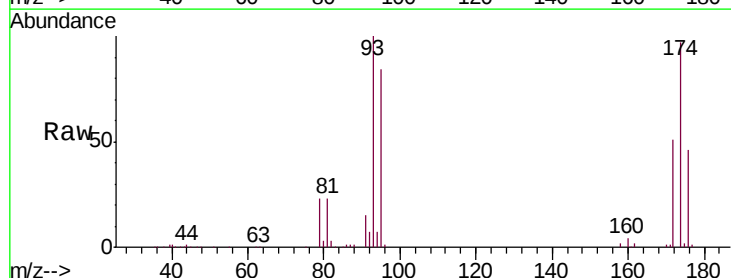
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

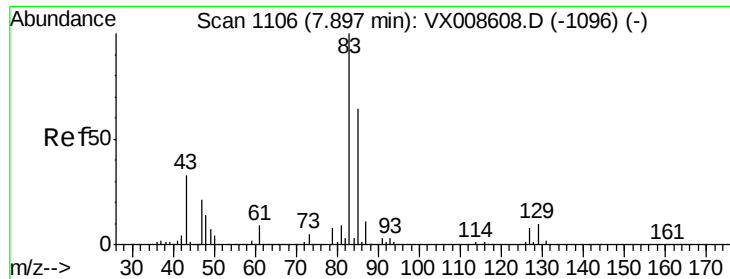
Tgt Ion: 63 Resp: 122021
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.2 36.4



#46
 Dibromomethane
 Concen: 43.476 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Tgt Ion: 93 Resp: 68162
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.6 99.8
 174 99.8 77.7 116.5





#47

Bromodichloromethane

Concen: 46.448 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

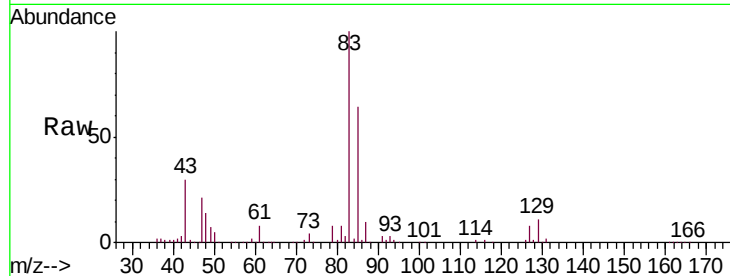
Tgt Ion: 83 Resp: 137303

Ion Ratio Lower Upper

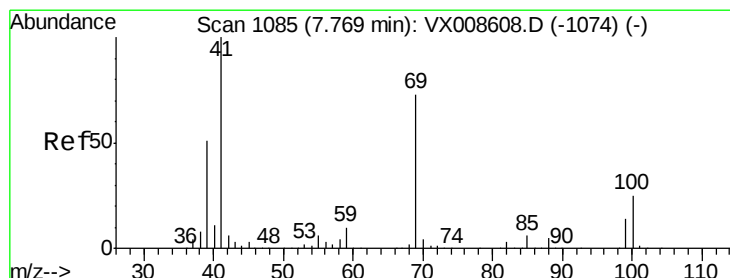
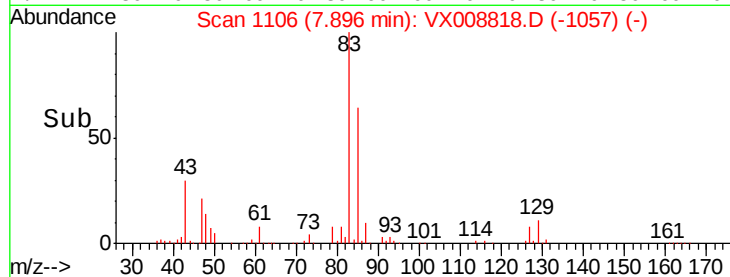
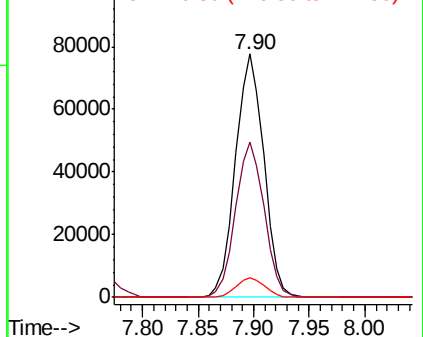
83 100

85 64.0 51.2 76.8

127 8.1 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: 46.700 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

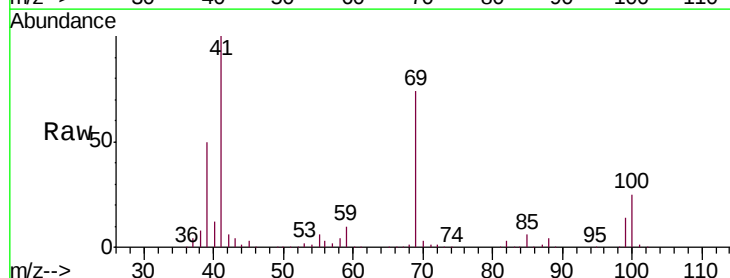
Tgt Ion: 41 Resp: 157031

Ion Ratio Lower Upper

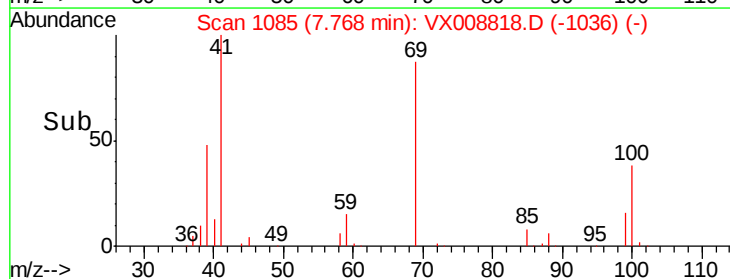
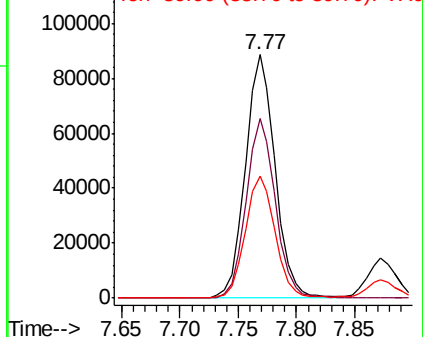
41 100

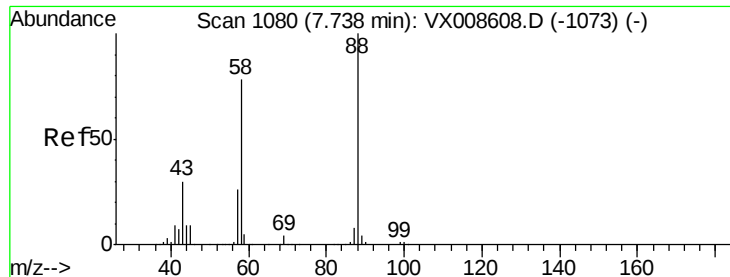
69 73.3 59.0 88.4

39 50.3 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

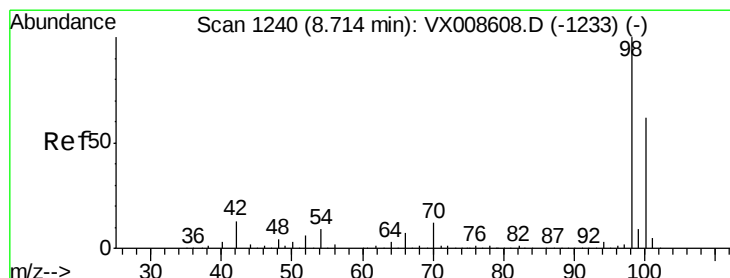
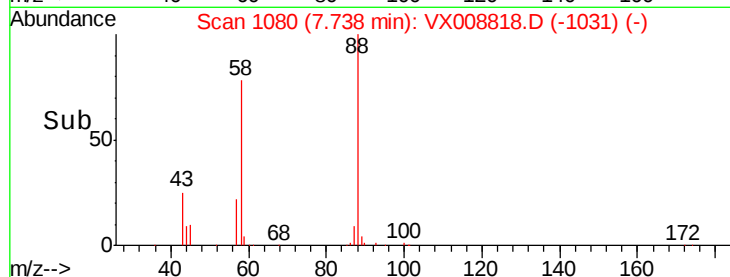
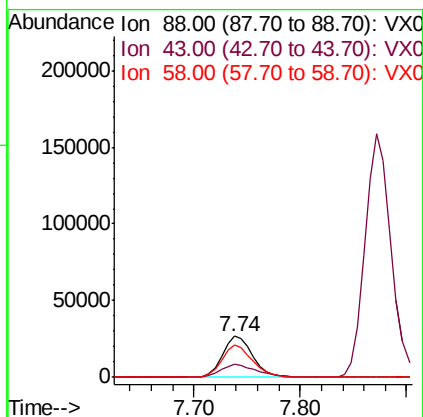
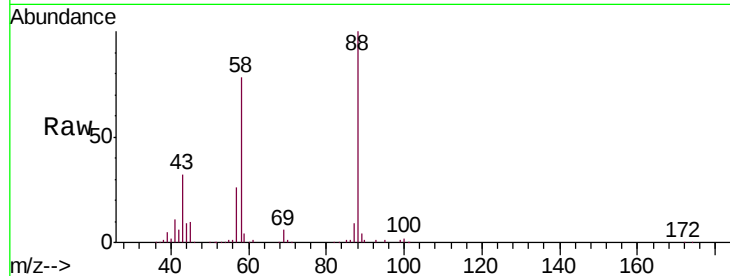




#49
 1,4-Dioxane
 Concen: 846.587 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

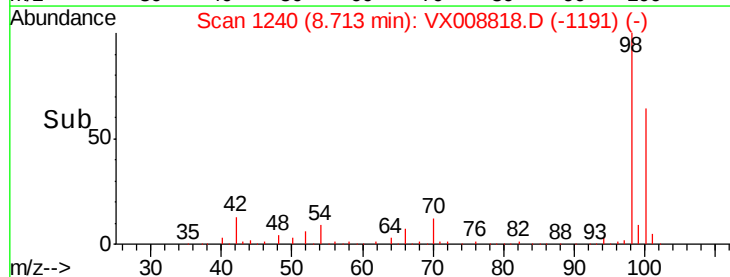
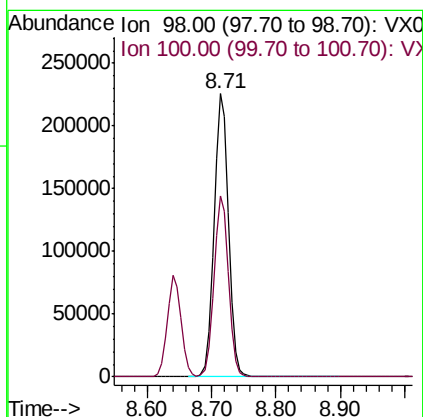
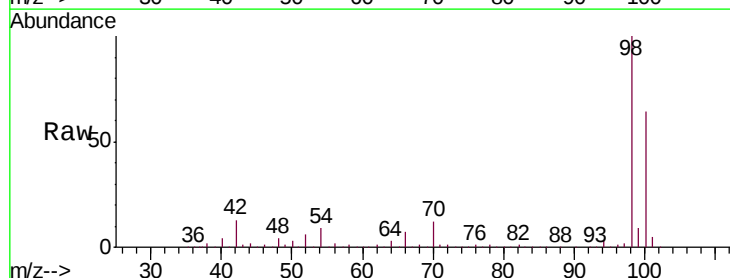
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

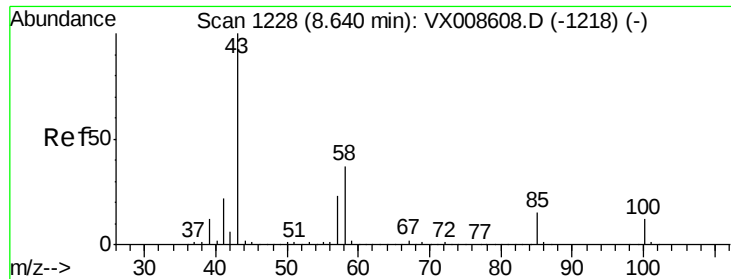
Tgt Ion: 88 Resp: 53326
 Ion Ratio Lower Upper
 88 100
 43 37.9 28.6 43.0
 58 80.0 62.2 93.2



#50
 Toluene-d8
 Concen: 48.188 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Tgt Ion: 98 Resp: 356773
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.4 77.0

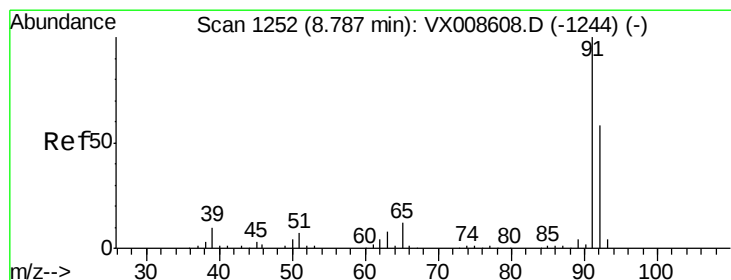
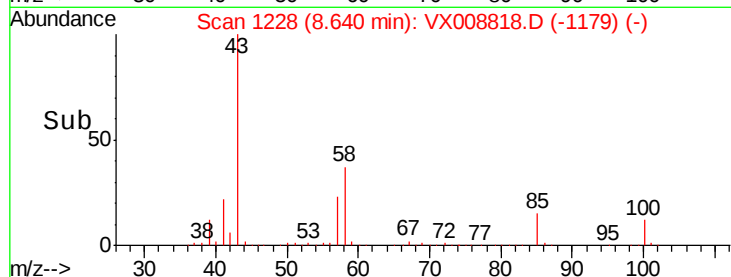
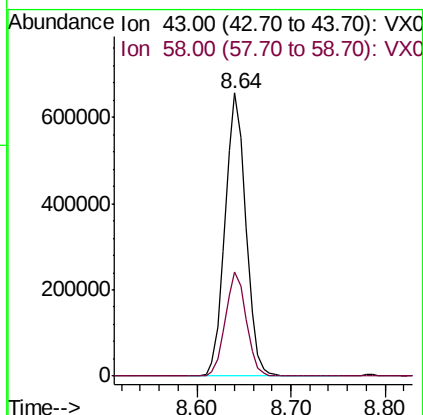
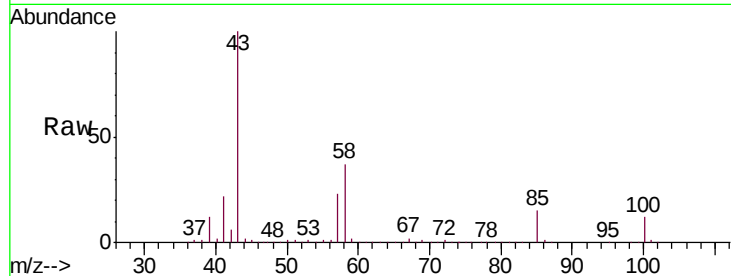




#51
4-Methyl-2-Pentanone
Concen: 235.243 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

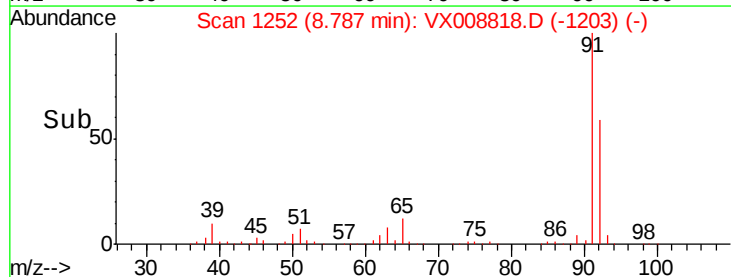
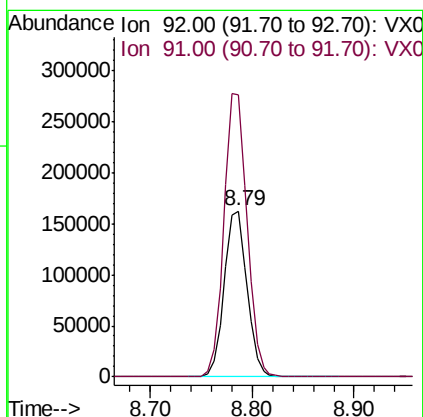
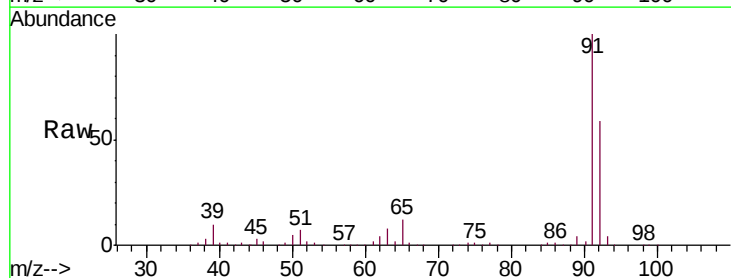
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

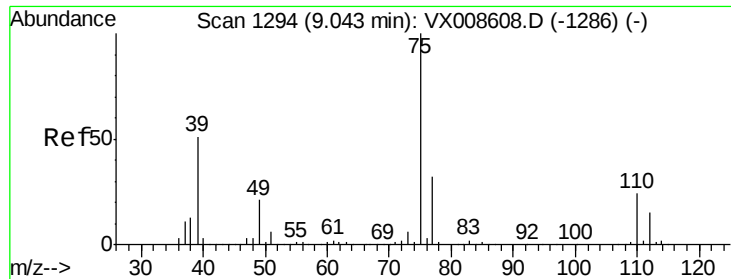
Tgt Ion: 43 Resp: 1006625
Ion Ratio Lower Upper
43 100
58 36.7 29.5 44.3



#52
Toluene
Concen: 45.271 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion: 92 Resp: 252769
Ion Ratio Lower Upper
92 100
91 173.0 138.5 207.7

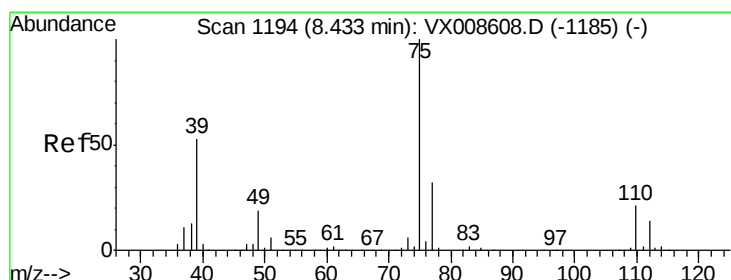
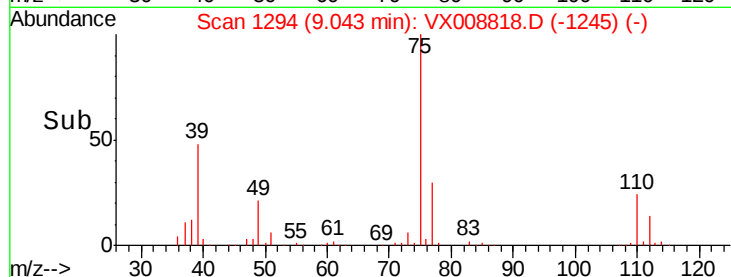
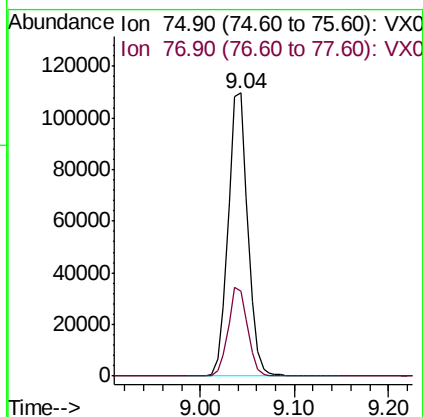
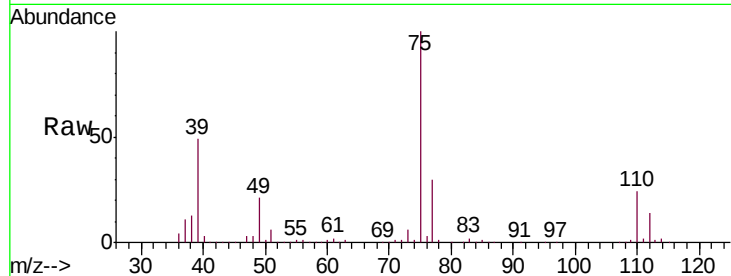




#53
 t-1,3-Dichloropropene
 Concen: 47.920 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

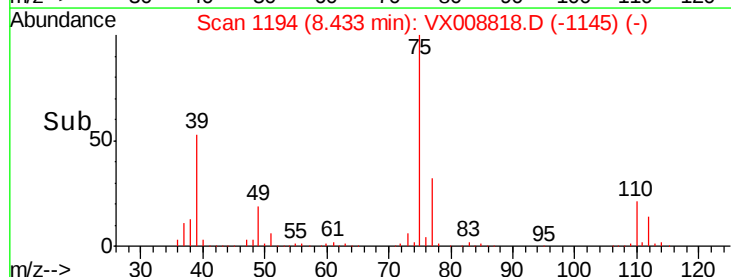
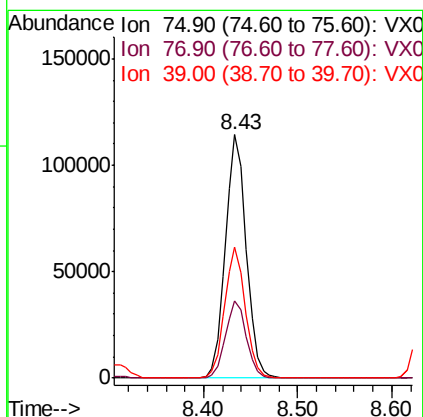
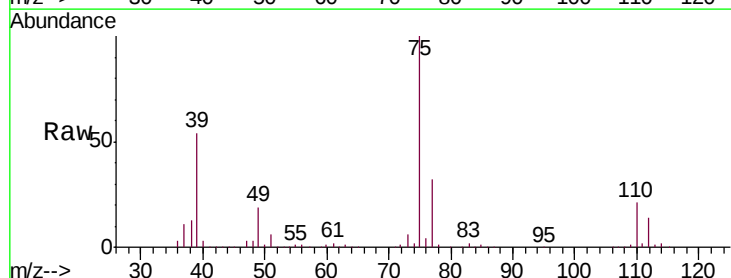
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

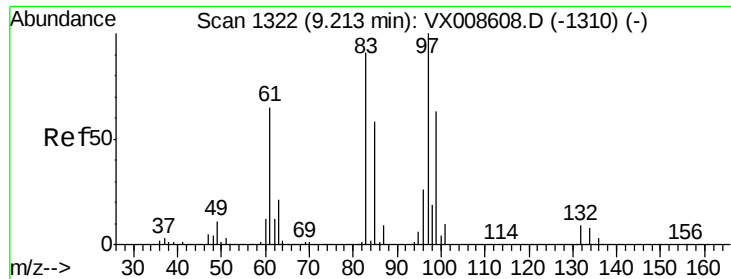
Tgt Ion: 75 Resp: 158680
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 46.399 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Tgt Ion: 75 Resp: 175559
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.3 37.9
 39 53.5 42.6 63.8

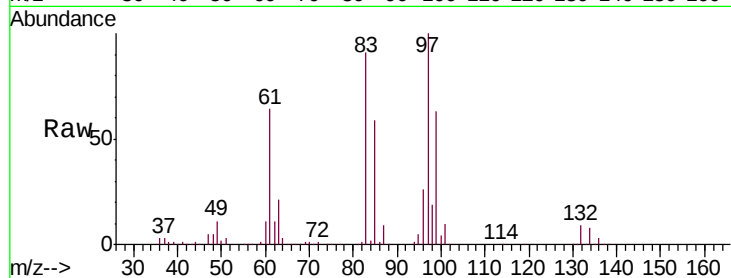




#55
 1,1,2-Trichloroethane
 Concen: 46.383 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	103956
Ion	Ratio	Lower	Upper
97	100		
83	90.9	73.2	109.8
85	59.0	46.6	69.8
99	62.8	50.1	75.1



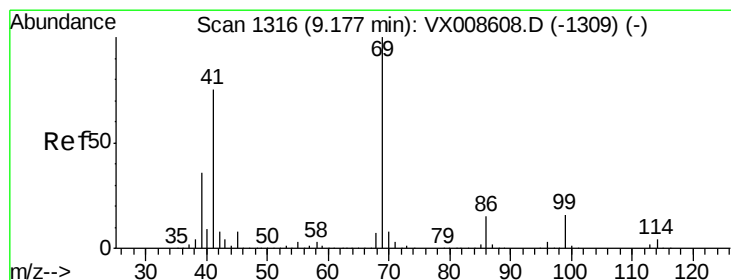
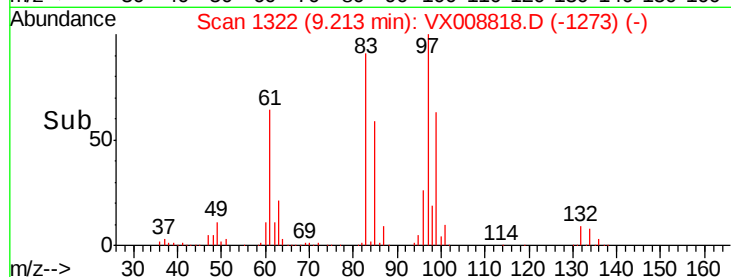
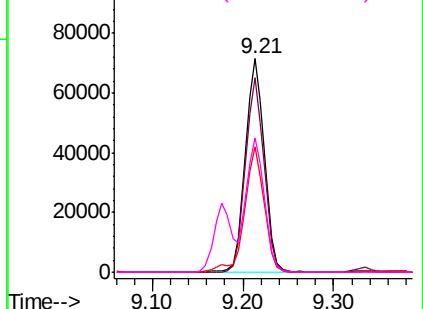
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

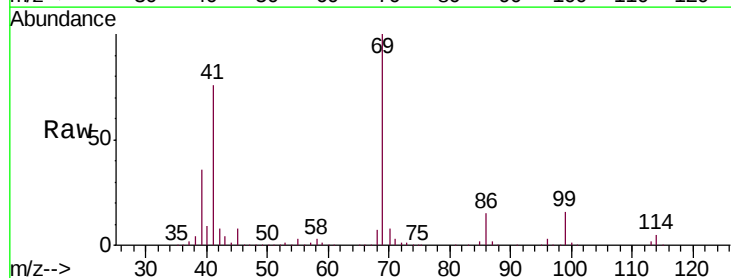
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 47.322 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Tgt Ion:	69	Resp:	191897
Ion	Ratio	Lower	Upper
69	100		
41	76.4	60.1	90.1
39	35.9	28.9	43.3

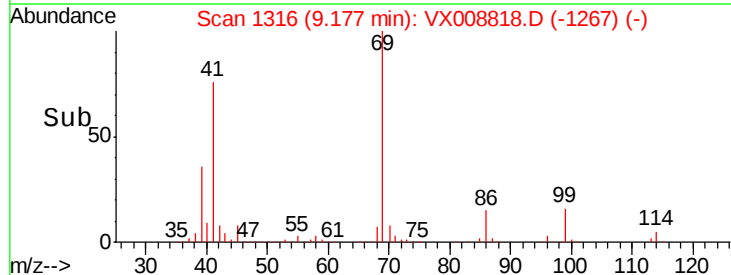
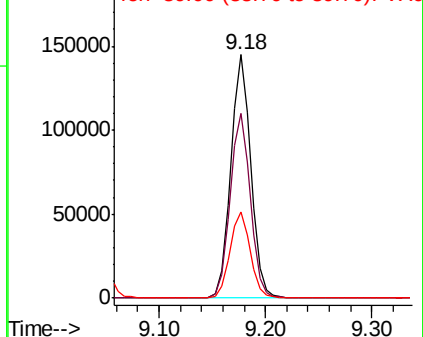


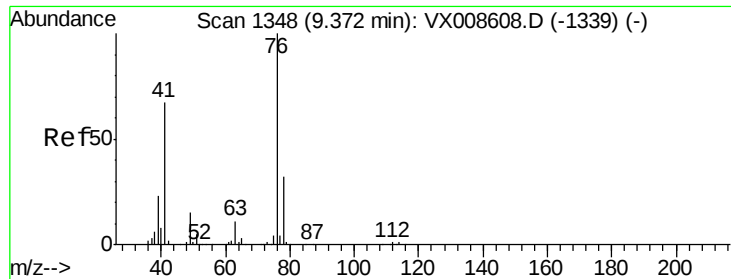
Abundance

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: 46.446 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

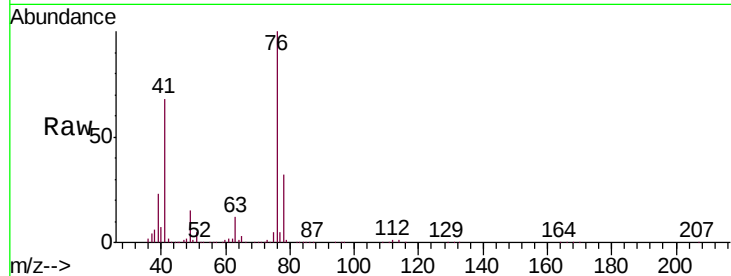
VSTDCCC050EC

Tgt Ion: 76 Resp: 186922

Ion Ratio Lower Upper

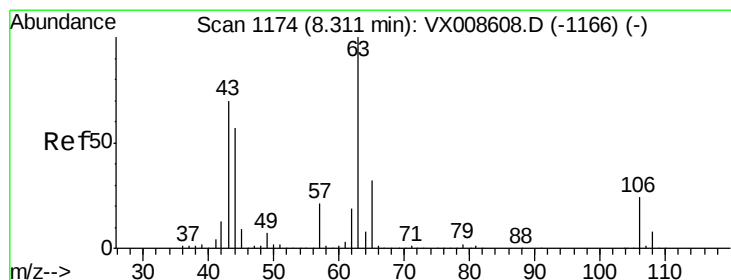
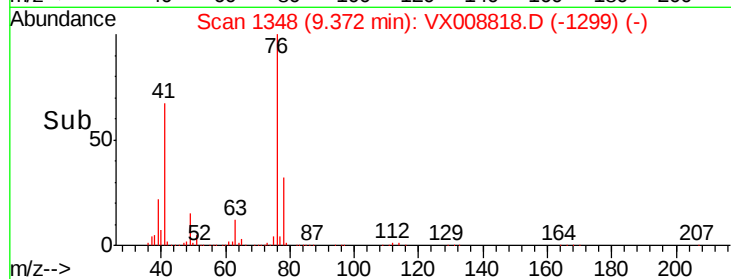
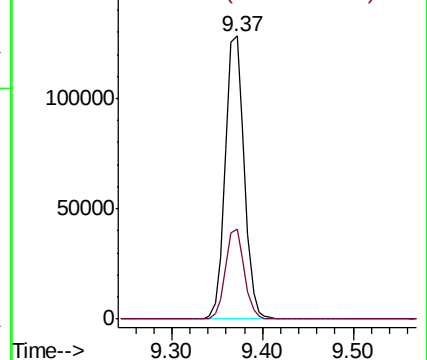
76 100

78 31.9 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: 238.341 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008818.D

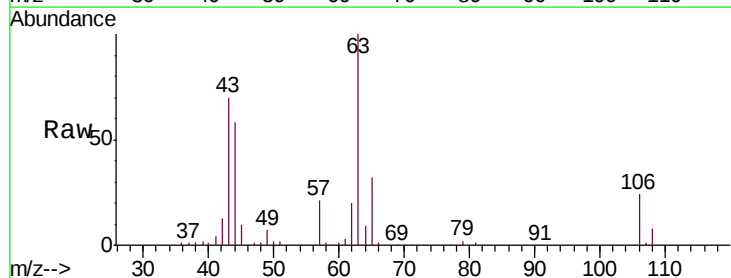
Acq: 10 Apr 2019 20:12

Tgt Ion: 63 Resp: 493520

Ion Ratio Lower Upper

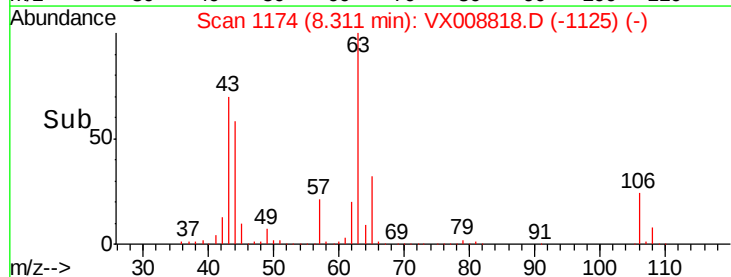
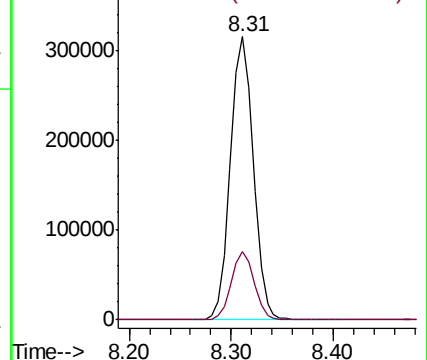
63 100

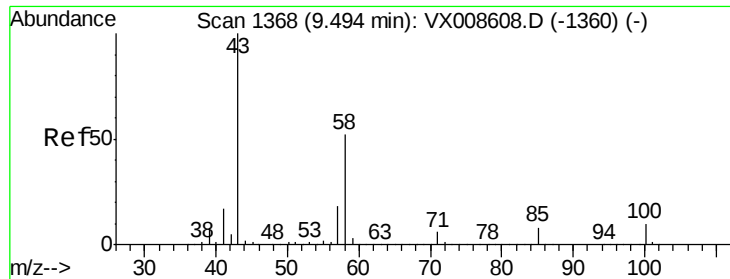
106 24.0 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

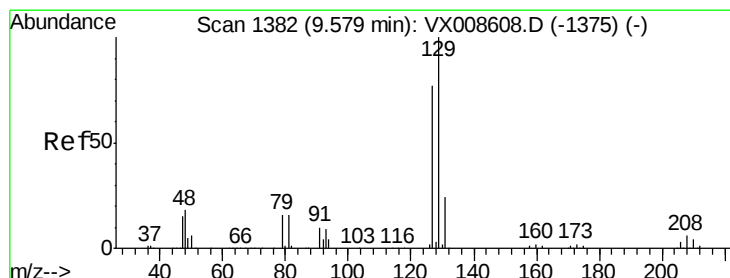
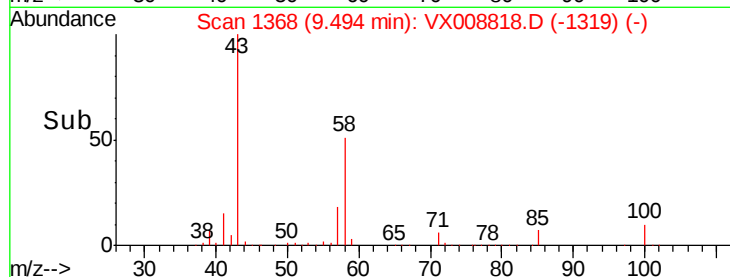
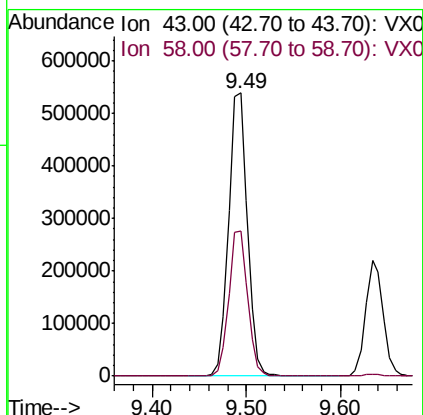
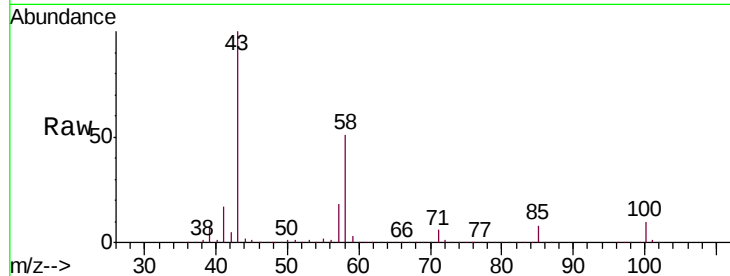




#59
2-Hexanone
Concen: 225.303 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

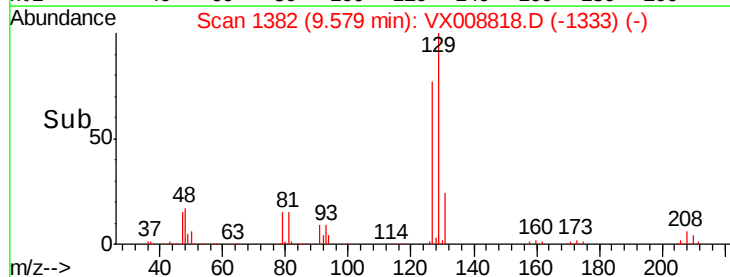
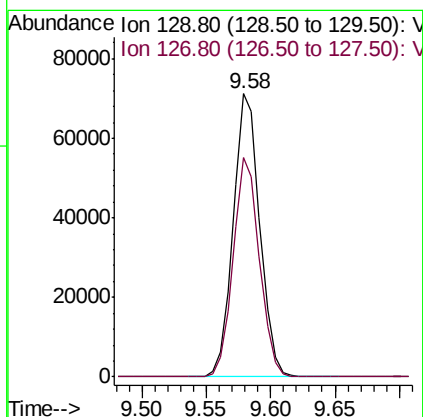
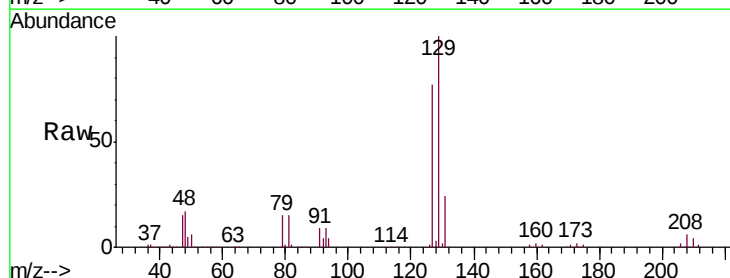
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

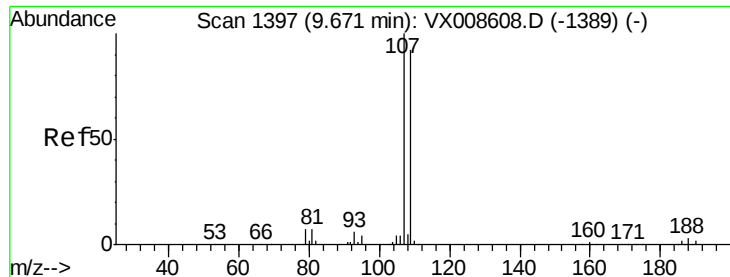
Tgt Ion: 43 Resp: 749239
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.7



#60
Dibromochloromethane
Concen: 48.380 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion: 129 Resp: 102178
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 45.438 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

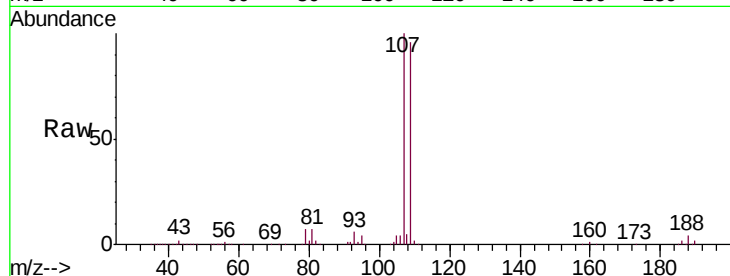
VSTDCCC050EC

Tgt Ion: 107 Resp: 106017

Ion Ratio Lower Upper

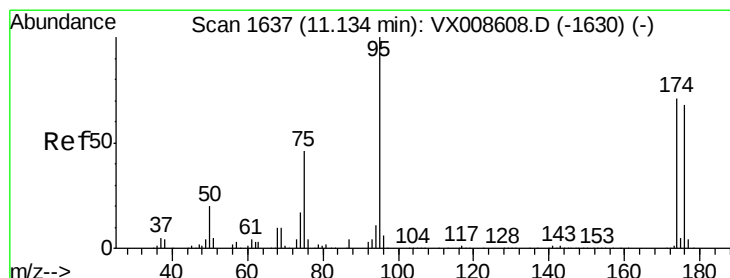
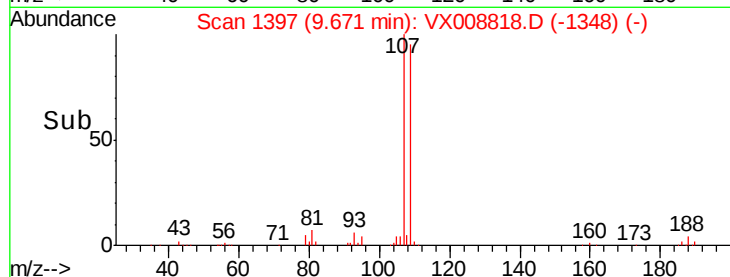
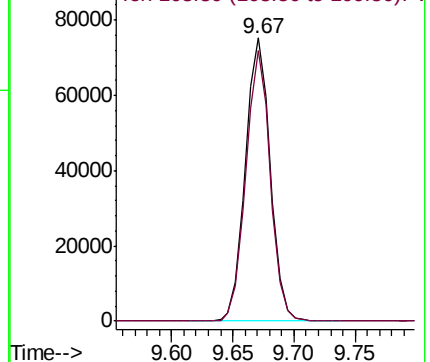
107 100

109 93.9 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: 47.350 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

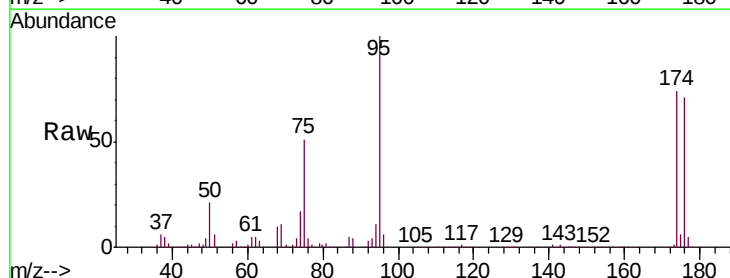
Tgt Ion: 95 Resp: 124317

Ion Ratio Lower Upper

95 100

174 79.5 0.0 151.8

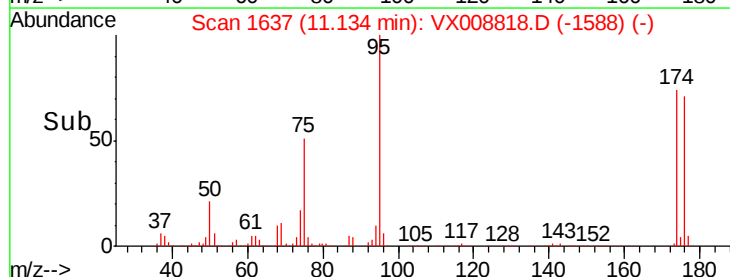
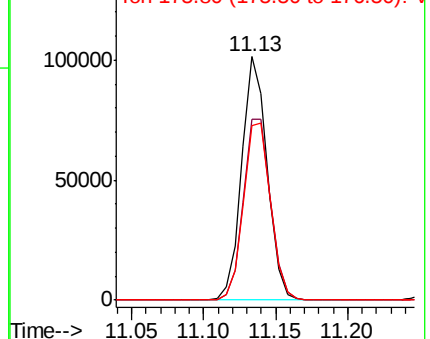
176 77.1 0.0 145.8

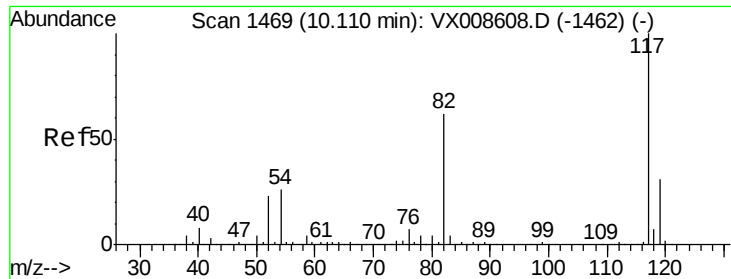


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

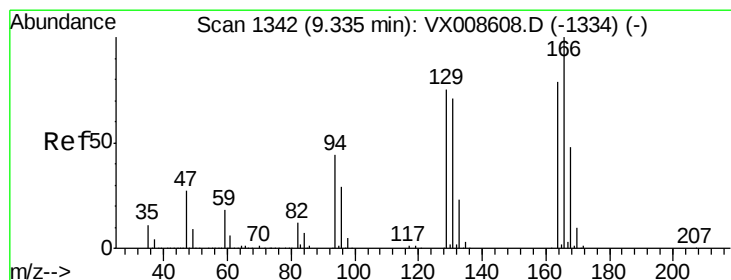
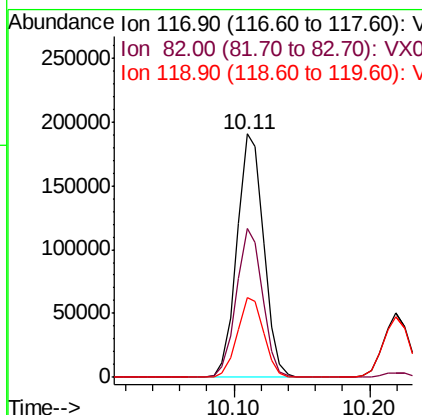
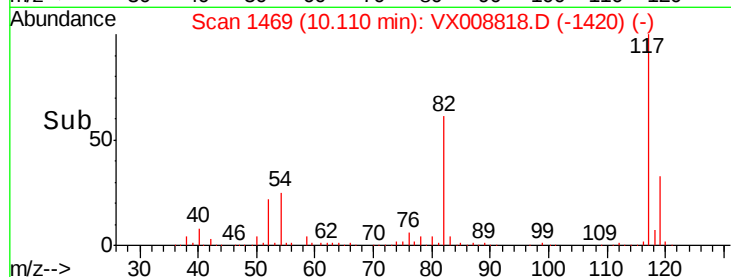
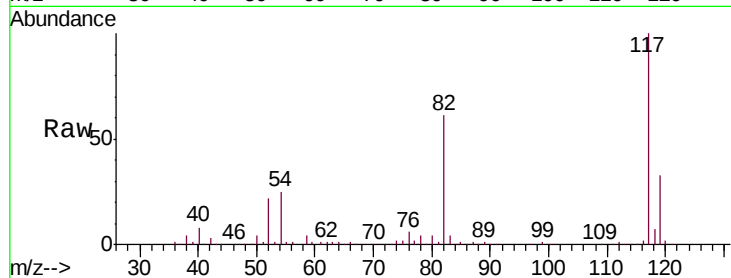




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

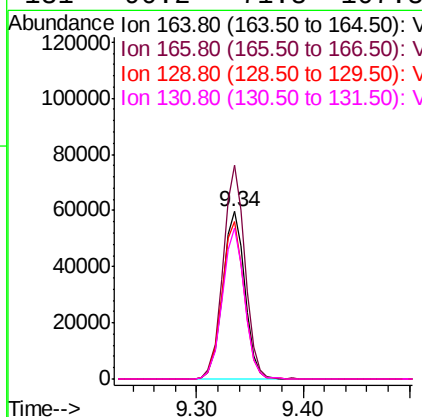
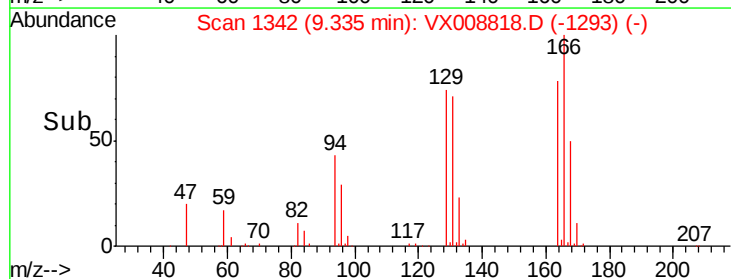
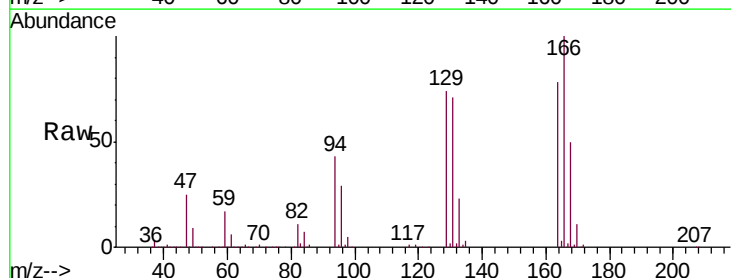
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

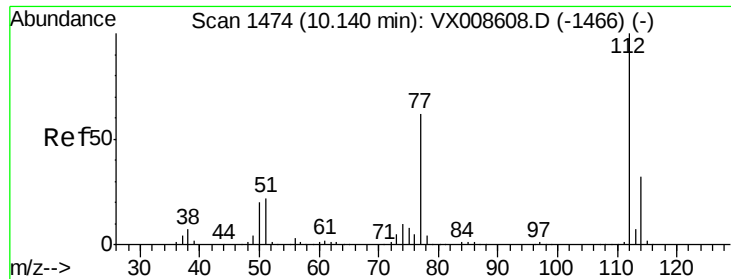
Tgt Ion:117 Resp: 259870
Ion Ratio Lower Upper
117 100
82 61.2 49.6 74.4
119 32.8 25.0 37.4



#64
Tetrachloroethene
Concen: 44.923 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion:164 Resp: 86493
Ion Ratio Lower Upper
164 100
166 127.5 101.0 151.6
129 94.1 75.8 113.8
131 90.2 71.8 107.8

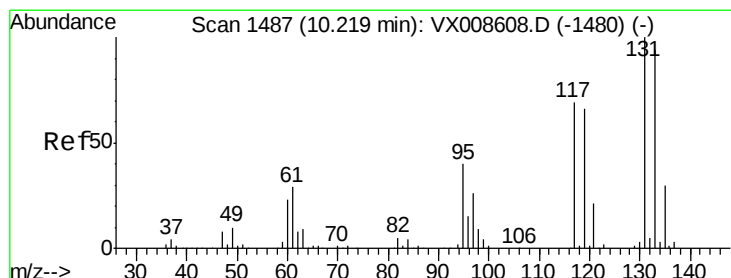
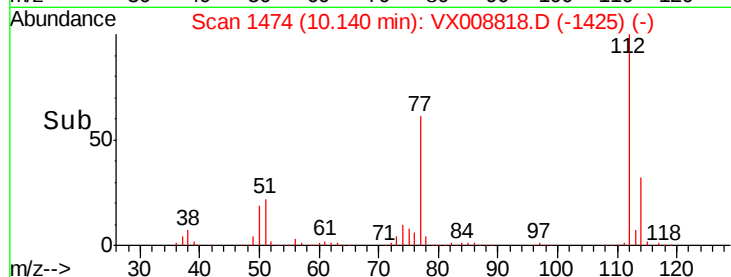
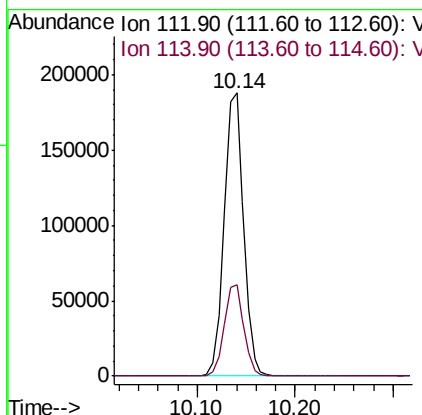
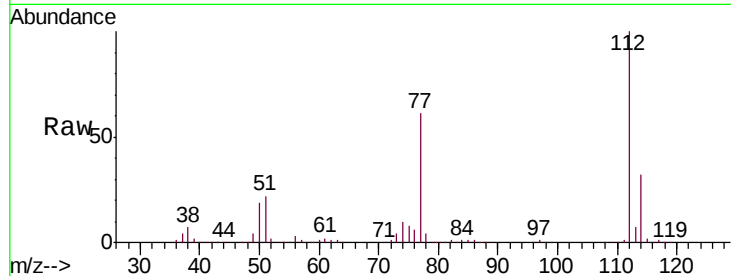




#65
Chlorobenzene
Concen: 44.895 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

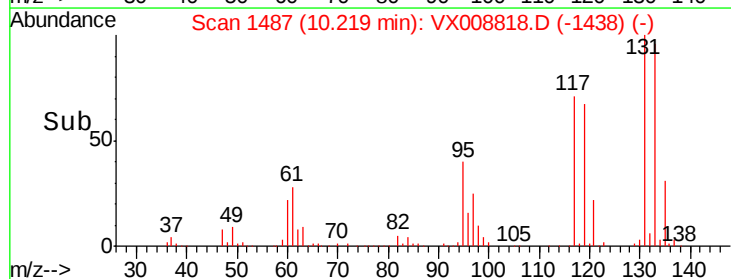
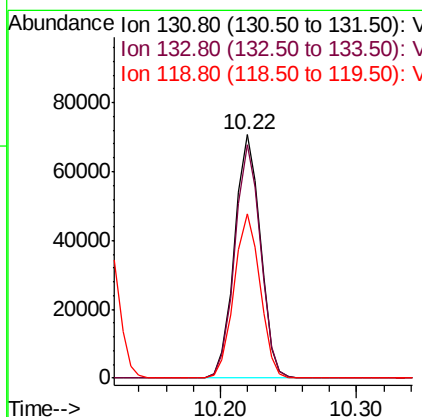
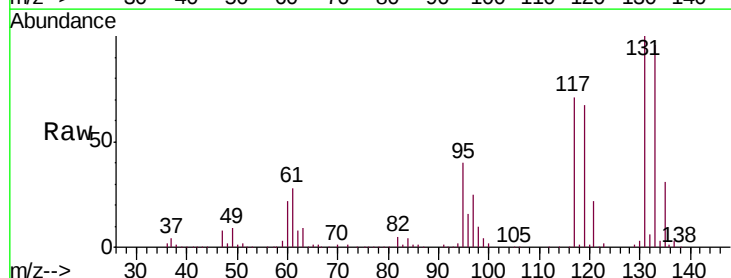
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

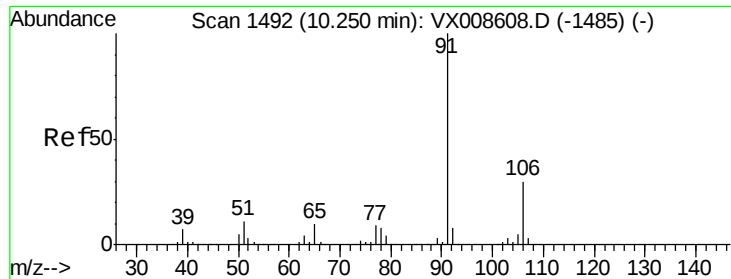
Tgt Ion:112 Resp: 258617
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 46.393 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion:131 Resp: 93755
Ion Ratio Lower Upper
131 100
133 95.8 47.0 141.2
119 67.9 33.7 101.0

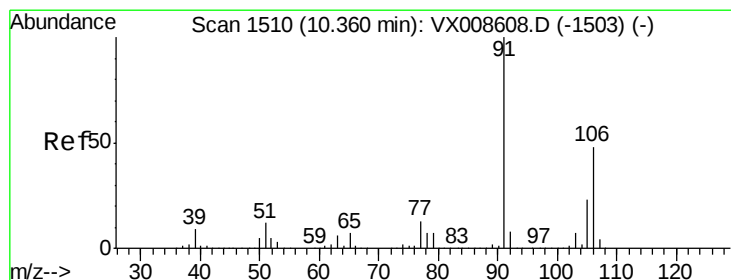
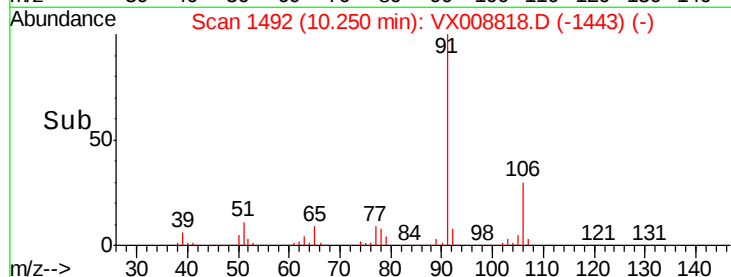
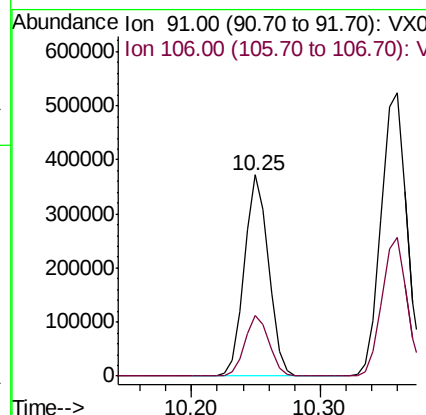
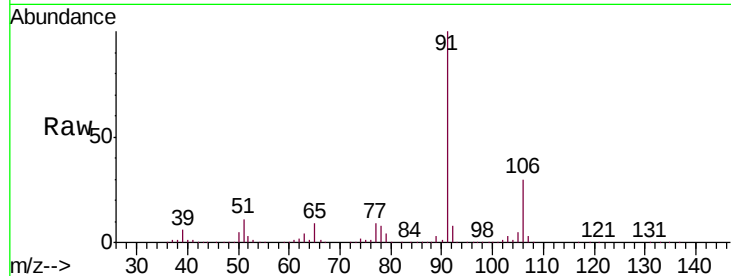




#67
Ethyl Benzene
Concen: 44.777 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

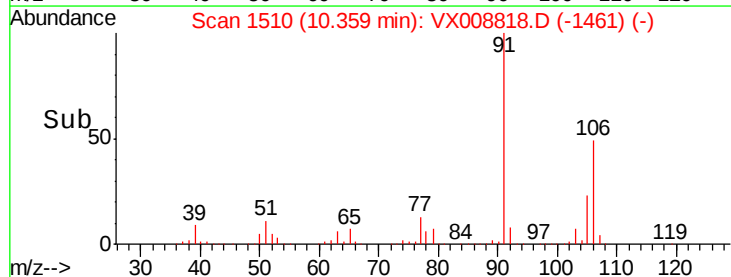
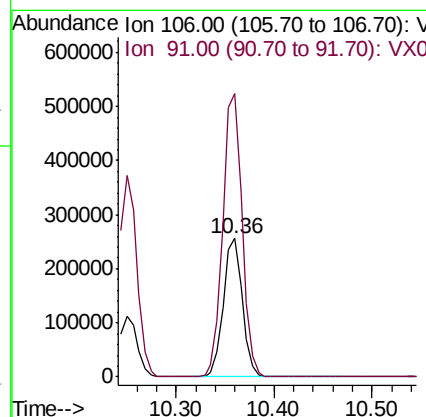
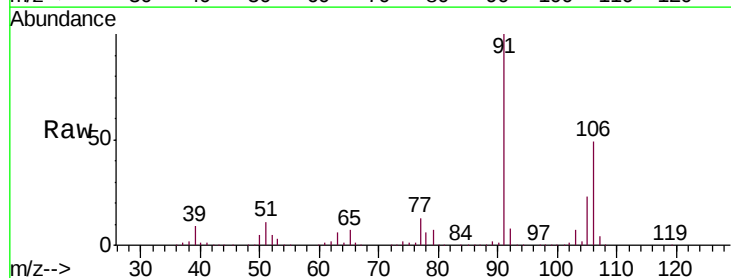
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

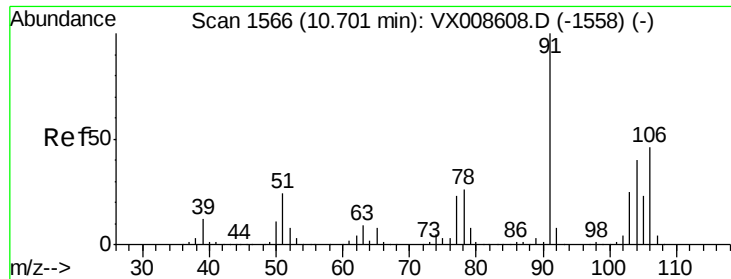
Tgt Ion: 91 Resp: 480967
Ion Ratio Lower Upper
91 100
106 30.1 23.7 35.5



#68
m/p-Xylenes
Concen: 89.281 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion: 106 Resp: 344816
Ion Ratio Lower Upper
106 100
91 208.6 168.5 252.7

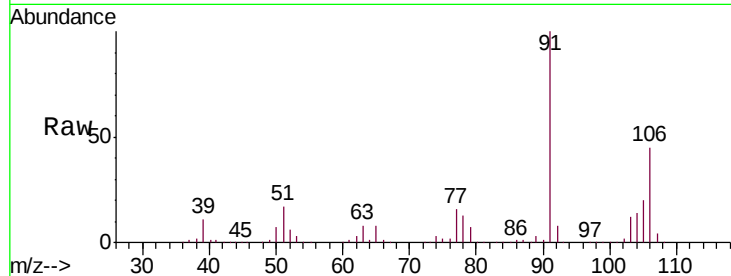




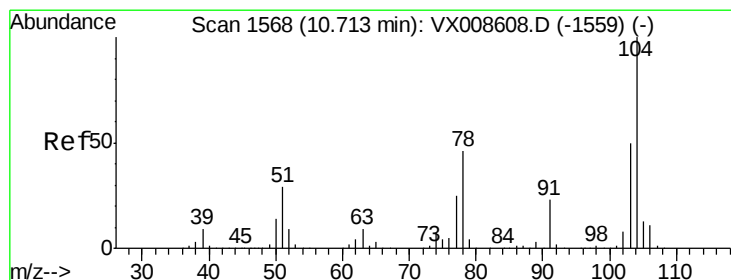
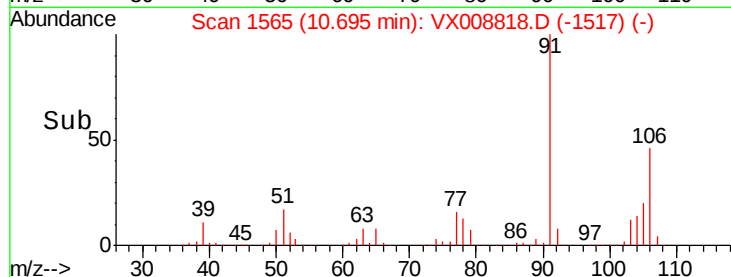
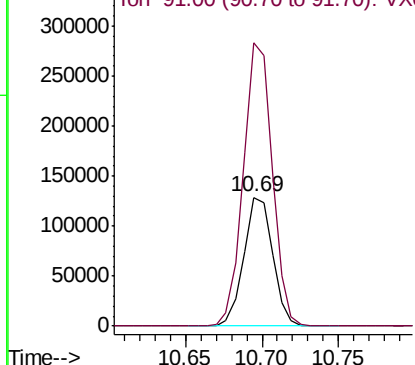
#69
o-Xylene
Concen: 45.165 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 169047
Ion Ratio Lower Upper
106 100
91 220.5 111.5 334.4

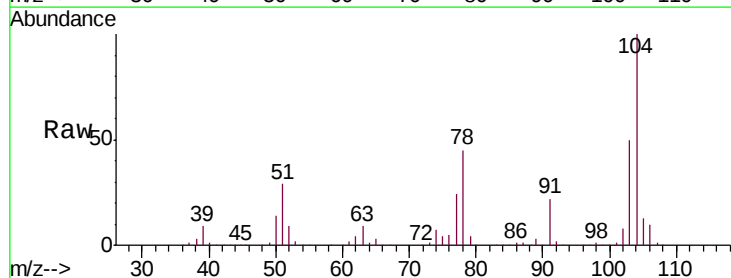


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

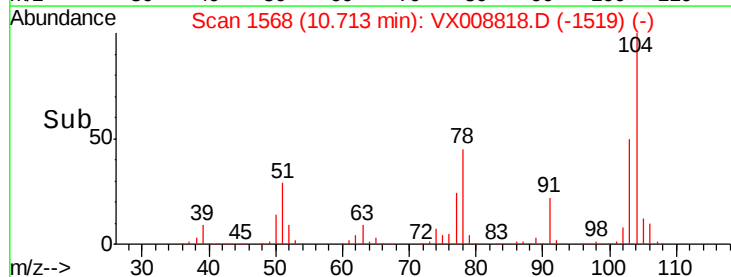
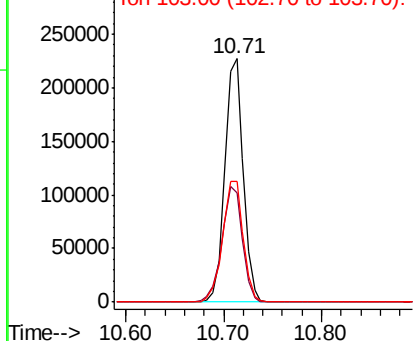


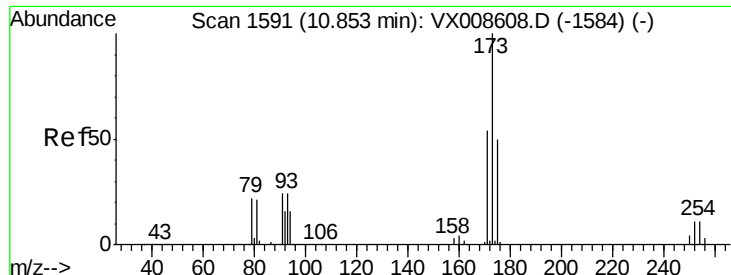
#70
Styrene
Concen: 45.891 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion:104 Resp: 296078
Ion Ratio Lower Upper
104 100
78 52.7 42.3 63.5
103 55.6 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: 47.617 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

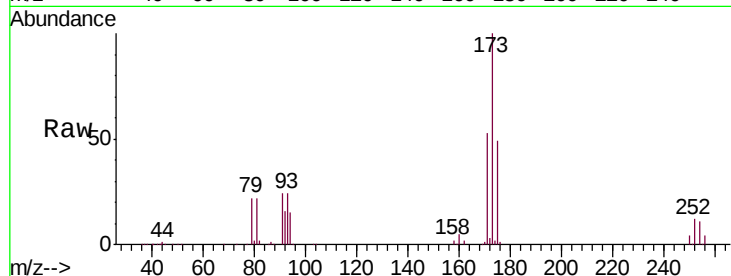
Tgt Ion:173 Resp: 73494

Ion Ratio Lower Upper

173 100

175 49.1 24.9 74.6

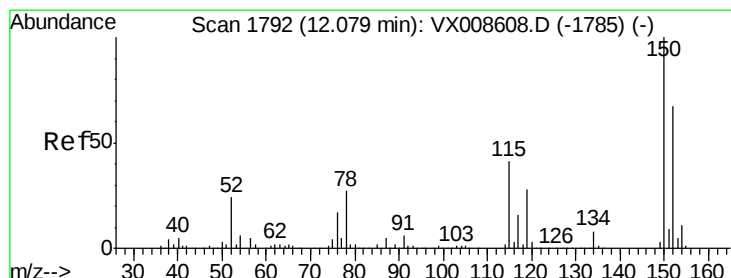
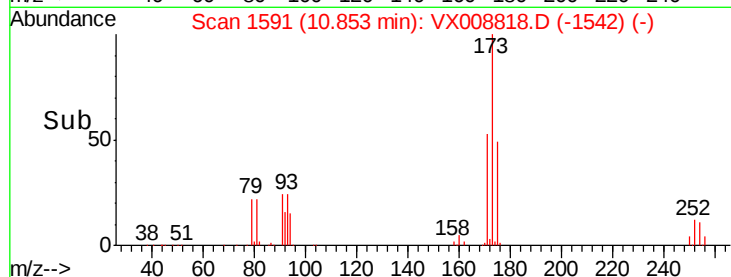
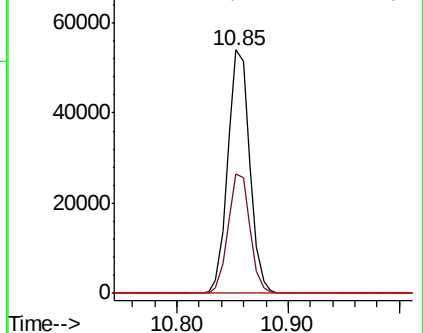
254 0.2 0.1 0.1#



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: VX008818.D

Acq: 10 Apr 2019 20:12

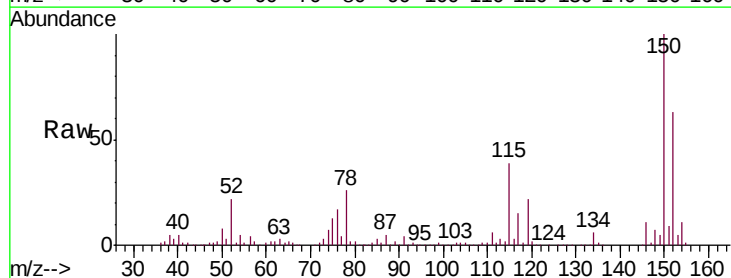
Tgt Ion:152 Resp: 118305

Ion Ratio Lower Upper

152 100

115 84.0 43.5 130.5

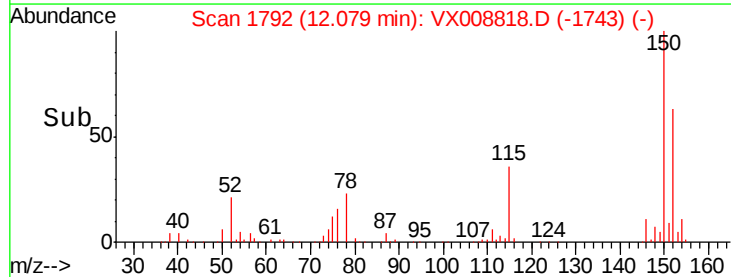
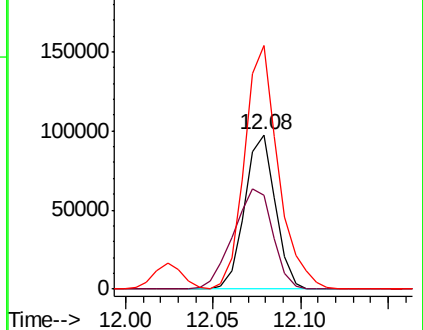
150 174.0 0.0 348.8

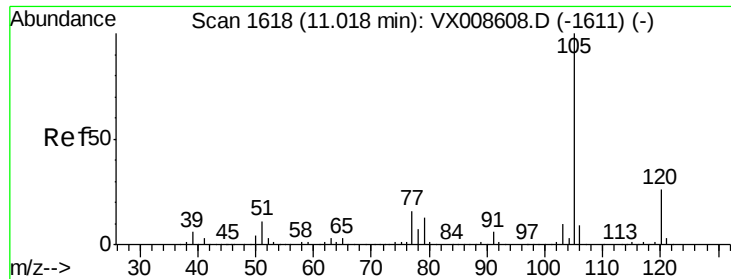


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.332 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

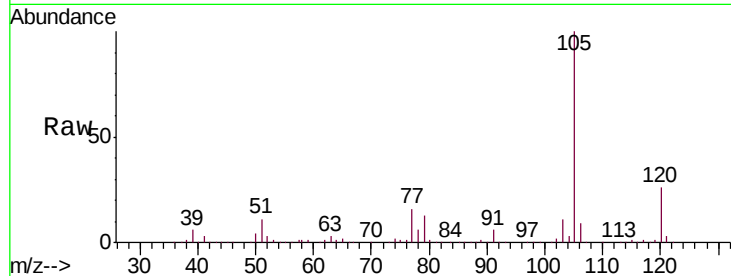
VSTDCCC050EC

Tgt Ion: 105 Resp: 454249

Ion Ratio Lower Upper

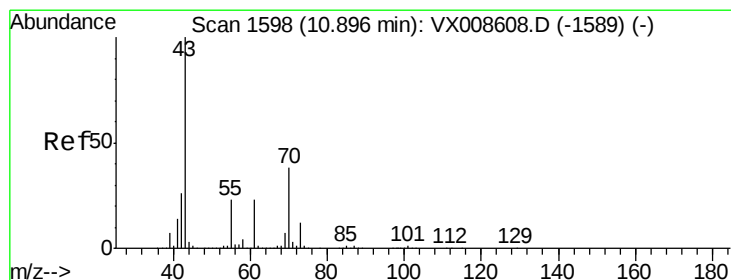
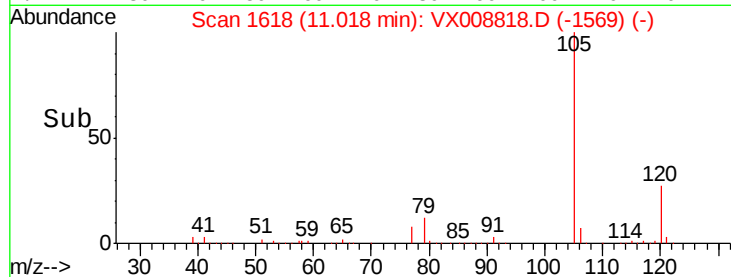
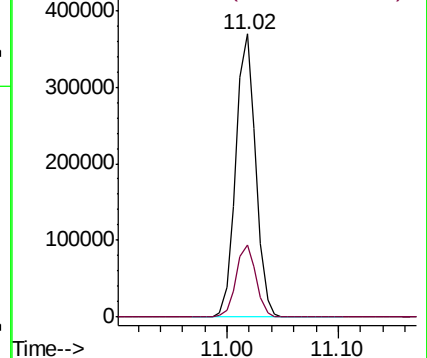
105 100

120 25.5 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.668 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Tgt Ion: 43 Resp: 263423

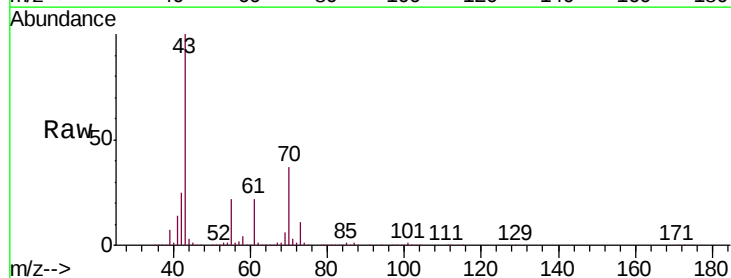
Ion Ratio Lower Upper

43 100

70 37.1 30.2 45.4

55 22.5 18.2 27.4

61 22.5 18.6 28.0

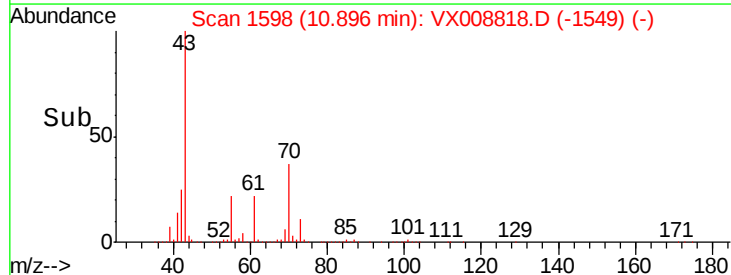
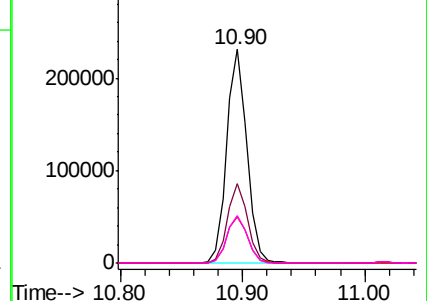


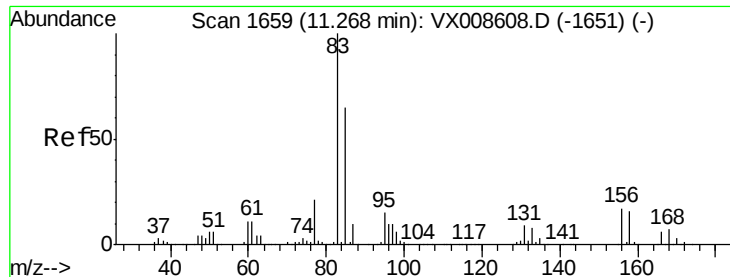
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 43.814 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

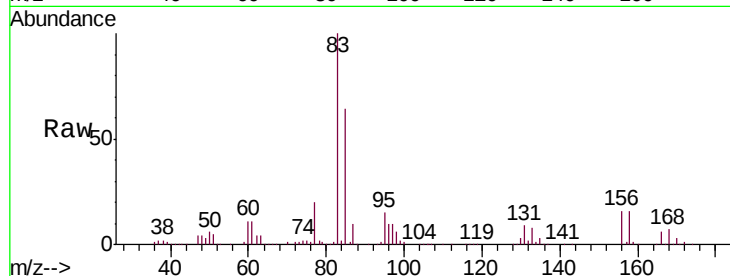
Tgt Ion: 83 Resp: 163370

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.7

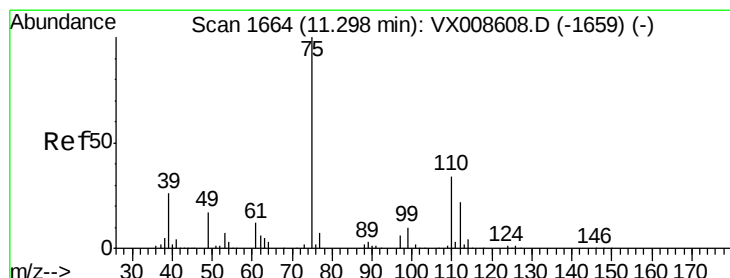
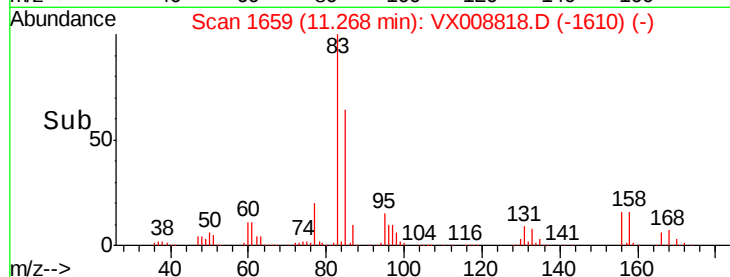
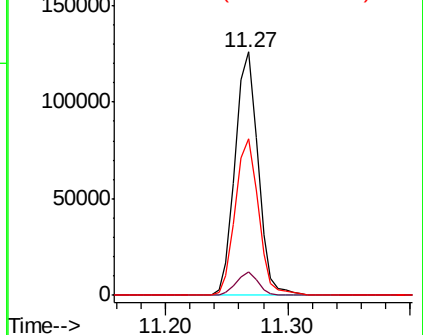
85 64.9 32.0 96.2



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: 59.672 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008818.D

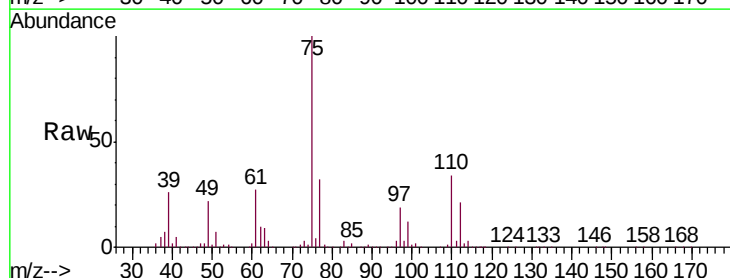
Acq: 10 Apr 2019 20:12

Tgt Ion: 75 Resp: 193931

Ion Ratio Lower Upper

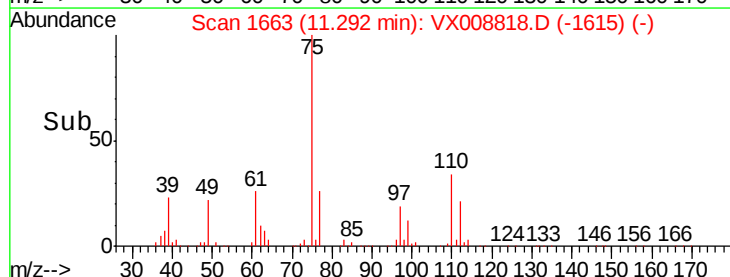
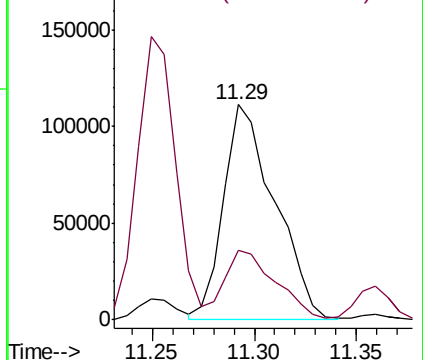
75 100

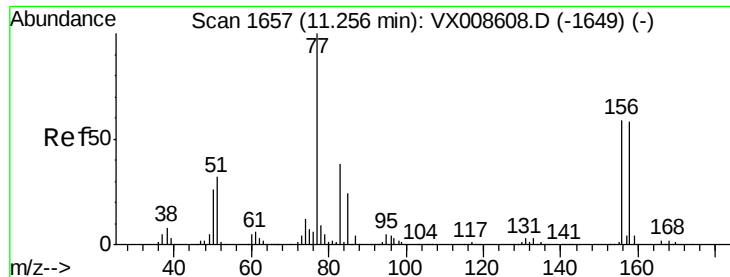
77 32.4 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.931 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

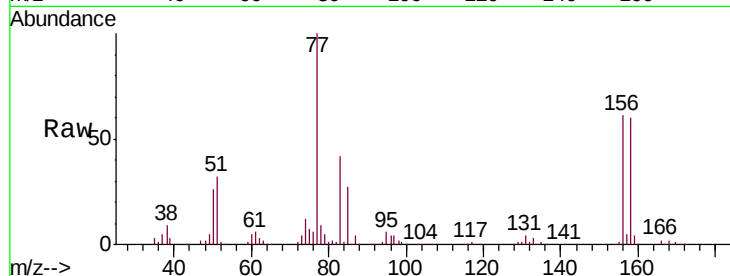
Tgt Ion:156 Resp: 108258

Ion Ratio Lower Upper

156 100

77 175.6 89.8 269.6

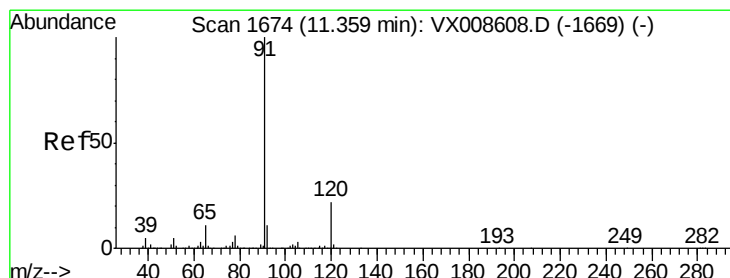
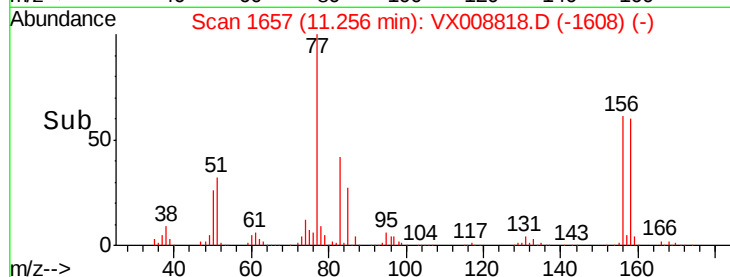
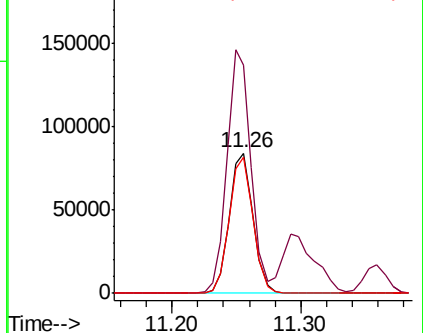
158 98.4 48.6 145.9



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: 45.644 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008818.D

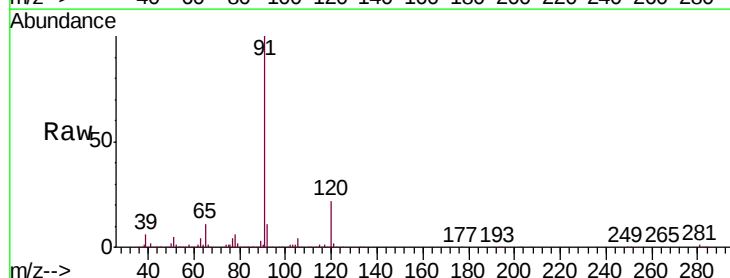
Acq: 10 Apr 2019 20:12

Tgt Ion: 91 Resp: 521063

Ion Ratio Lower Upper

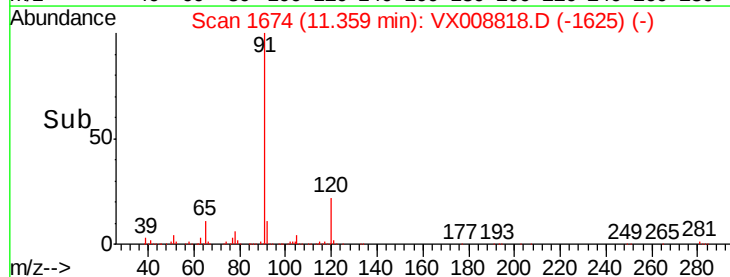
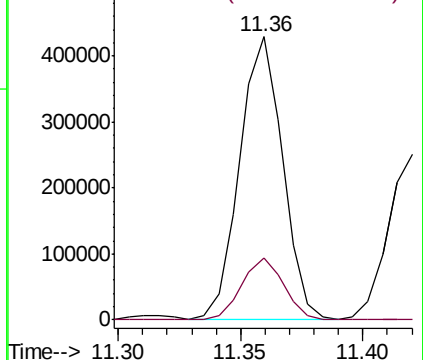
91 100

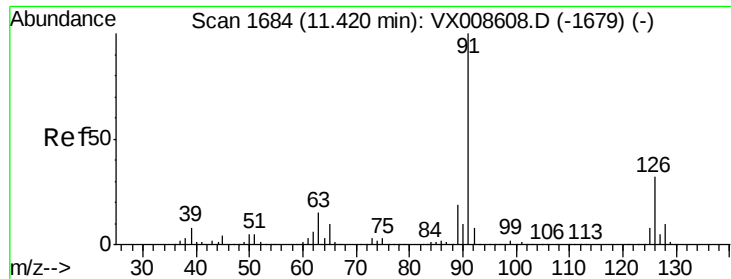
120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

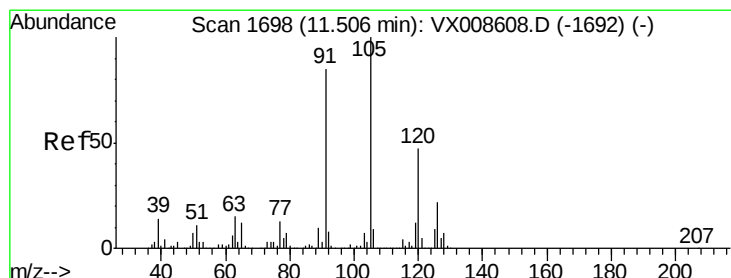
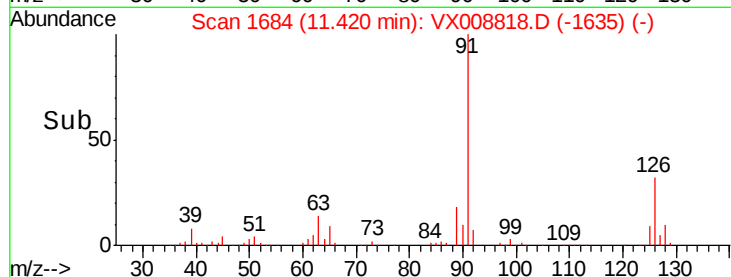
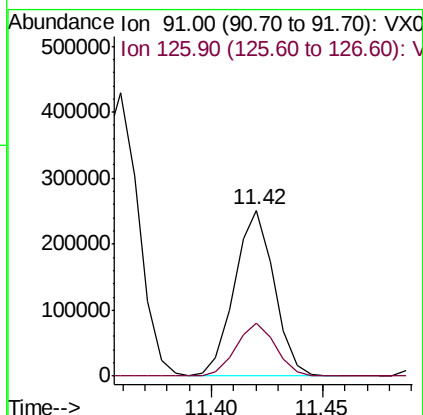
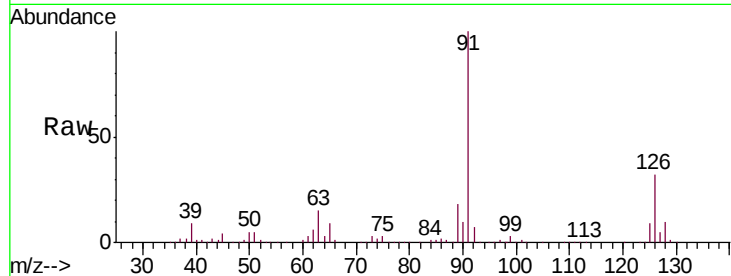




#79
 2-Chlorotoluene
 Concen: 44.810 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

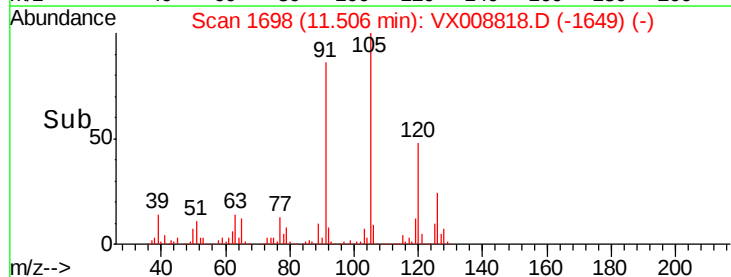
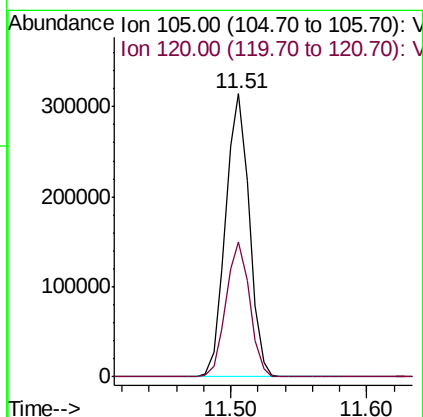
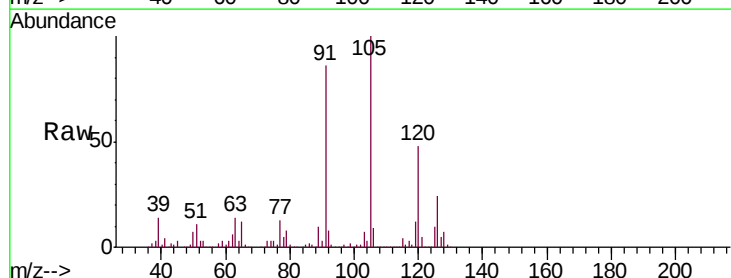
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

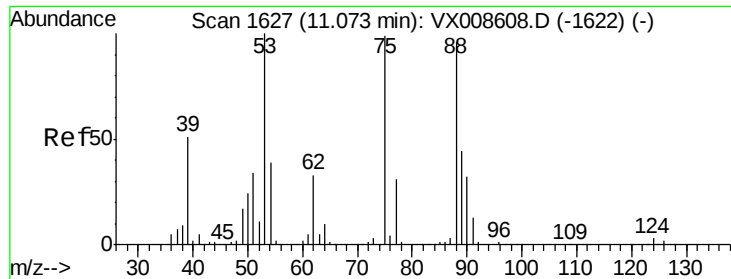
Tgt Ion: 91 Resp: 309563
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 46.111 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Tgt Ion: 105 Resp: 379489
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.5 70.6

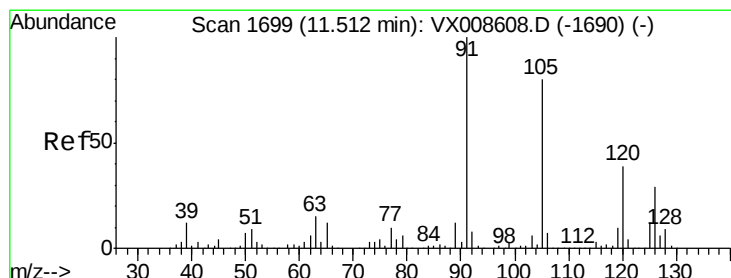
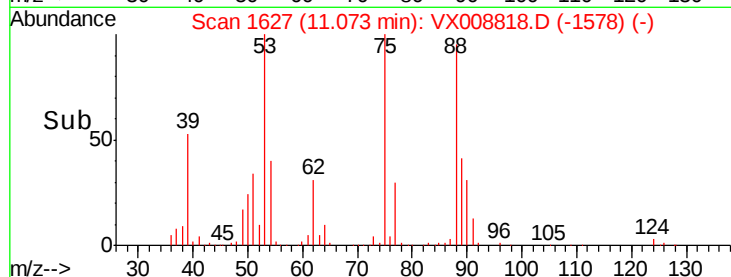
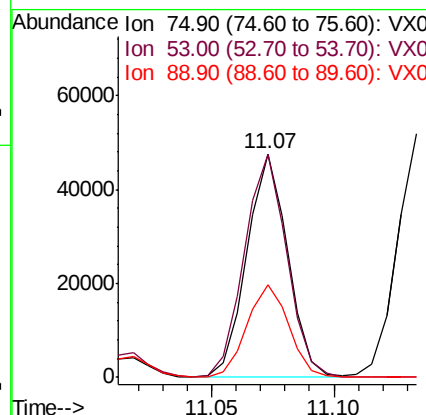
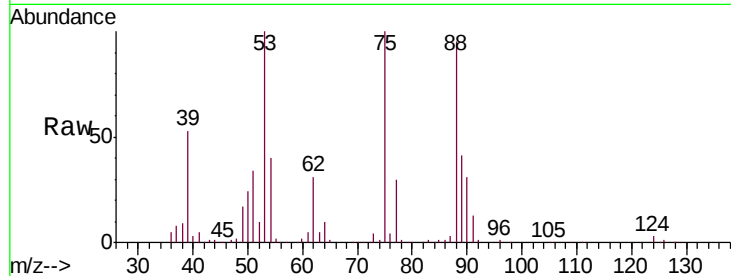




#81
trans-1,4-Dichloro-2-butene
Concen: 46.862 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

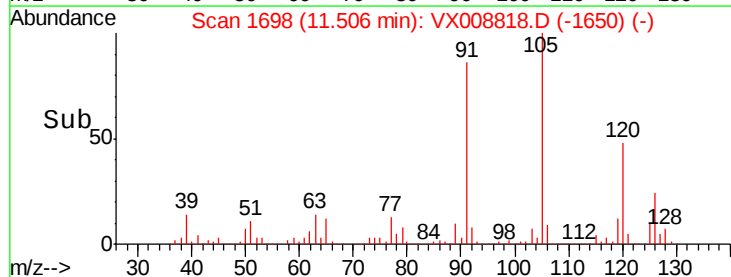
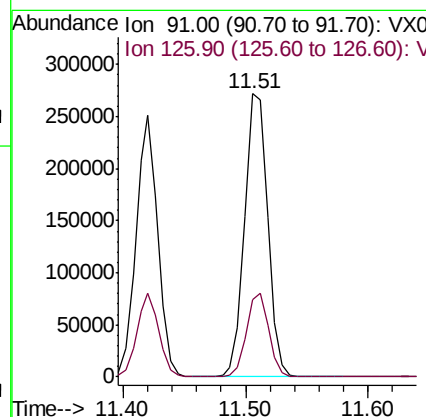
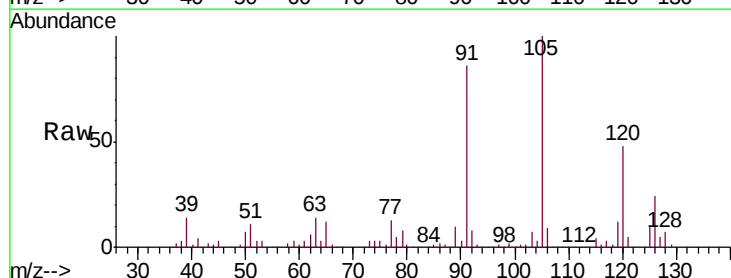
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

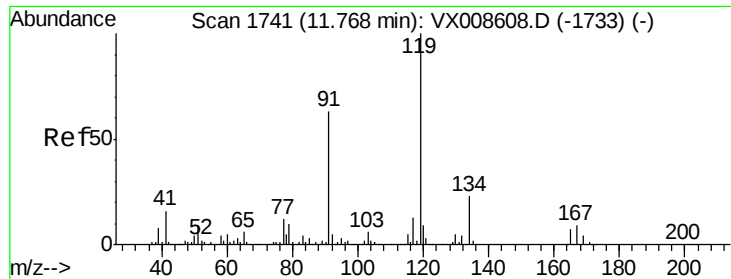
Tgt Ion: 75 Resp: 55250
Ion Ratio Lower Upper
75 100
53 103.8 81.3 121.9
89 42.7 35.6 53.4



#82
4-Chlorotoluene
Concen: 44.333 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion: 91 Resp: 354513
Ion Ratio Lower Upper
91 100
126 28.5 13.9 41.6

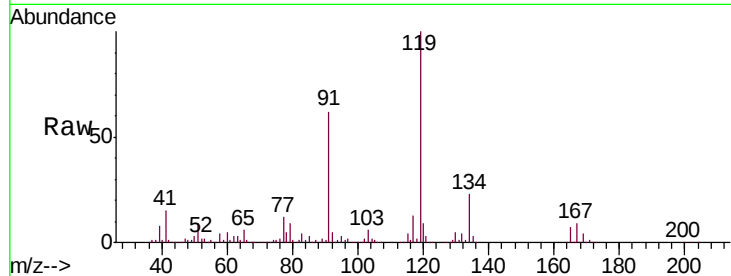




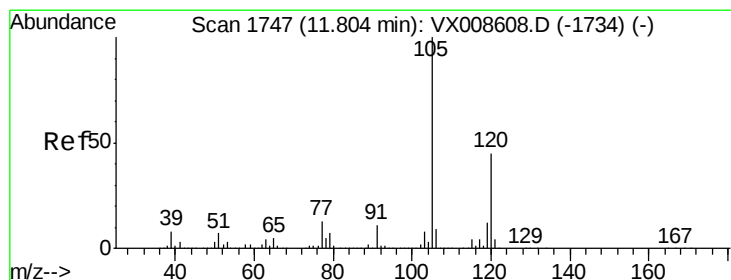
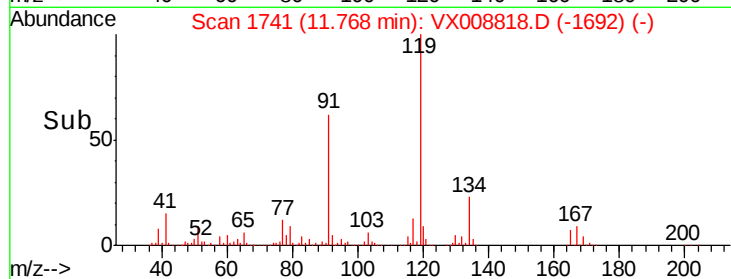
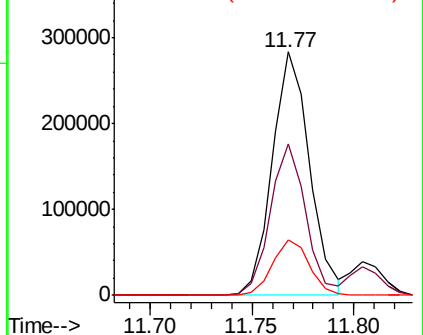
#83
 tert-Butylbenzene
 Concen: 45.665 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 361568
 Ion Ratio Lower Upper
 119 100
 91 59.3 30.0 90.1
 134 22.4 11.1 33.3

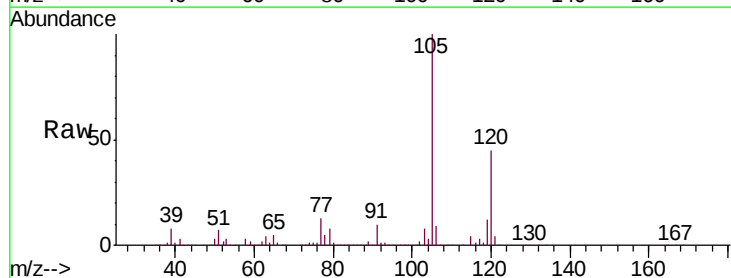


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

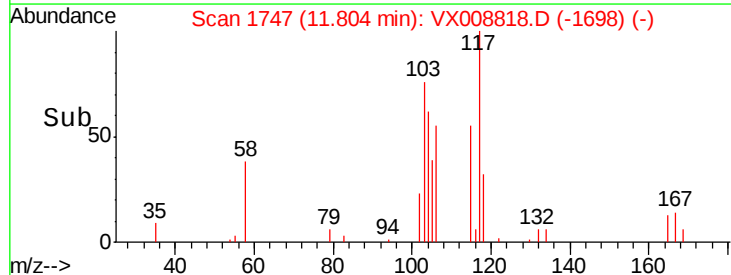
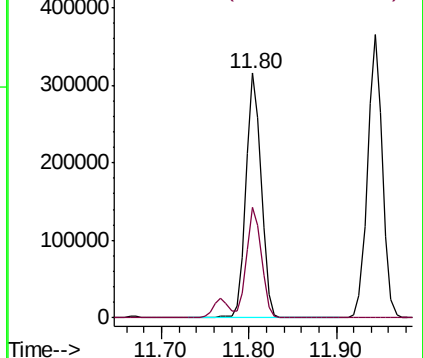


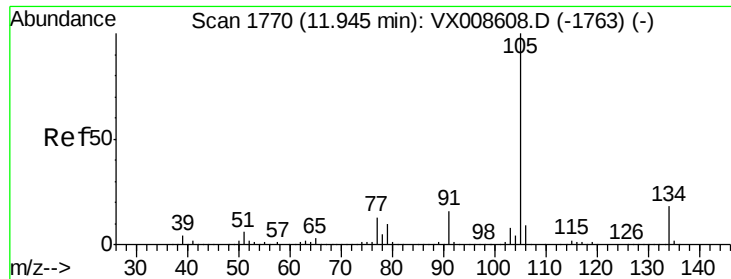
#84
 1,2,4-Trimethylbenzene
 Concen: 45.675 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Tgt Ion:105 Resp: 380619
 Ion Ratio Lower Upper
 105 100
 120 43.9 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

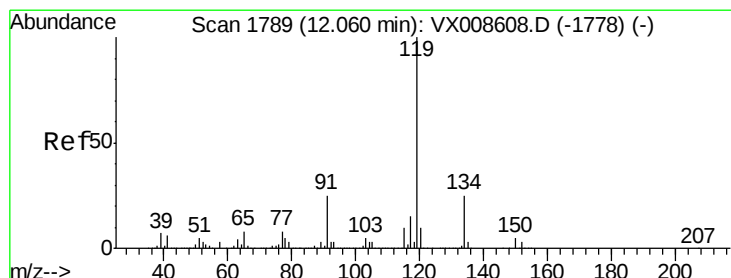
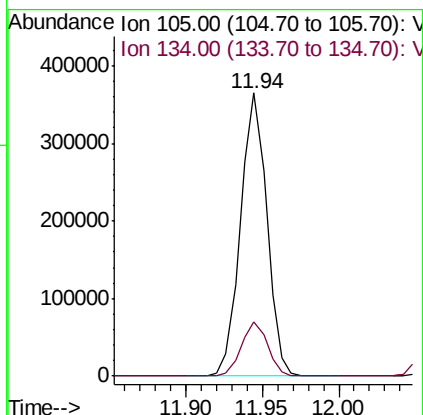
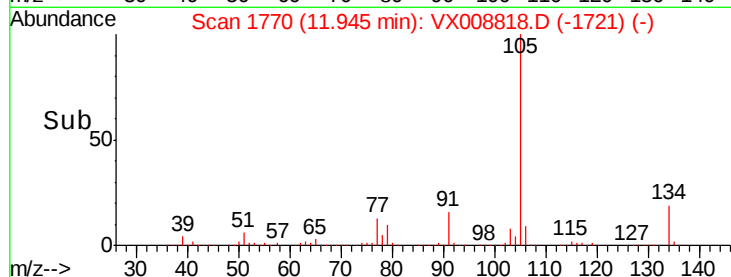
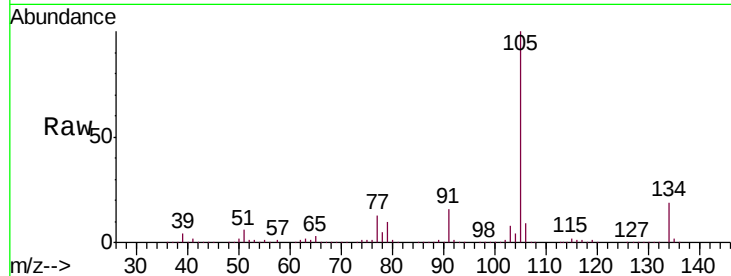




#85
 sec-Butylbenzene
 Concen: 46.224 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

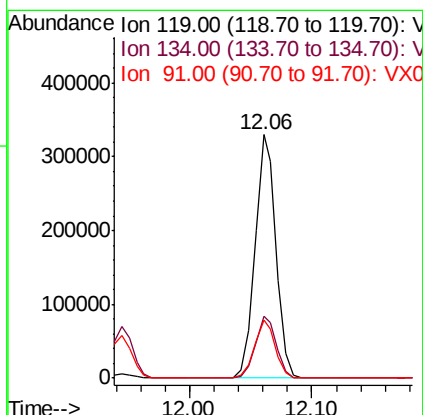
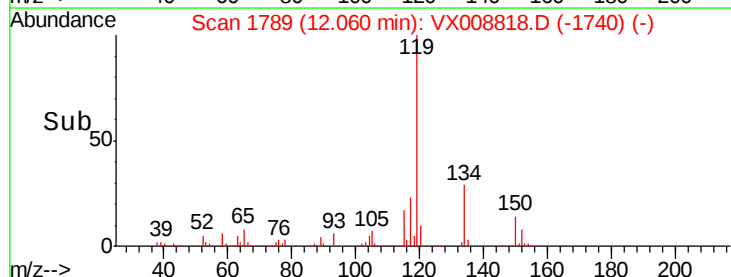
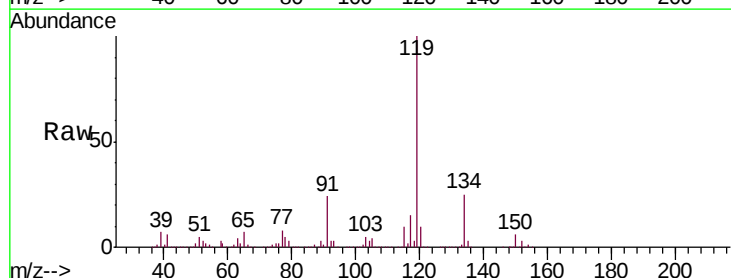
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

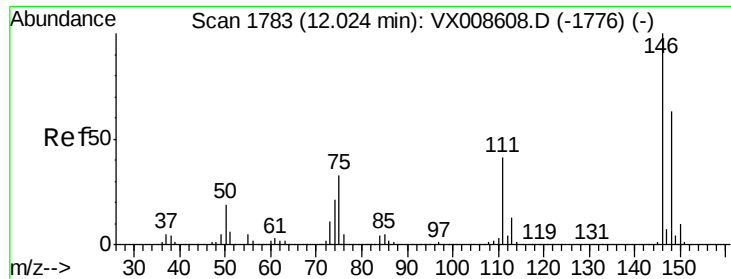
Tgt Ion:105 Resp: 434732
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 46.637 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Tgt Ion:119 Resp: 393676
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 23.9 12.2 36.6

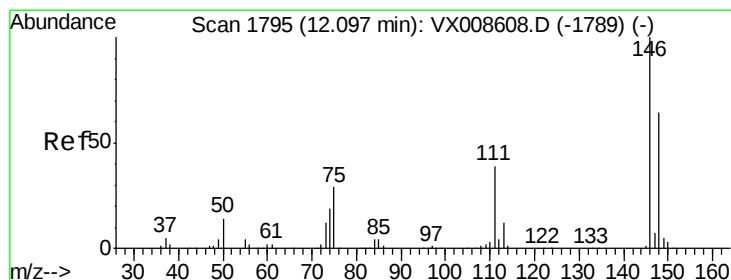
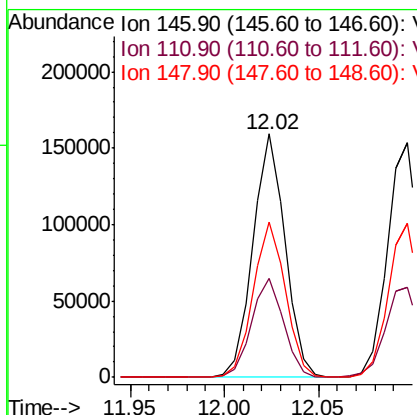
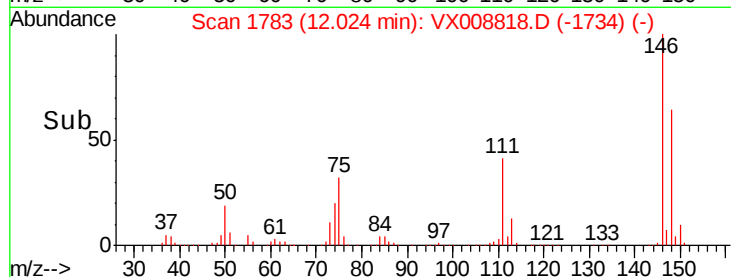
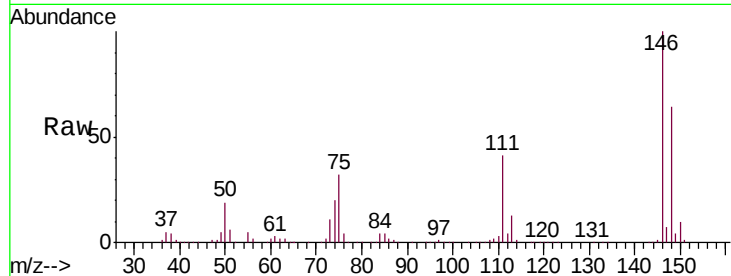




#87
 1,3-Dichlorobenzene
 Concen: 44.644 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

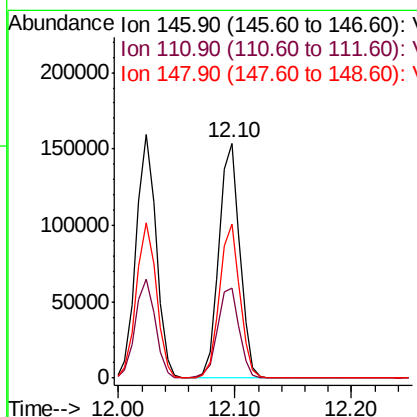
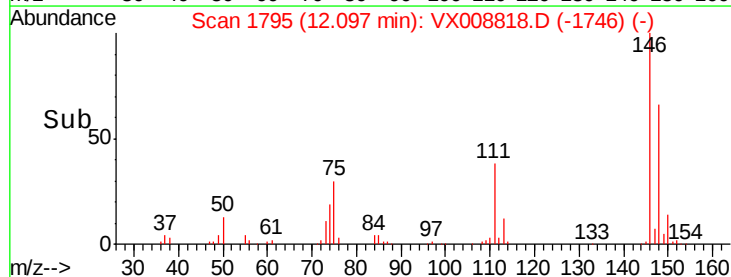
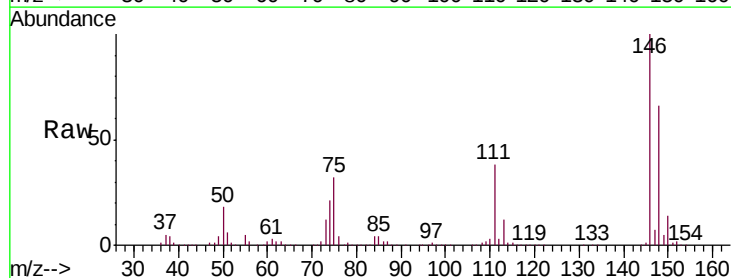
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

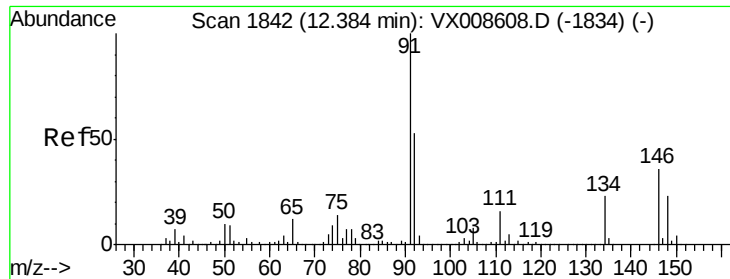
Tgt Ion:146 Resp: 188376
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.5 61.5
 148 64.1 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 44.136 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Tgt Ion:146 Resp: 188581
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.2 60.6
 148 64.2 32.0 96.0

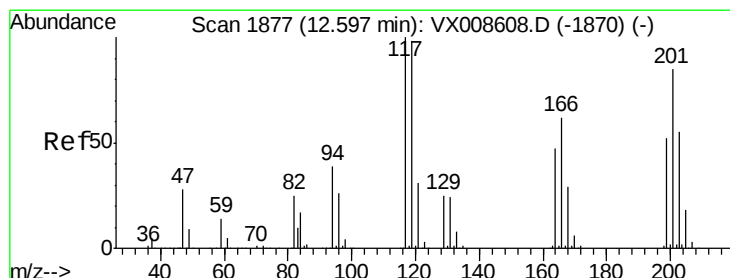
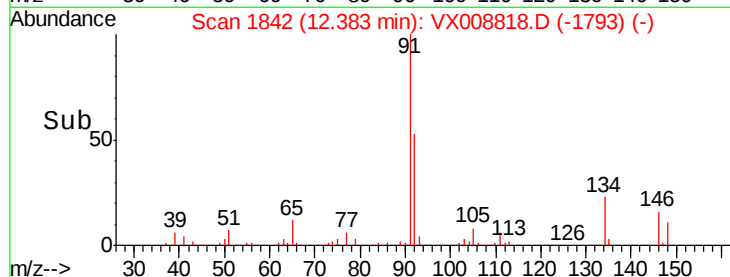
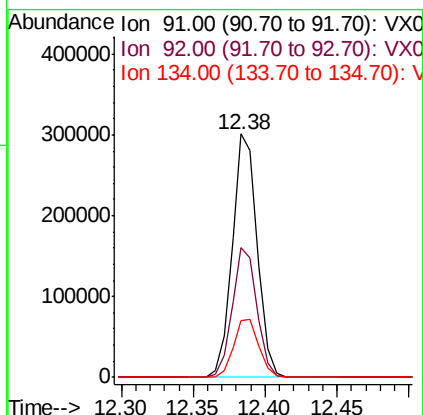
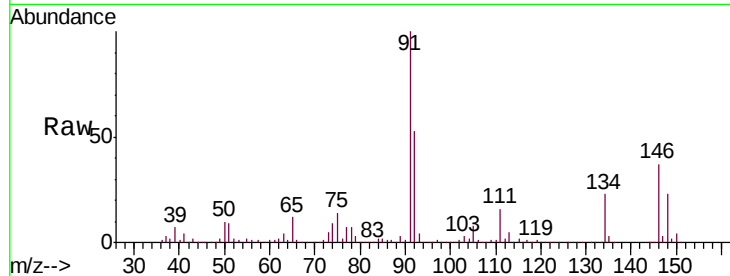




#89
n-Butylbenzene
Concen: 46.007 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

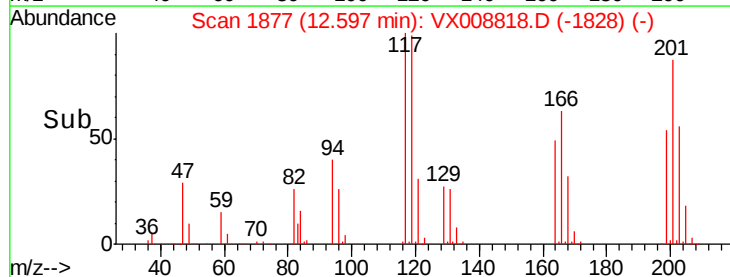
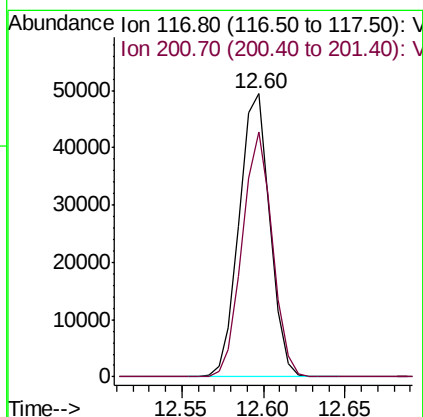
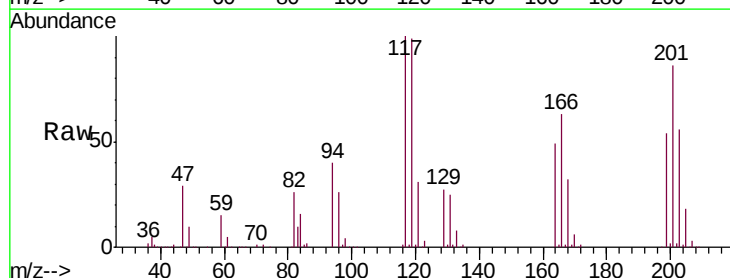
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 364205
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.2
134 24.4 12.0 36.0



#90
Hexachloroethane
Concen: 46.550 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion: 117 Resp: 65174
Ion Ratio Lower Upper
117 100
201 84.2 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 44.945 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

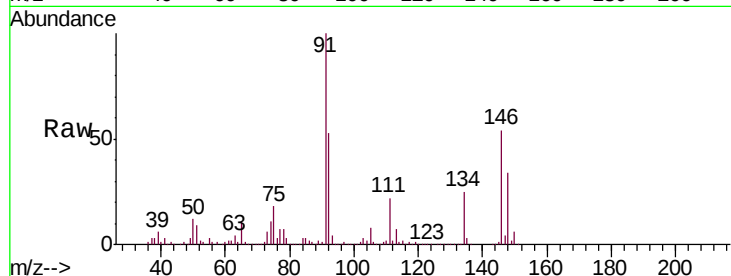
Tgt Ion:146 Resp: 188293

Ion Ratio Lower Upper

146 100

111 41.3 21.3 63.9

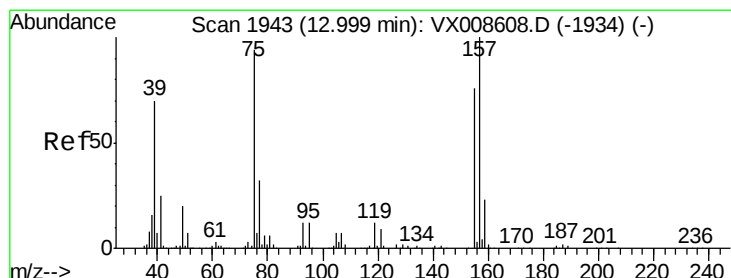
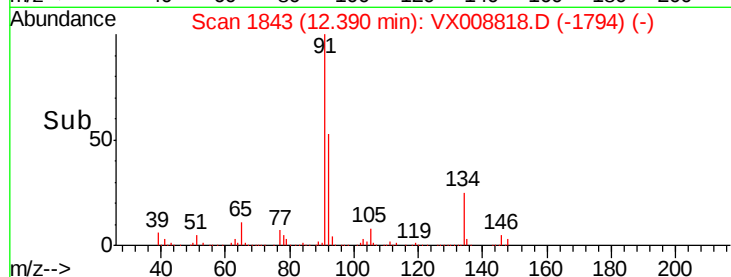
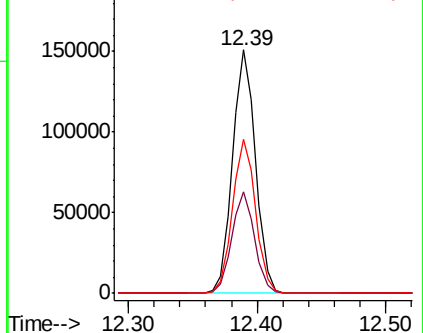
148 63.6 31.7 95.1



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: 43.721 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008818.D

Acq: 10 Apr 2019 20:12

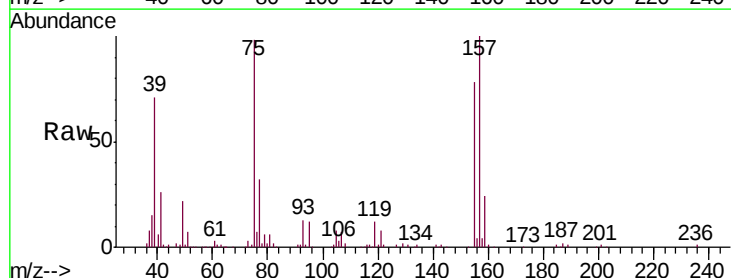
Tgt Ion: 75 Resp: 35862

Ion Ratio Lower Upper

75 100

155 80.1 39.9 119.6

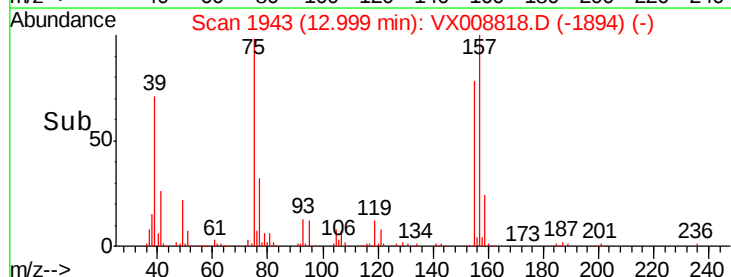
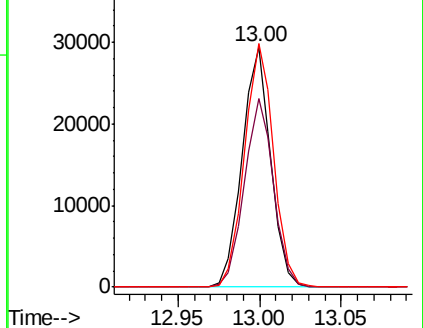
157 103.1 51.5 154.7



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

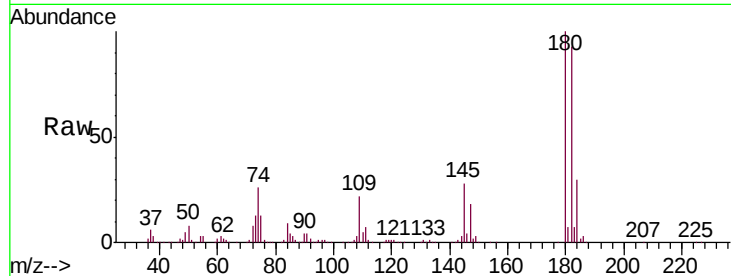




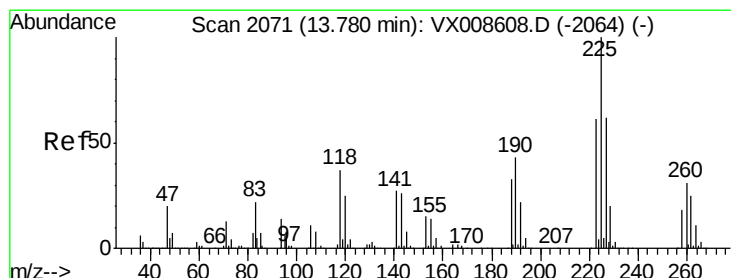
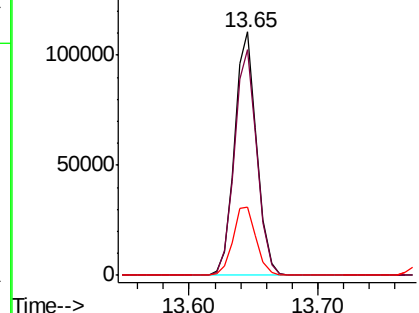
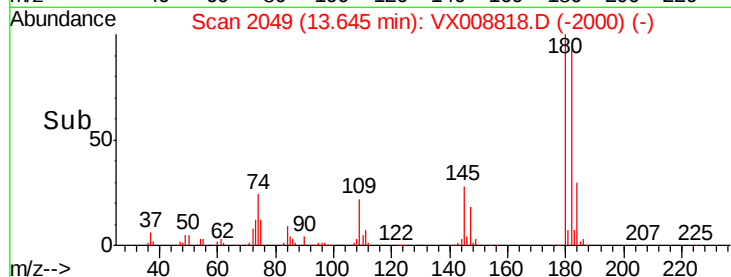
#93
 1,2,4-Trichlorobenzene
 Concen: 45.622 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 132892
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.2 141.6
 145 29.5 15.3 45.9

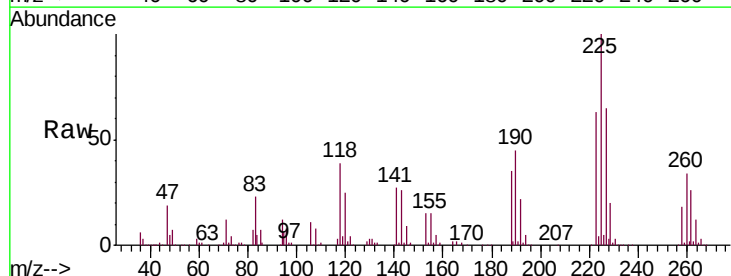


Abundance Ion 179.80 (179.50 to 180.50): V
 150000 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

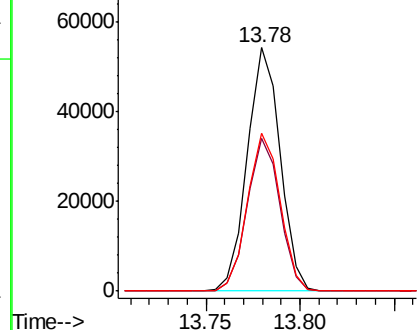
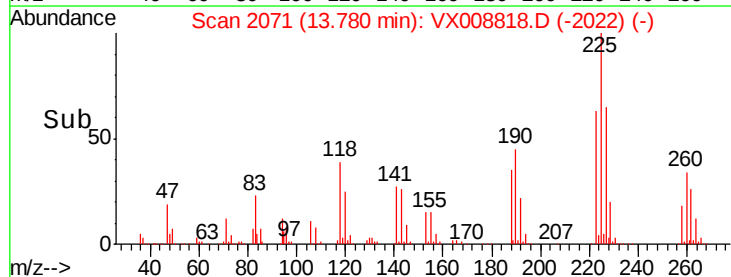


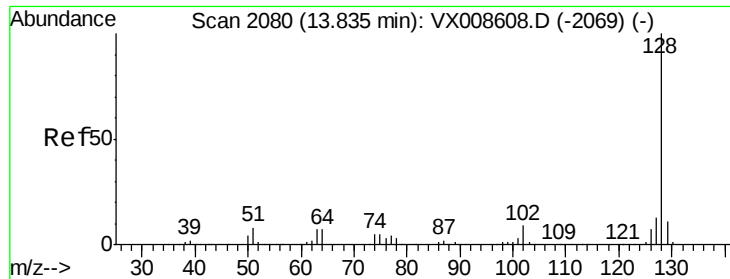
#94
 Hexachlorobutadiene
 Concen: 47.073 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008818.D
 Acq: 10 Apr 2019 20:12

Tgt Ion:225 Resp: 65760
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.2 93.6
 227 64.6 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 60000 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

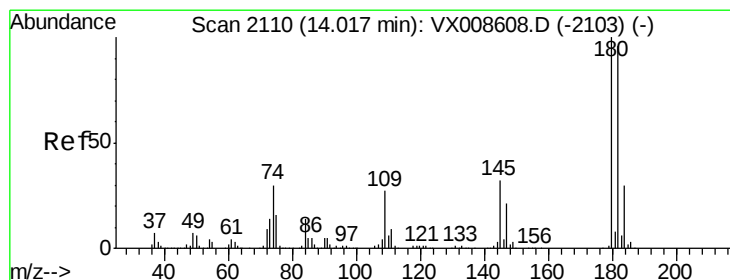
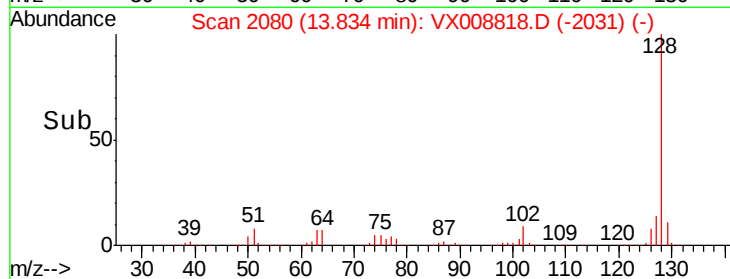
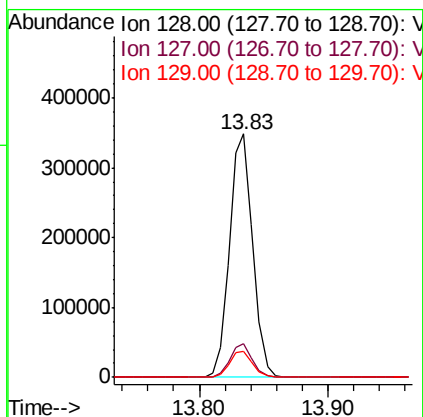
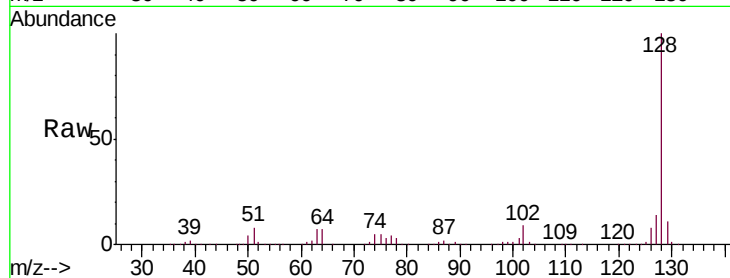




#95
Naphthalene
Concen: 45.009 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 438187
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 45.575 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008818.D
Acq: 10 Apr 2019 20:12

Tgt Ion:180 Resp: 132639
Ion Ratio Lower Upper
180 100
182 94.4 48.1 144.3
145 31.3 16.3 48.8

