

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040119\
 Data File : VX008583.D
 Acq On : 01 Apr 2019 20:49
 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 02 01:15:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	172786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	296598	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126963	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	131157	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	5.49	113	97816	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	8.71	98	384625	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.13	95	145471	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	83034	40.769	ug/l	98
3) Chloromethane	1.32	50	114822	44.604	ug/l	100
4) Vinyl Chloride	1.40	62	119456	42.007	ug/l	99
5) Bromomethane	1.64	94	47550	32.515	ug/l	99
6) Chloroethane	1.71	64	72109	42.804	ug/l	97
7) Trichlorofluoromethane	1.92	101	136902	42.507	ug/l	97
8) Diethyl Ether	2.18	74	67129	44.042	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	86423	44.401	ug/l	99
10) Methyl Iodide	2.51	142	59752	33.074	ug/l	99
11) Tert butyl alcohol	3.06	59	144297	248.631	ug/l	99
12) 1,1-Dichloroethene	2.37	96	90524	45.033	ug/l	95
13) Acrolein	2.29	56	84975	201.622	ug/l	100
14) Allyl chloride	2.72	41	207750	46.911	ug/l	99
15) Acrylonitrile	3.14	53	378411	248.657	ug/l	100
16) Acetone	2.45	43	320555	234.138	ug/l	99
17) Carbon Disulfide	2.56	76	250210	43.332	ug/l	100
18) Methyl Acetate	2.78	43	169431	51.527	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	352815	48.706	ug/l	98
20) Methylene Chloride	2.85	84	111987	50.120	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	96272	48.053	ug/l	97
22) Diisopropyl ether	3.85	45	422345	48.433	ug/l	100
23) Vinyl Acetate	3.81	43	1866159	245.295	ug/l	100
24) 1,1-Dichloroethane	3.69	63	207985	47.244	ug/l	99
25) 2-Butanone	4.67	43	550706	250.904	ug/l	99
26) 2,2-Dichloropropane	4.58	77	132555	45.270	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	115987	47.186	ug/l	99
28) Bromochloromethane	5.01	49	103268	47.480	ug/l	100
29) Tetrahydrofuran	5.13	42	359752	248.690	ug/l	98
30) Chloroform	5.21	83	189230	47.629	ug/l	100
31) Cyclohexane	5.57	56	190292	45.321	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	152584	48.047	ug/l	99
36) 1,1-Dichloropropene	5.80	75	141098	44.617	ug/l	99
37) Ethyl Acetate	4.84	43	207314	50.604	ug/l	100
38) Carbon Tetrachloride	5.78	117	124480	47.167	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040119\
 Data File : VX008583.D
 Acq On : 01 Apr 2019 20:49
 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 02 01:15:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	169672	44.895	ug/l	99
40) Benzene	6.14	78	442597	46.749	ug/l	100
41) Methacrylonitrile	5.04	41	117720	51.131	ug/l	99
42) 1,2-Dichloroethane	6.19	62	158775	45.805	ug/l	100
43) Isopropyl Acetate	6.45	43	327686	50.006	ug/l	100
44) Trichloroethene	7.21	130	101268	45.556	ug/l	99
45) 1,2-Dichloropropane	7.51	63	128645	47.806	ug/l	99
46) Dibromomethane	7.66	93	73517	46.784	ug/l	98
47) Bromodichloromethane	7.90	83	146676	48.765	ug/l	98
48) Methyl methacrylate	7.77	41	166198	50.689	ug/l	98
49) 1,4-Dioxane	7.74	88	58820	902.233	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1107189	260.138	ug/l	100
52) Toluene	8.78	92	266973	47.162	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	165277	50.168	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	182992	48.847	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	112090	48.643	ug/l	99
56) Ethyl methacrylate	9.18	69	210812	50.682	ug/l	100
57) 1,3-Dichloropropane	9.37	76	197232	47.739	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	552853	257.125	ug/l	100
59) 2-Hexanone	9.49	43	847874	257.095	ug/l	99
60) Dibromochloromethane	9.58	129	108054	49.307	ug/l	98
61) 1,2-Dibromoethane	9.67	107	113335	48.194	ug/l	99
64) Tetrachloroethene	9.34	164	85763	47.471	ug/l	98
65) Chlorobenzene	10.13	112	276189	47.591	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	98661	49.275	ug/l	99
67) Ethyl Benzene	10.25	91	519261	47.409	ug/l	100
68) m/p-Xylenes	10.36	106	376951	94.603	ug/l	99
69) o-Xylene	10.69	106	186865	48.326	ug/l	97
70) Styrene	10.71	104	329067	49.267	ug/l	100
71) Bromoform	10.85	173	80775	51.084	ug/l	100
73) Isopropylbenzene	11.02	105	492548	47.686	ug/l	100
74) N-amyl acetate	10.90	43	298741	49.969	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	191141	47.694	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	221192	58.602	ug/l	81
77) Bromobenzene	11.26	156	117983	47.064	ug/l	99
78) n-propylbenzene	11.36	91	575065	47.527	ug/l	100
79) 2-Chlorotoluene	11.42	91	345781	46.984	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	412633	47.253	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	61149	51.888	ug/l	100
82) 4-Chlorotoluene	11.51	91	397024	46.768	ug/l	99
83) tert-Butylbenzene	11.77	119	400313	47.515	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	415368	47.028	ug/l	100
85) sec-Butylbenzene	11.94	105	477228	47.566	ug/l	99
86) p-Isopropyltoluene	12.06	119	428716	48.426	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	209437	46.759	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	208636	46.155	ug/l	100
89) n-Butylbenzene	12.38	91	397531	47.401	ug/l	100
90) Hexachloroethane	12.60	117	71891	48.744	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	211271	47.102	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41579	47.582	ug/l	99

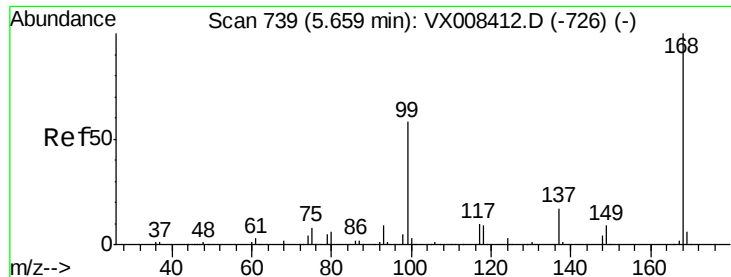
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040119\
Data File : VX008583.D
Acq On : 01 Apr 2019 20:49
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 02 01:15:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	143444	47.501	ug/l	99
94) Hexachlorobutadiene	13.78	225	68631	47.863	ug/l	100
95) Naphthalene	13.83	128	498461	48.145	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	144923	47.758	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

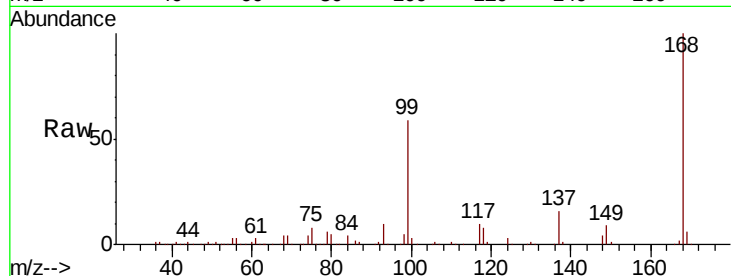
VSTDCCC050EC

Tot Ion:168 Resp: 172786

Ion Ratio Lower Upper

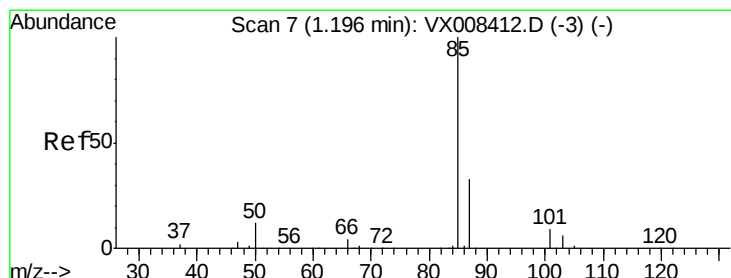
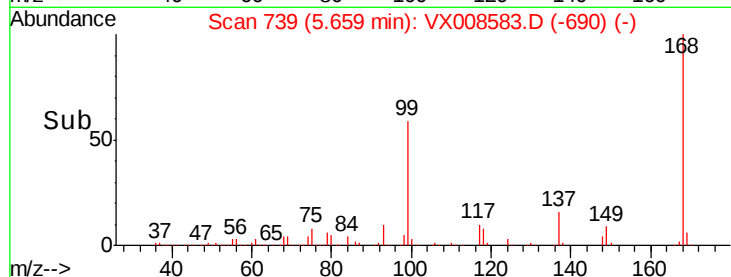
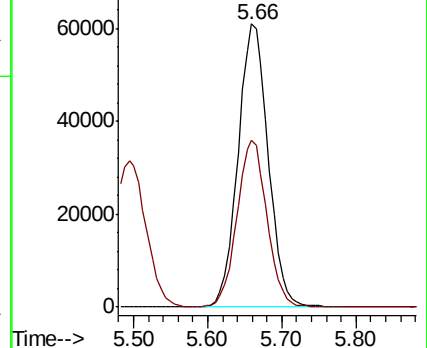
168 100

99 58.9 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 40.769 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008583.D

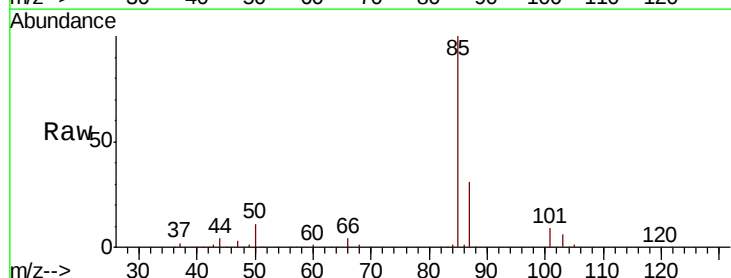
Acq: 01 Apr 2019 20:49

Tgt Ion: 85 Resp: 83034

Ion Ratio Lower Upper

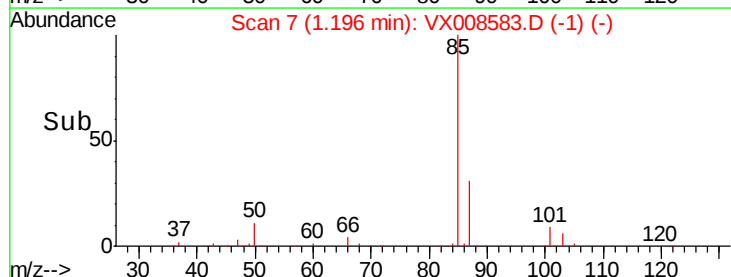
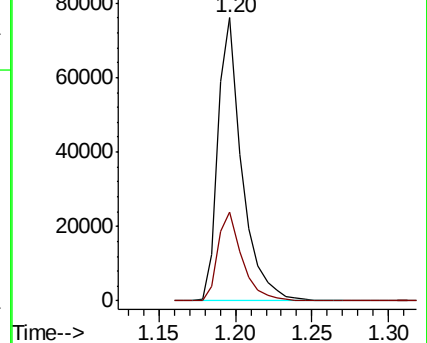
85 100

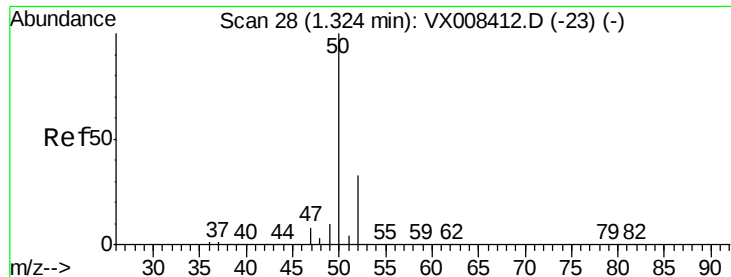
87 31.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.604 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

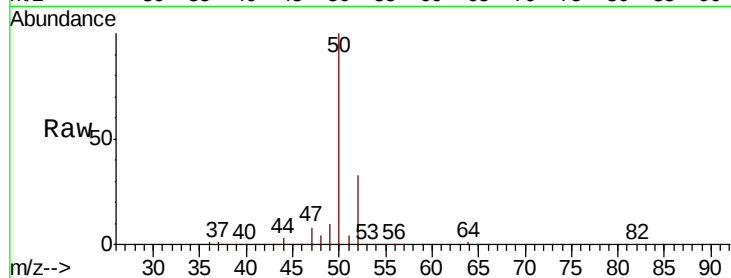
VSTDCCC050EC

Tot Ion: 50 Resp: 114822

Ion Ratio Lower Upper

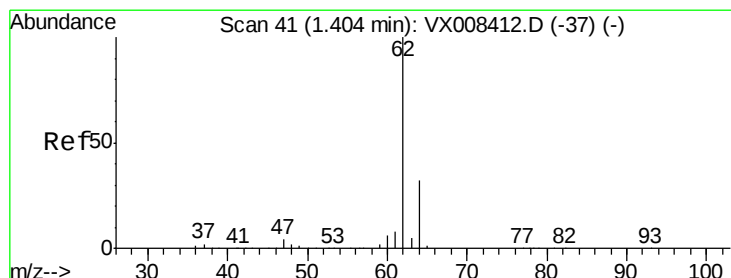
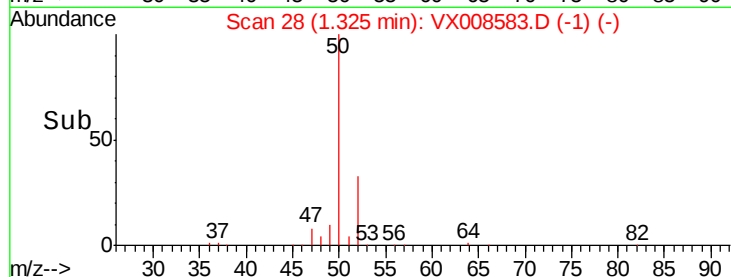
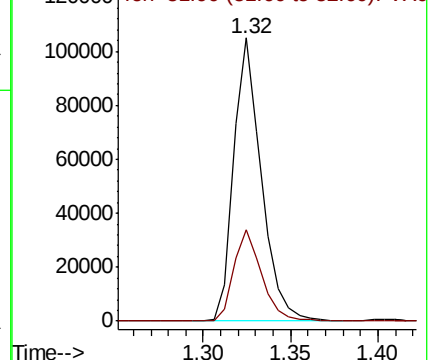
50 100

52 32.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.007 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008583.D

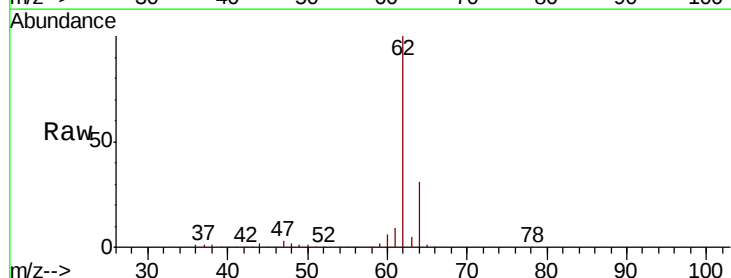
Acq: 01 Apr 2019 20:49

Tgt Ion: 62 Resp: 119456

Ion Ratio Lower Upper

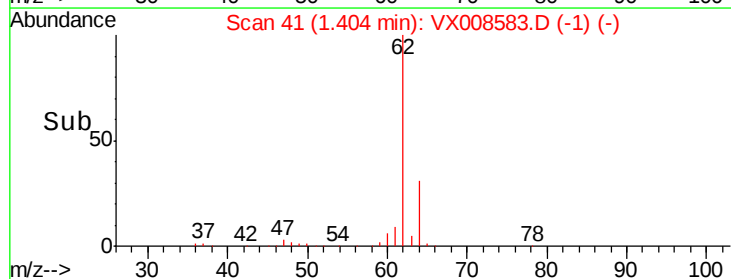
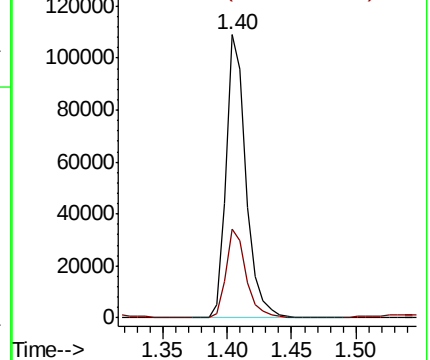
62 100

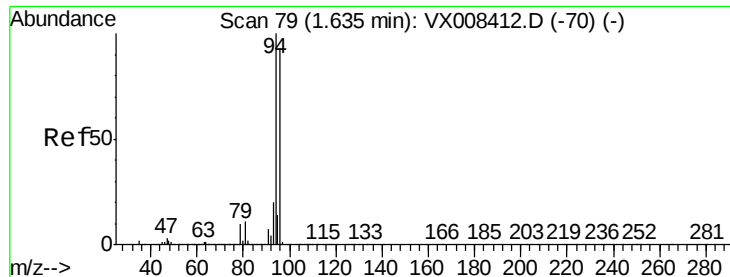
64 31.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 32.515 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

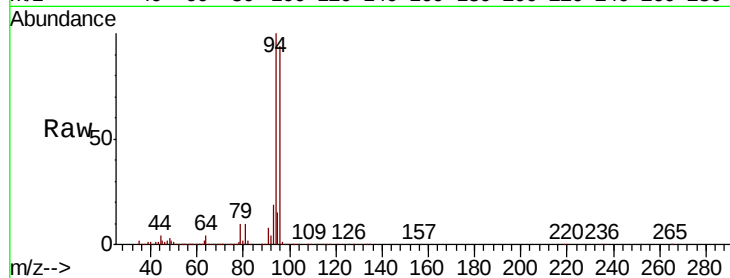
VSTDCCC050EC

Tot Ion: 94 Resp: 47550

Ion Ratio Lower Upper

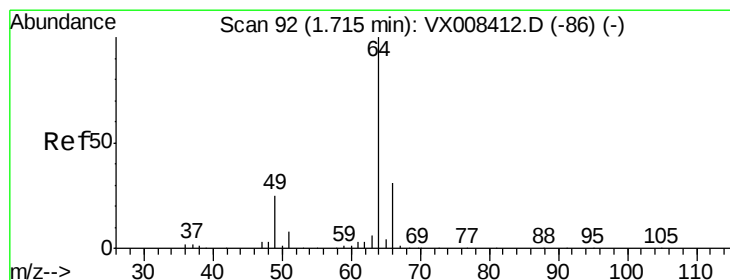
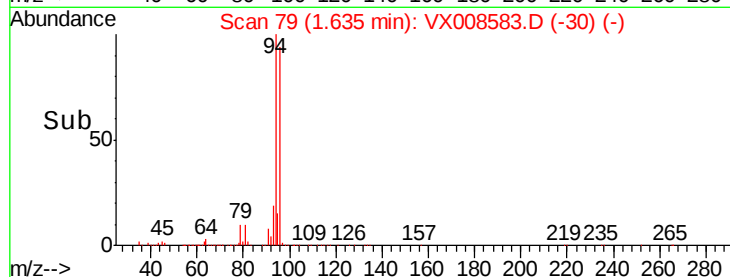
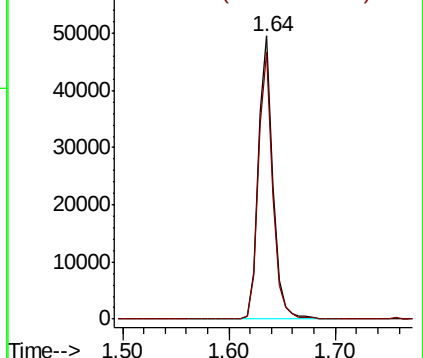
94 100

96 94.4 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 42.804 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008583.D

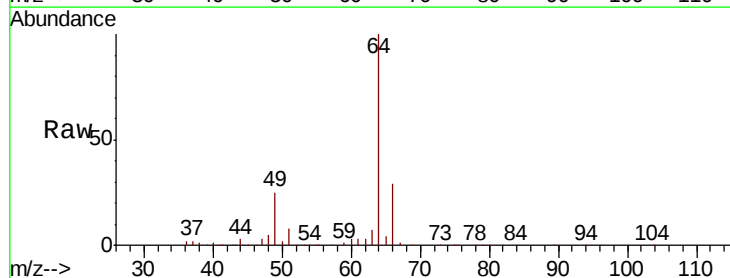
Acq: 01 Apr 2019 20:49

Tgt Ion: 64 Resp: 72109

Ion Ratio Lower Upper

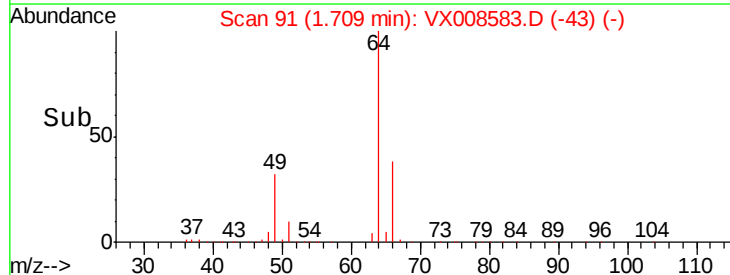
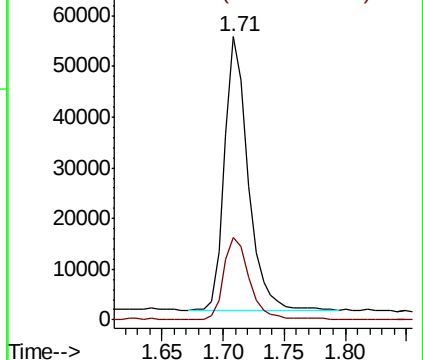
64 100

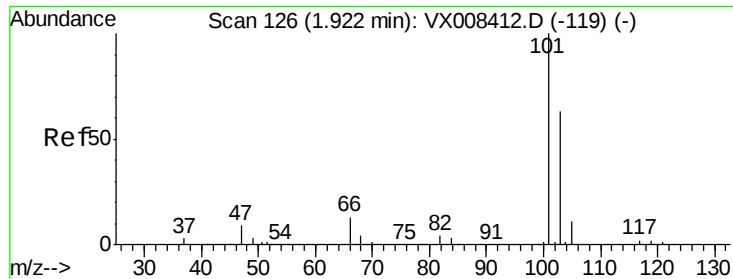
66 29.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



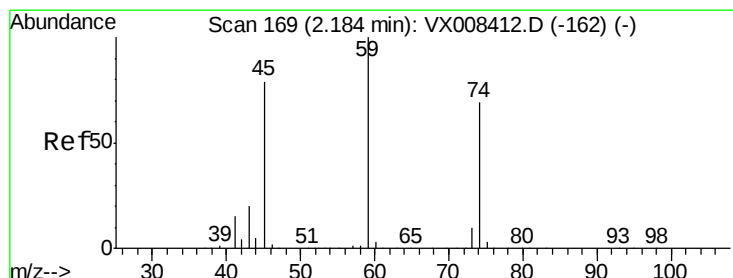
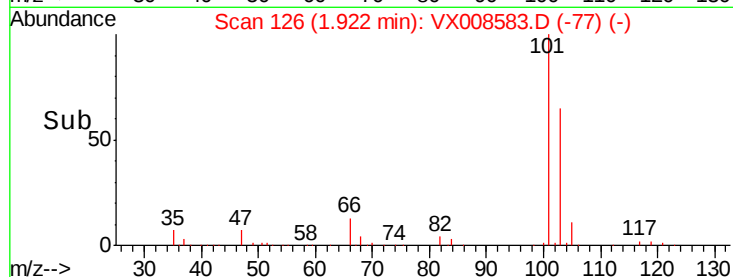
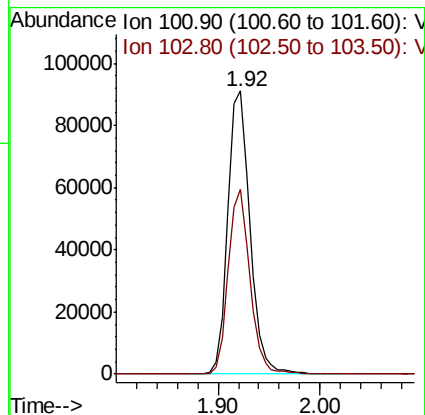
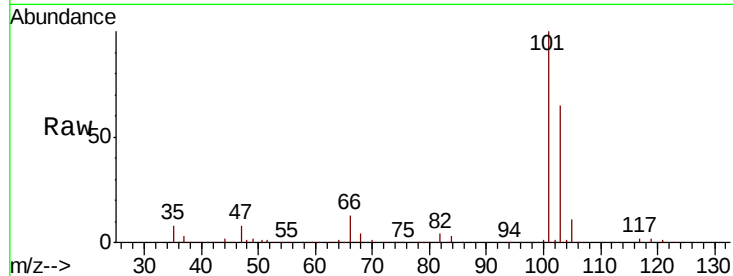


#7

Trichlorofluoromethane
 Concen: 42.507 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

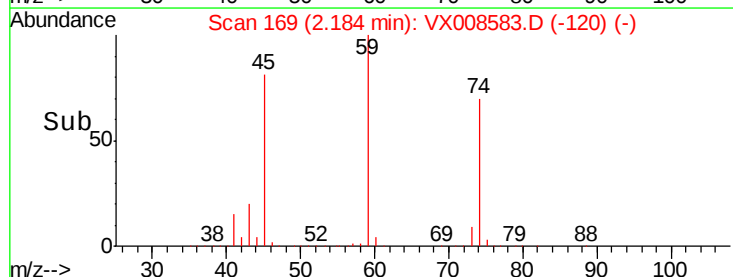
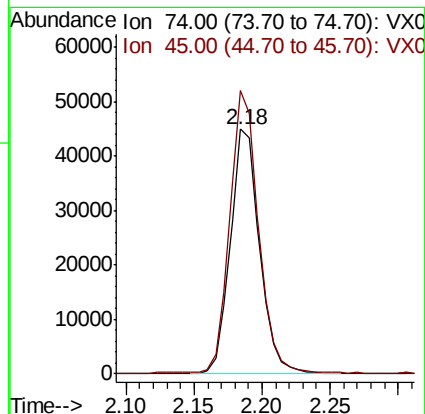
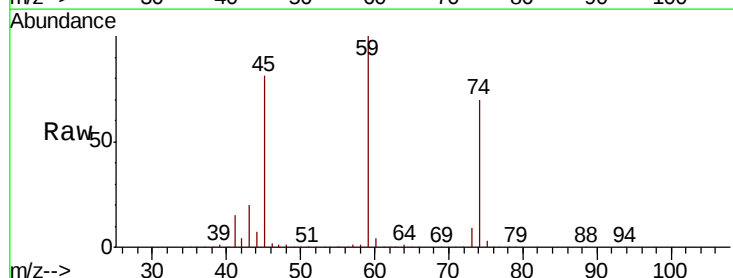
Tot Ion:101 Resp: 136902
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.2 75.4

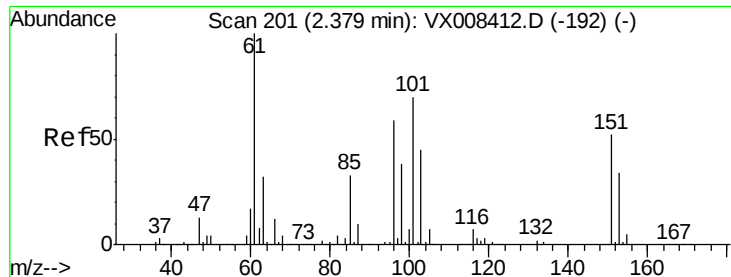


#8

Diethyl Ether
 Concen: 44.042 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Tgt Ion: 74 Resp: 67129
 Ion Ratio Lower Upper
 74 100
 45 113.5 56.4 169.2

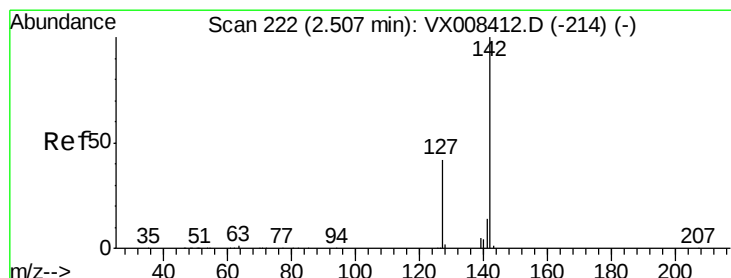
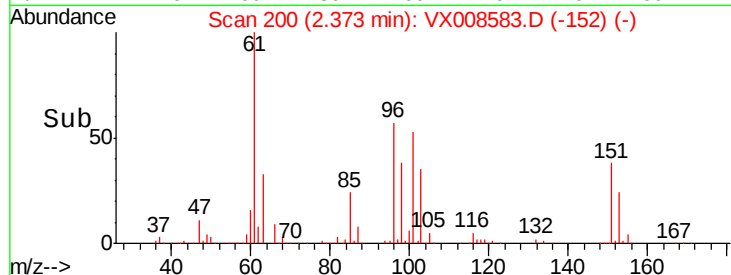
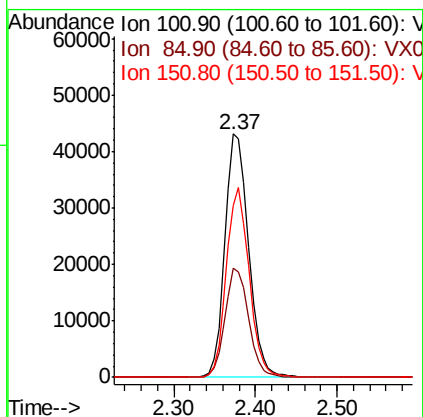
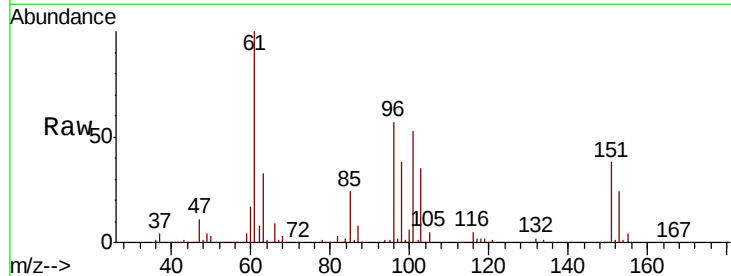




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 44.401 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.01 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

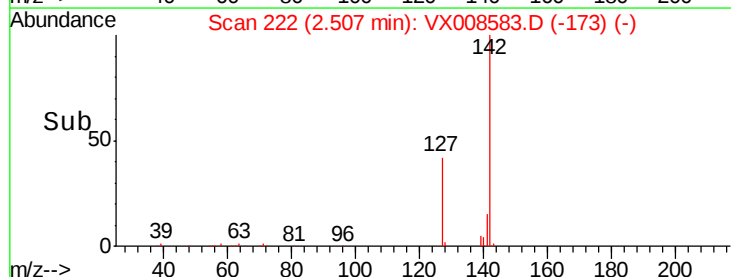
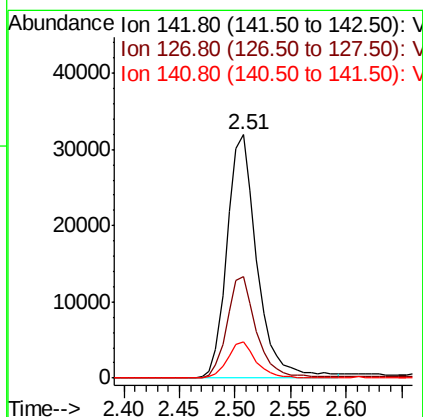
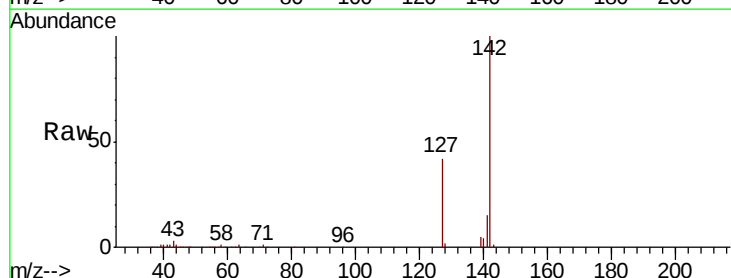
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

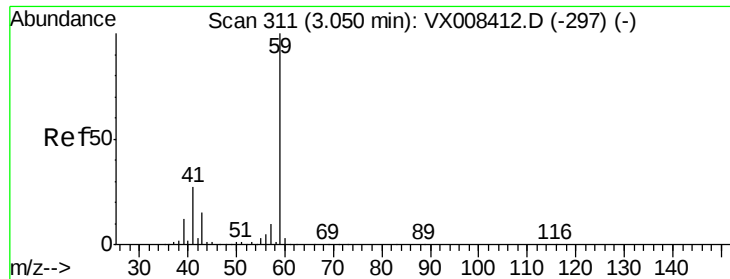
Tot Ion:101 Resp: 86423
 Ion Ratio Lower Upper
 101 100
 85 44.5 36.0 54.0
 151 75.0 59.2 88.8



#10
 Methyl Iodide
 Concen: 33.074 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Tgt Ion:142 Resp: 59752
 Ion Ratio Lower Upper
 142 100
 127 41.2 33.6 50.4
 141 14.5 11.3 16.9

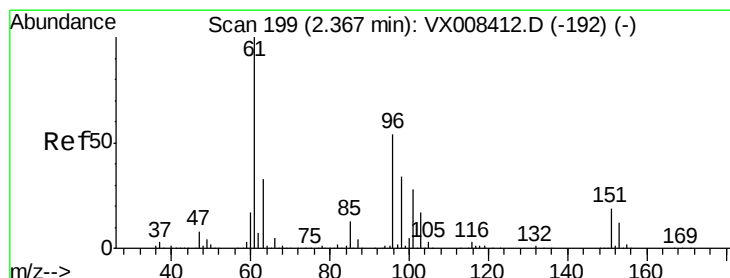
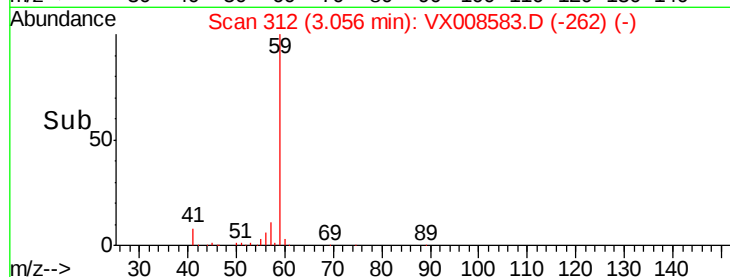
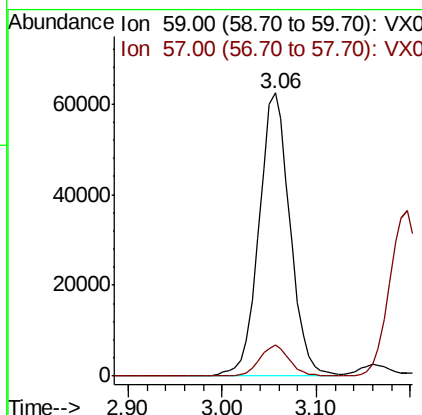
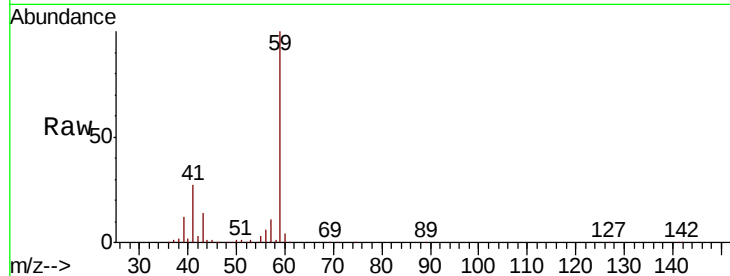




#11
Tert butyl alcohol
Concen: 248.631 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

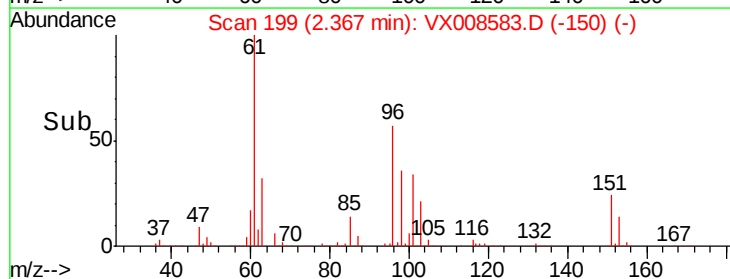
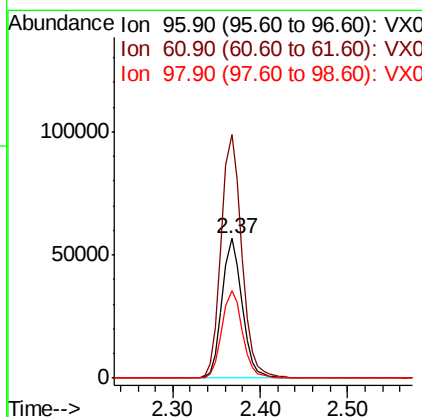
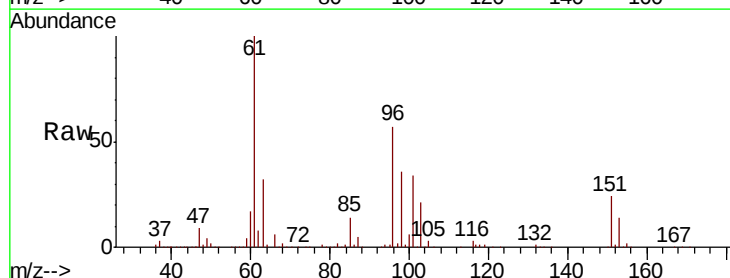
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

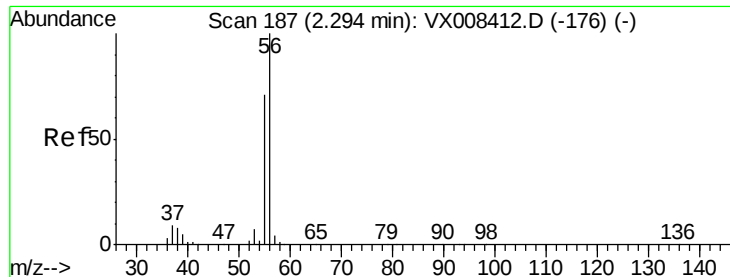
Tot Ion: 59 Resp: 144297
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 45.033 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion: 96 Resp: 90524
Ion Ratio Lower Upper
96 100
61 174.5 146.9 220.3
98 62.8 50.1 75.1





#13

Acrolein

Concen: 201.622 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

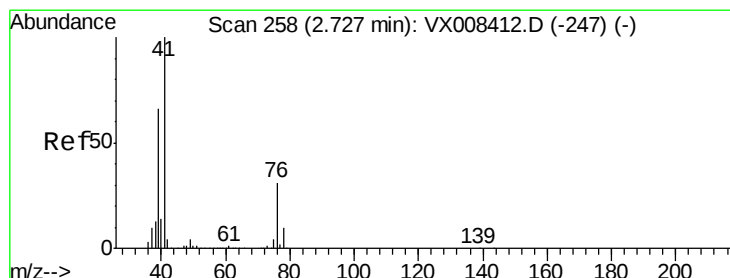
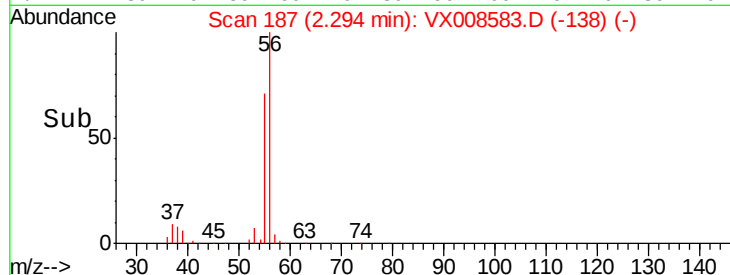
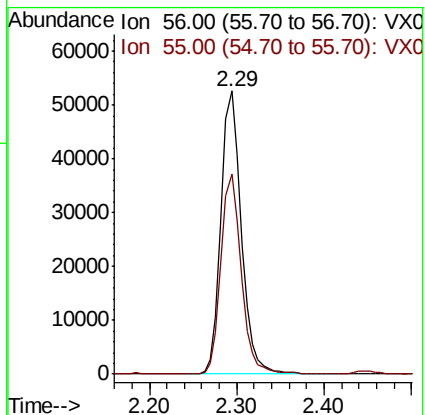
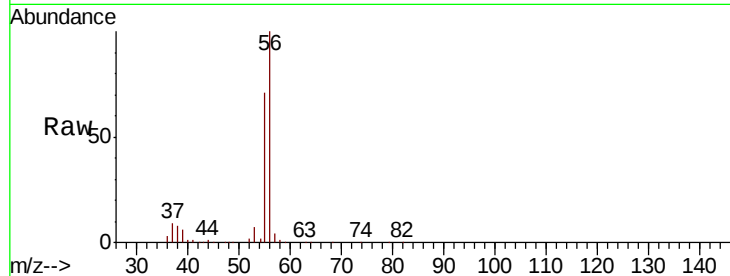
VSTDCCC050EC

Tot Ion: 56 Resp: 84975

Ion Ratio Lower Upper

56 100

55 70.6 56.5 84.7



#14

Allyl chloride

Concen: 46.911 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

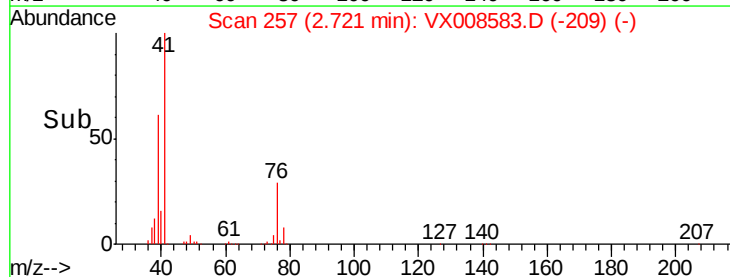
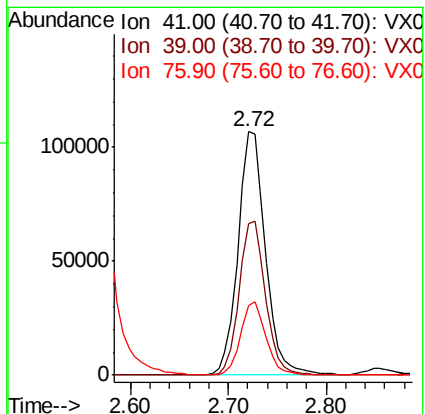
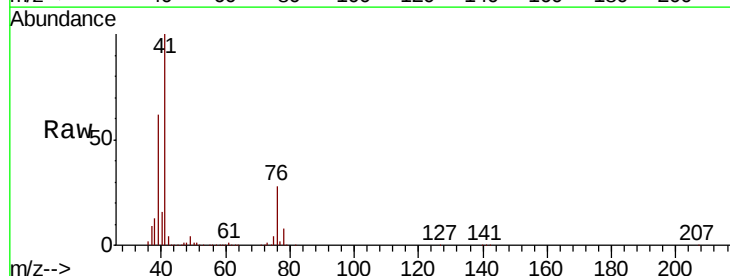
Tgt Ion: 41 Resp: 207750

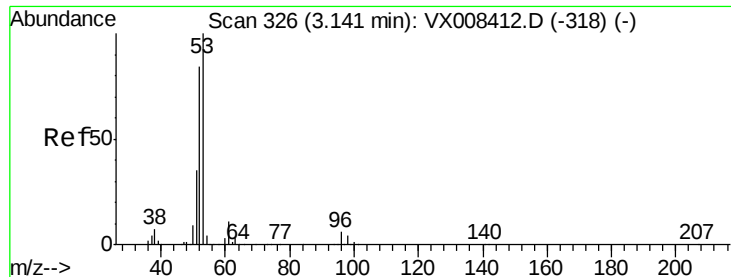
Ion Ratio Lower Upper

41 100

39 60.9 49.6 74.4

76 27.6 22.6 34.0





#15

Acrylonitrile

Concen: 248.657 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

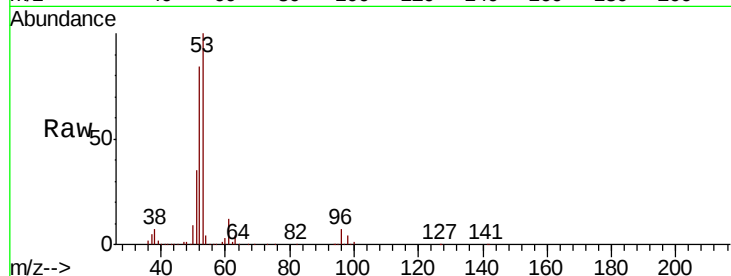
Tot Ion: 53 Resp: 378411

Ion Ratio Lower Upper

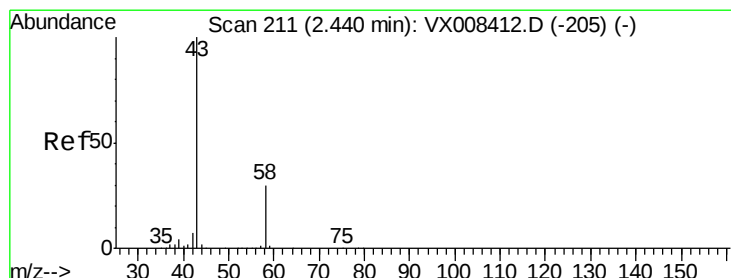
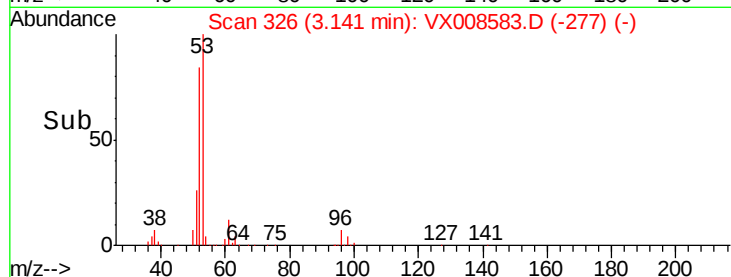
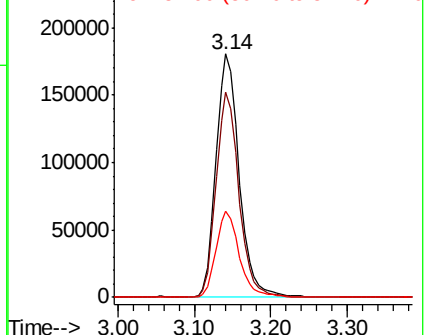
53 100

52 82.9 66.5 99.7

51 35.6 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 234.138 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX008583.D

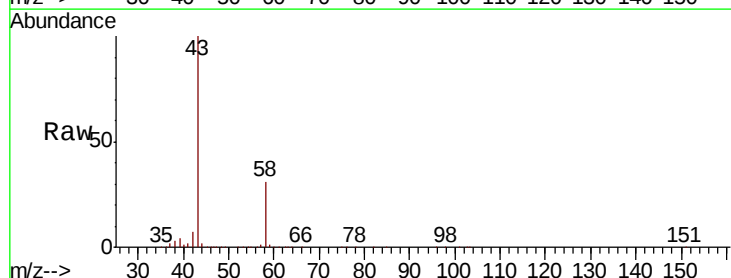
Acq: 01 Apr 2019 20:49

Tgt Ion: 43 Resp: 320555

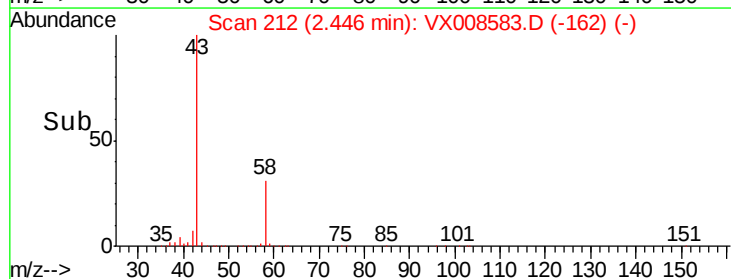
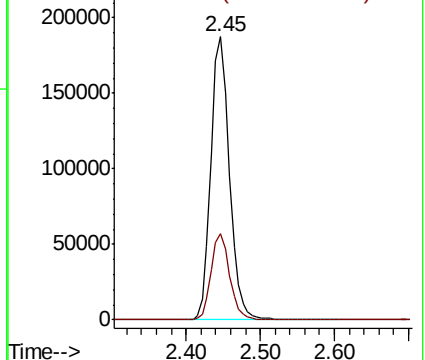
Ion Ratio Lower Upper

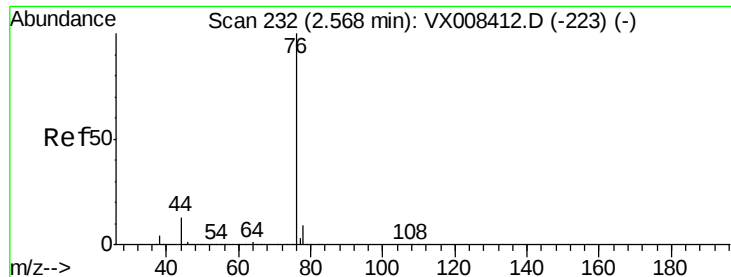
43 100

58 30.5 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 43.332 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

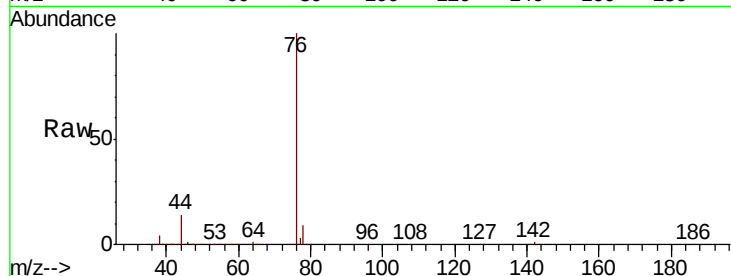
VSTDCCC050EC

Tot Ion: 76 Resp: 250210

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

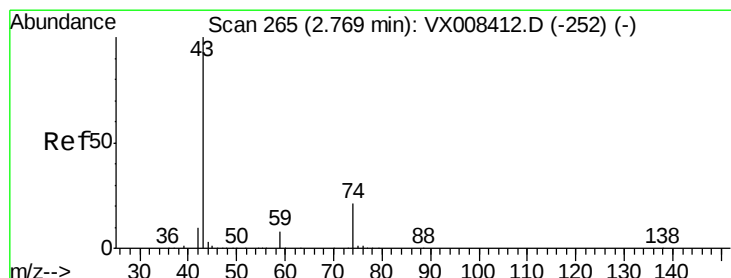
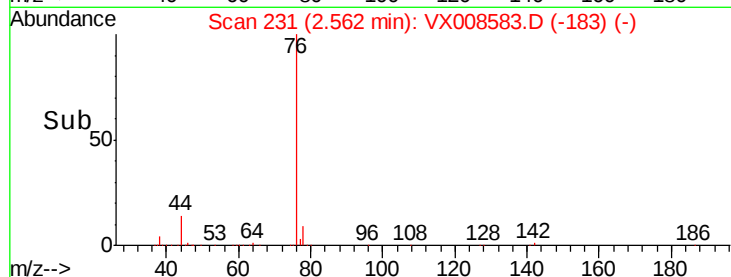
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 51.527 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX008583.D

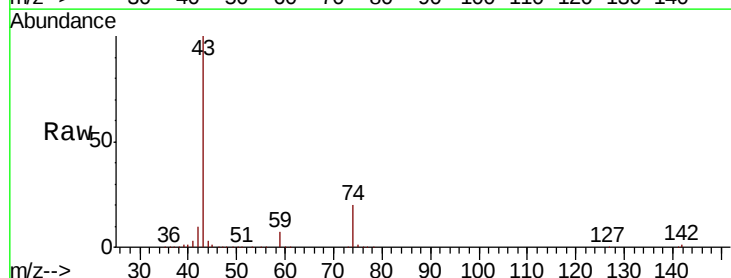
Acq: 01 Apr 2019 20:49

Tgt Ion: 43 Resp: 169431

Ion Ratio Lower Upper

43 100

74 20.5 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

60000

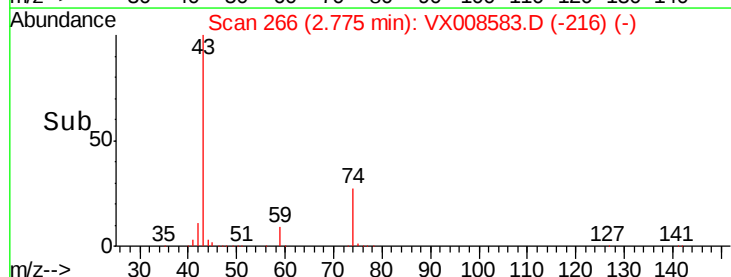
40000

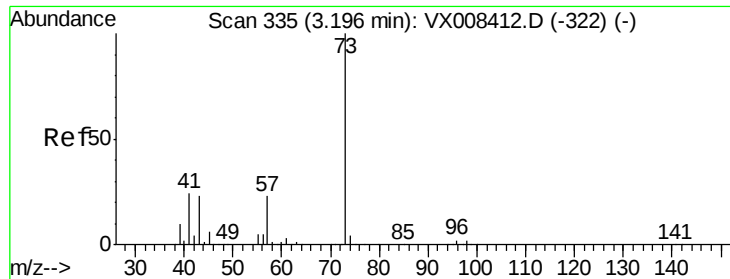
20000

0

Time-->

2.70 2.75 2.80 2.85

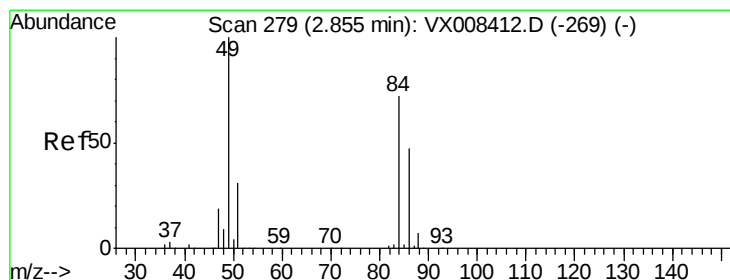
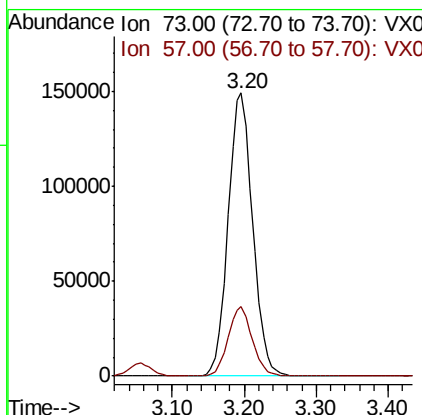
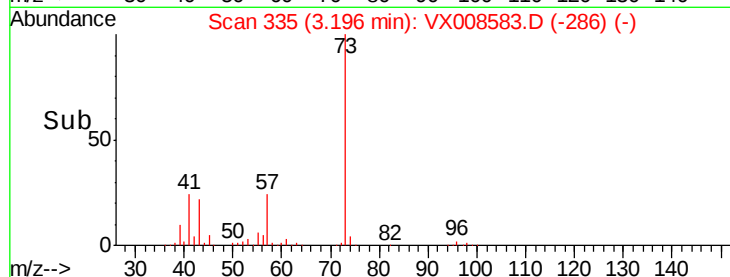
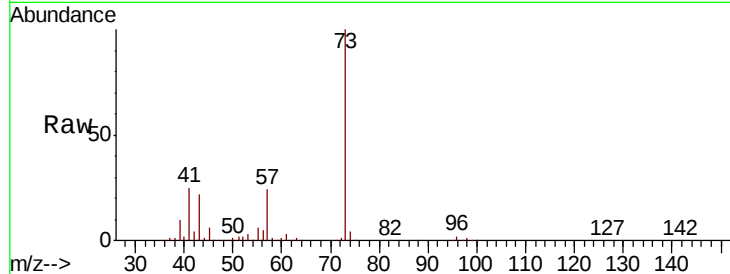




#19
Methyl tert-butyl Ether
Concen: 48.706 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

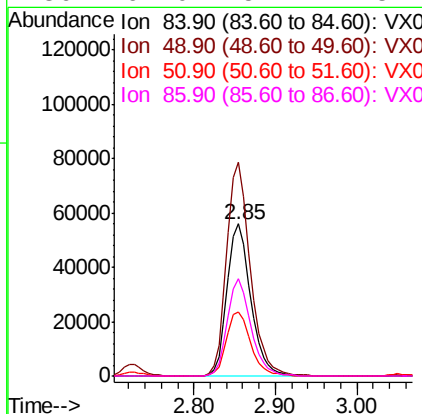
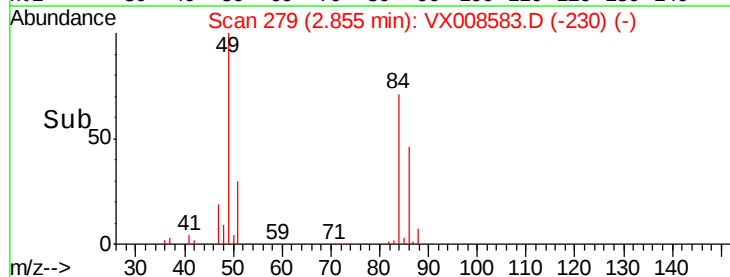
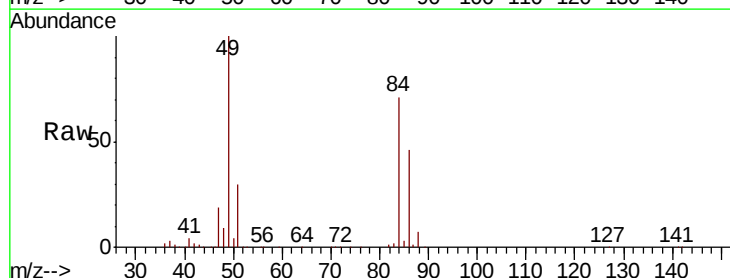
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

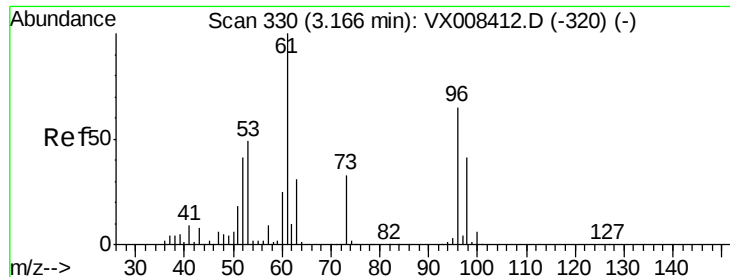
Tot Ion: 73 Resp: 352815
Ion Ratio Lower Upper
73 100
57 24.4 18.6 28.0



#20
Methylene Chloride
Concen: 50.120 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion: 84 Resp: 111987
Ion Ratio Lower Upper
84 100
49 140.4 110.6 165.8
51 41.7 33.9 50.9
86 64.0 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 48.053 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

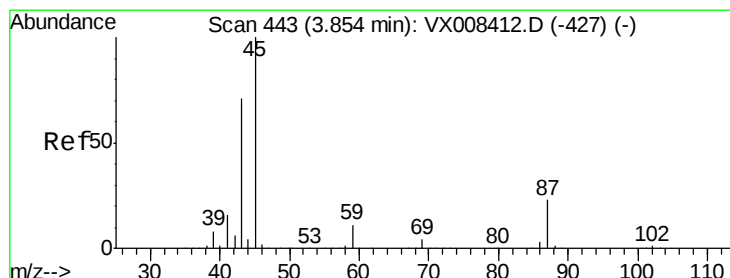
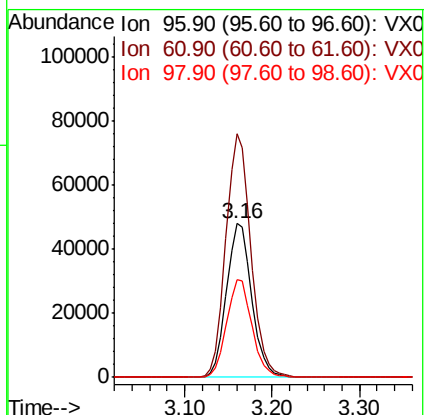
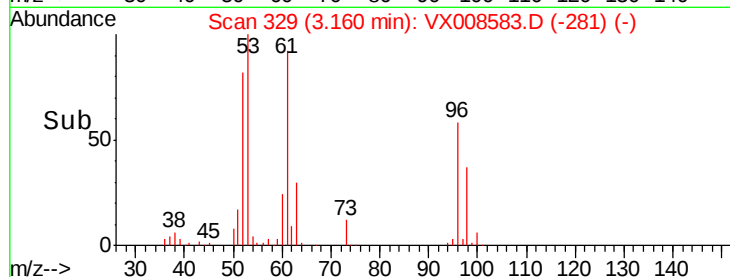
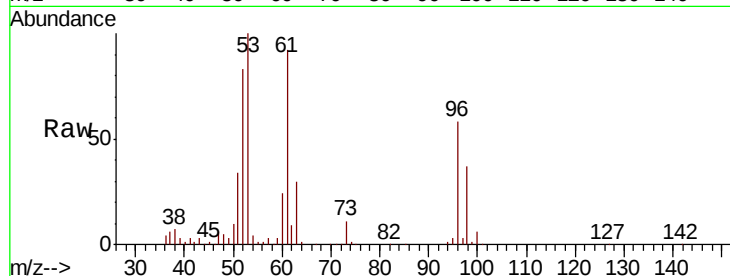
Tot Ion: 96 Resp: 96272

Ion Ratio Lower Upper

96 100

61 158.2 122.6 184.0

98 63.6 50.9 76.3



#22

Diisopropyl ether

Concen: 48.433 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Tgt Ion: 45 Resp: 422345

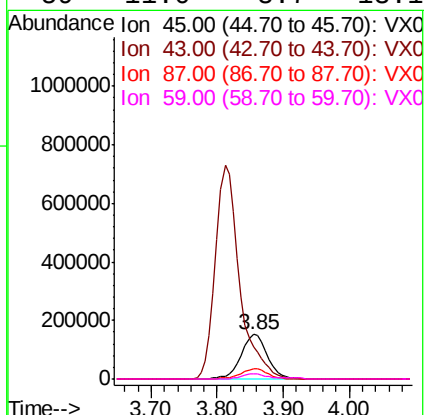
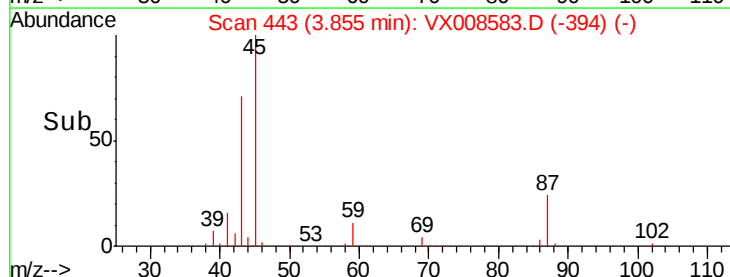
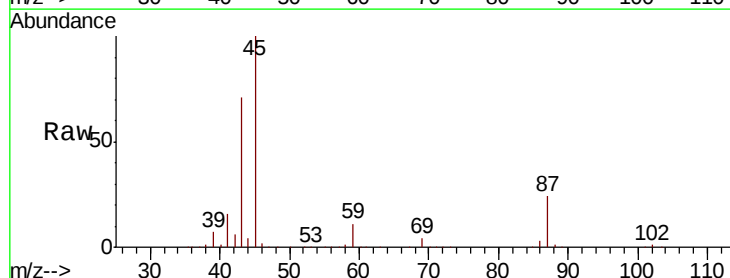
Ion Ratio Lower Upper

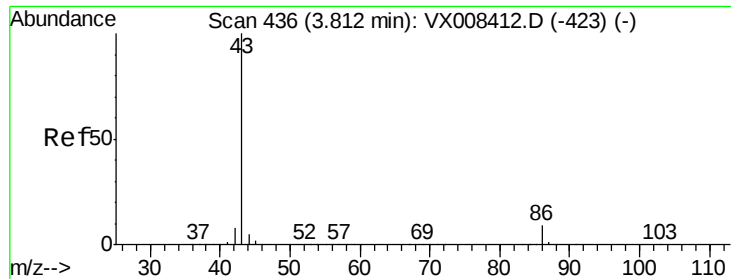
45 100

43 71.0 57.1 85.7

87 23.6 18.8 28.2

59 11.0 8.7 13.1





#23

Vinyl Acetate

Concen: 245.295 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

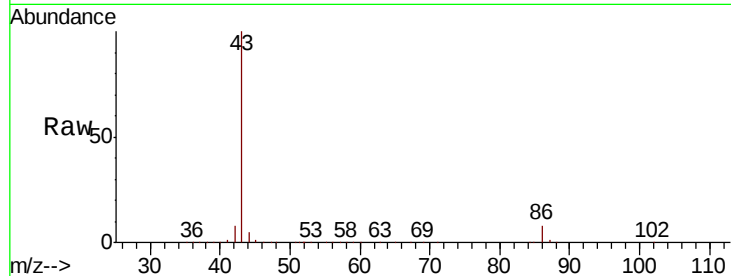
VSTDCCC050EC

Tot Ion: 43 Resp: 1866159

Ion Ratio Lower Upper

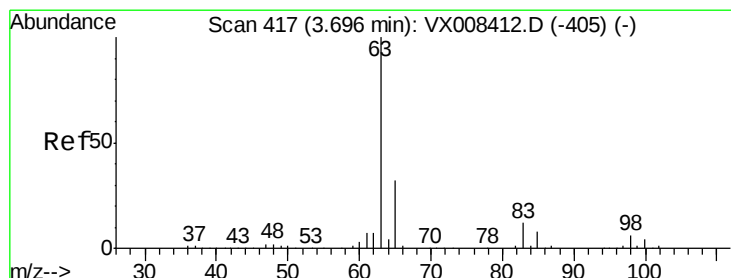
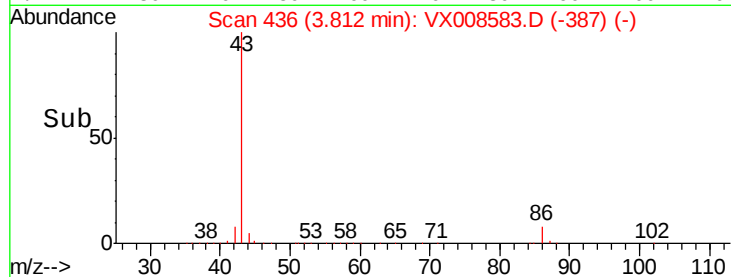
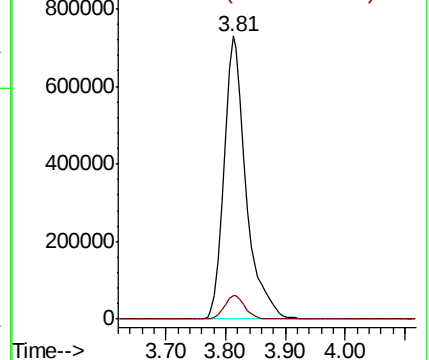
43 100

86 8.5 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.244 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

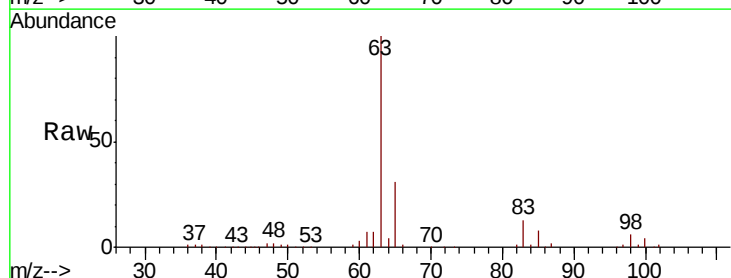
Tgt Ion: 63 Resp: 207985

Ion Ratio Lower Upper

63 100

98 5.7 3.2 9.6

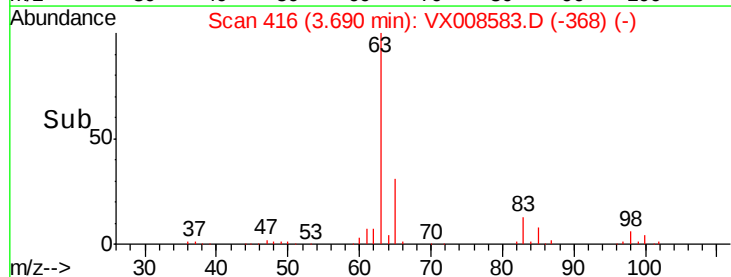
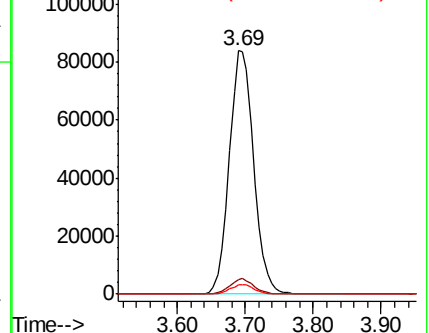
100 4.1 2.0 5.8

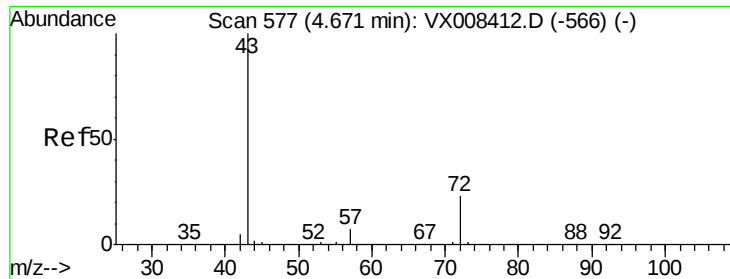


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 250.904 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

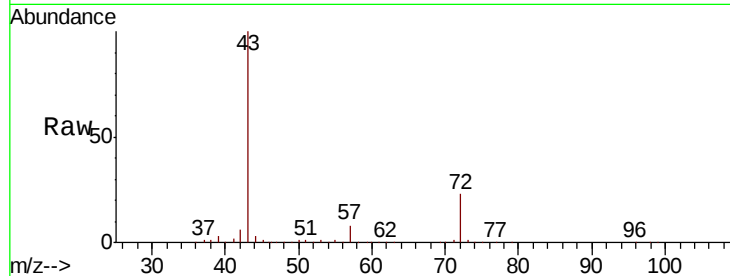
VSTDCCC050EC

Tot Ion: 43 Resp: 550706

Ion Ratio Lower Upper

43 100

72 22.6 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

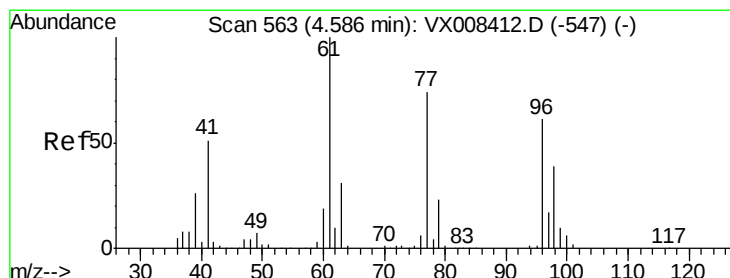
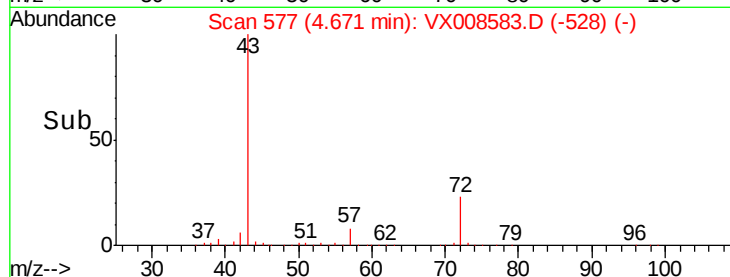
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 45.270 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008583.D

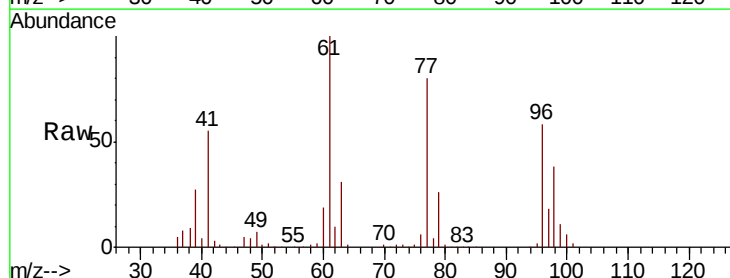
Acq: 01 Apr 2019 20:49

Tgt Ion: 77 Resp: 132555

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

50000

40000

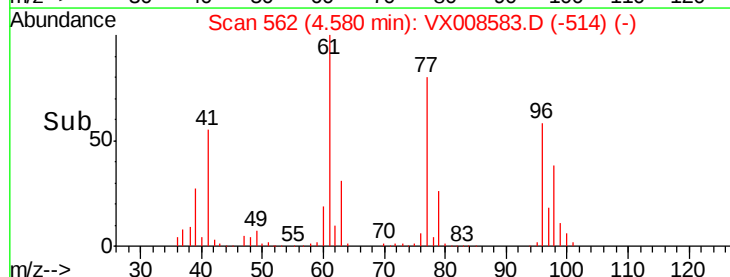
30000

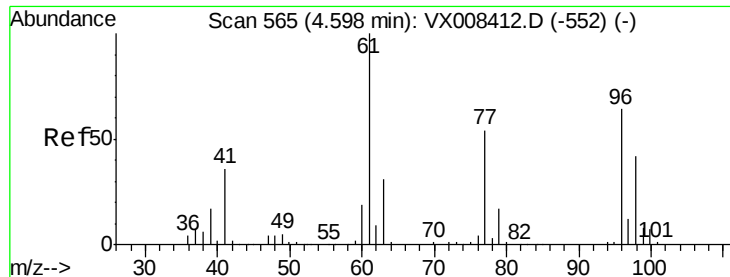
20000

10000

0

Time-->



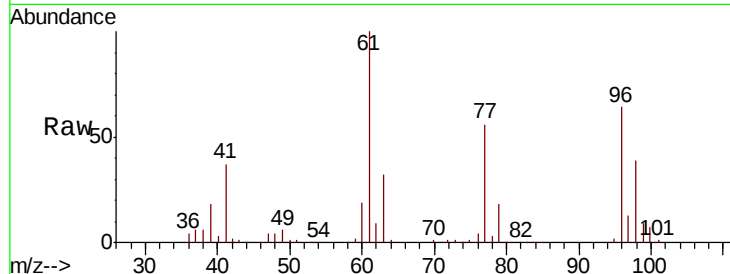


#27

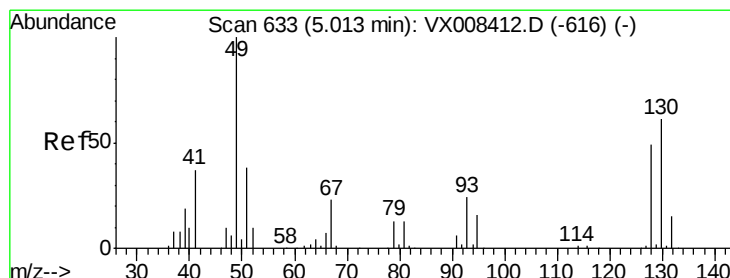
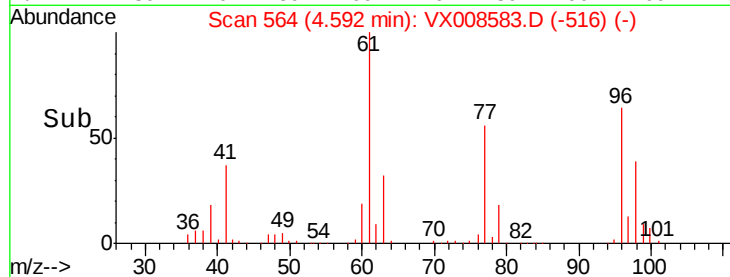
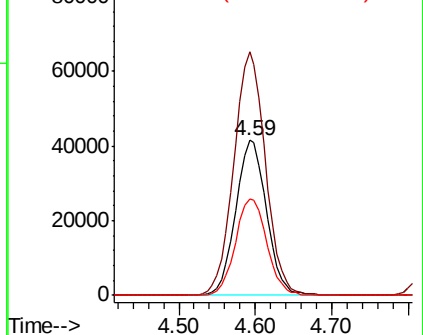
cis-1,2-Dichloroethene
 Concen: 47.186 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	161.5	0.0	325.6
98	63.6	0.0	130.0



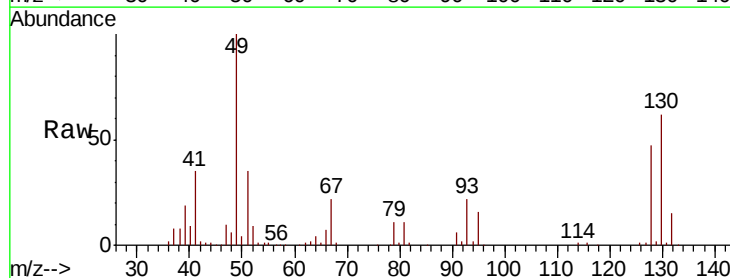
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



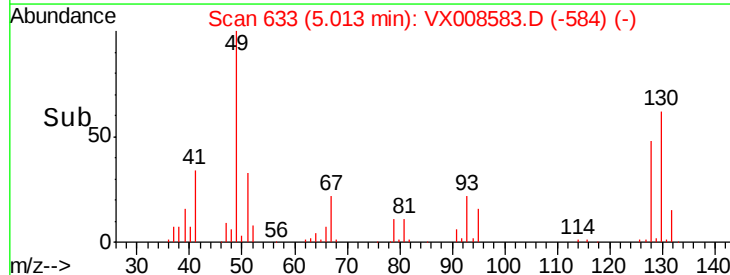
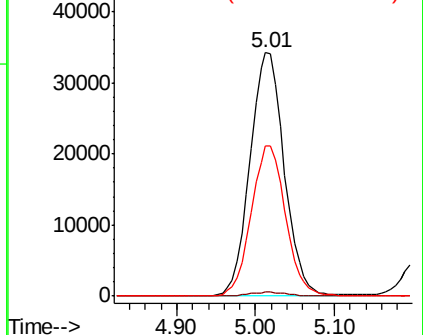
#28

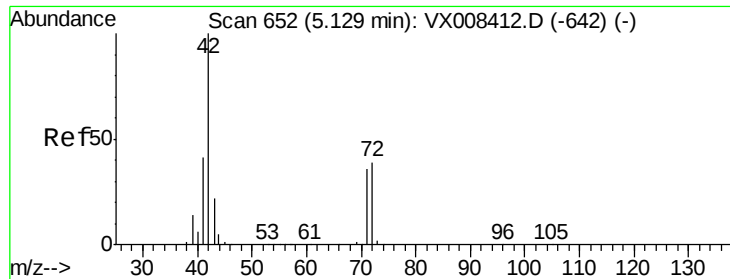
Bromochloromethane
 Concen: 47.480 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	61.9	49.8	74.6



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: 248.690 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

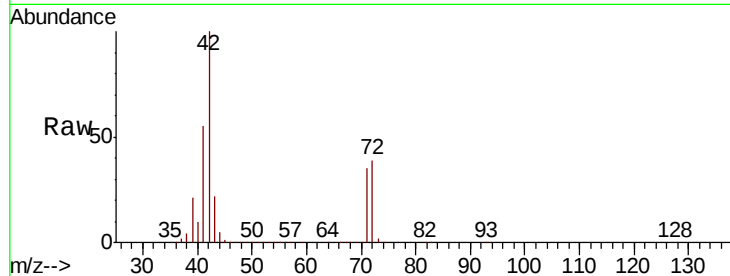
Tot Ion: 42 Resp: 359752

Ion Ratio Lower Upper

42 100

72 38.6 31.4 47.2

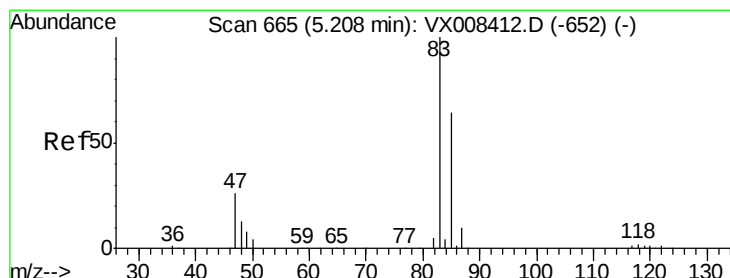
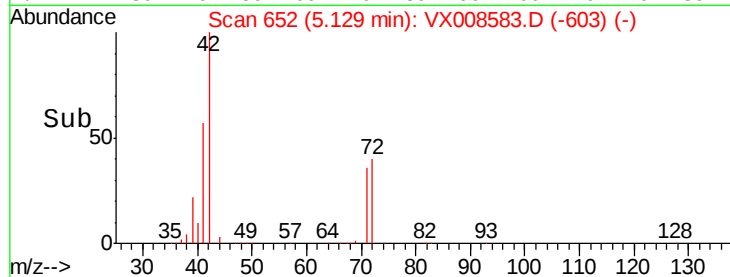
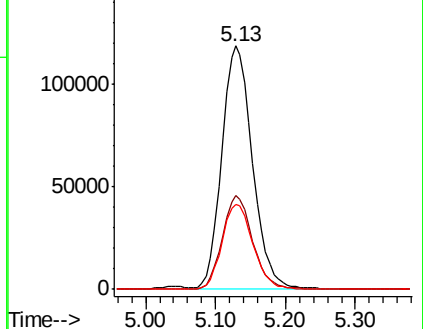
71 35.6 29.4 44.2



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.629 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX008583.D

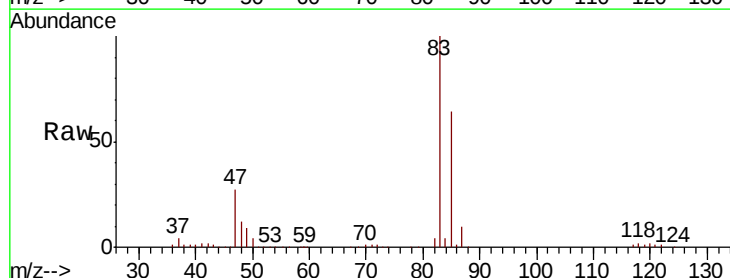
Acq: 01 Apr 2019 20:49

Tgt Ion: 83 Resp: 189230

Ion Ratio Lower Upper

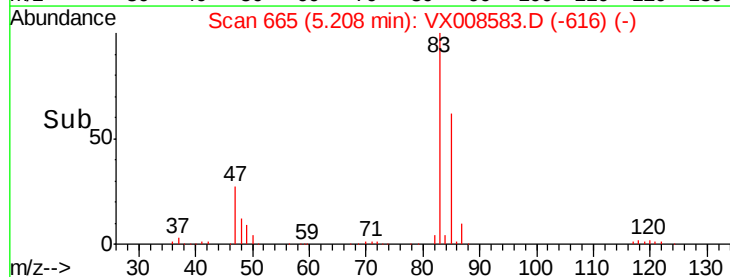
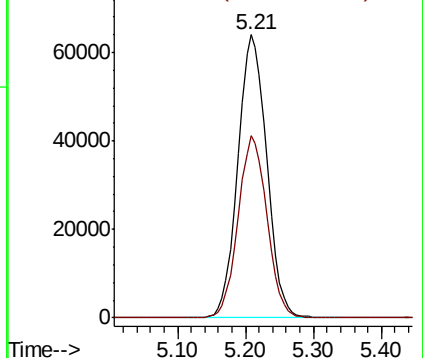
83 100

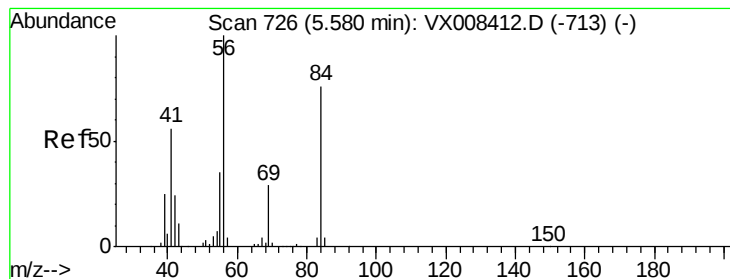
85 64.4 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 45.321 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

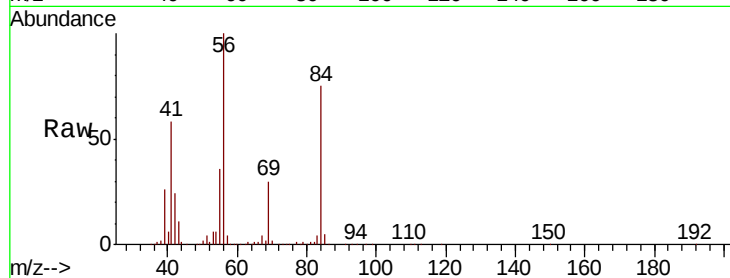
Tot Ion: 56 Resp: 190292

Ion Ratio Lower Upper

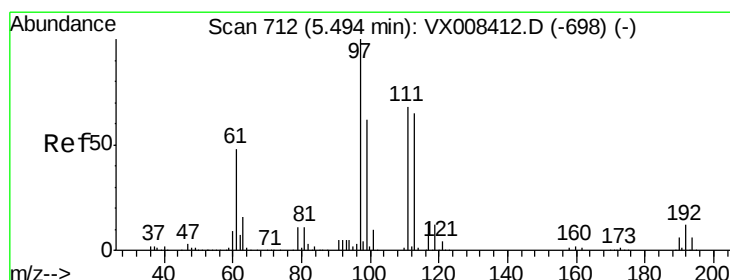
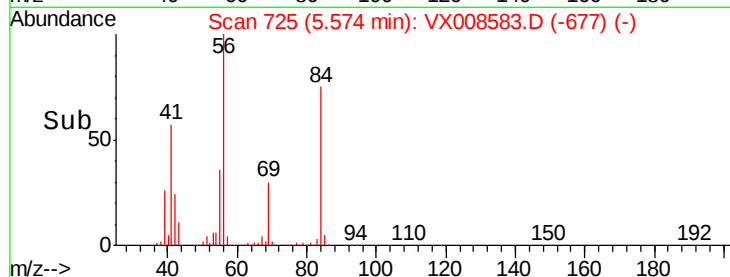
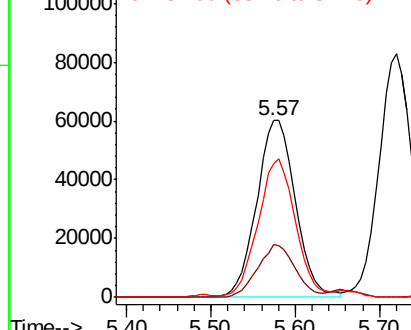
56 100

69 29.7 23.2 34.8

84 74.2 60.7 91.1



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



#32

1,1,1-Trichloroethane

Concen: 48.047 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

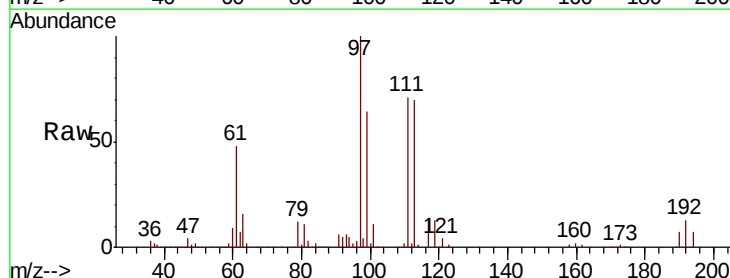
Tgt Ion: 97 Resp: 152584

Ion Ratio Lower Upper

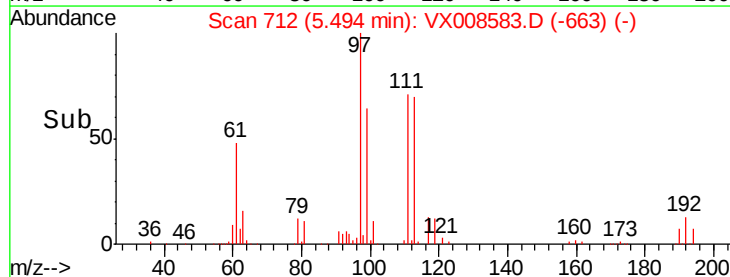
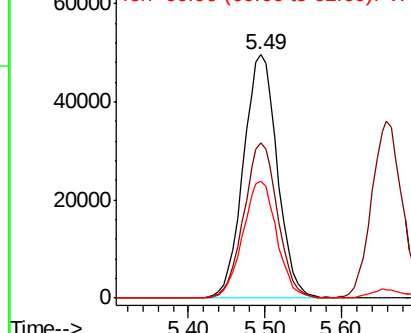
97 100

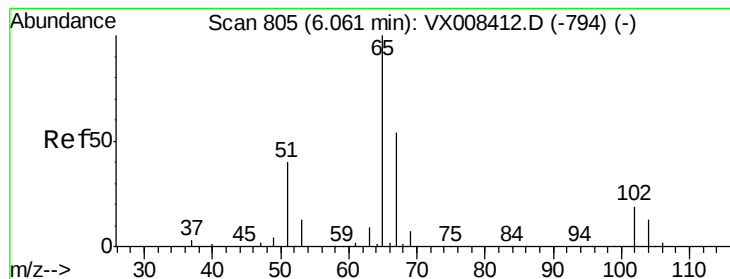
99 63.6 51.5 77.3

61 48.2 38.8 58.2



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





#33

1,2-Dichloroethane-d4

Concen: 50.070 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

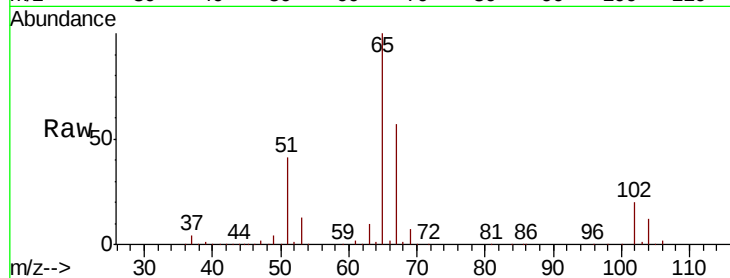
VSTDCCC050EC

Tot Ion: 65 Resp: 131157

Ion Ratio Lower Upper

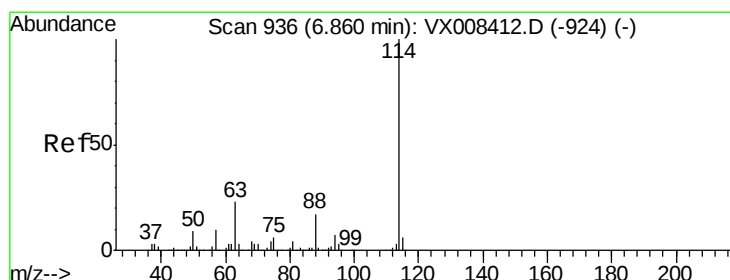
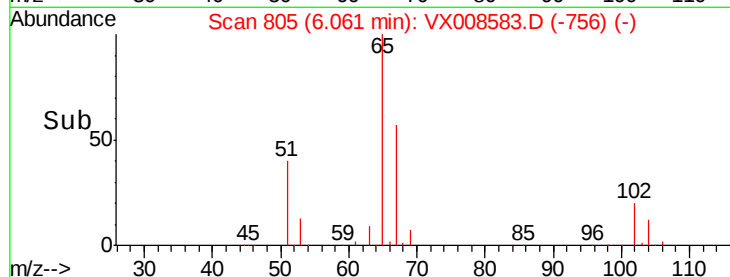
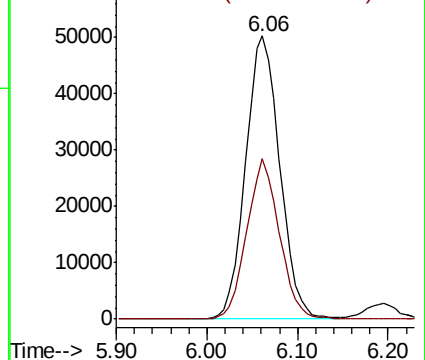
65 100

67 53.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

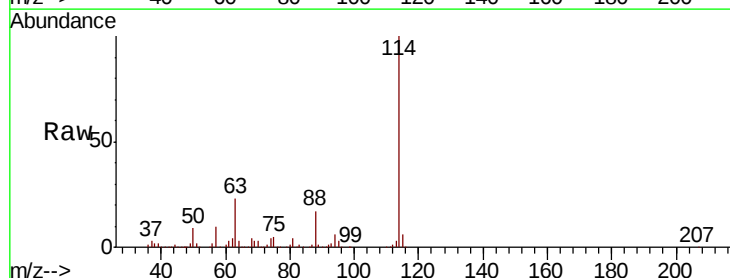
Tgt Ion: 114 Resp: 296598

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.4

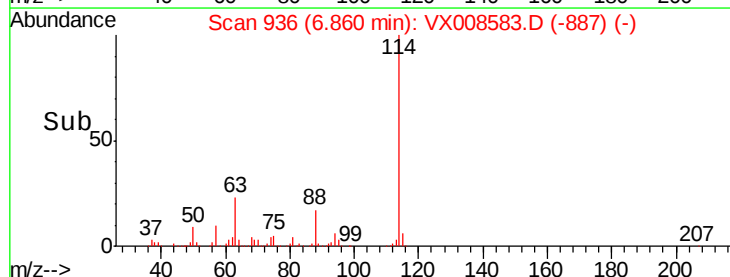
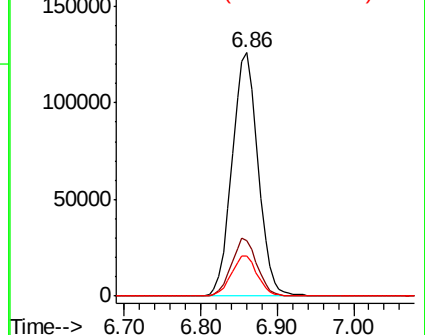
88 16.7 0.0 33.2

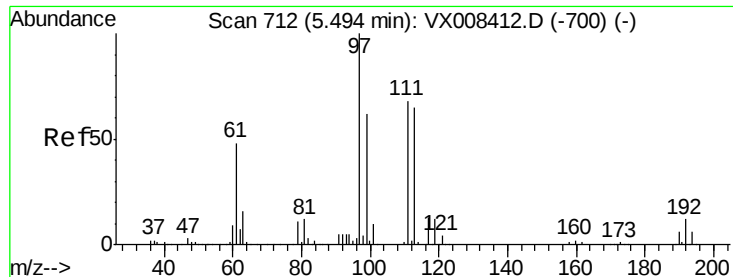


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.578 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

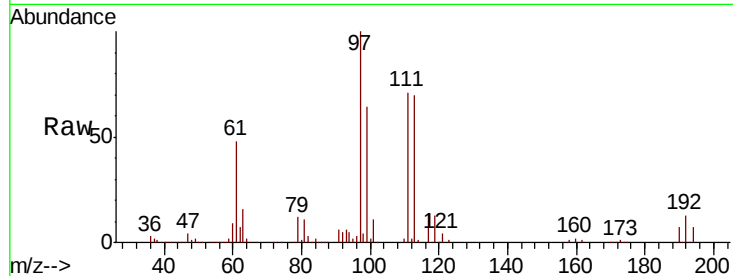
Tot Ion:113 Resp: 97816

Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.4

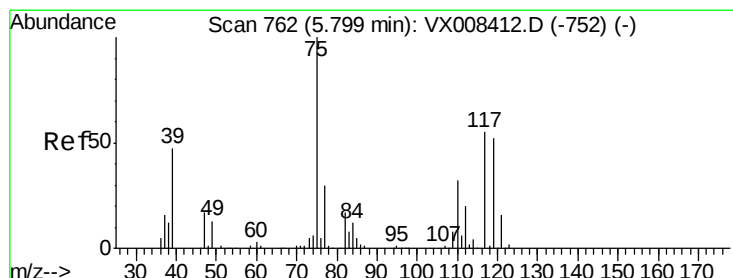
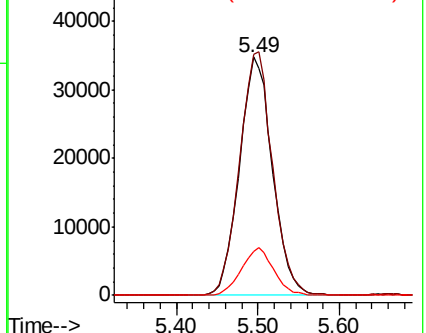
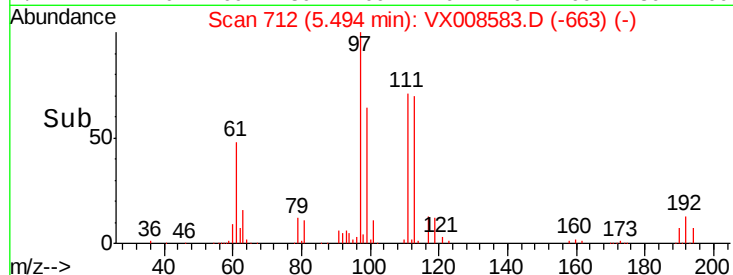
192 19.7 15.6 23.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 44.617 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

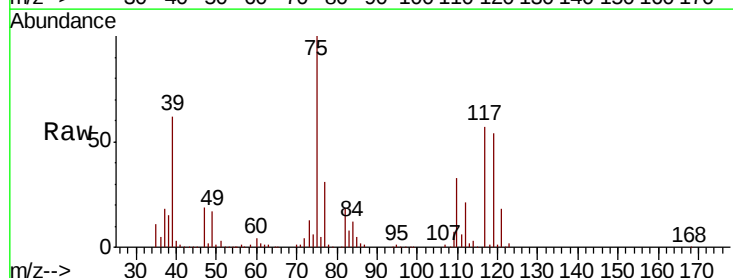
Tgt Ion: 75 Resp: 141098

Ion Ratio Lower Upper

75 100

110 33.2 16.6 49.7

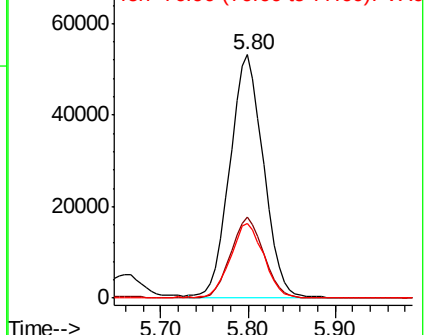
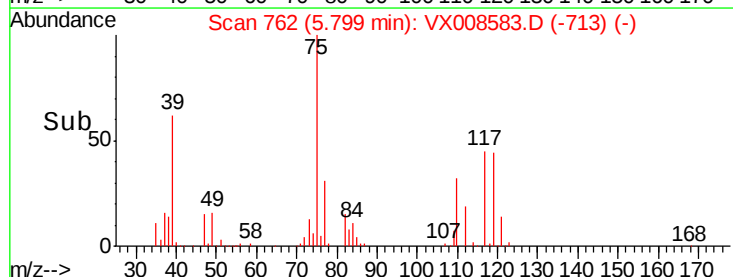
77 30.7 24.2 36.2

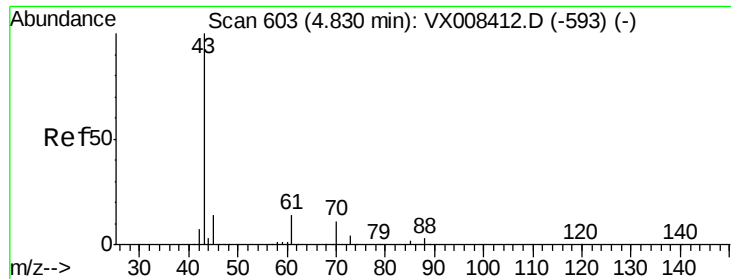


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

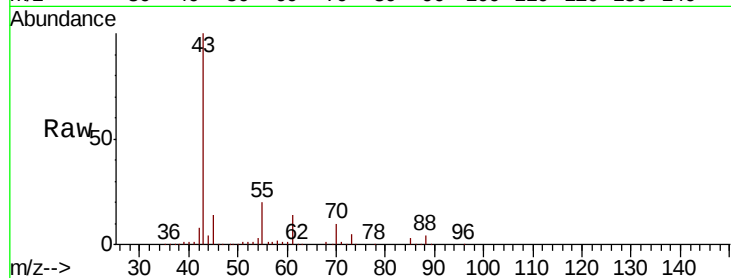




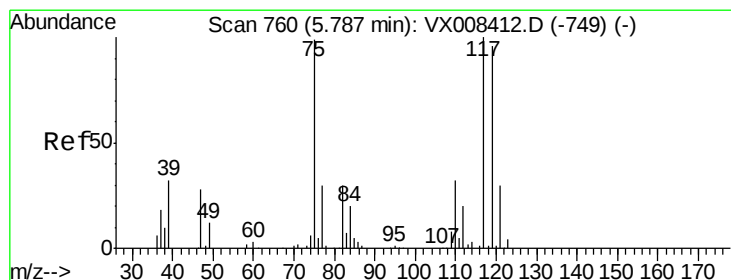
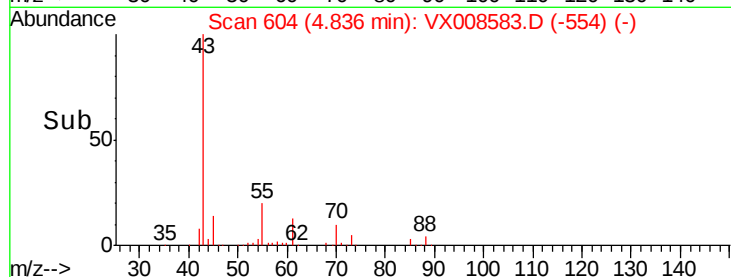
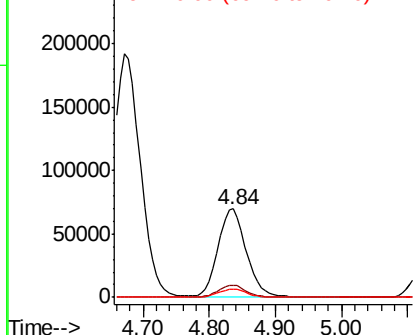
#37
Ethyl Acetate
Concen: 50.604 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 207314
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 9.6 7.8 11.8

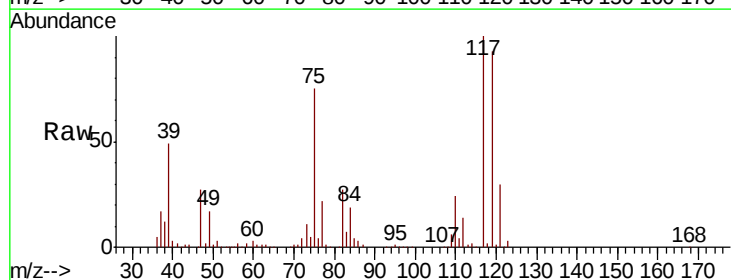


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

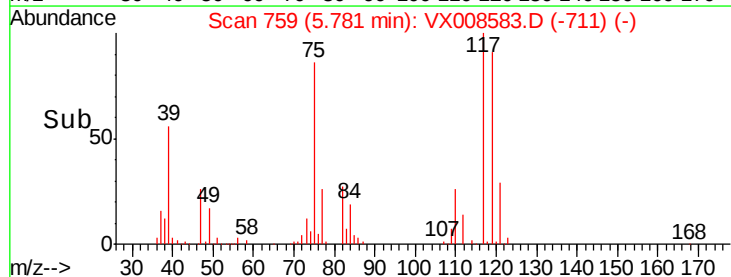
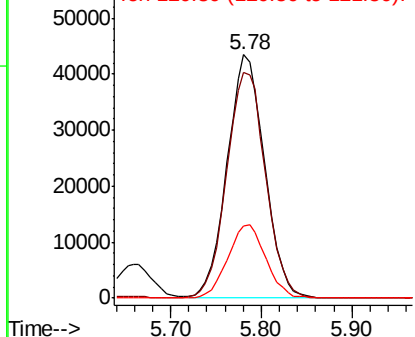


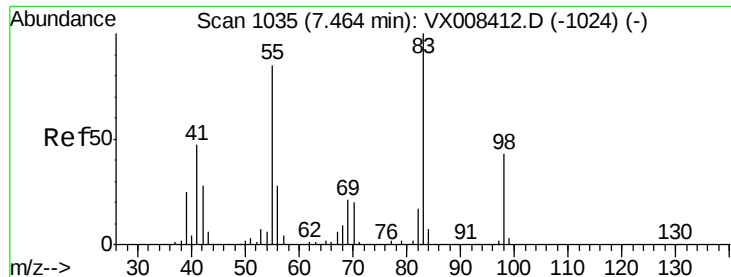
#38
Carbon Tetrachloride
Concen: 47.167 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion: 117 Resp: 124480
Ion Ratio Lower Upper
117 100
119 92.4 76.7 115.1
121 29.7 24.3 36.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

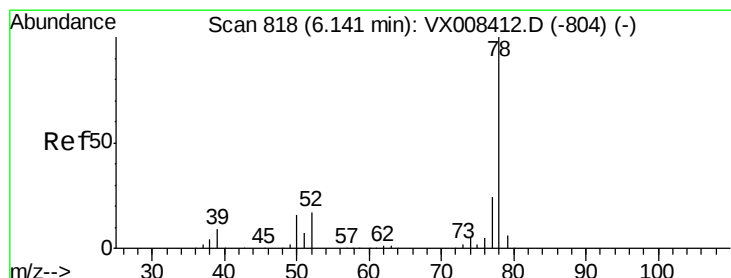
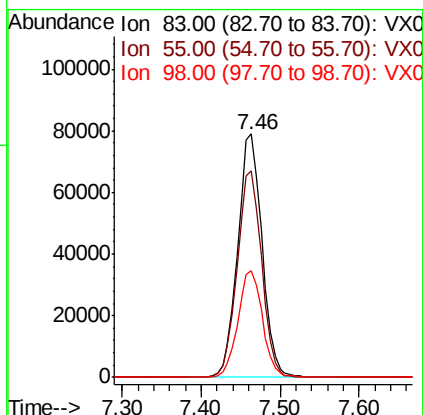
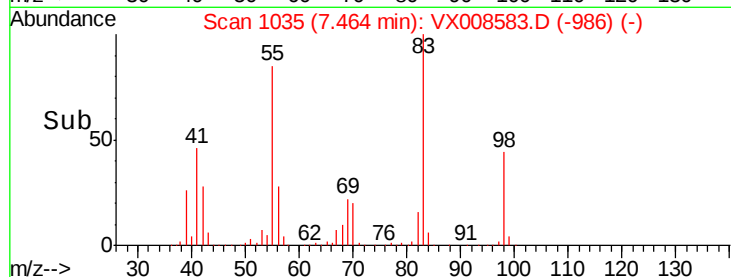
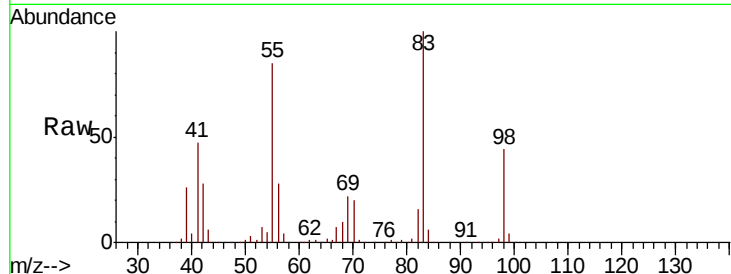




#39
Methvlcvclohexane
Concen: 44.895 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

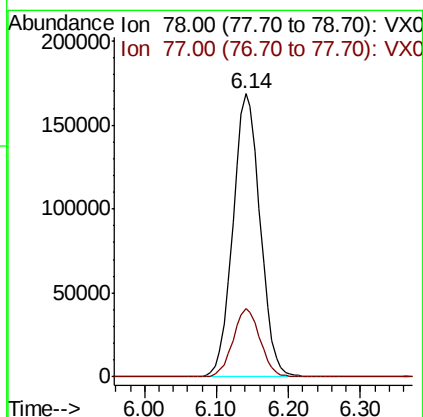
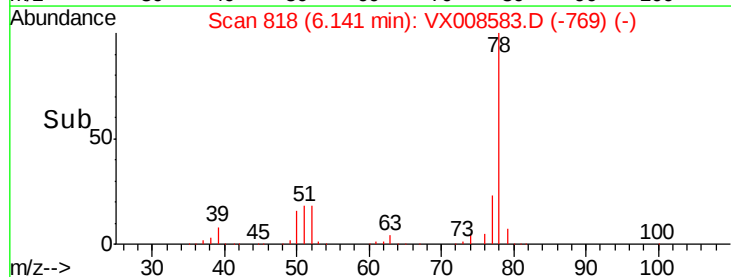
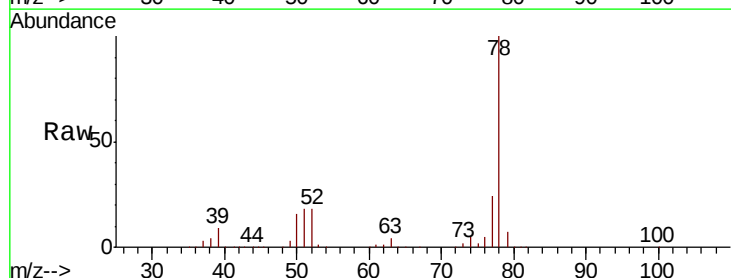
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

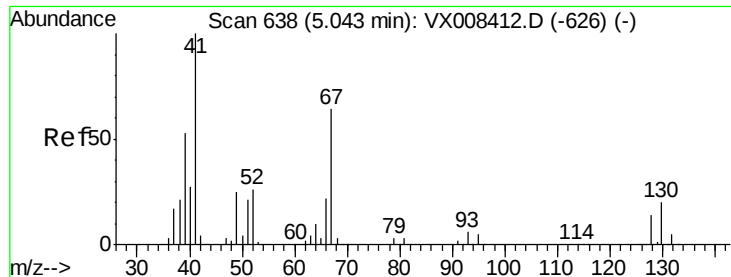
Tot Ion: 83 Resp: 169672
Ion Ratio Lower Upper
83 100
55 84.9 68.2 102.4
98 43.9 34.2 51.4



#40
Benzene
Concen: 46.749 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion: 78 Resp: 442597
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9





#41

Methacrylonitrile

Concen: 51.131 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 117720

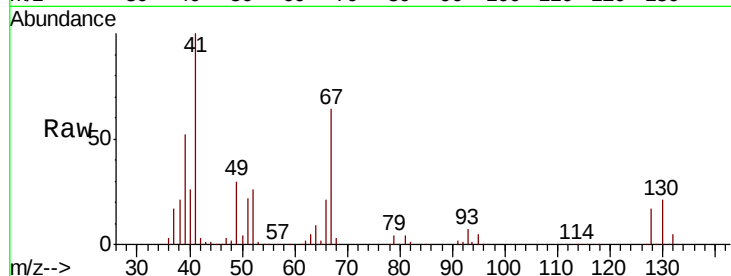
Ion Ratio Lower Upper

41 100

39 53.1 42.6 64.0

67 64.3 52.2 78.4

52 26.2 21.4 32.0

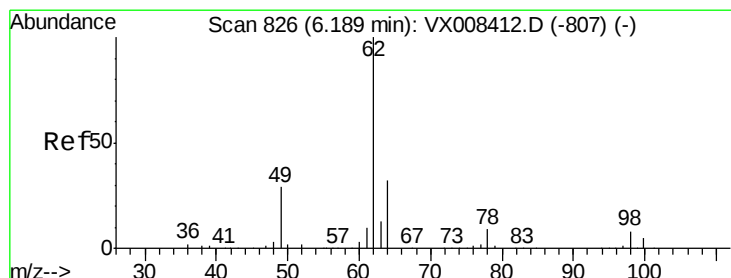
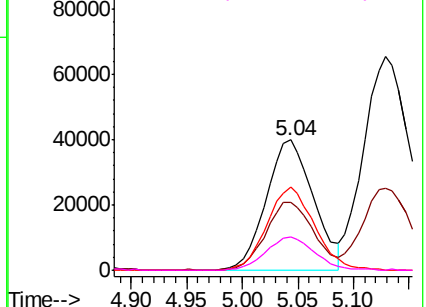
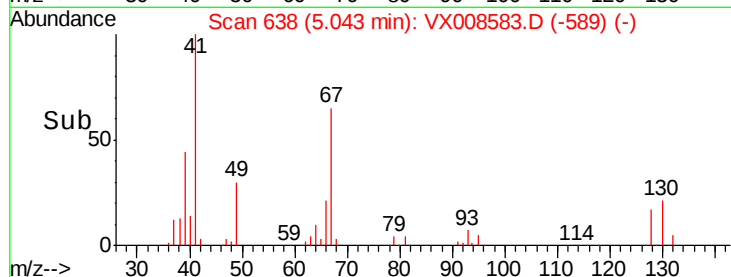


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 45.805 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX008583.D

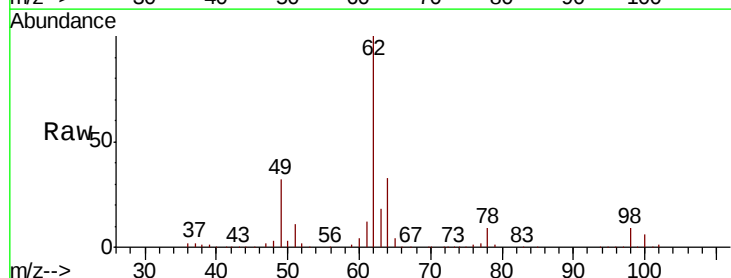
Acq: 01 Apr 2019 20:49

Tgt Ion: 62 Resp: 158775

Ion Ratio Lower Upper

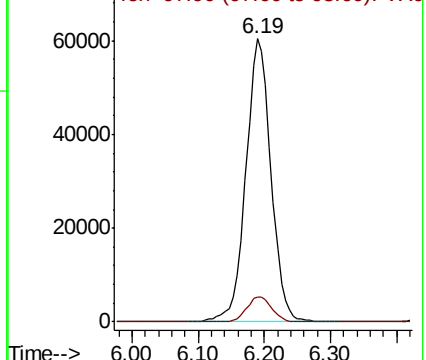
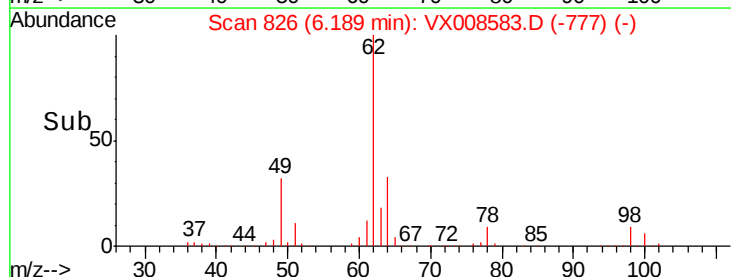
62 100

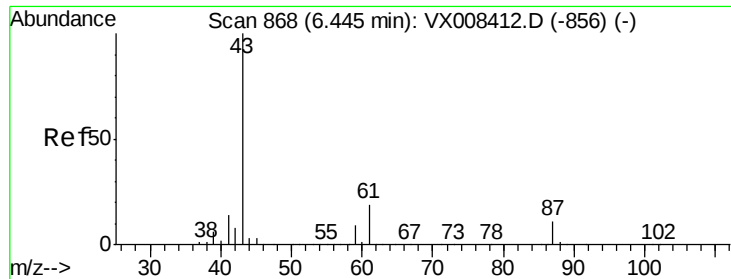
98 8.9 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



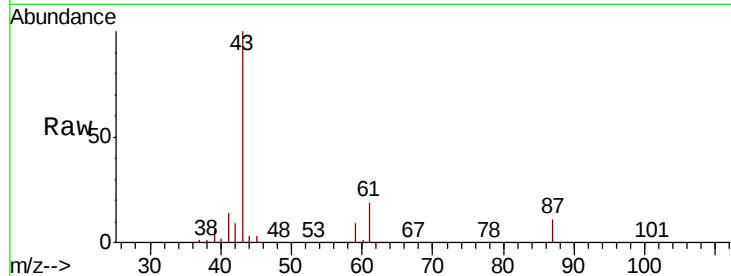


#43

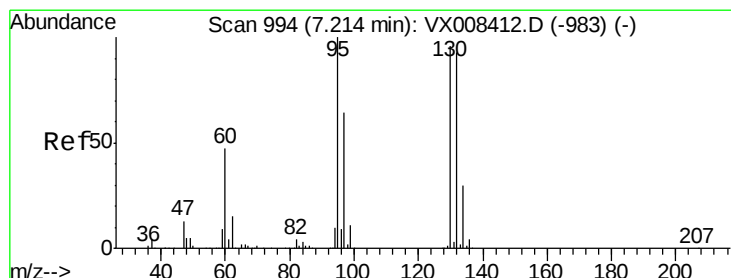
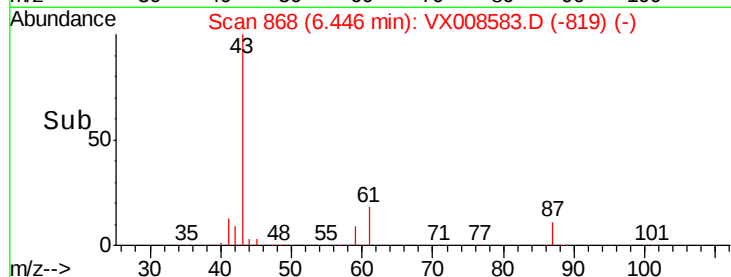
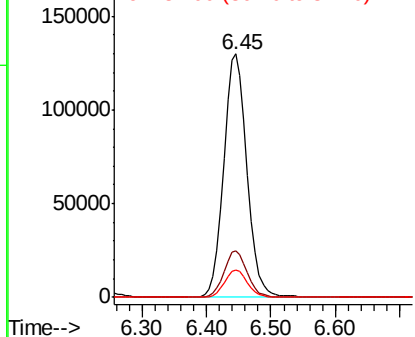
Isopropyl Acetate
 Concen: 50.006 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.4	23.2
87	11.4	9.1	13.7



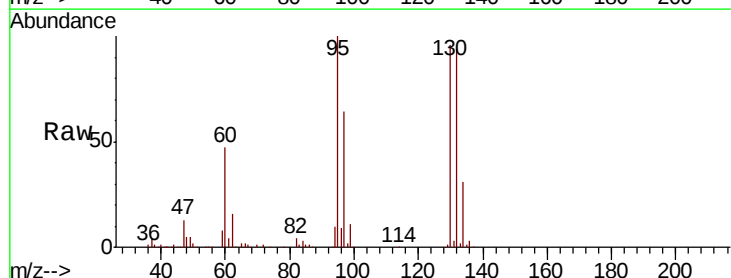
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



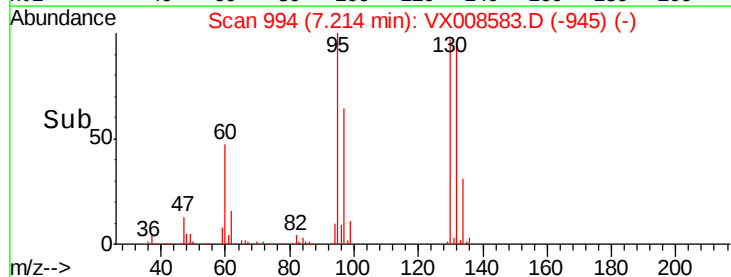
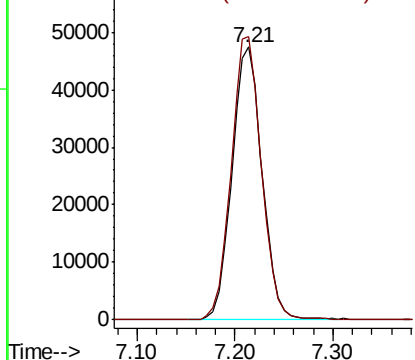
#44

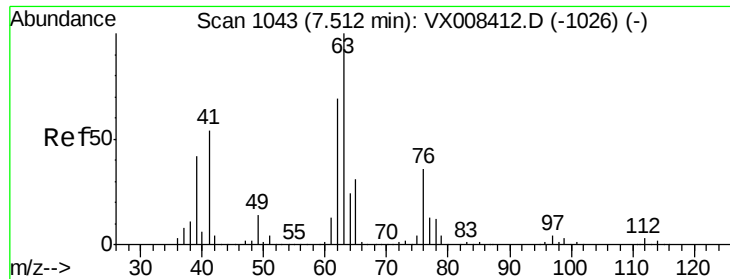
Trichloroethene
 Concen: 45.556 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	208.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

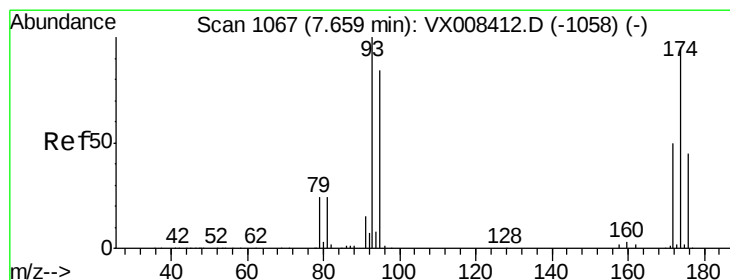
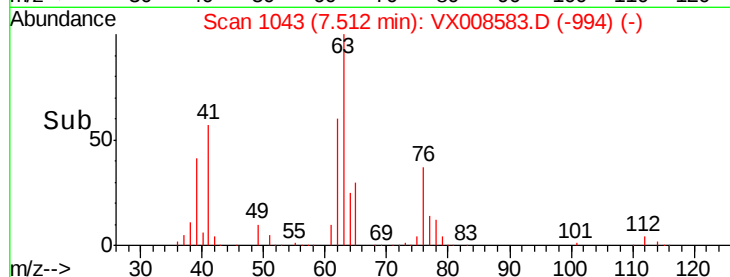
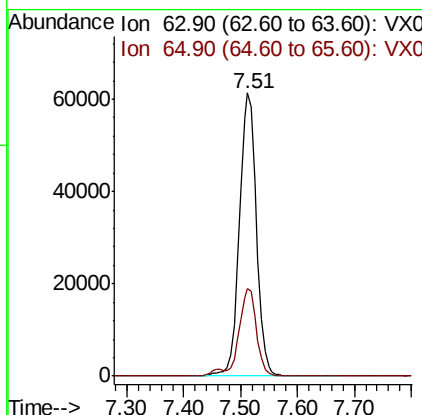
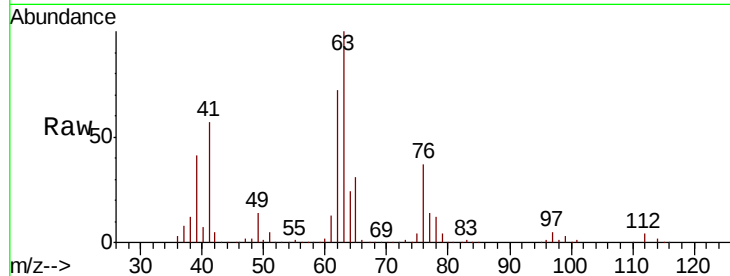




#45
 1,2-Dichloropropane
 Concen: 47.806 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

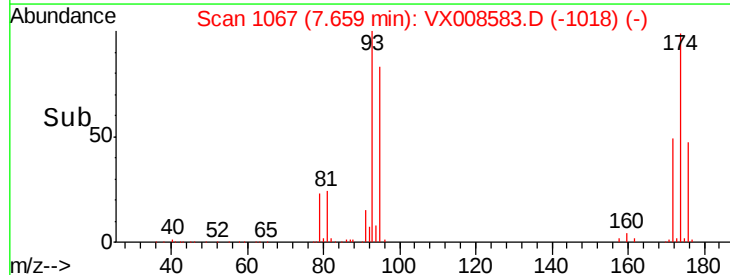
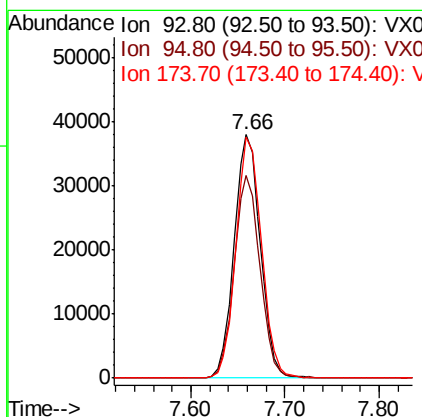
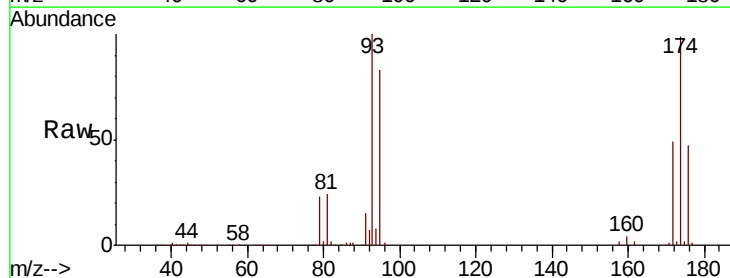
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

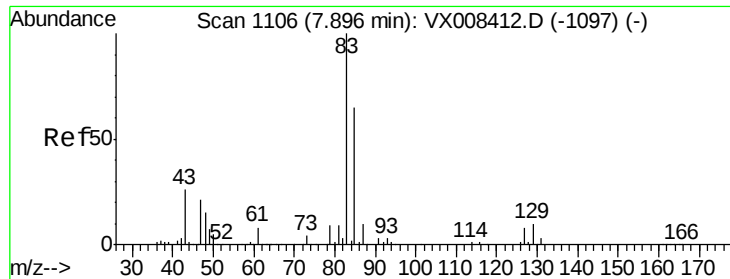
Tot Ion: 63 Resp: 128645
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.1 37.7



#46
 Dibromomethane
 Concen: 46.784 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Tgt Ion: 93 Resp: 73517
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.0 100.6
 174 97.1 76.0 114.0





#47

Bromodichloromethane

Concen: 48.765 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

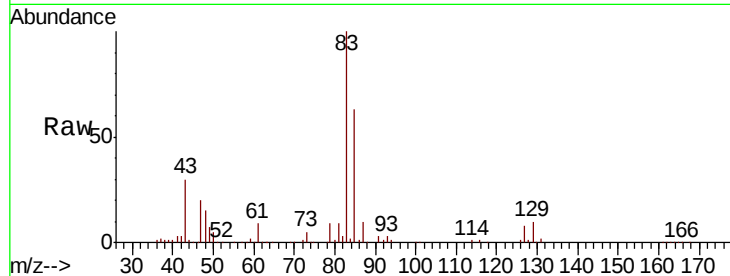
Tot Ion: 83 Resp: 146676

Ion Ratio Lower Upper

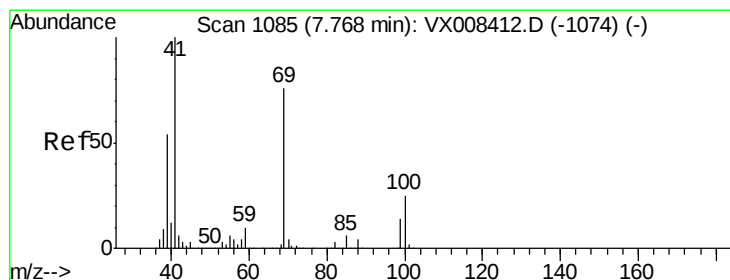
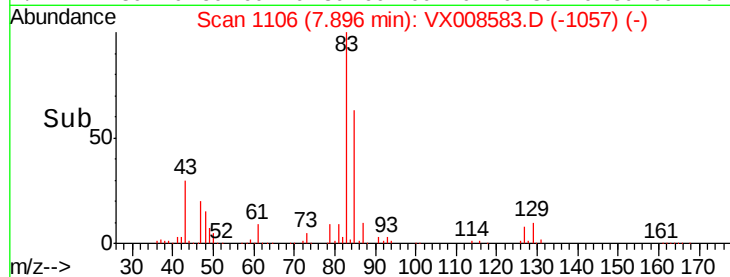
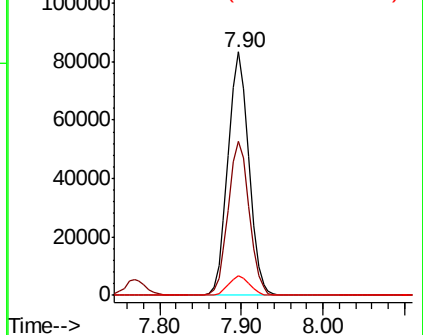
83 100

85 63.3 52.0 78.0

127 8.2 6.4 9.6



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: 50.689 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

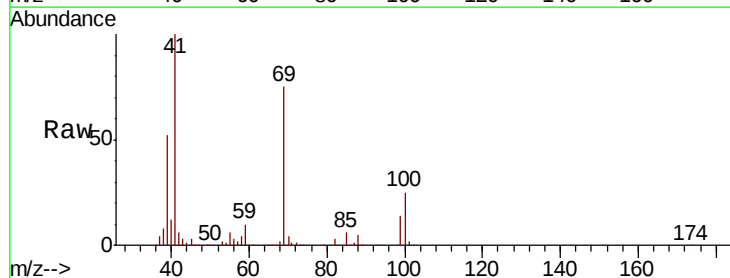
Tgt Ion: 41 Resp: 166198

Ion Ratio Lower Upper

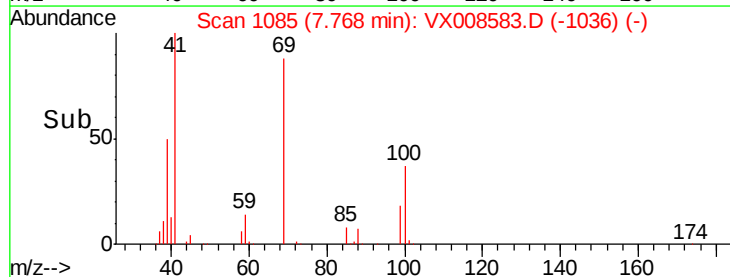
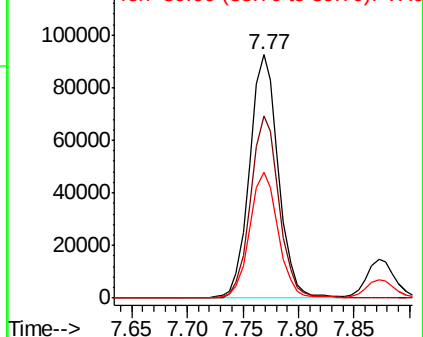
41 100

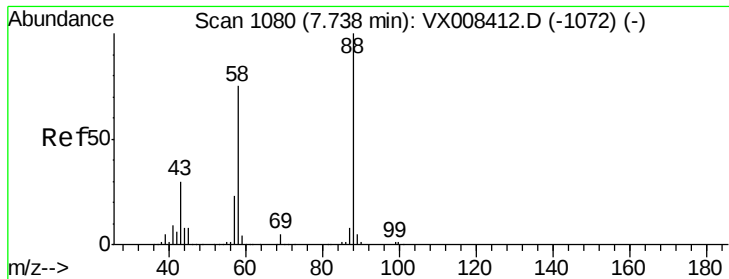
69 74.4 60.8 91.2

39 51.2 42.3 63.5



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: 902.233 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

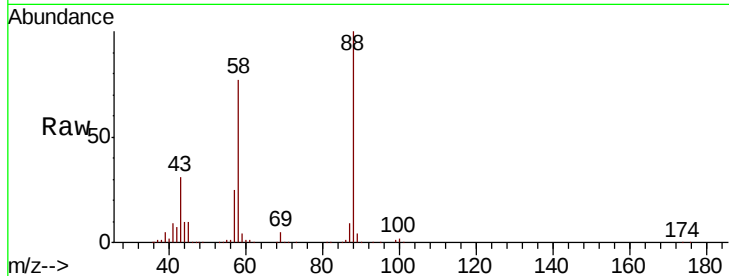
Tot Ion: 88 Resp: 58820

Ion Ratio Lower Upper

88 100

43 36.7 28.6 43.0

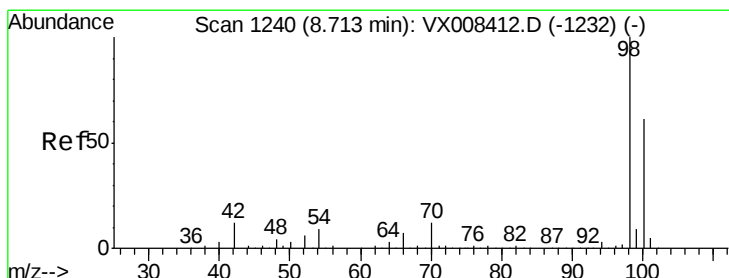
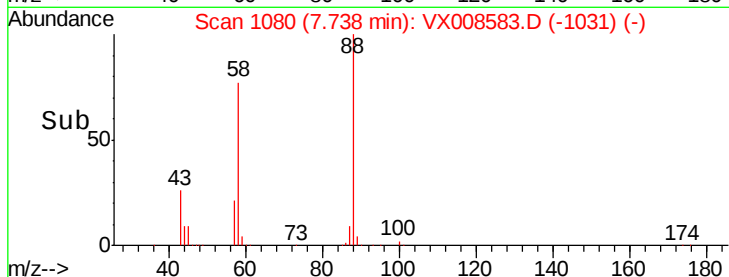
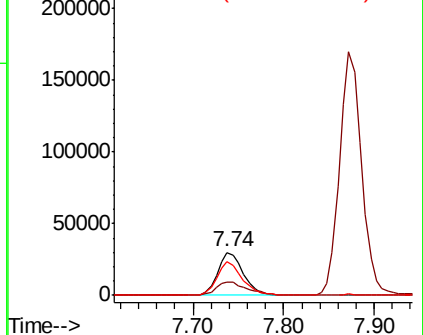
58 78.7 63.0 94.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.738 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008583.D

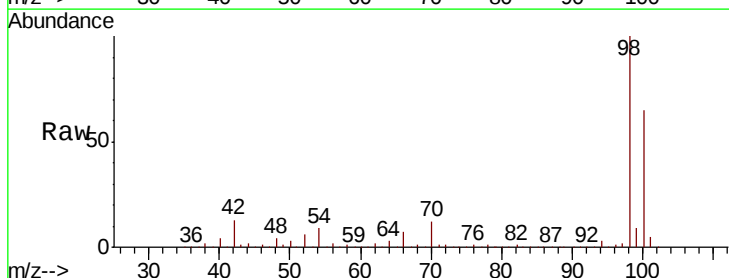
Acq: 01 Apr 2019 20:49

Tgt Ion: 98 Resp: 384625

Ion Ratio Lower Upper

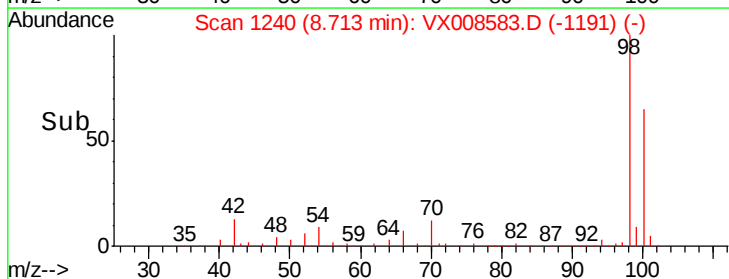
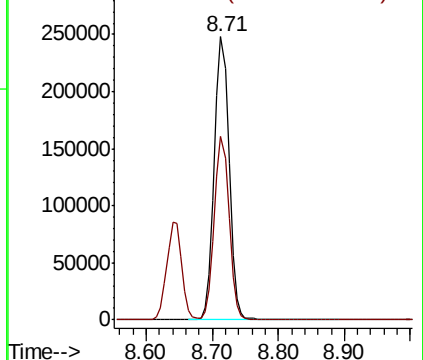
98 100

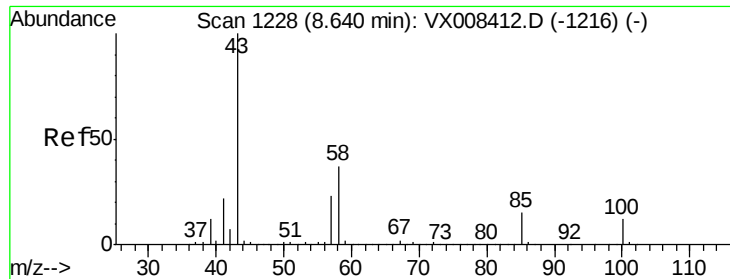
100 64.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

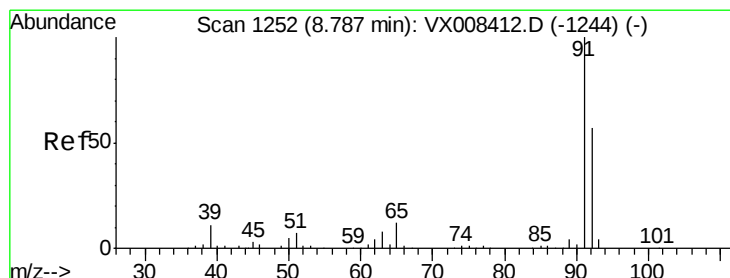
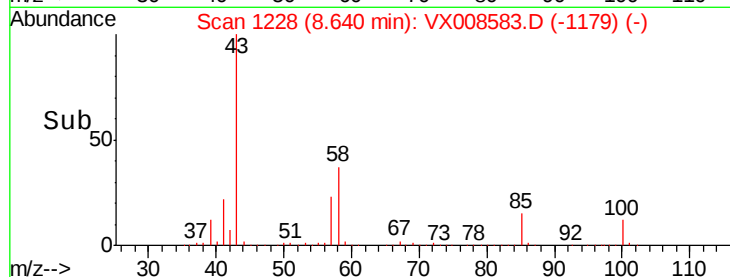
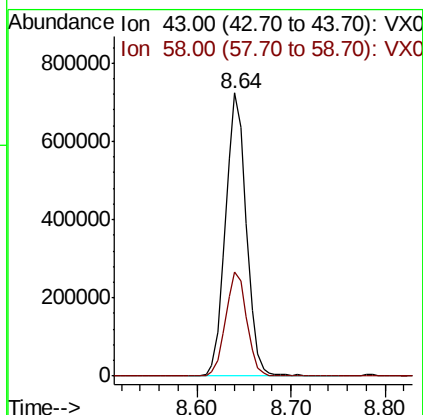
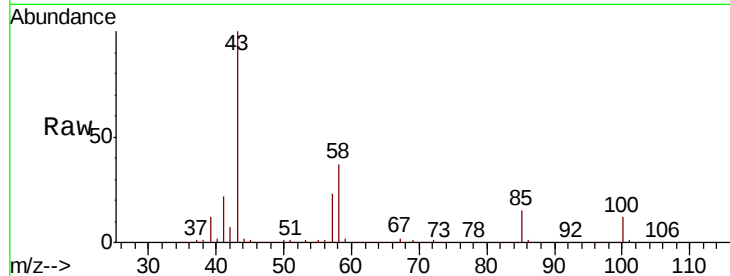




#51
 4-Methyl-2-Pentanone
 Concen: 260.138 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

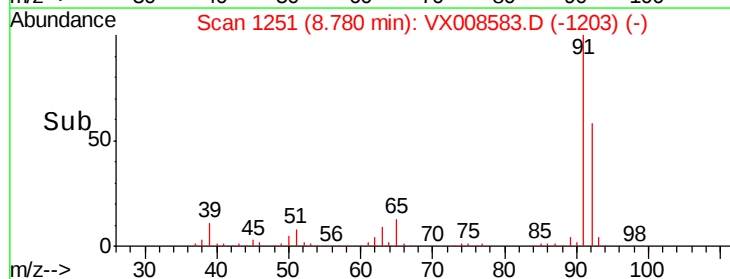
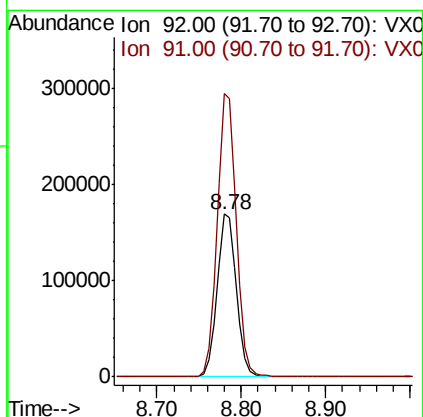
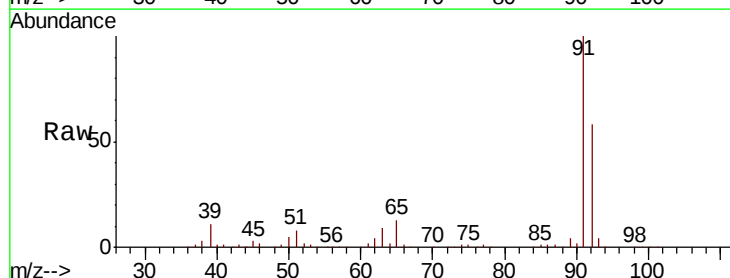
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

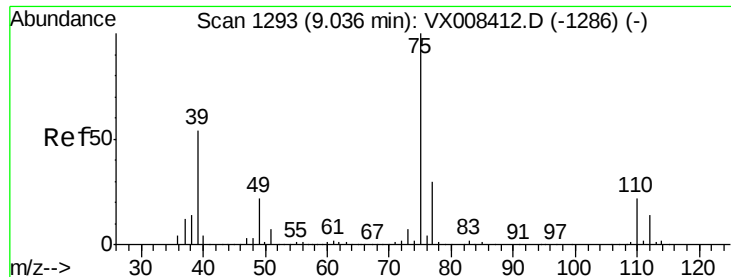
Tot Ion: 43 Resp: 1107189
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.8 44.8



#52
 Toluene
 Concen: 47.162 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Tgt Ion: 92 Resp: 266973
 Ion Ratio Lower Upper
 92 100
 91 173.2 140.2 210.4

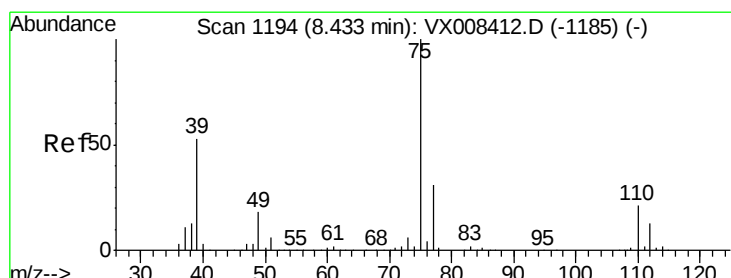
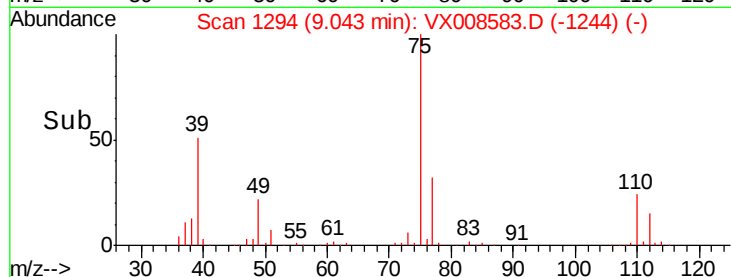
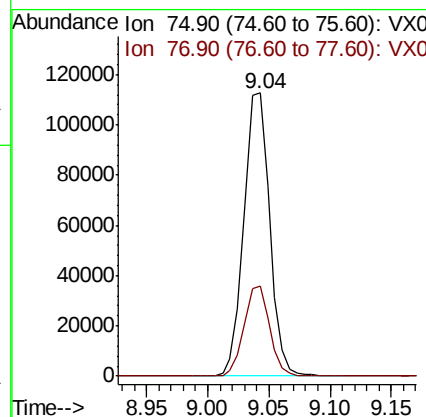
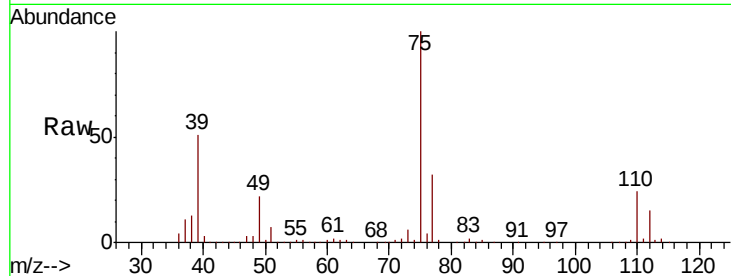




#53
 t-1,3-Dichloropropene
 Concen: 50.168 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

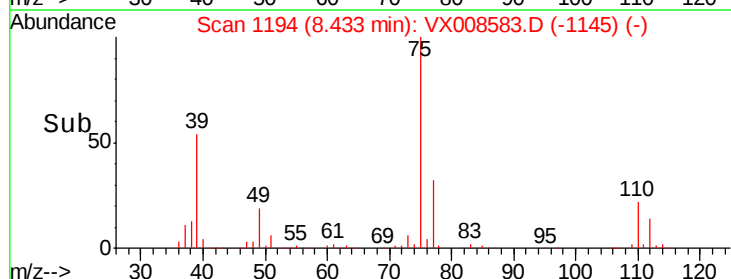
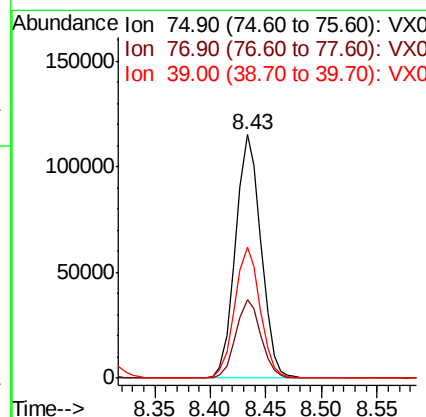
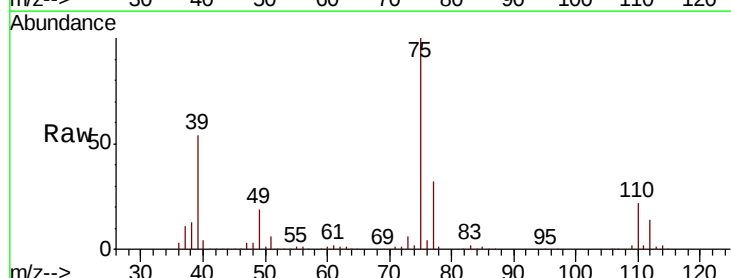
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

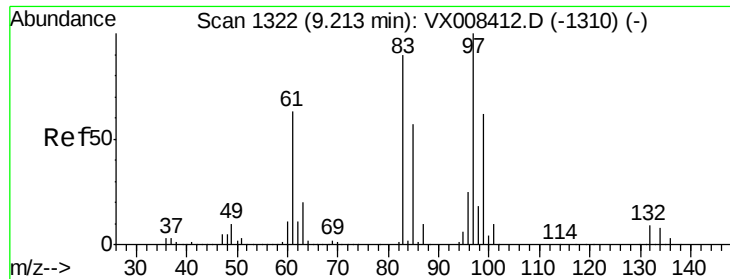
Tot Ion: 75 Resp: 165277
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 48.847 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Tgt Ion: 75 Resp: 182992
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.7 37.1
 39 53.7 42.4 63.6

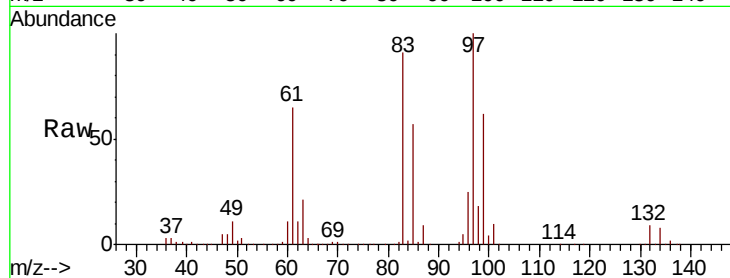




#55
 1,1,2-Trichloroethane
 Concen: 48.643 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	112090
Ion	Ratio	Lower	Upper
97	100		
83	91.4	71.8	107.6
85	56.7	45.9	68.9
99	62.0	49.4	74.0



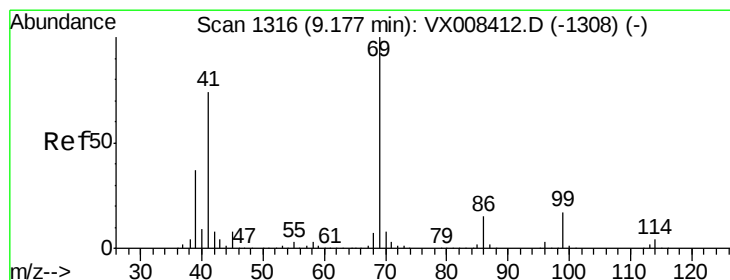
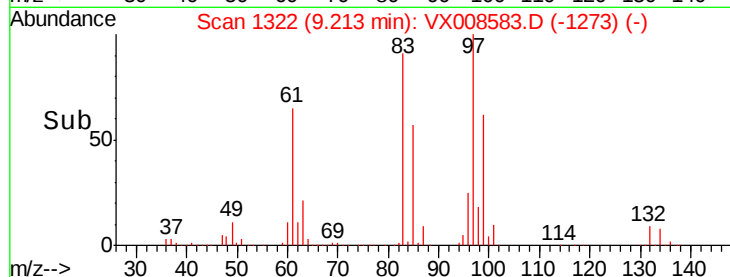
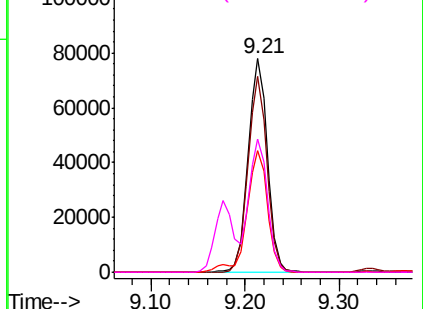
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

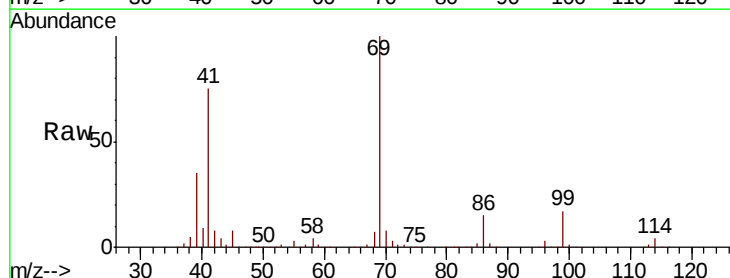
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 50.682 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Tgt Ion:	69	Resp:	210812
Ion	Ratio	Lower	Upper
69	100		
41	74.5	59.5	89.3
39	35.8	29.3	43.9

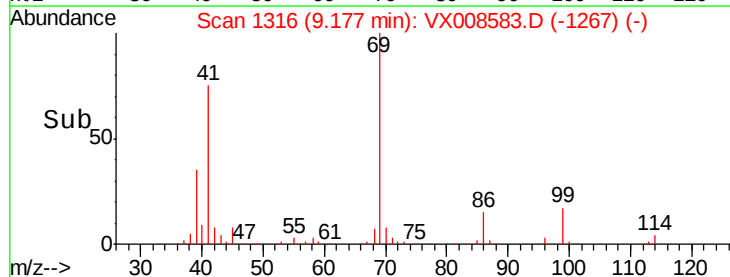
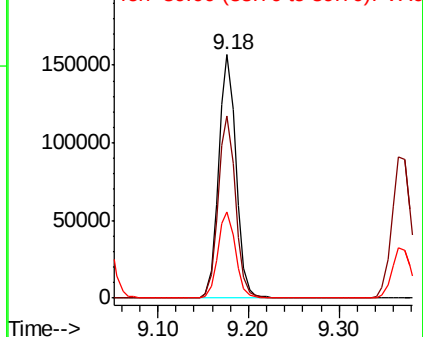


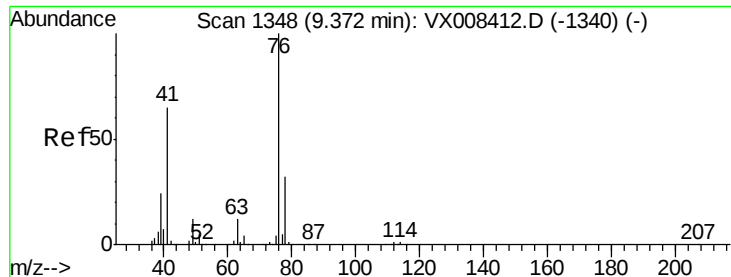
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 47.739 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

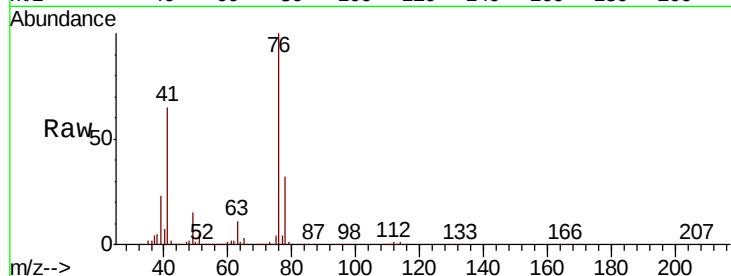
VSTDCCC050EC

Tot Ion: 76 Resp: 197232

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

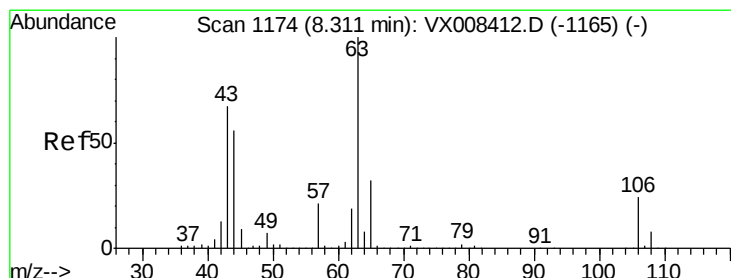
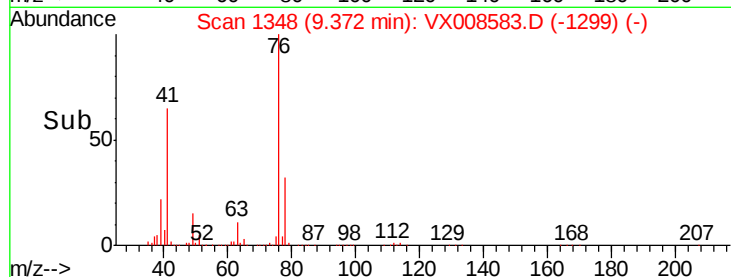
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 257.125 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008583.D

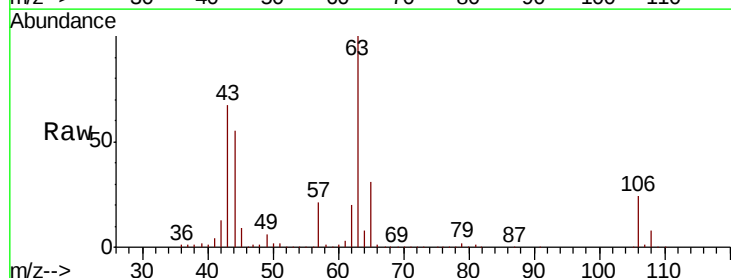
Acq: 01 Apr 2019 20:49

Tgt Ion: 63 Resp: 552853

Ion Ratio Lower Upper

63 100

106 23.8 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

400000

300000

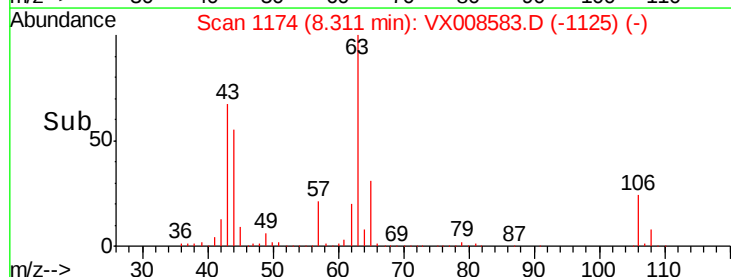
200000

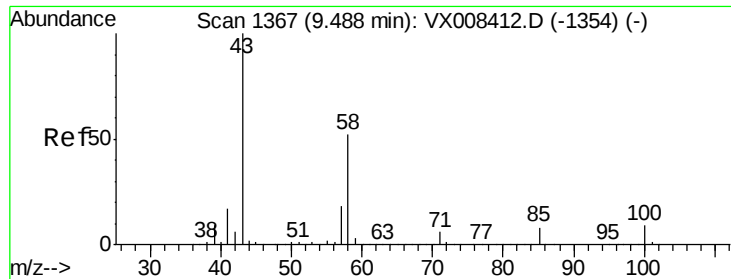
100000

0

8.20 8.30 8.40

Time-->

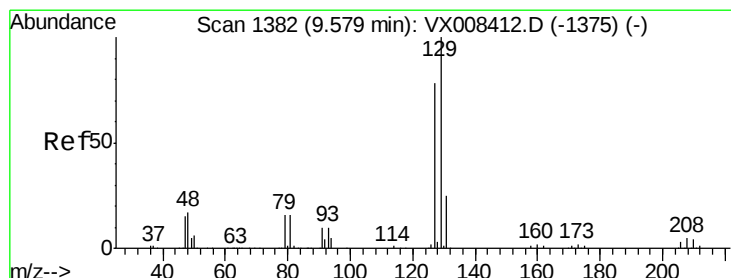
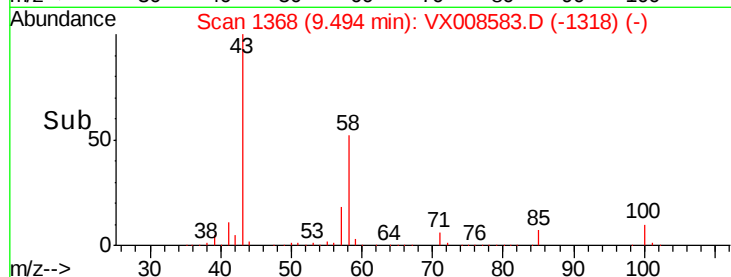
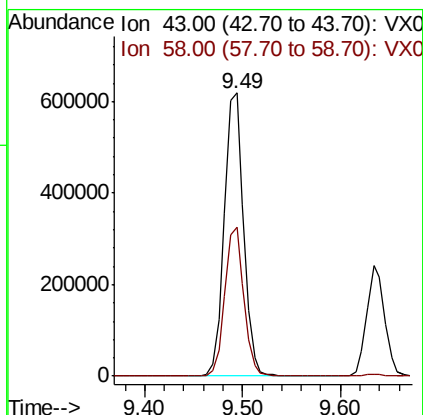
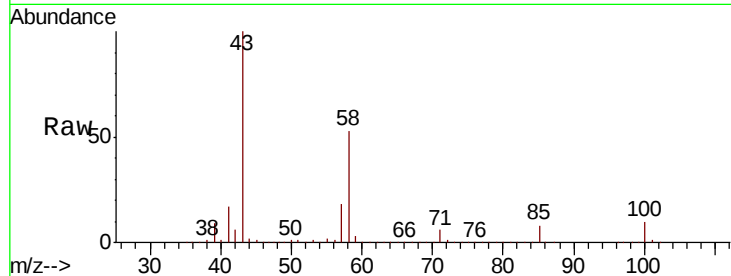




#59
2-Hexanone
Concen: 257.095 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

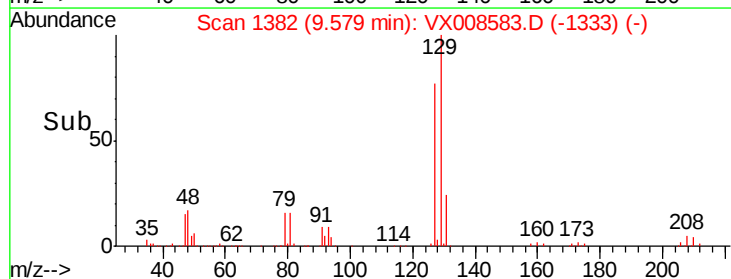
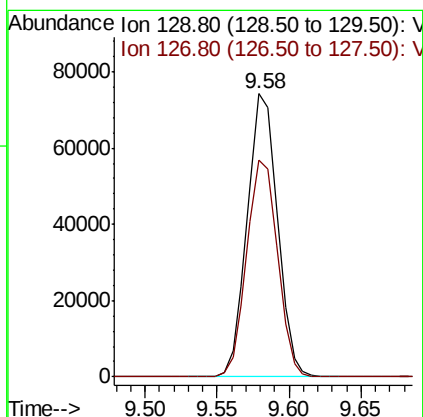
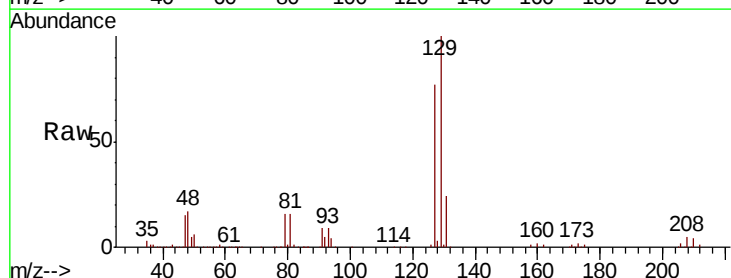
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

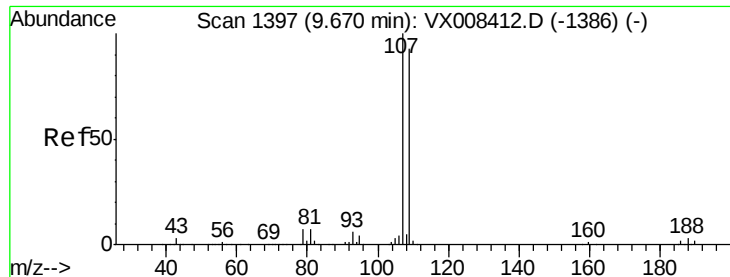
Tot Ion: 43 Resp: 847874
Ion Ratio Lower Upper
43 100
58 52.0 26.3 78.9



#60
Dibromochloromethane
Concen: 49.307 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion:129 Resp: 108054
Ion Ratio Lower Upper
129 100
127 77.9 38.1 114.3





#61

1,2-Dibromoethane

Concen: 48.194 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

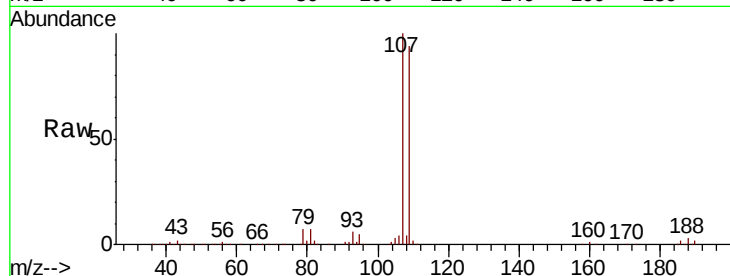
VSTDCCC050EC

Tot Ion: 107 Resp: 113335

Ion Ratio Lower Upper

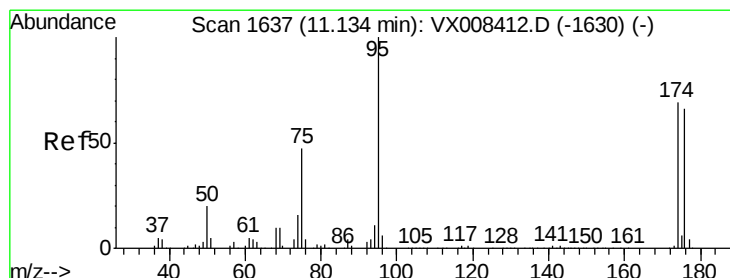
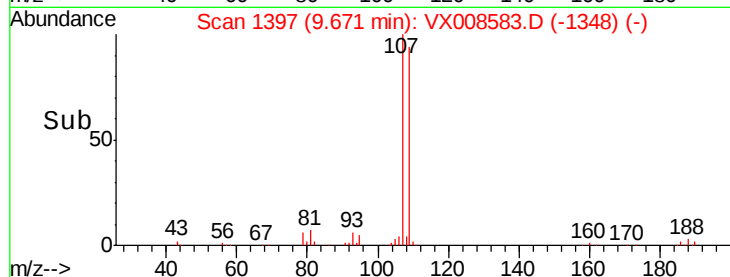
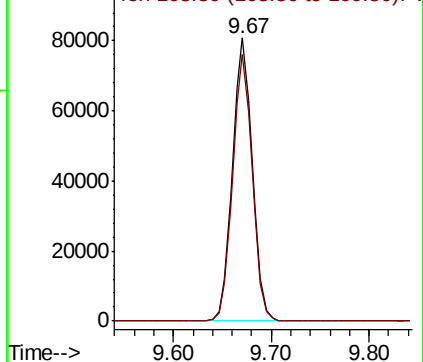
107 100

109 93.7 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.765 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

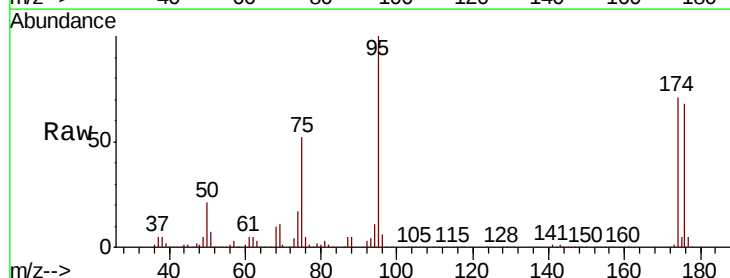
Tgt Ion: 95 Resp: 145471

Ion Ratio Lower Upper

95 100

174 75.8 0.0 147.2

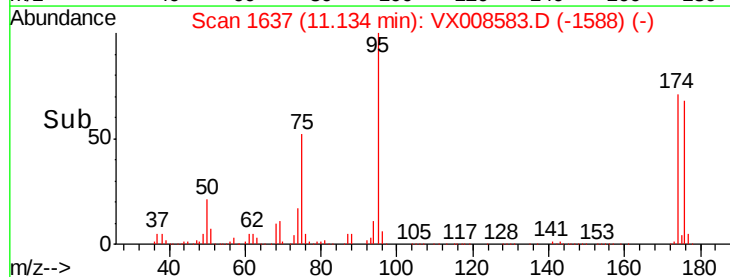
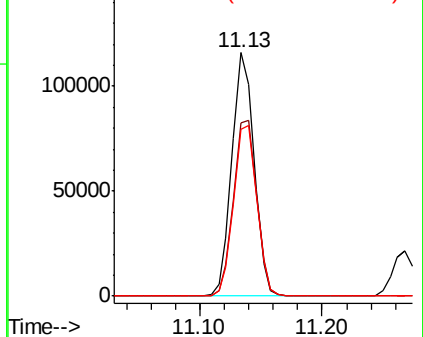
176 72.9 0.0 142.4

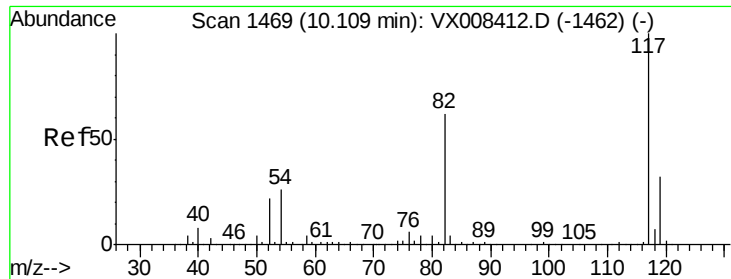


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

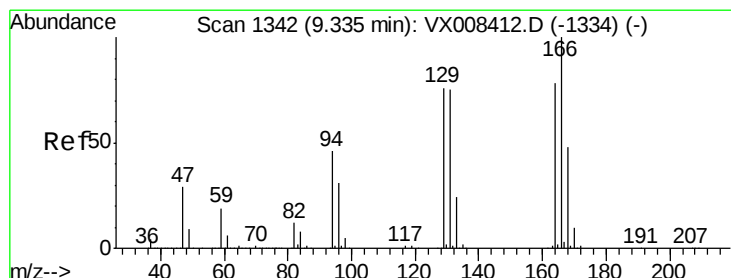
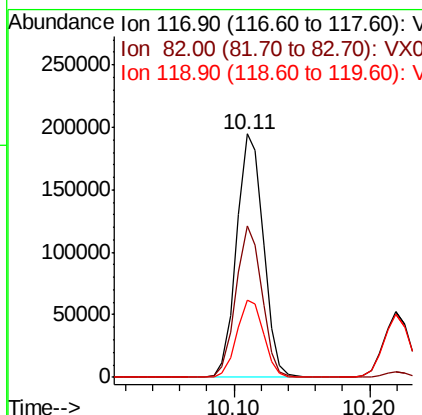
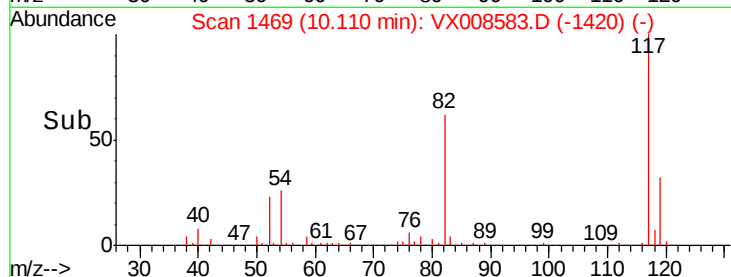
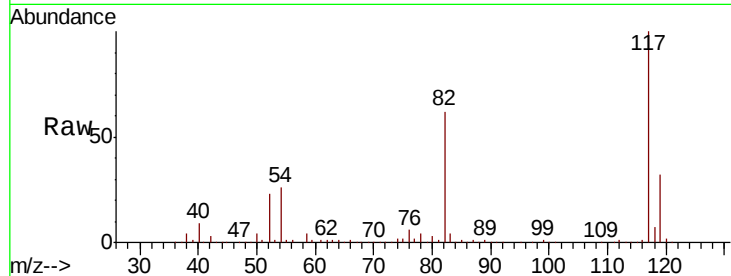




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

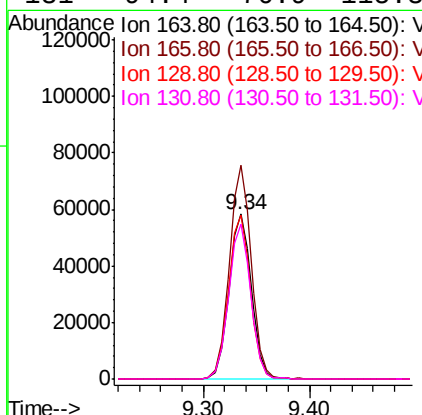
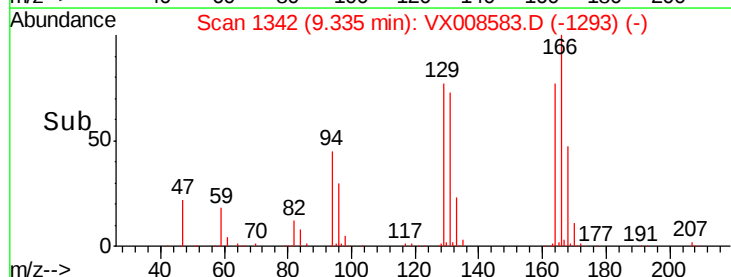
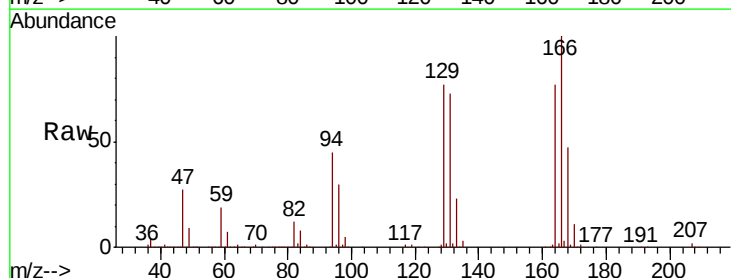
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

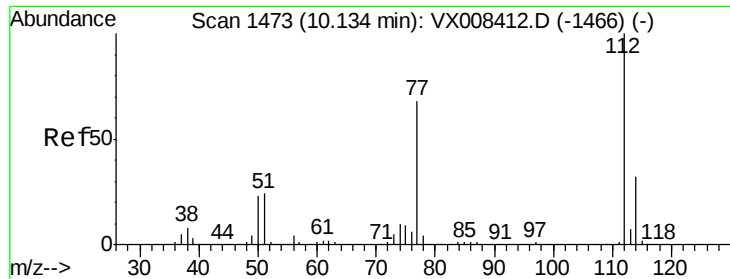
Tot Ion:117 Resp: 266860
Ion Ratio Lower Upper
117 100
82 62.3 49.4 74.2
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 47.471 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion:164 Resp: 85763
Ion Ratio Lower Upper
164 100
166 129.6 102.5 153.7
129 99.2 77.8 116.8
131 94.4 76.9 115.3

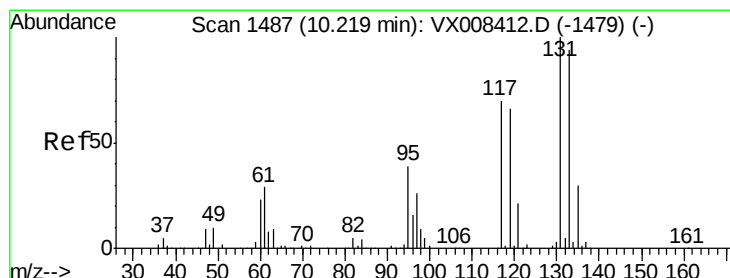
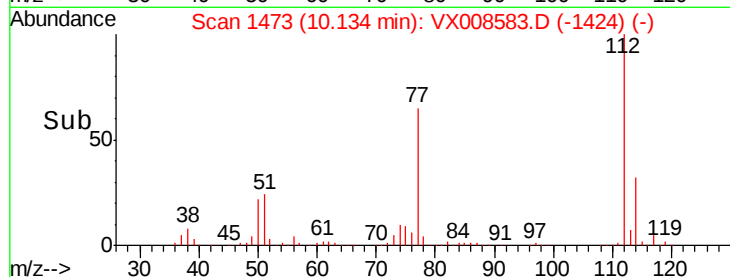
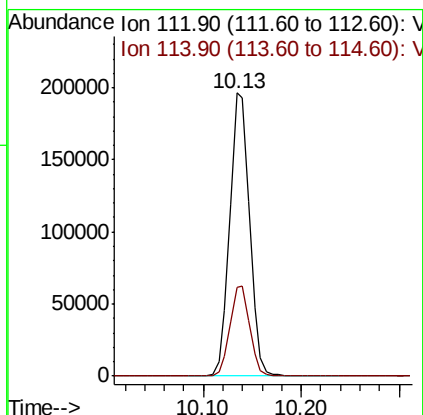
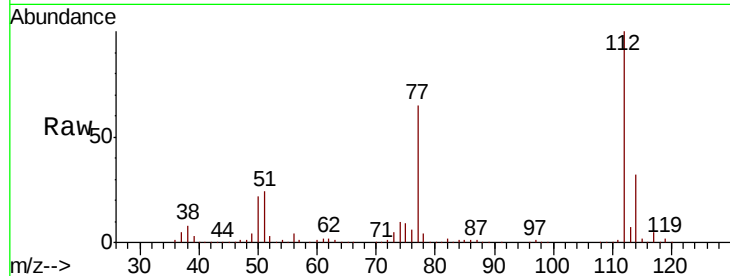




#65
Chlorobenzene
Concen: 47.591 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

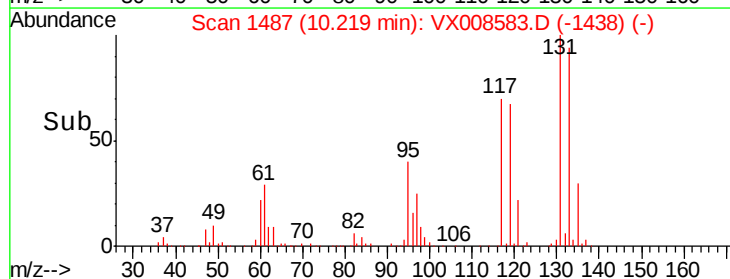
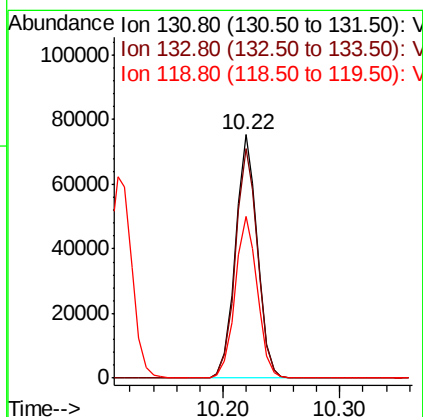
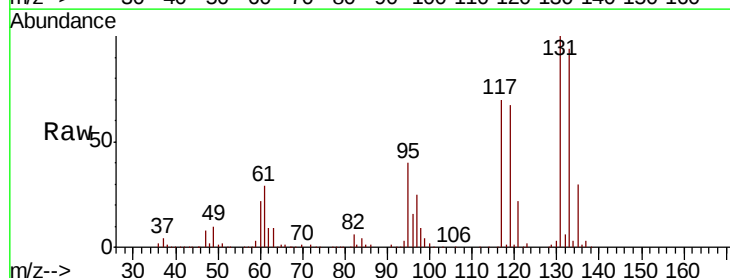
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

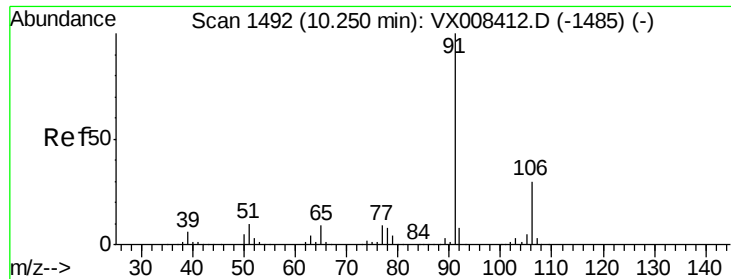
Tot Ion:112 Resp: 276189
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.275 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion:131 Resp: 98661
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.8
119 67.9 33.6 100.6

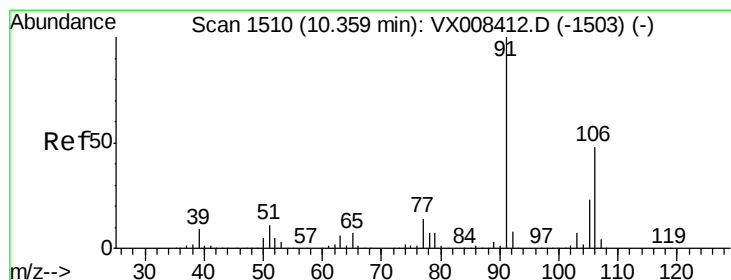
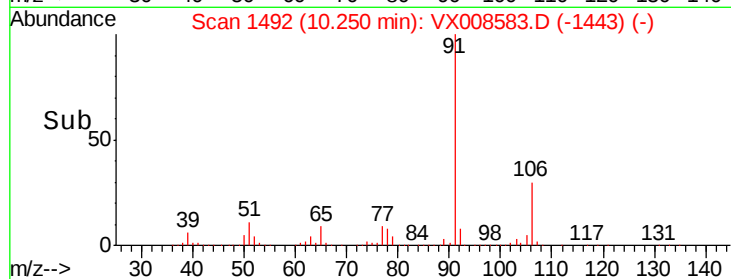
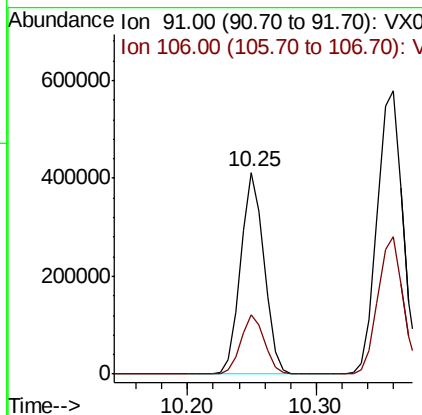
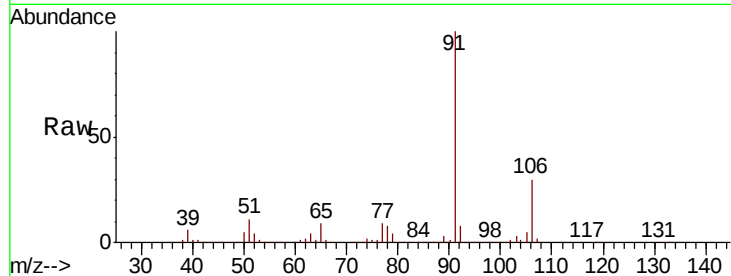




#67
Ethyl Benzene
Concen: 47.409 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

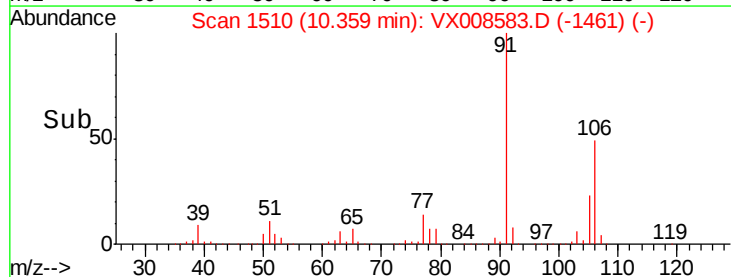
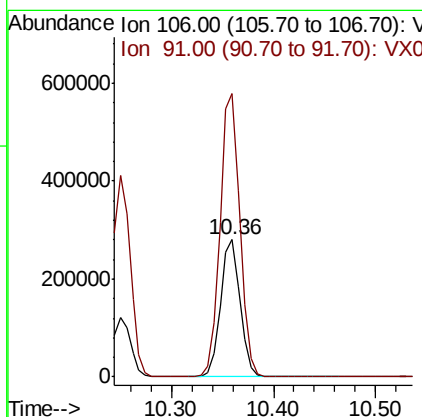
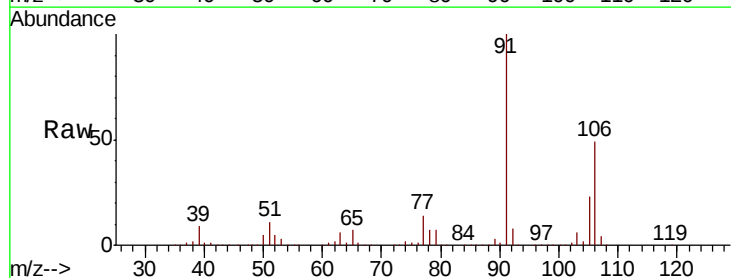
Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

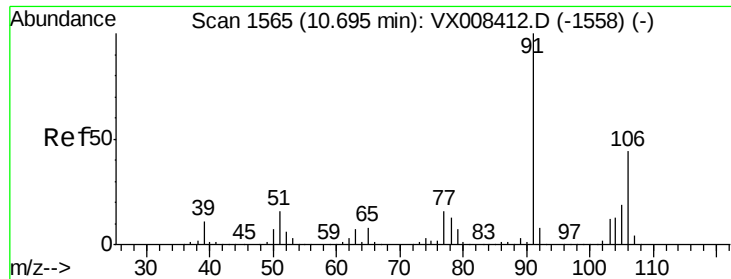
Tot Ion: 91 Resp: 519261
Ion Ratio Lower Upper
91 100
106 29.8 24.0 36.0



#68
m/p-Xylenes
Concen: 94.603 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion: 106 Resp: 376951
Ion Ratio Lower Upper
106 100
91 209.3 168.6 253.0

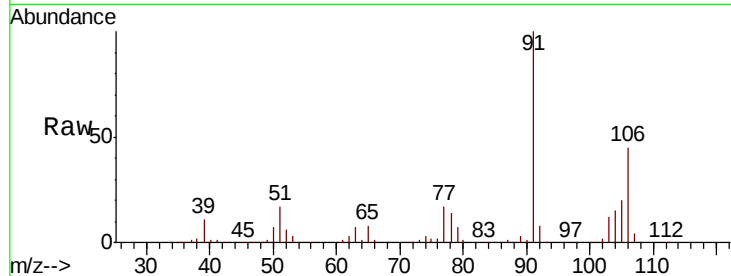




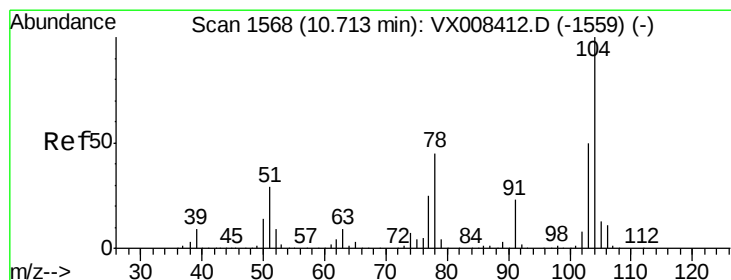
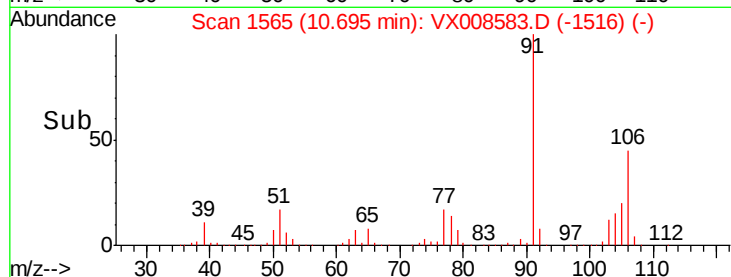
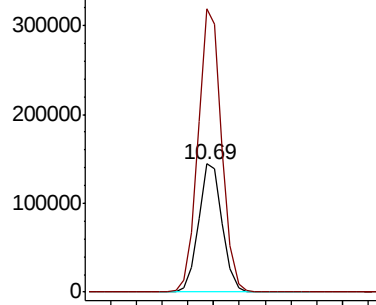
#69
o-Xylene
Concen: 48.326 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 186865
Ion Ratio Lower Upper
106 100
91 218.7 111.4 334.2

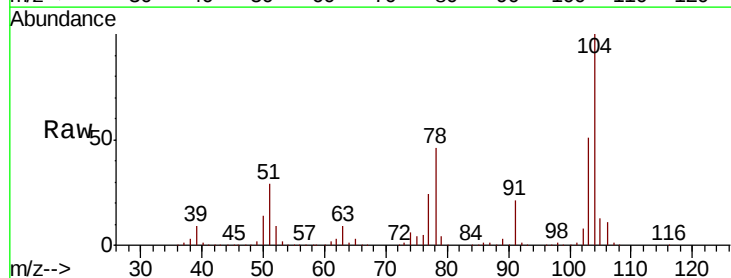


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

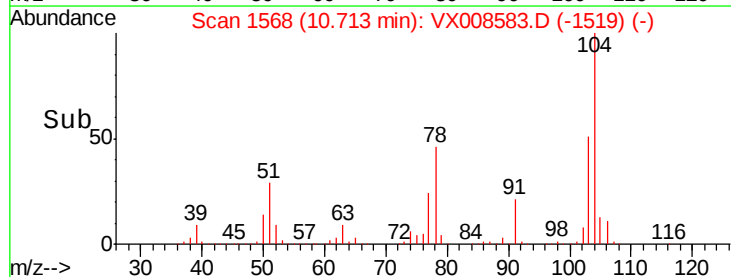
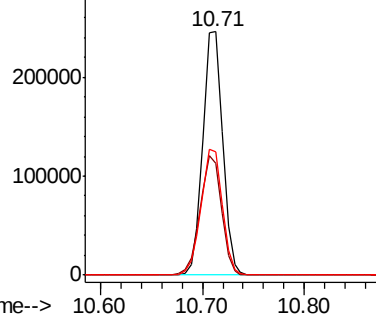


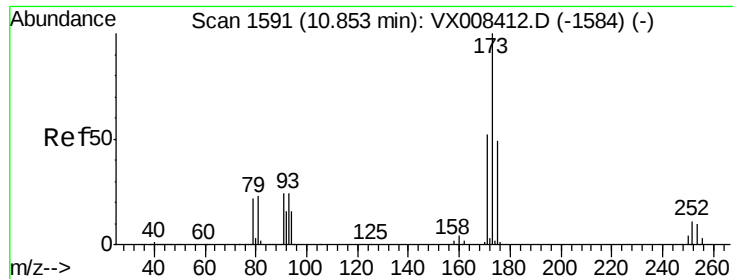
#70
Styrene
Concen: 49.267 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion:104 Resp: 329067
Ion Ratio Lower Upper
104 100
78 52.8 42.5 63.7
103 55.6 44.2 66.4



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: 51.084 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

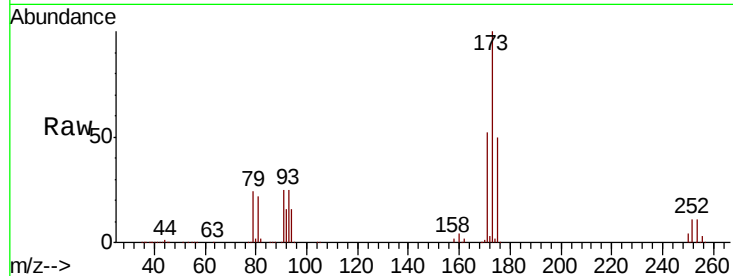
Tot Ion:173 Resp: 80775

Ion Ratio Lower Upper

173 100

175 48.7 24.3 72.8

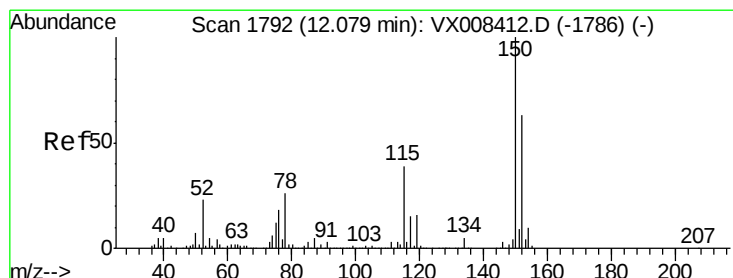
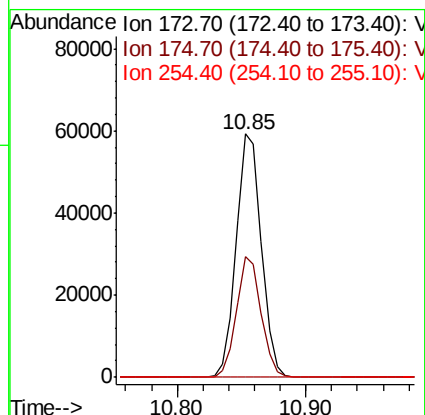
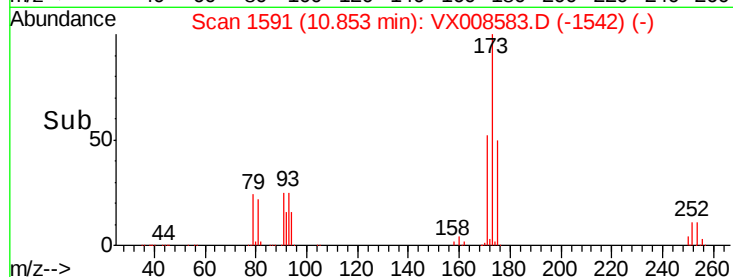
254 0.2 0.2 0.2



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: VX008583.D

Acq: 01 Apr 2019 20:49

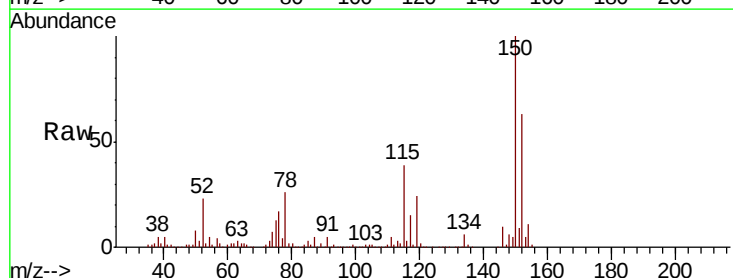
Tgt Ion:152 Resp: 126963

Ion Ratio Lower Upper

152 100

115 86.2 43.5 130.5

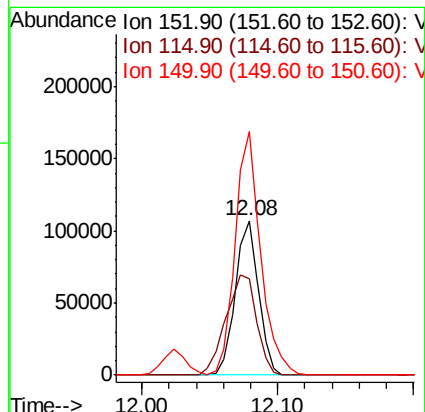
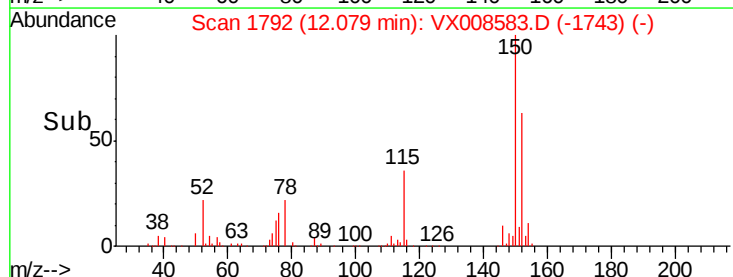
150 173.5 0.0 348.8

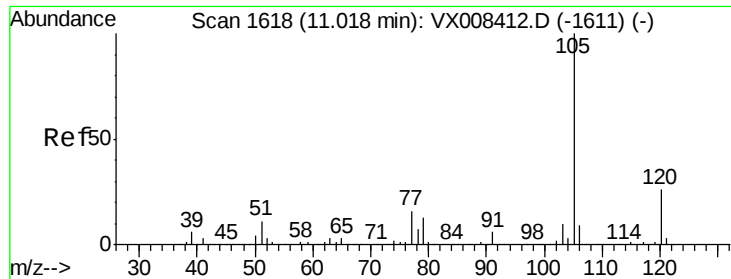


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.686 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

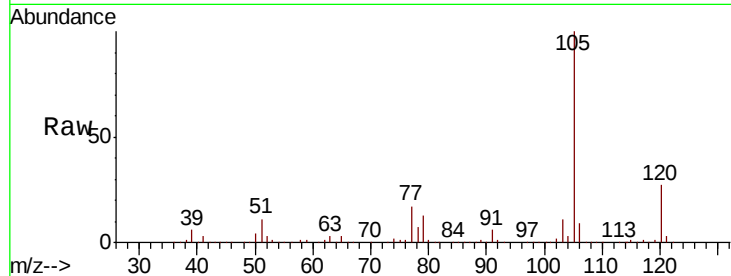
VSTDCCC050EC

Tot Ion:105 Resp: 492548

Ion Ratio Lower Upper

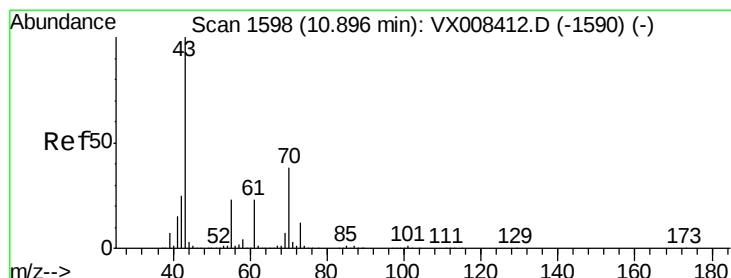
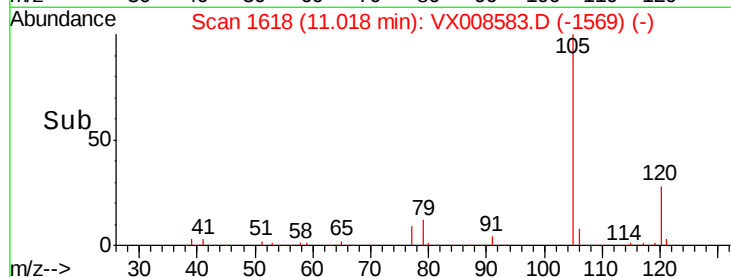
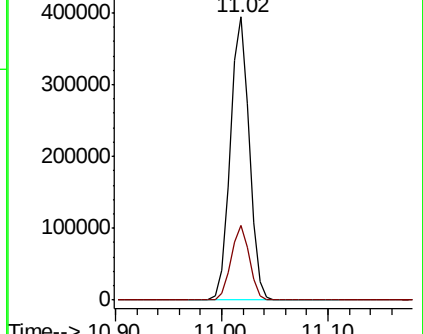
105 100

120 25.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.969 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Tgt Ion: 43 Resp: 298741

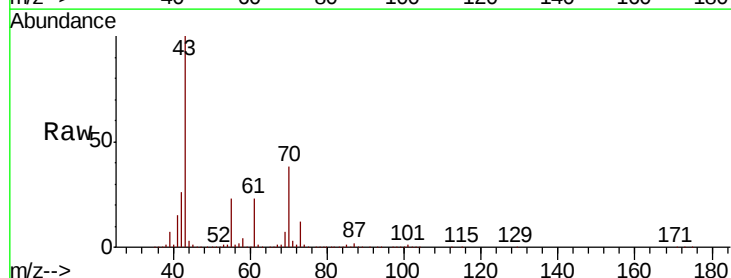
Ion Ratio Lower Upper

43 100

70 37.9 30.5 45.7

55 23.1 18.2 27.2

61 22.9 18.4 27.6

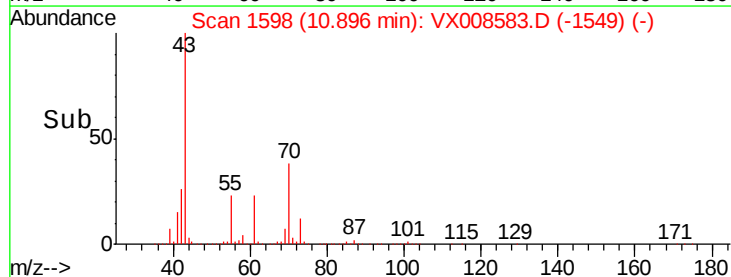
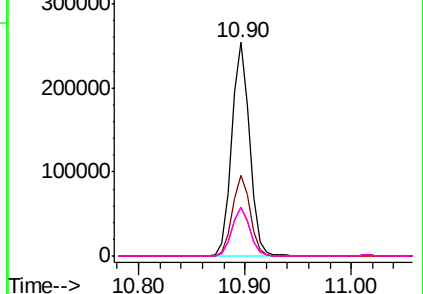


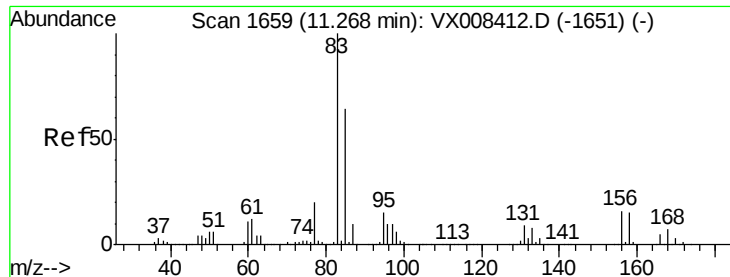
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.694 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

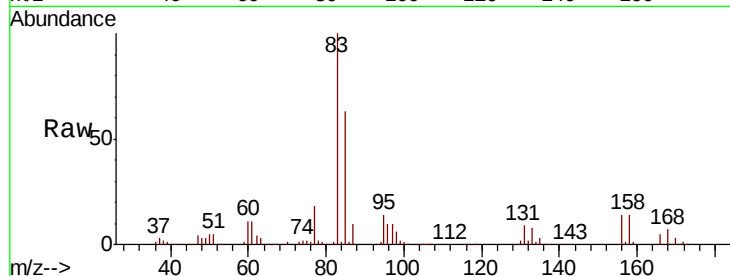
Tot Ion: 83 Resp: 191141

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.4

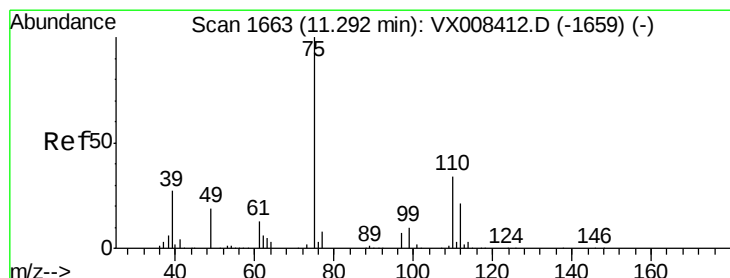
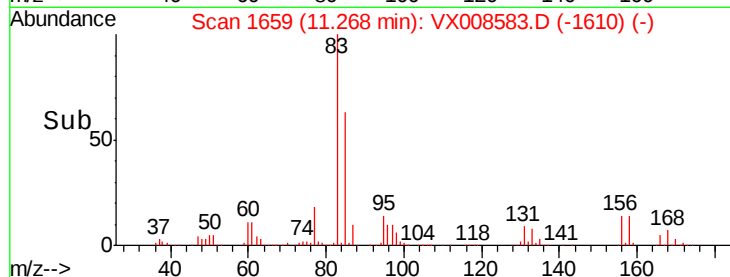
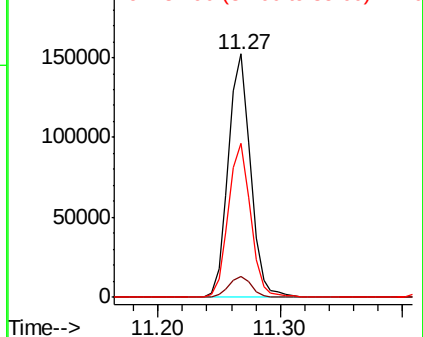
85 63.4 31.9 95.9



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: 58.602 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008583.D

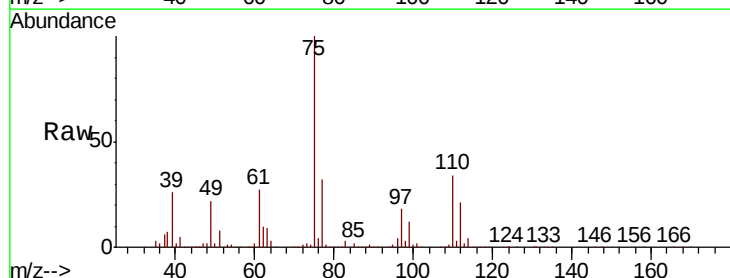
Acq: 01 Apr 2019 20:49

Tgt Ion: 75 Resp: 221192

Ion Ratio Lower Upper

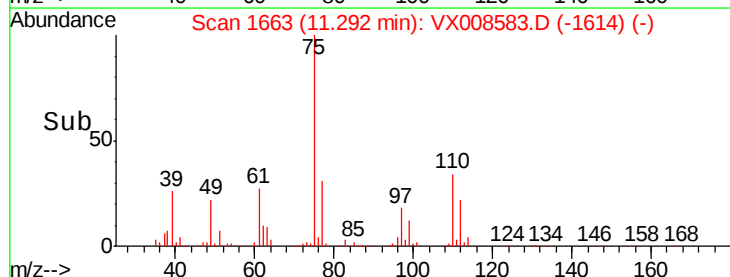
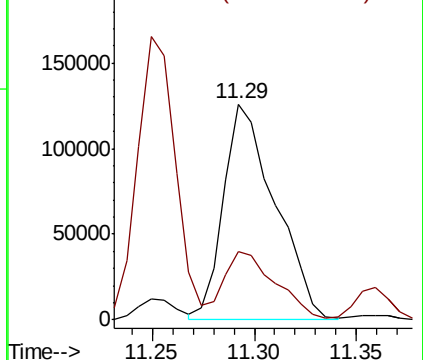
75 100

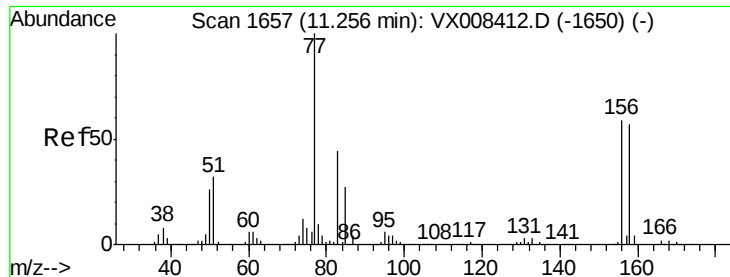
77 31.8 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.064 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

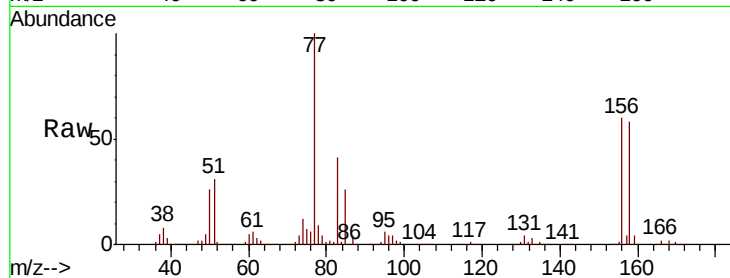
Tot Ion:156 Resp: 117983

Ion Ratio Lower Upper

156 100

77 181.4 91.1 273.3

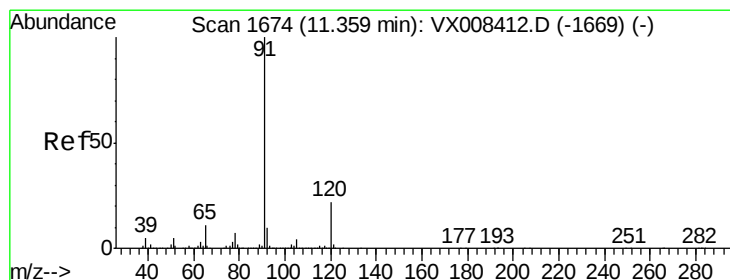
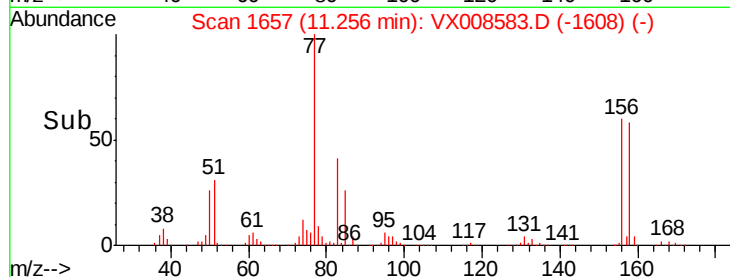
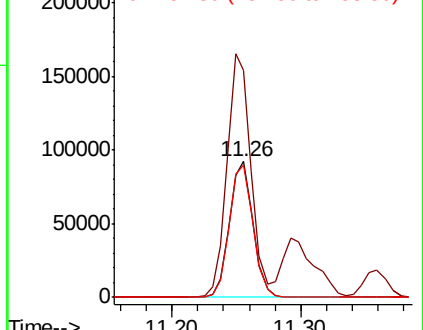
158 98.4 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.527 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008583.D

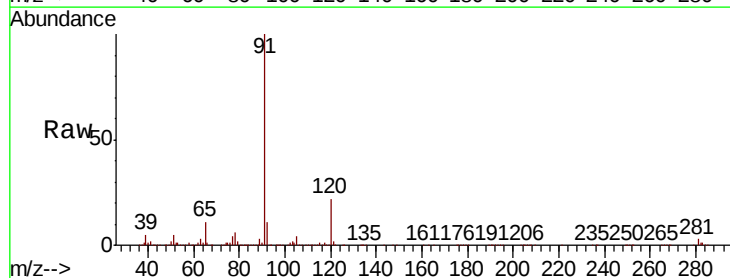
Acq: 01 Apr 2019 20:49

Tgt Ion: 91 Resp: 575065

Ion Ratio Lower Upper

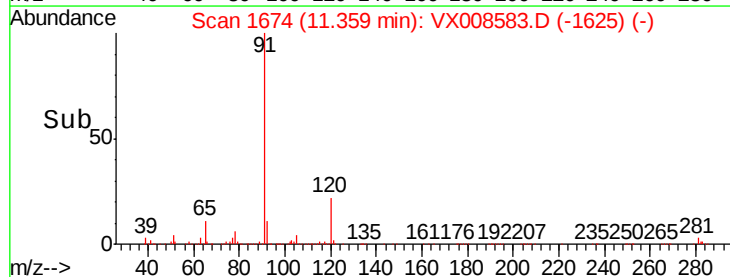
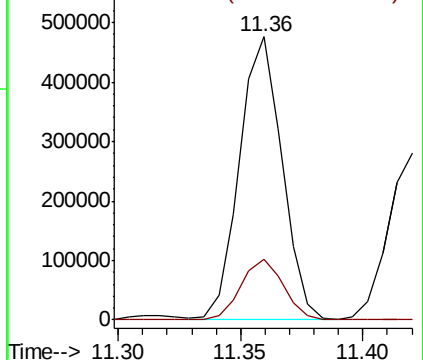
91 100

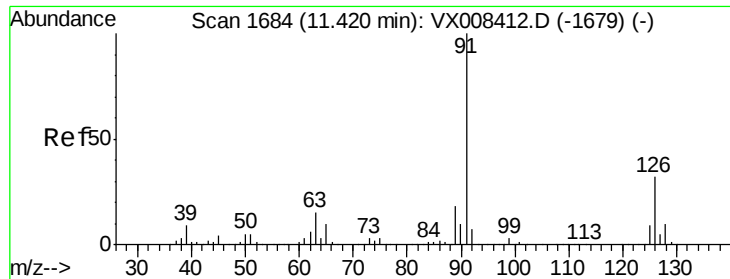
120 21.6 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

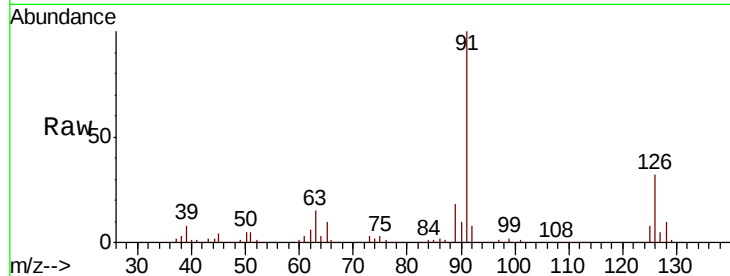




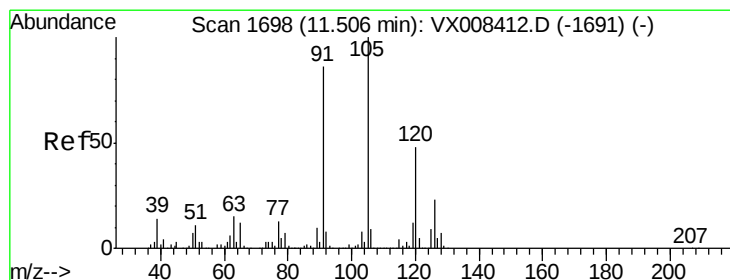
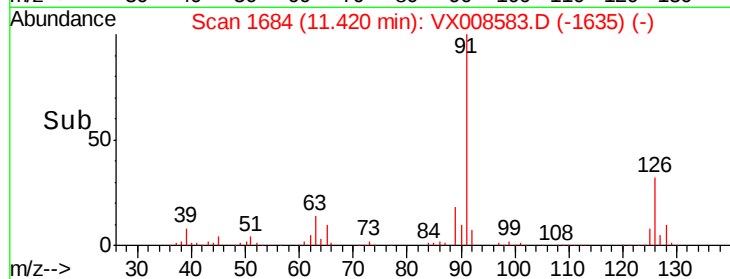
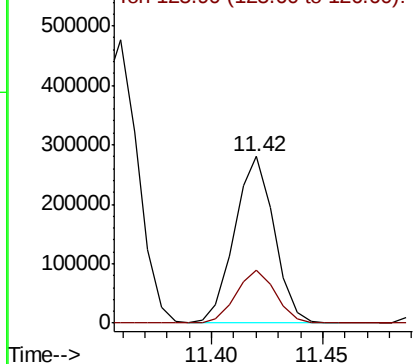
#79
 2-Chlorotoluene
 Concen: 46.984 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 345781
 Ion Ratio Lower Upper
 91 100
 126 31.7 15.7 47.1

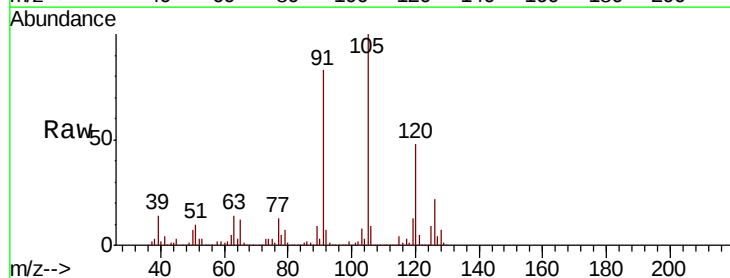


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

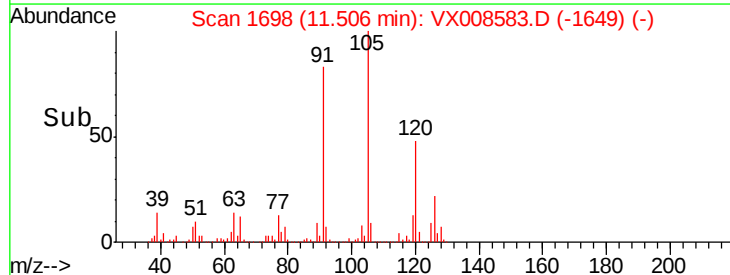
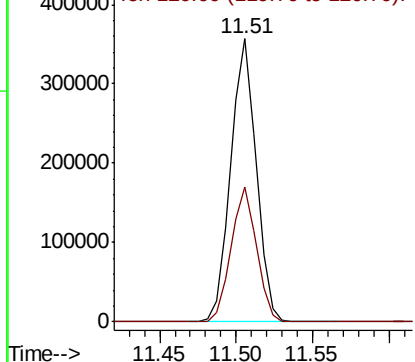


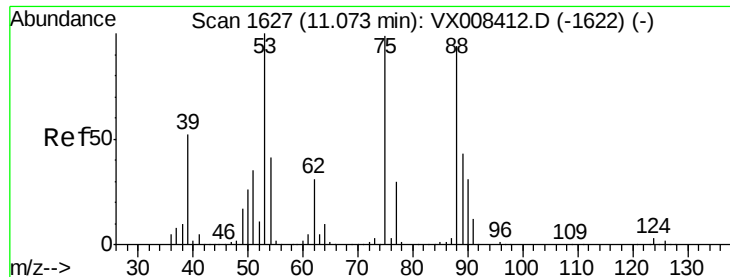
#80
 1,3,5-Trimethylbenzene
 Concen: 47.253 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Tgt Ion:105 Resp: 412633
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.4 70.3



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





#81

trans-1,4-Dichloro-2-butene

Concen: 51.888 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

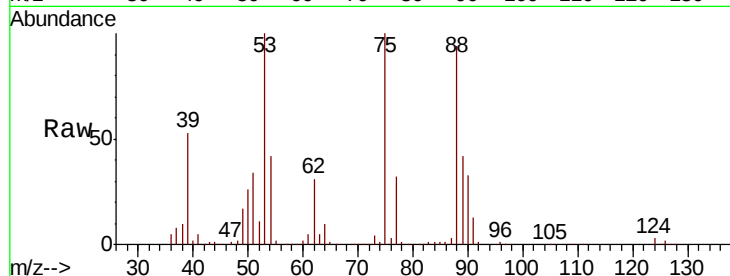
Tot Ion: 75 Resp: 61149

Ion Ratio Lower Upper

75 100

53 102.8 82.1 123.1

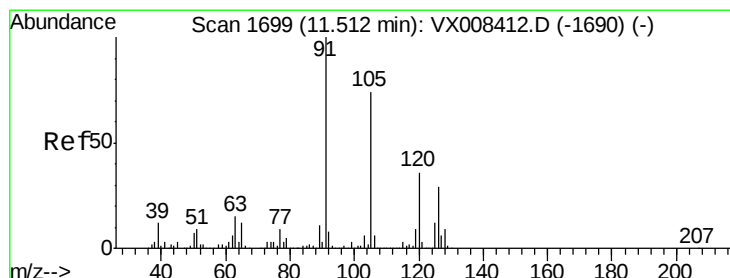
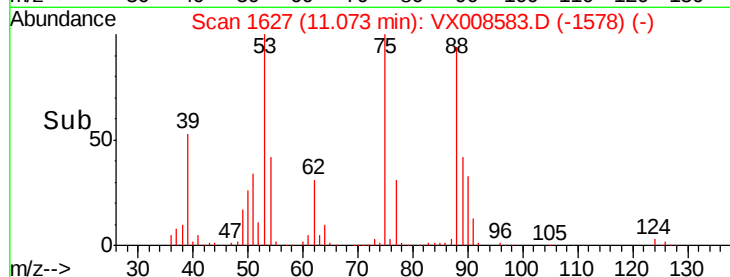
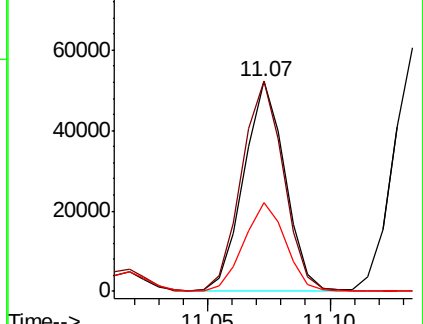
89 43.0 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 46.768 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008583.D

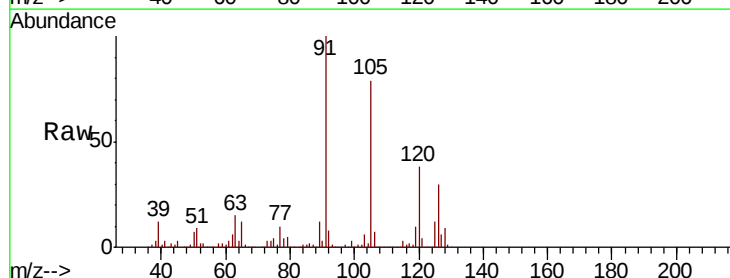
Acq: 01 Apr 2019 20:49

Tgt Ion: 91 Resp: 397024

Ion Ratio Lower Upper

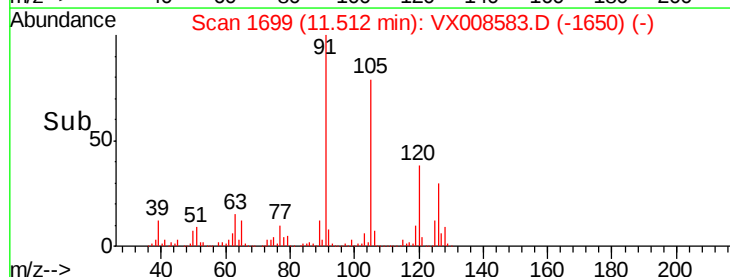
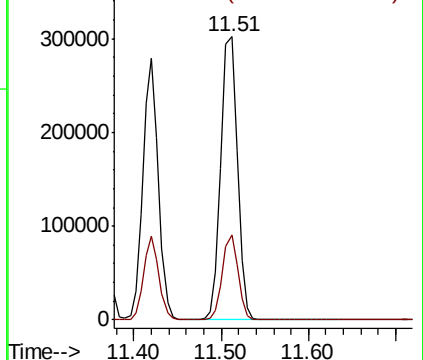
91 100

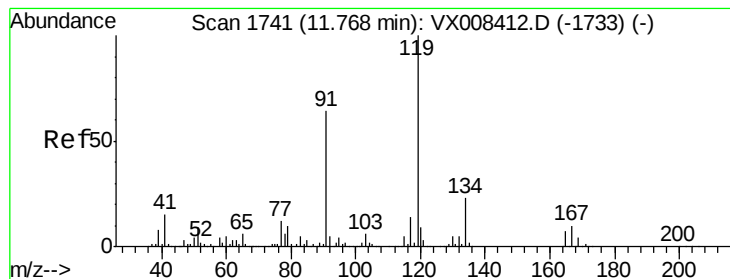
126 28.1 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 47.515 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

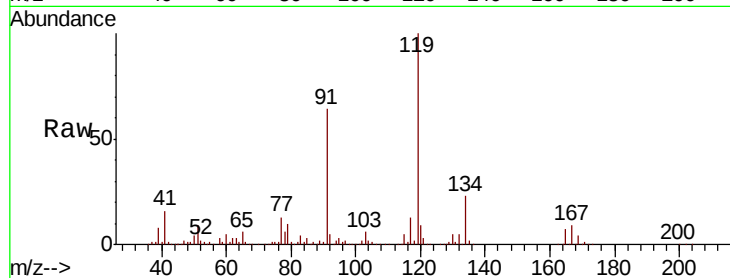
Tot Ion:119 Resp: 400313

Ion Ratio Lower Upper

119 100

91 59.9 30.1 90.3

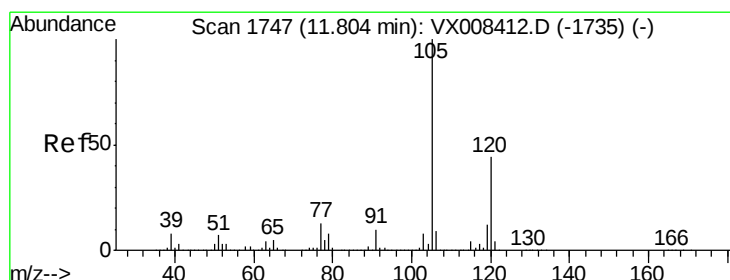
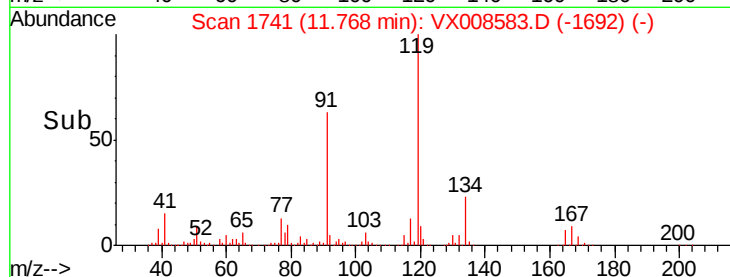
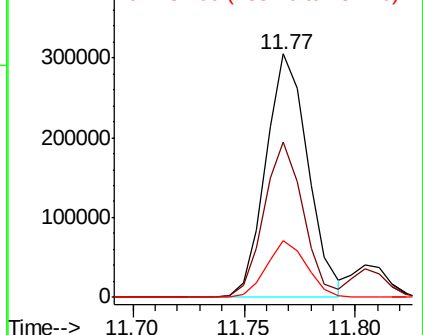
134 22.0 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.028 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX008583.D

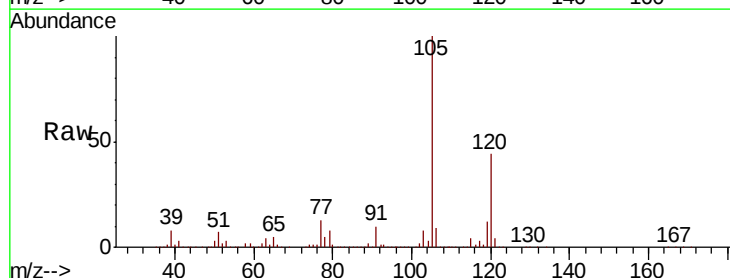
Acq: 01 Apr 2019 20:49

Tgt Ion:105 Resp: 415368

Ion Ratio Lower Upper

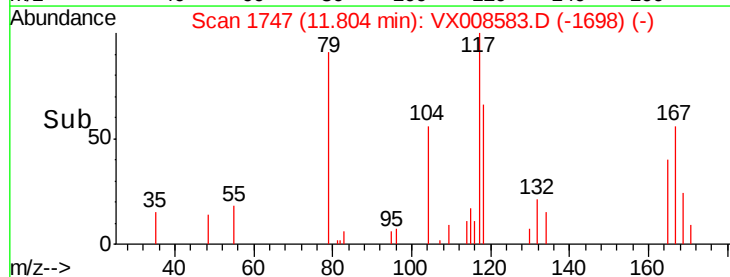
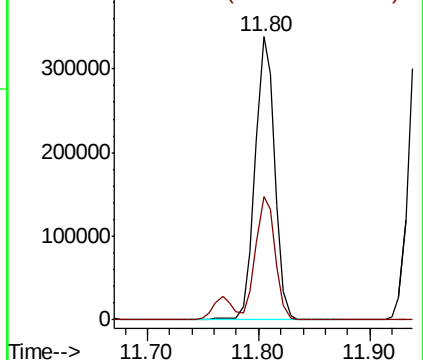
105 100

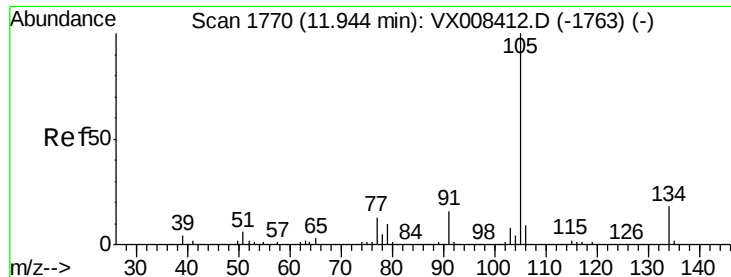
120 43.1 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.566 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

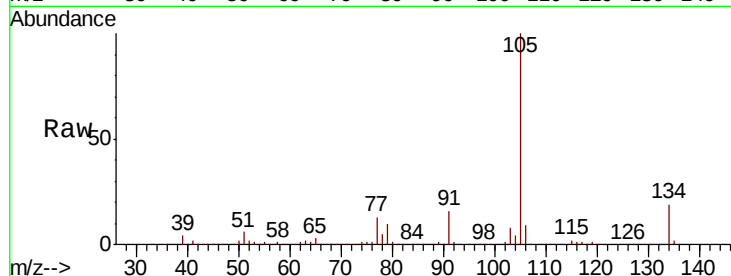
VSTDCCC050EC

Tot Ion:105 Resp: 477228

Ion Ratio Lower Upper

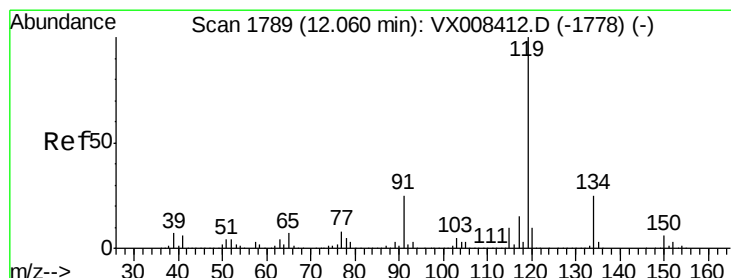
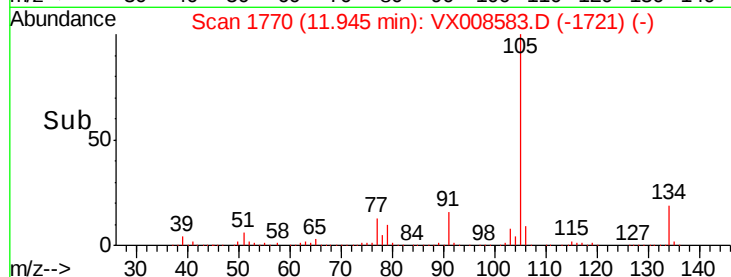
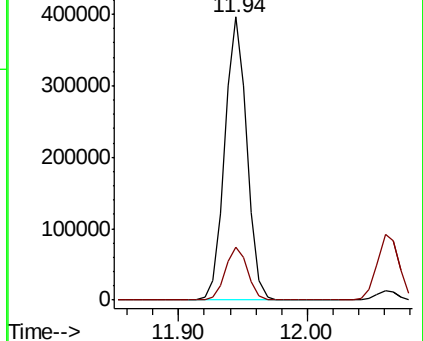
105 100

134 19.0 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.426 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008583.D

Acq: 01 Apr 2019 20:49

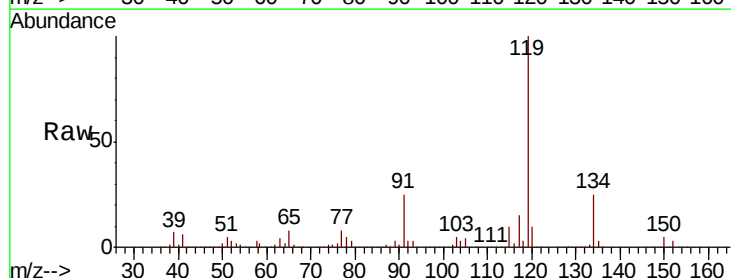
Tgt Ion:119 Resp: 428716

Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

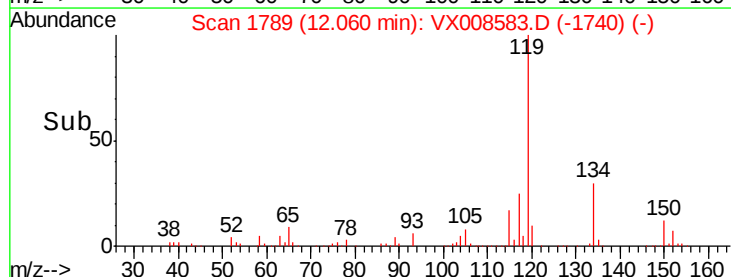
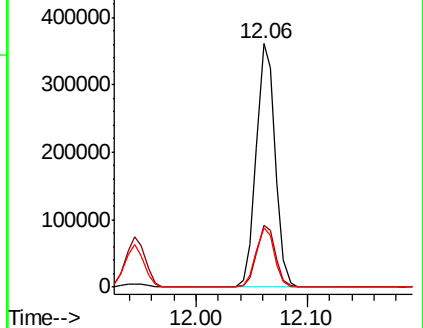
91 24.1 12.4 37.0

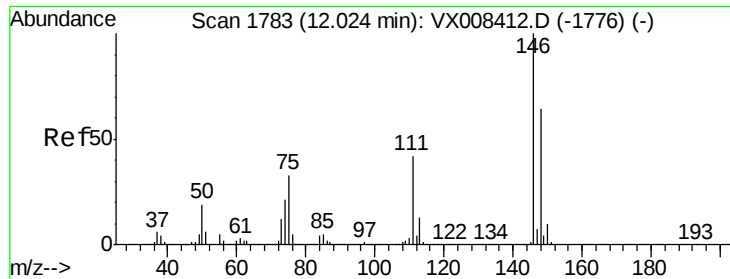


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

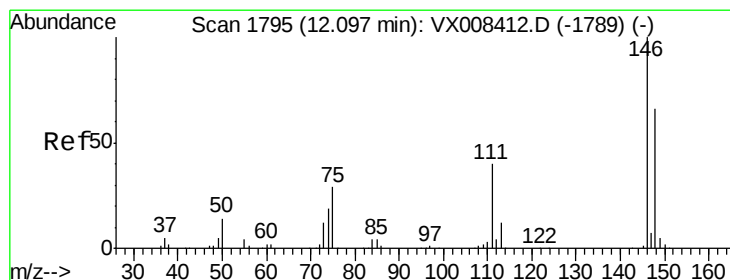
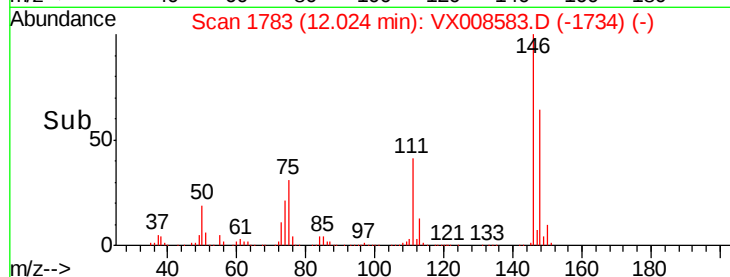
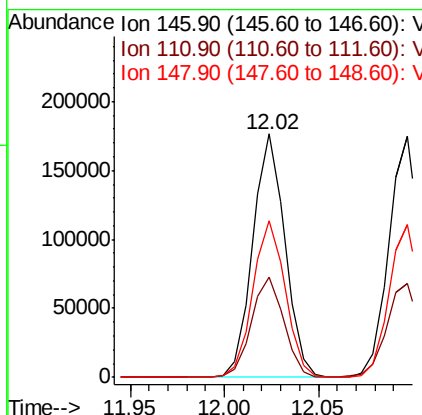
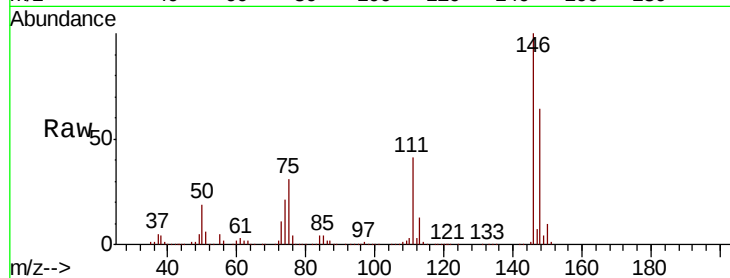




#87
 1,3-Dichlorobenzene
 Concen: 46.759 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

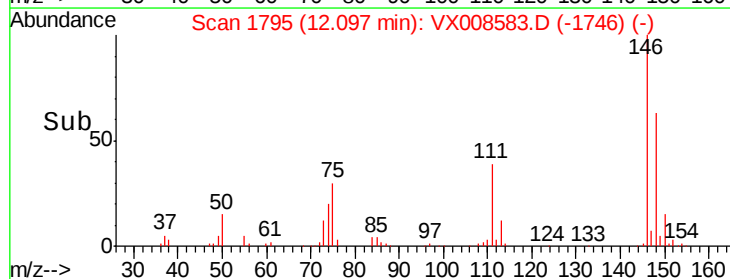
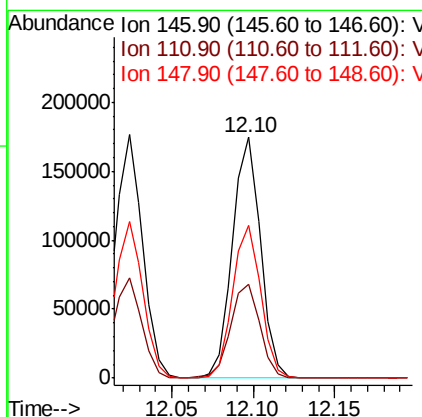
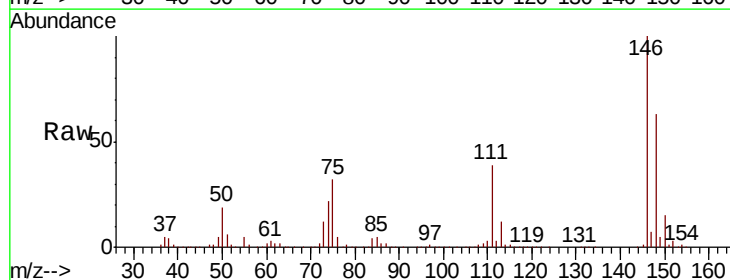
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

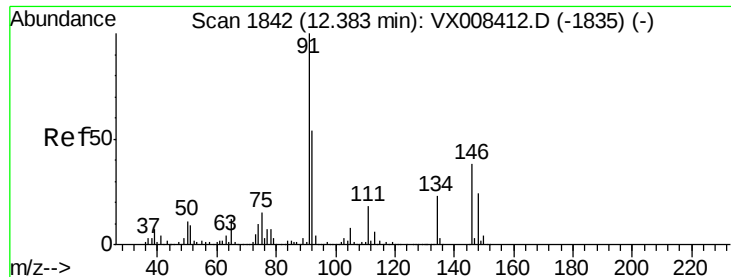
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.8	62.5
148	64.8	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 46.155 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	61.0
148	63.7	32.1	96.5

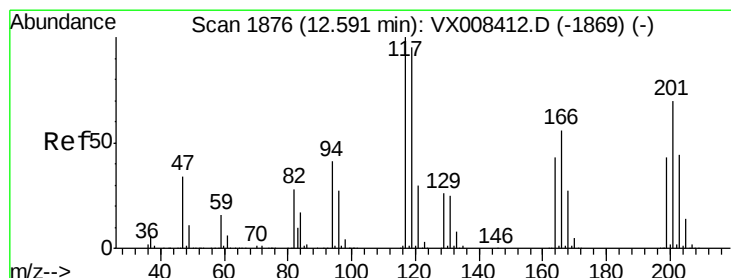
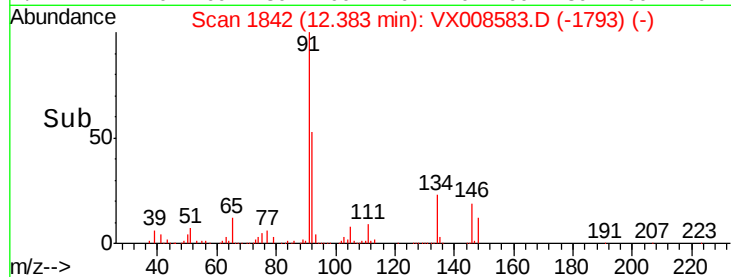
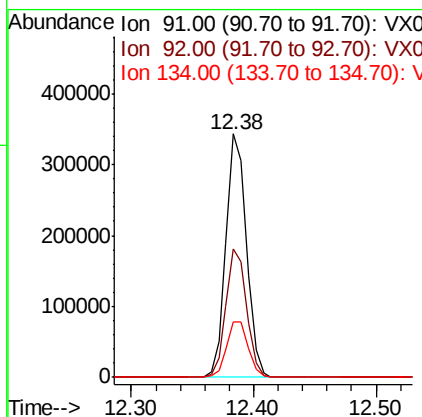
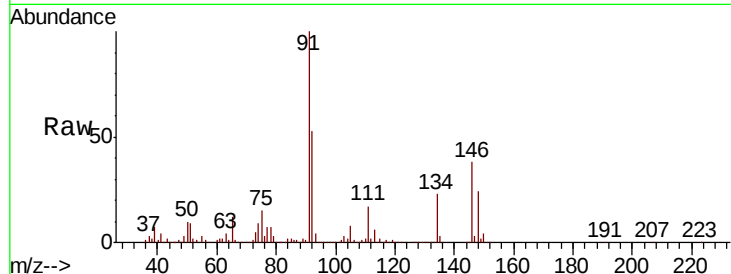




#89
n-Butylbenzene
Concen: 47.401 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

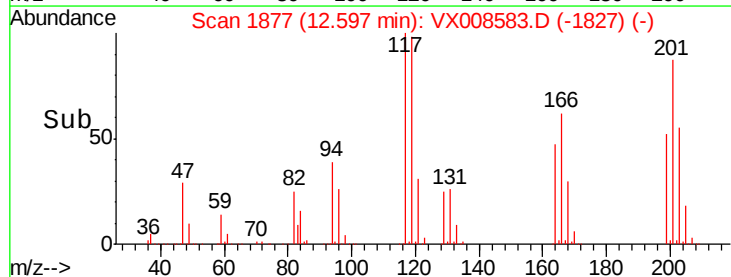
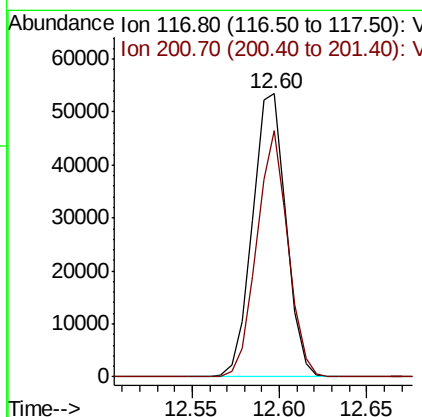
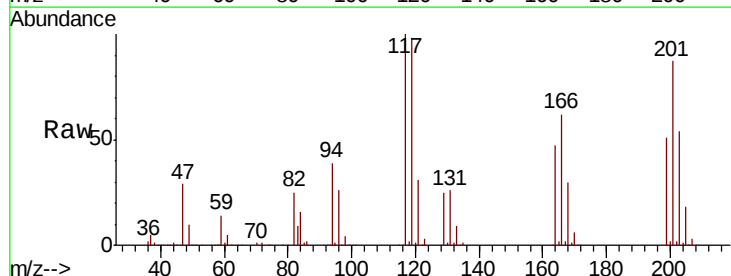
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

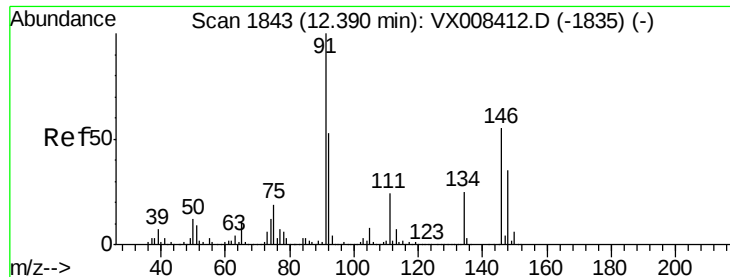
Tot Ion: 91 Resp: 397531
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 24.0 11.8 35.4



#90
Hexachloroethane
Concen: 48.744 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion: 117 Resp: 71891
Ion Ratio Lower Upper
117 100
201 80.8 39.4 118.1

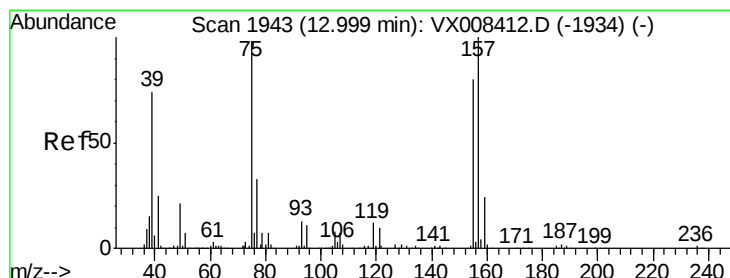
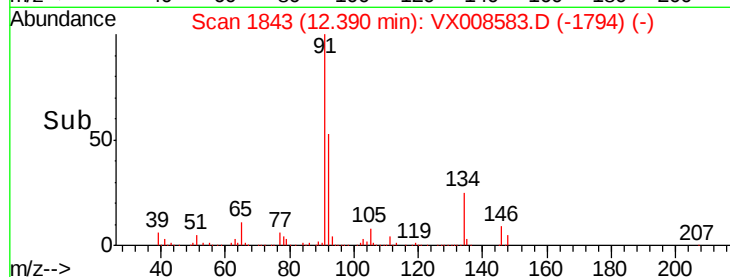
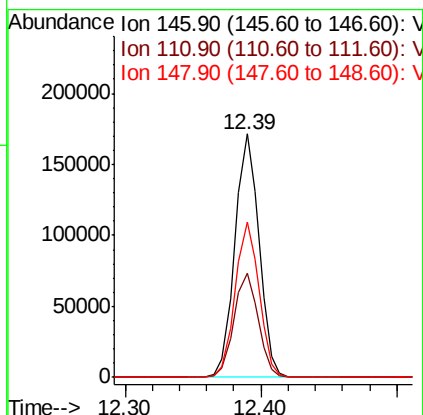
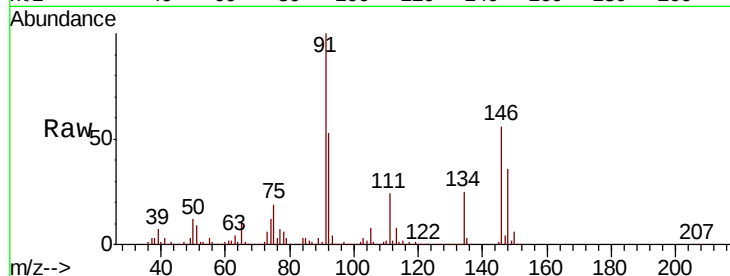




#91
 1,2-Dichlorobenzene
 Concen: 47.102 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

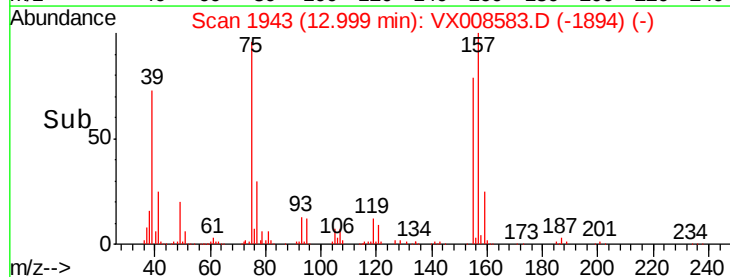
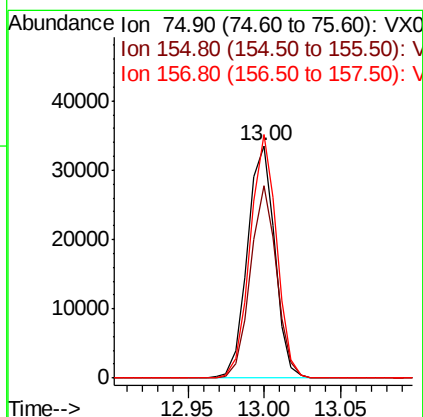
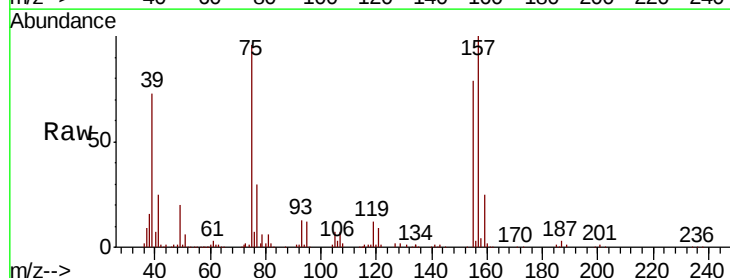
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

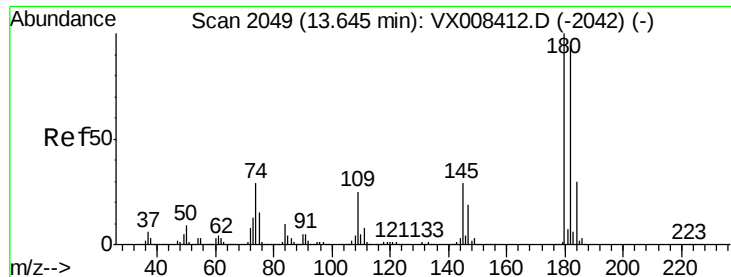
Tot Ion:146 Resp: 211271
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.6 64.6
 148 63.3 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.582 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Tgt Ion: 75 Resp: 41579
 Ion Ratio Lower Upper
 75 100
 155 79.7 39.5 118.5
 157 101.7 49.9 149.7

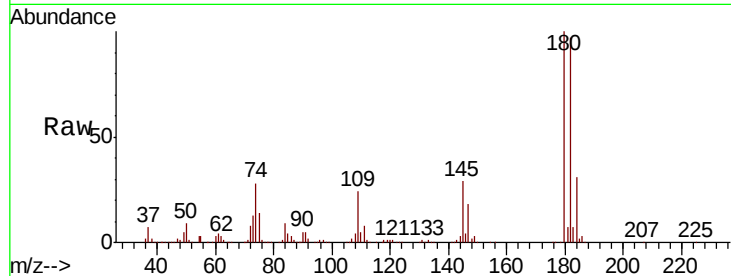




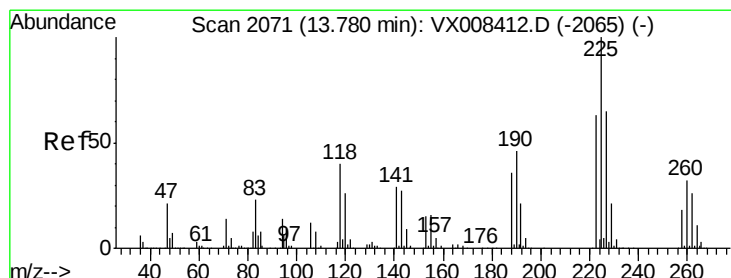
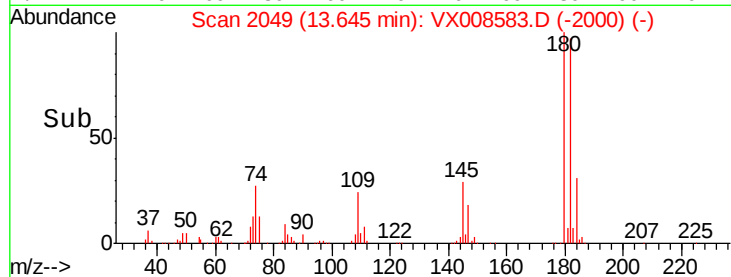
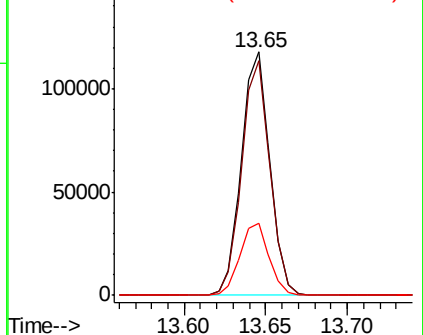
#93
 1,2,4-Trichlorobenzene
 Concen: 47.501 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 143444
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.3 142.0
 145 30.0 15.3 45.8

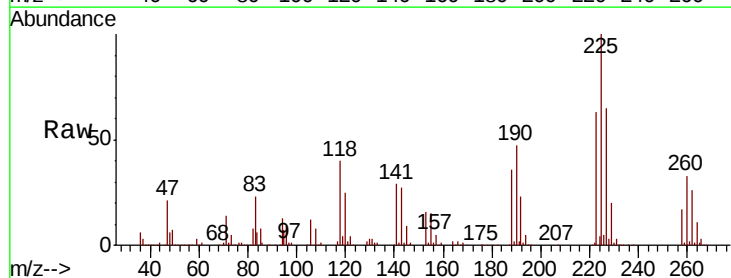


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

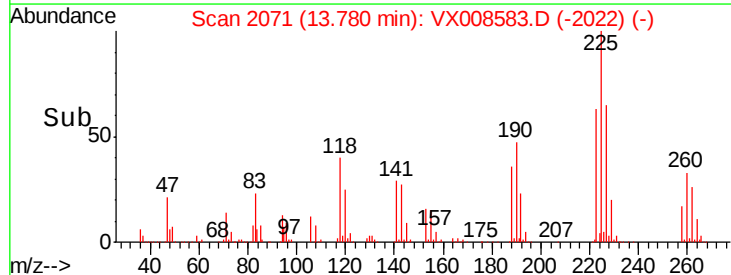
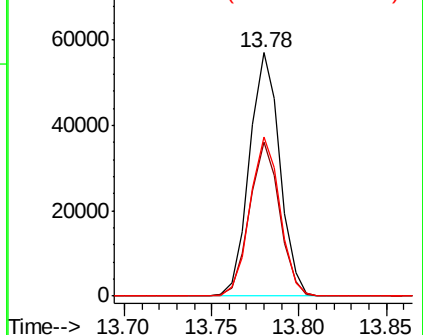


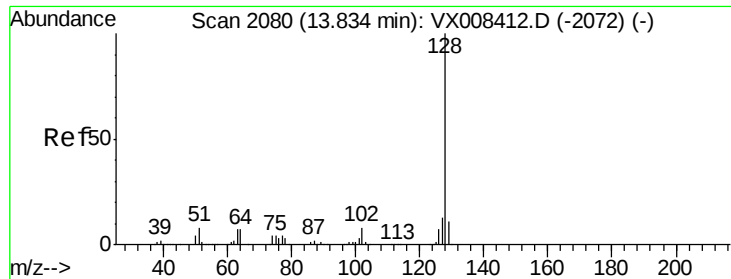
#94
 Hexachlorobutadiene
 Concen: 47.863 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008583.D
 Acq: 01 Apr 2019 20:49

Tgt Ion:225 Resp: 68631
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.4 94.0
 227 64.5 31.9 95.9



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

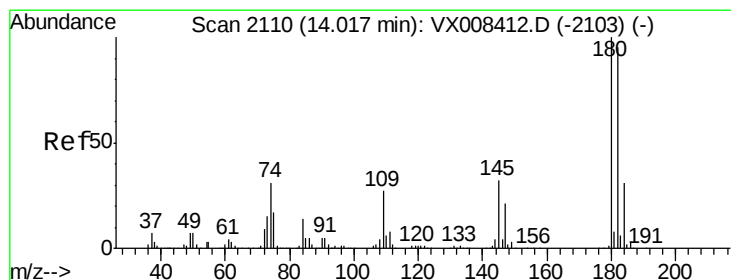
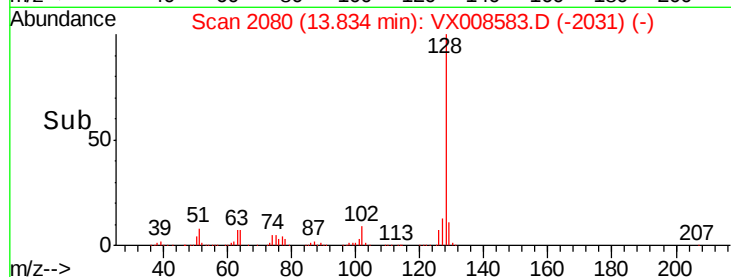
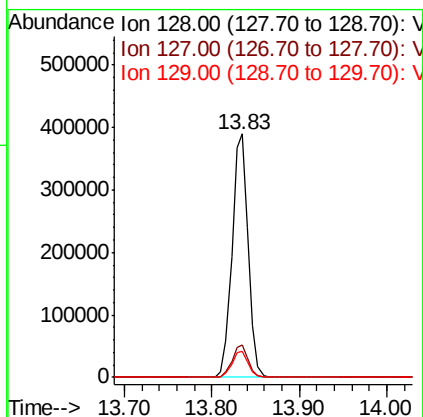
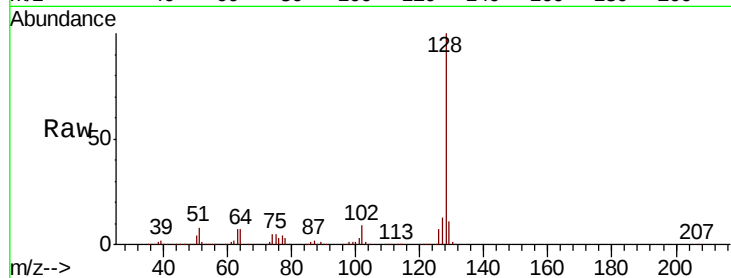




#95
Naphthalene
Concen: 48.145 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 498461
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.758 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008583.D
Acq: 01 Apr 2019 20:49

Tgt Ion:180 Resp: 144923
Ion Ratio Lower Upper
180 100
182 94.8 47.3 142.0
145 32.2 16.2 48.5

