

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121218\
 Data File : VX006484.D
 Acq On : 13 Dec 2018 09:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 13 11:49:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	501426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	797072	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	736899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	386445	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	291333	56.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.82%	
35) Dibromofluoromethane	5.50	113	270301	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
50) Toluene-d8	8.71	98	993514	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
62) 4-Bromofluorobenzene	11.14	95	382236	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	263360	53.641	ug/l	100
3) Chloromethane	1.33	50	276391	54.782	ug/l	99
4) Vinyl Chloride	1.41	62	303966	55.978	ug/l	99
5) Bromomethane	1.64	94	273205	72.599	ug/l	100
6) Chloroethane	1.71	64	189189	56.824	ug/l	97
7) Trichlorofluoromethane	1.93	101	467970	56.143	ug/l	99
8) Diethyl Ether	2.19	74	181866	57.651	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	271396	57.261	ug/l	98
10) Methyl Iodide	2.51	142	450194	63.028	ug/l	98
11) Tert butyl alcohol	3.07	59	363196	259.451	ug/l	100
12) 1,1-Dichloroethene	2.37	96	253875	55.954	ug/l	95
13) Acrolein	2.30	56	155429	203.145	ug/l	100
14) Allyl chloride	2.73	41	424325	47.343	ug/l	98
15) Acrylonitrile	3.15	53	803548	275.077	ug/l	100
16) Acetone	2.45	43	662846	275.933	ug/l	97
17) Carbon Disulfide	2.57	76	679363	48.591	ug/l	99
18) Methyl Acetate	2.78	43	442451	55.076	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	891332	55.068	ug/l	99
20) Methylene Chloride	2.86	84	291118	56.943	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	278794	57.660	ug/l	93
22) Diisopropyl ether	3.87	45	798597	57.045	ug/l	99
23) Vinyl Acetate	3.82	43	3269133	273.787	ug/l	99
24) 1,1-Dichloroethane	3.70	63	471249	58.893	ug/l	99
25) 2-Butanone	4.70	43	973601	284.048	ug/l	97
26) 2,2-Dichloropropane	4.58	77	235433	31.881	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	318439	59.043	ug/l	95
28) Bromochloromethane	5.02	49	190678	54.555	ug/l	98
29) Tetrahydrofuran	5.15	42	669294	280.959	ug/l	97
30) Chloroform	5.21	83	497181	59.126	ug/l	97
31) Cyclohexane	5.57	56	426537	57.680	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	442194	55.269	ug/l	99
36) 1,1-Dichloropropene	5.80	75	363431	54.145	ug/l	100
37) Ethyl Acetate	4.85	43	380058	50.561	ug/l	98
38) Carbon Tetrachloride	5.78	117	388653	49.220	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	470613	54.015	ug/l	98
40) Benzene	6.15	78	1126760	56.048	ug/l	99
41) Methacrylonitrile	5.06	41	210884	50.986	ug/l	97
42) 1,2-Dichloroethane	6.20	62	371535	56.468	ug/l	100
43) Isopropyl Acetate	6.46	43	623019	49.712	ug/l	99
44) Trichloroethene	7.21	130	327795	53.823	ug/l	95
45) 1,2-Dichloropropane	7.52	63	275695	53.959	ug/l	100
46) Dibromomethane	7.66	93	204188	55.334	ug/l	95
47) Bromodichloromethane	7.90	83	356469	49.884	ug/l	100
48) Methyl methacrylate	7.77	41	316009	51.831	ug/l	98
49) 1,4-Dioxane	7.75	88	161798	1076.726	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1939644	265.859	ug/l	98
52) Toluene	8.79	92	744691	56.305	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	372614	44.586	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	408429	47.065	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	303117	56.413	ug/l	99
56) Ethyl methacrylate	9.18	69	458359	54.567	ug/l	97
57) 1,3-Dichloropropane	9.37	76	479662	56.454	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1030769	241.818	ug/l	99
59) 2-Hexanone	9.49	43	1454863	261.009	ug/l	99
60) Dibromochloromethane	9.58	129	324684	49.004	ug/l	99
61) 1,2-Dibromoethane	9.67	107	335193	55.791	ug/l	100
64) Tetrachloroethene	9.34	164	314082	56.596	ug/l	97
65) Chlorobenzene	10.14	112	867596	55.463	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	308709	50.793	ug/l	99
67) Ethyl Benzene	10.25	91	1420283	54.591	ug/l	99
68) m/p-Xylenes	10.36	106	1149301	110.280	ug/l	99
69) o-Xylene	10.70	106	567784	55.156	ug/l	100
70) Styrene	10.71	104	917154	55.087	ug/l	99
71) Bromoform	10.86	173	244165	42.557	ug/l	99
73) Isopropylbenzene	11.02	105	1488604	55.779	ug/l	100
74) N-amyl acetate	10.90	43	564210	49.095	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	450673	52.785	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	500490	67.099	ug/l	87
77) Bromobenzene	11.26	156	404276	54.586	ug/l	98
78) n-propylbenzene	11.36	91	1640973	55.316	ug/l	99
79) 2-Chlorotoluene	11.42	91	979225	55.537	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1234620	55.602	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	114636	36.066	ug/l	88
82) 4-Chlorotoluene	11.51	91	1123532	54.806	ug/l	99
83) tert-Butylbenzene	11.77	119	1271581	53.672	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1258615	54.893	ug/l	99
85) sec-Butylbenzene	11.94	105	1491281	55.330	ug/l	99
86) p-Isopropyltoluene	12.07	119	1342660	55.322	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	722397	54.817	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	728994	54.501	ug/l	100
89) n-Butylbenzene	12.39	91	1118331	54.005	ug/l	100
90) Hexachloroethane	12.60	117	229147	46.326	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	710902	54.354	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	99462	45.445	ug/l	97

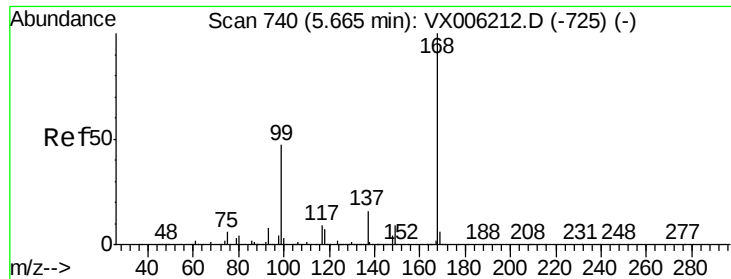
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121218\
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	496140	51.996	ug/l	99
94) Hexachlorobutadiene	13.78	225	218645	51.813	ug/l	99
95) Naphthalene	13.83	128	1620614	54.600	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	505545	53.491	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

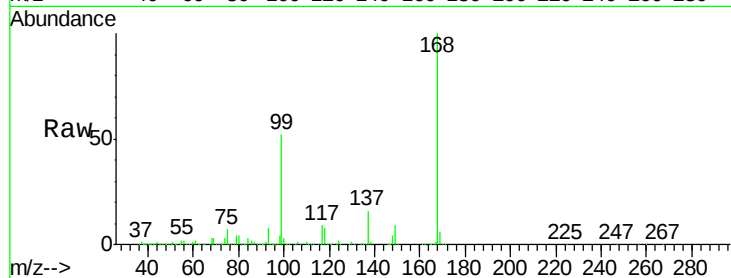
VSTDCCC050EC

Tgt Ion:168 Resp: 501426

Ion Ratio Lower Upper

168 100

99 51.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

150000

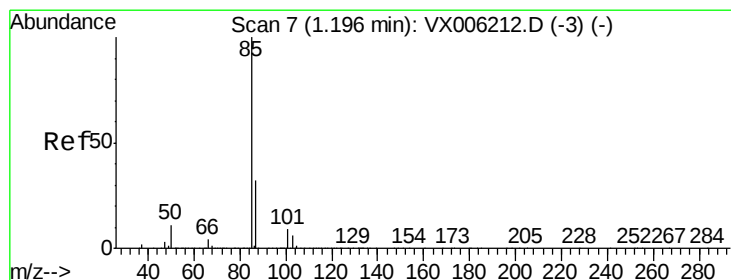
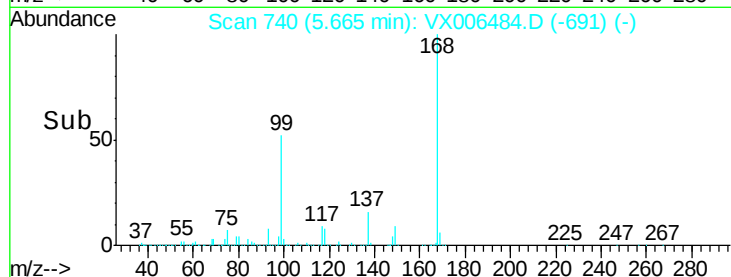
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 53.641 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006484.D

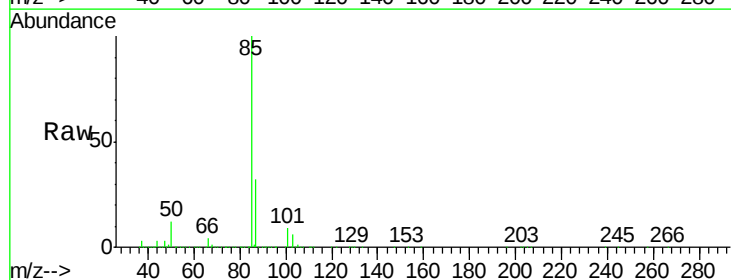
Acq: 13 Dec 2018 09:32

Tgt Ion: 85 Resp: 263360

Ion Ratio Lower Upper

85 100

87 31.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

150000

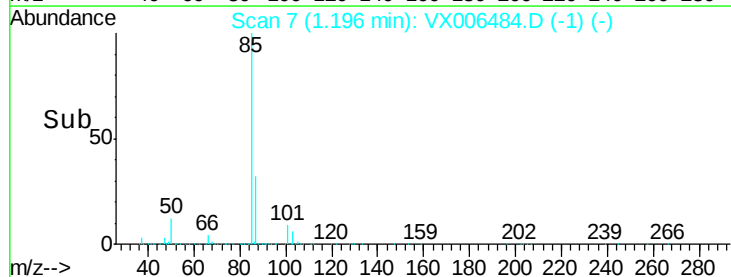
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50000

0

1.15 1.20 1.25 1.30

Time-->

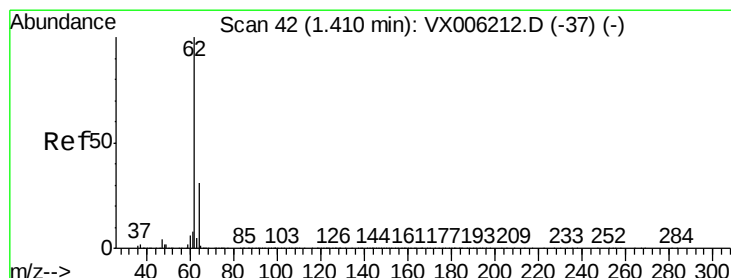
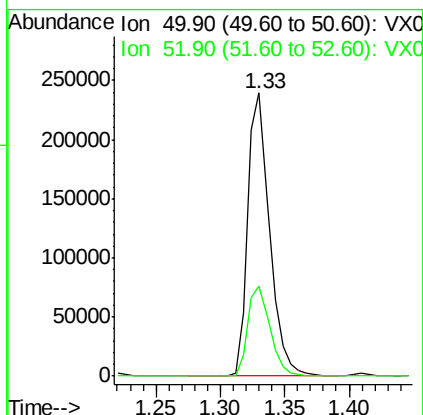
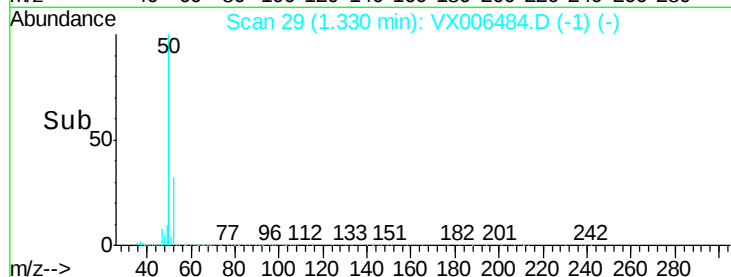
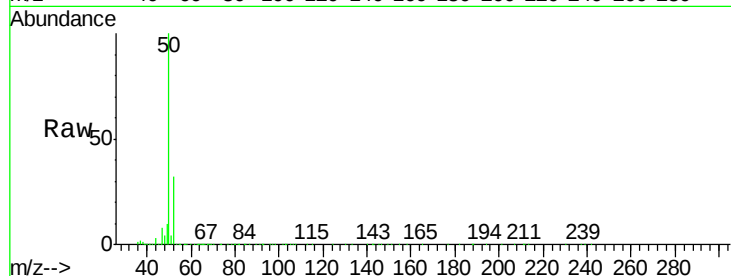




#3
Chloromethane
Concen: 54.782 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

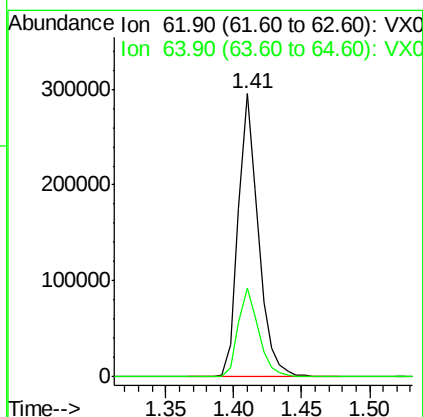
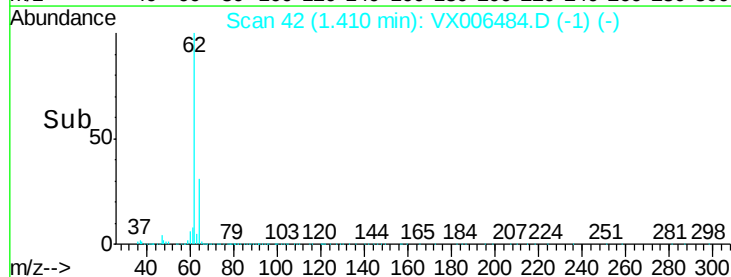
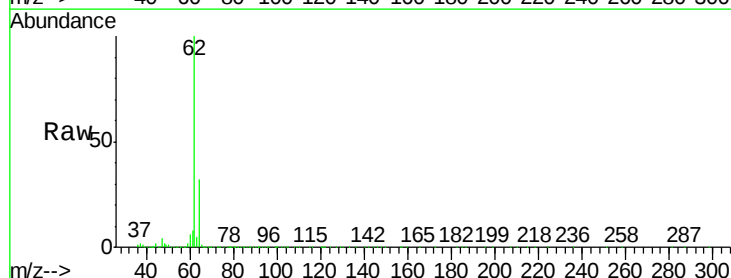
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

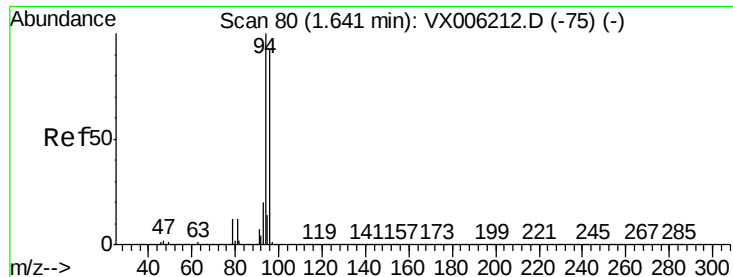
Tgt Ion: 50 Resp: 276391
Ion Ratio Lower Upper
50 100
52 31.9 25.2 37.8



#4
Vinyl Chloride
Concen: 55.978 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion: 62 Resp: 303966
Ion Ratio Lower Upper
62 100
64 31.4 24.9 37.3





#5

Bromomethane

Concen: 72.599 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

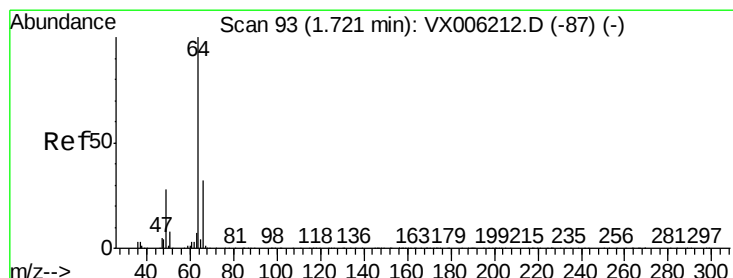
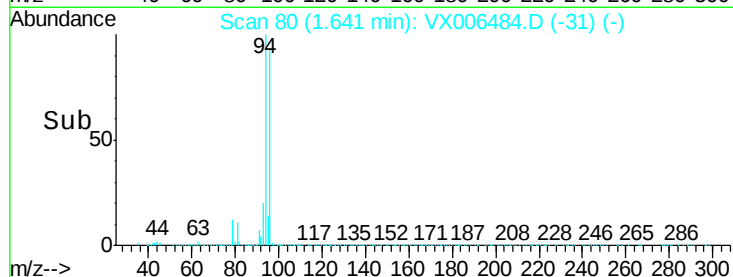
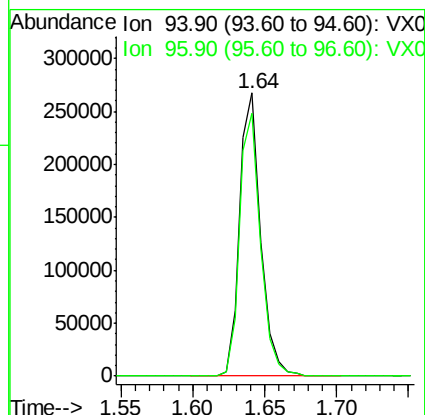
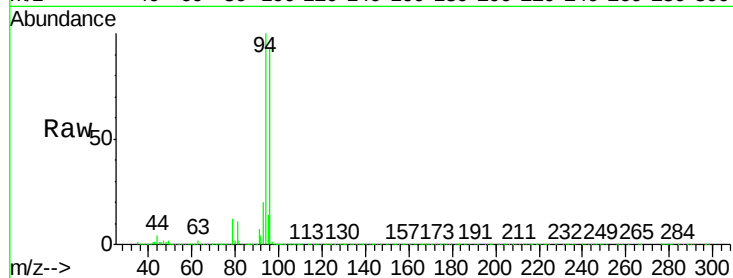
VSTDCCC050EC

Tgt Ion: 94 Resp: 273205

Ion Ratio Lower Upper

94 100

96 92.7 74.5 111.7



#6

Chloroethane

Concen: 56.824 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006484.D

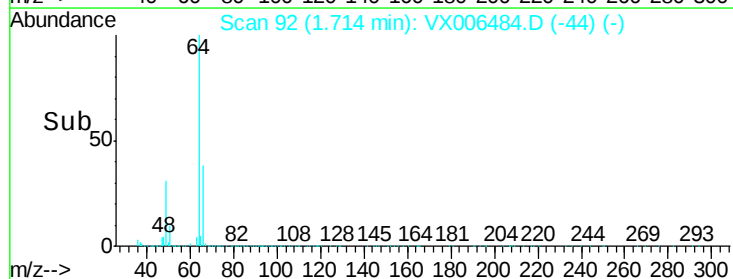
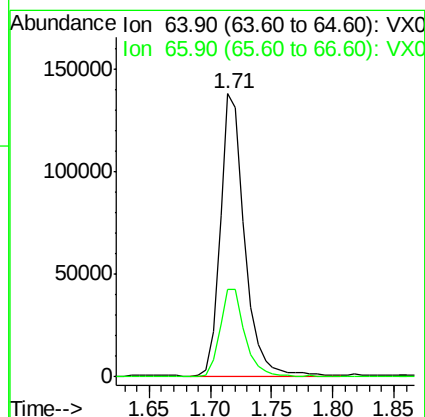
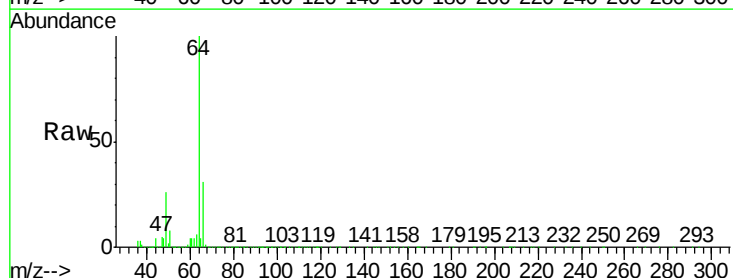
Acq: 13 Dec 2018 09:32

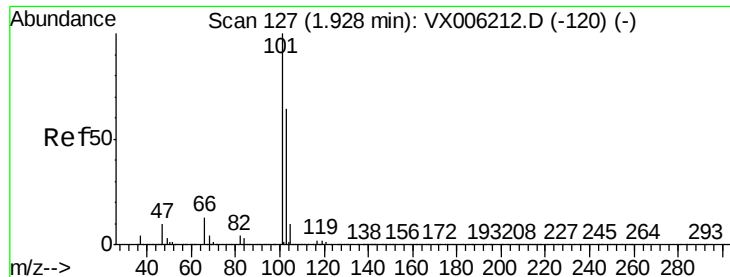
Tgt Ion: 64 Resp: 189189

Ion Ratio Lower Upper

64 100

66 31.0 25.9 38.9



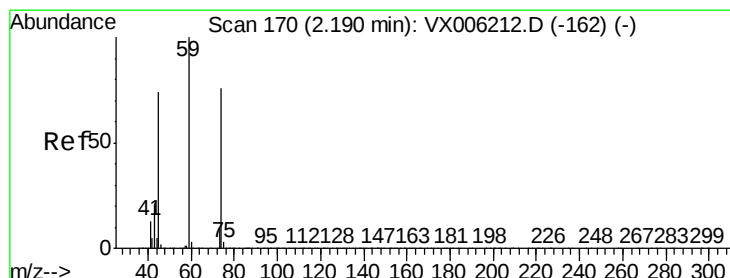
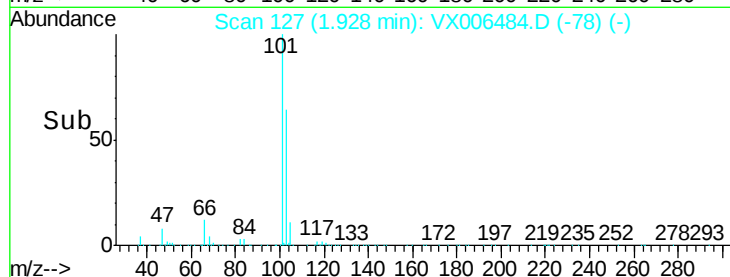
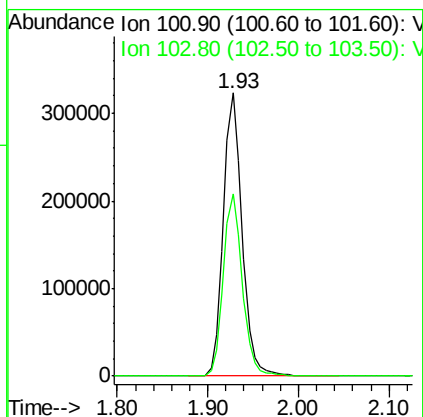
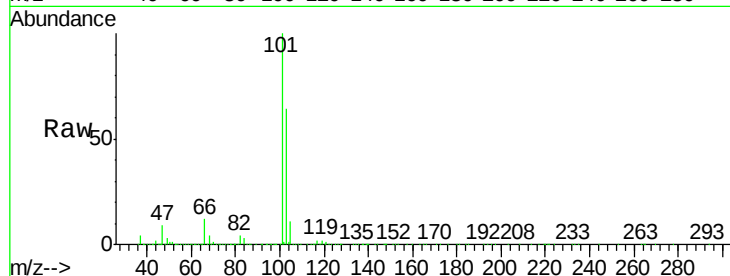


#7

Trichlorofluoromethane
Concen: 56.143 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Instrument :
MSVOA_X
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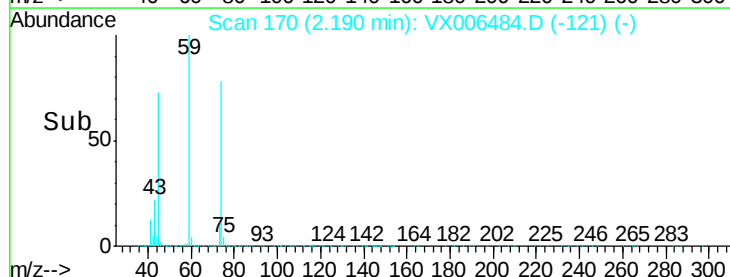
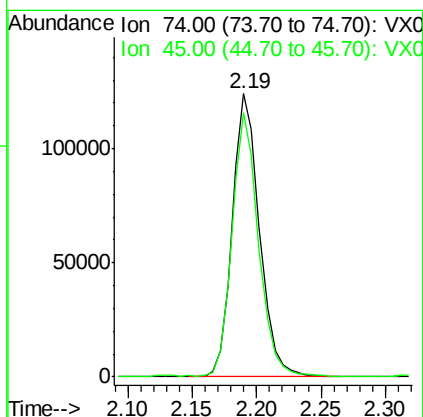
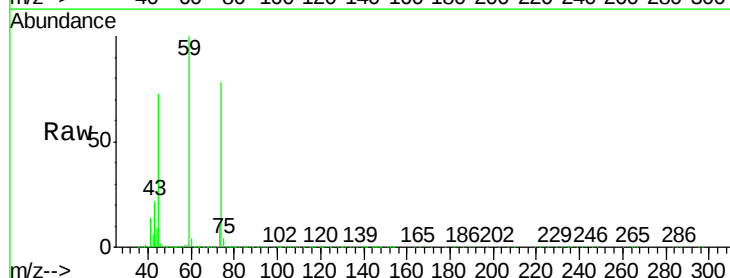
Tgt Ion:101 Resp: 467970
Ion Ratio Lower Upper
101 100
103 64.2 51.0 76.4

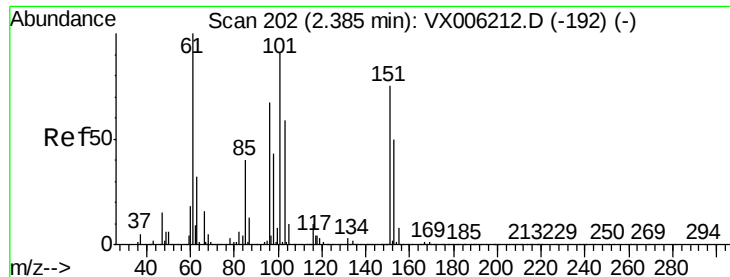


#8

Diethyl Ether
Concen: 57.651 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion: 74 Resp: 181866
Ion Ratio Lower Upper
74 100
45 90.4 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.261 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

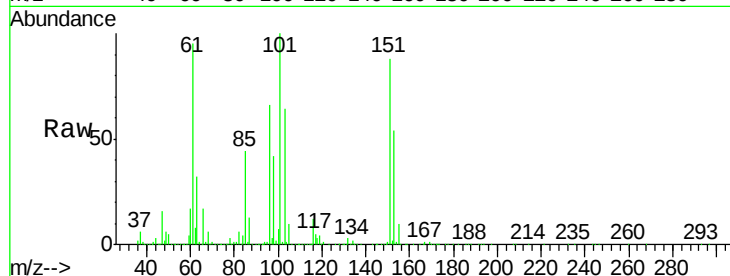
Tgt Ion:101 Resp: 271396

Ion Ratio Lower Upper

101 100

85 43.4 35.5 53.3

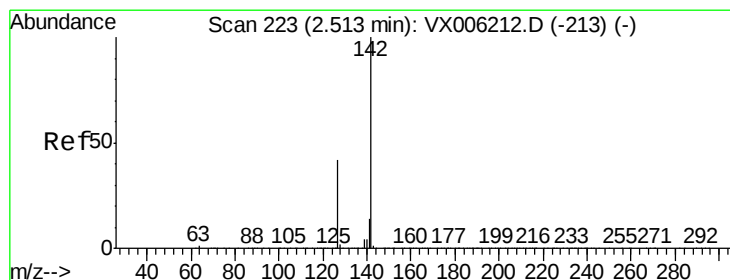
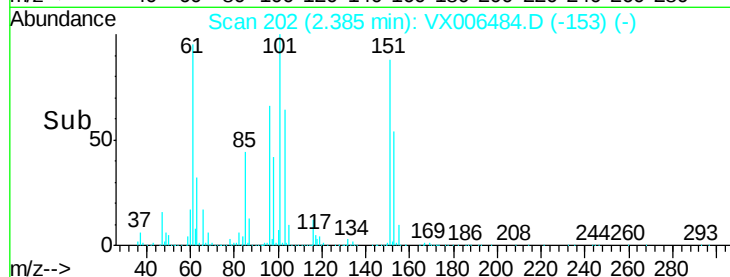
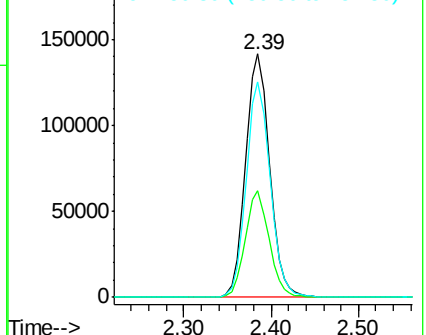
151 88.1 68.6 103.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 63.028 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

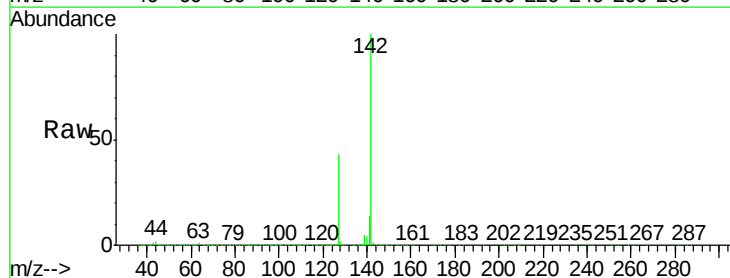
Tgt Ion:142 Resp: 450194

Ion Ratio Lower Upper

142 100

127 42.3 34.8 52.2

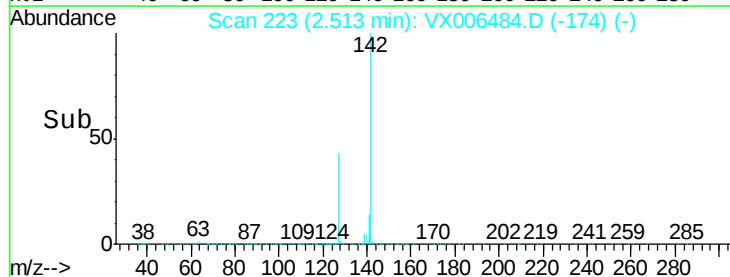
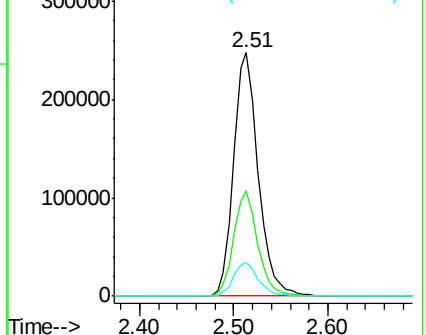
141 14.0 11.4 17.2

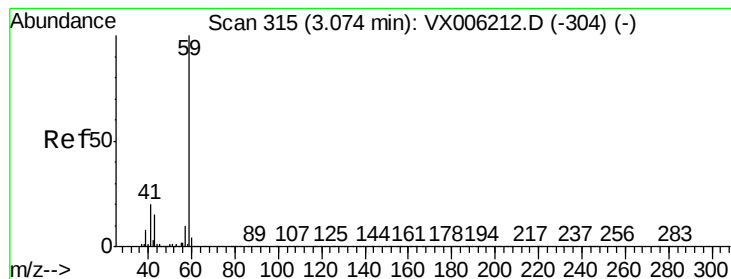


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



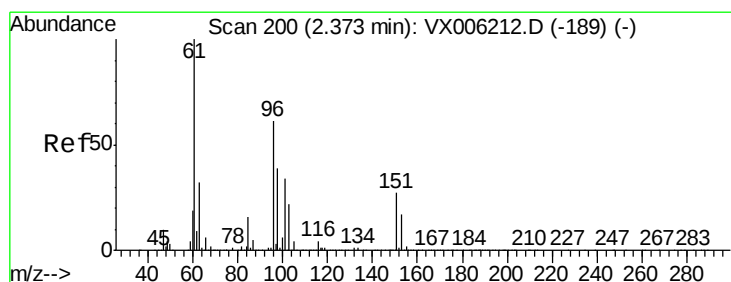
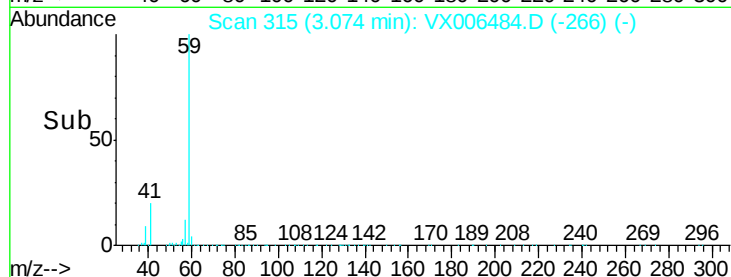
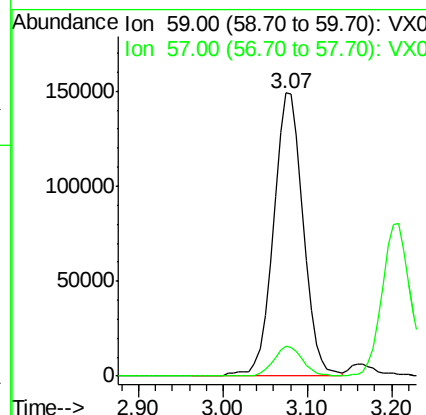
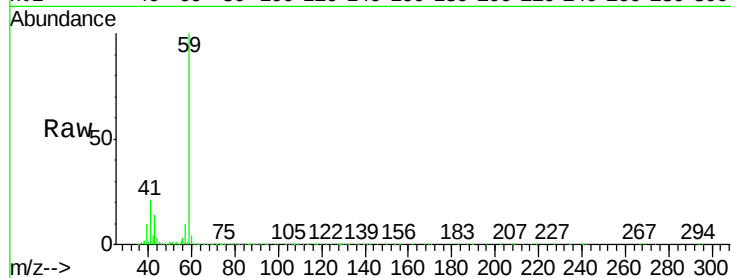


#11

Tert butyl alcohol
Concen: 259.451 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

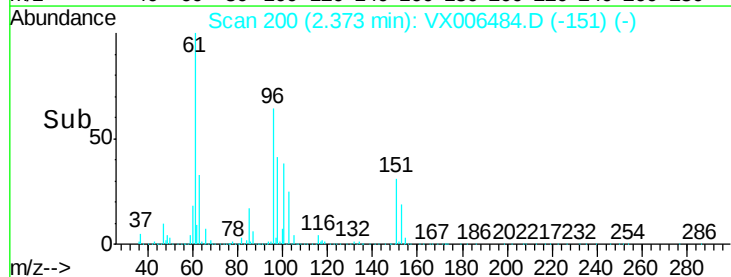
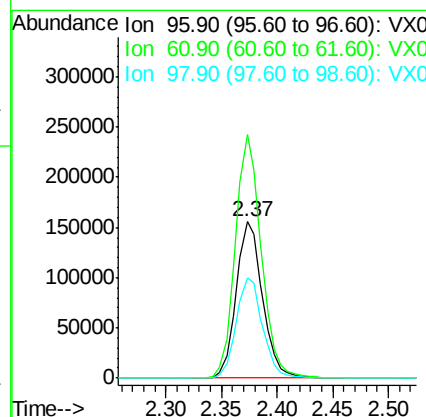
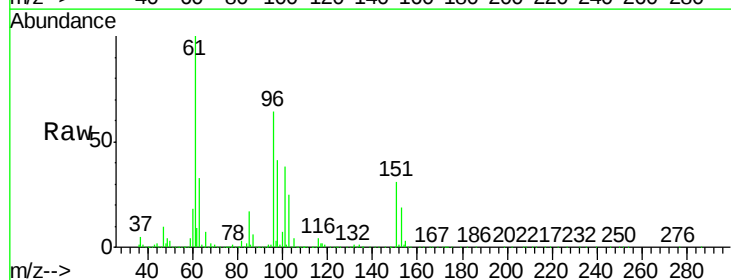
Tgt Ion: 59 Resp: 363196
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2

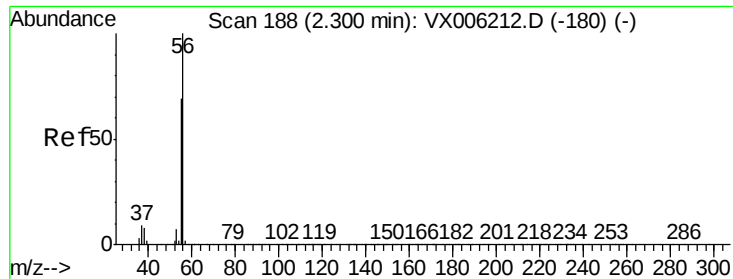


#12

1,1-Dichloroethene
Concen: 55.954 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion: 96 Resp: 253875
Ion Ratio Lower Upper
96 100
61 156.1 131.7 197.5
98 64.5 51.8 77.6

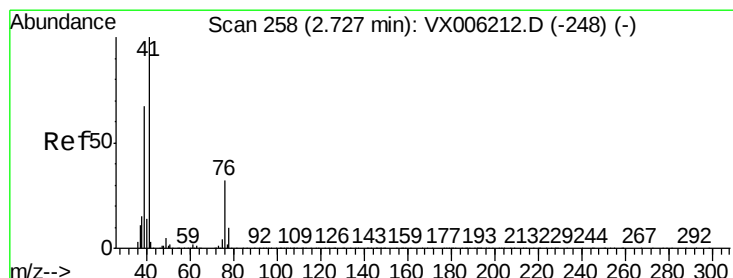
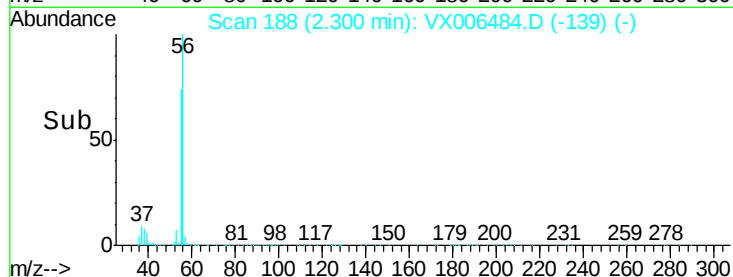
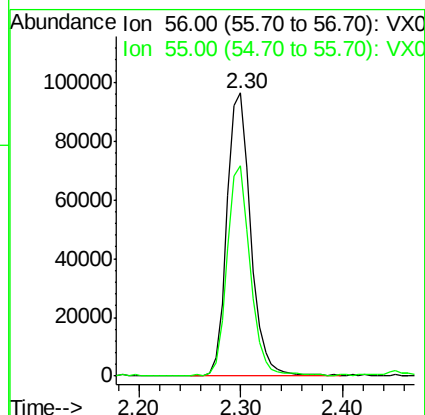
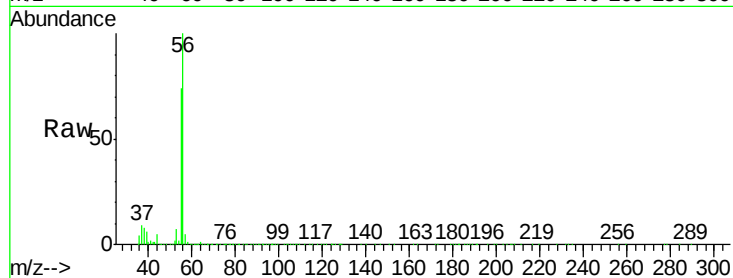




#13
Acrolein
Concen: 203.145 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

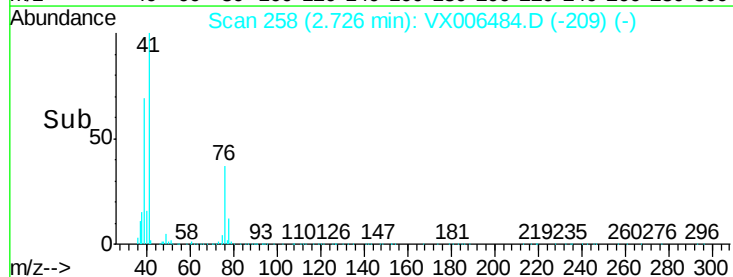
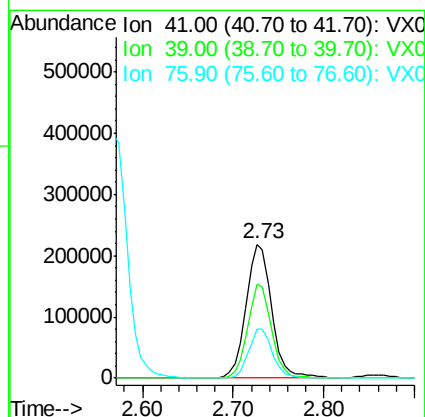
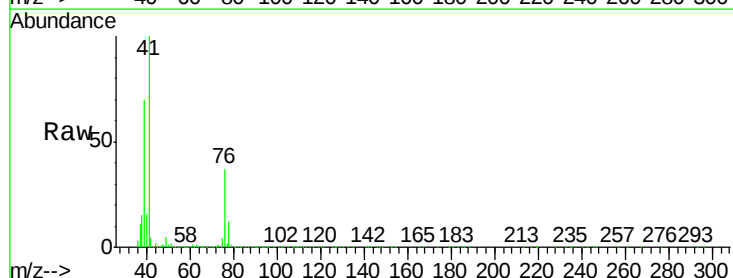
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

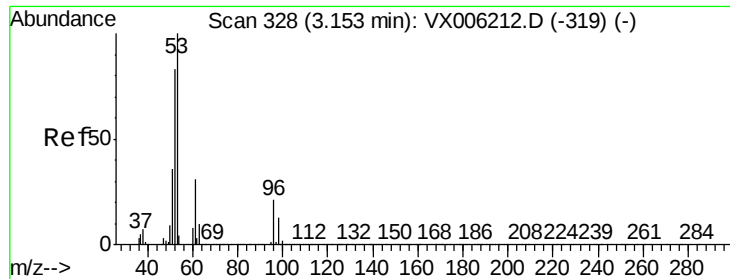
Tgt Ion: 56 Resp: 155429
Ion Ratio Lower Upper
56 100
55 72.1 57.8 86.6



#14
Allyl chloride
Concen: 47.343 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion: 41 Resp: 424325
Ion Ratio Lower Upper
41 100
39 65.0 52.4 78.6
76 34.2 25.4 38.0





#15

Acrylonitrile

Concen: 275.077 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

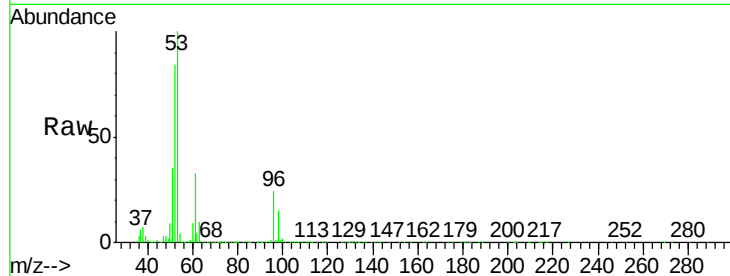
Tgt Ion: 53 Resp: 803548

Ion Ratio Lower Upper

53 100

52 82.6 66.2 99.4

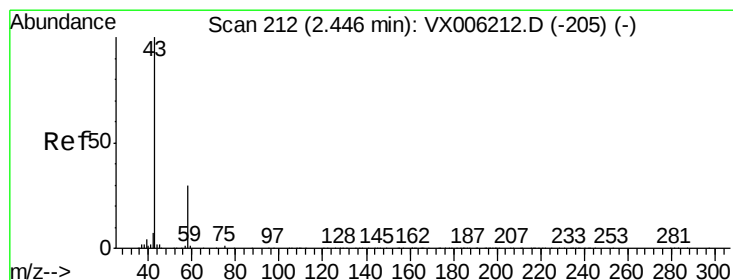
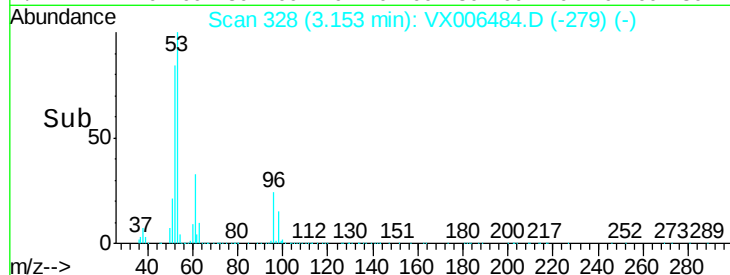
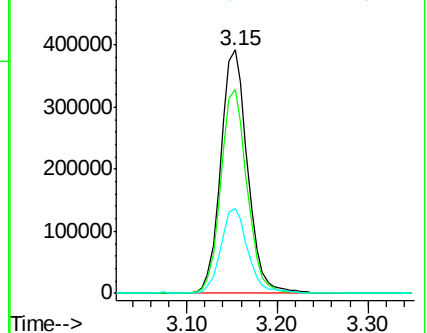
51 35.5 28.7 43.1



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: 275.933 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006484.D

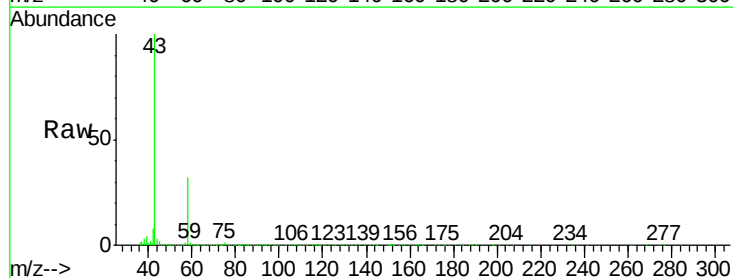
Acq: 13 Dec 2018 09:32

Tgt Ion: 43 Resp: 662846

Ion Ratio Lower Upper

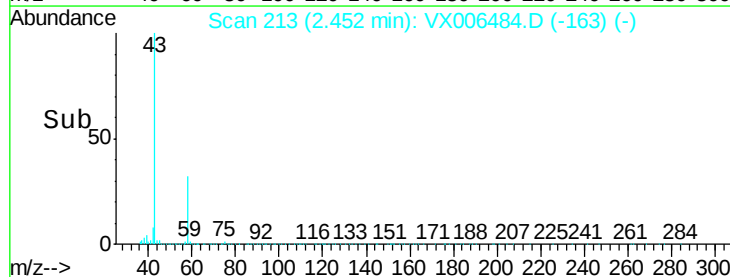
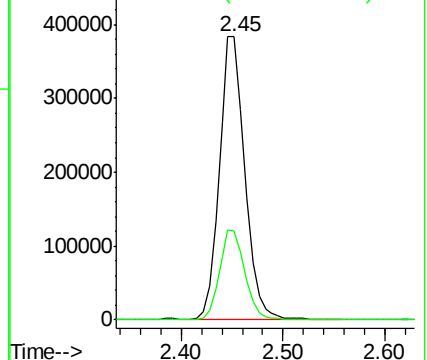
43 100

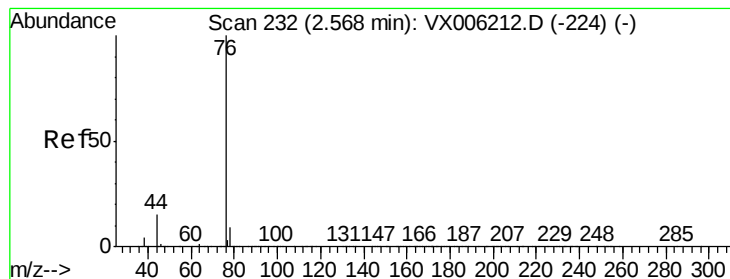
58 31.6 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.591 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

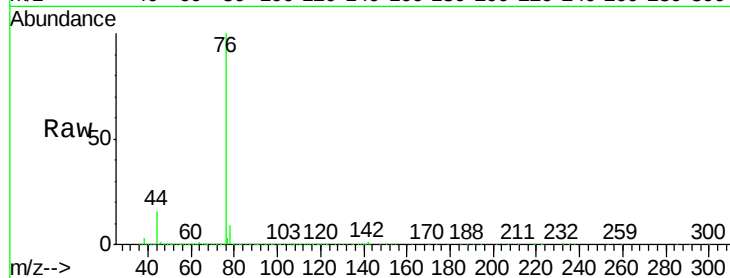
VSTDCCC050EC

Tgt Ion: 76 Resp: 679363

Ion Ratio Lower Upper

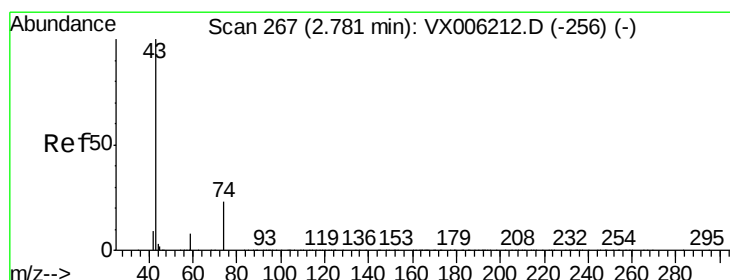
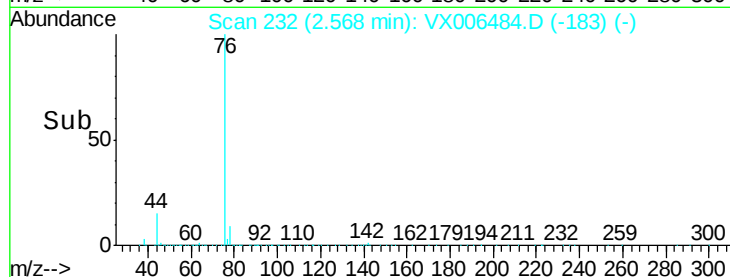
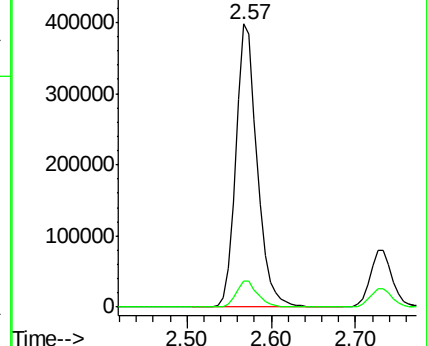
76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 55.076 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX006484.D

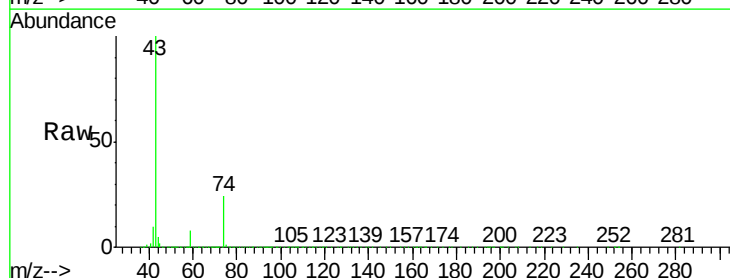
Acq: 13 Dec 2018 09:32

Tgt Ion: 43 Resp: 442451

Ion Ratio Lower Upper

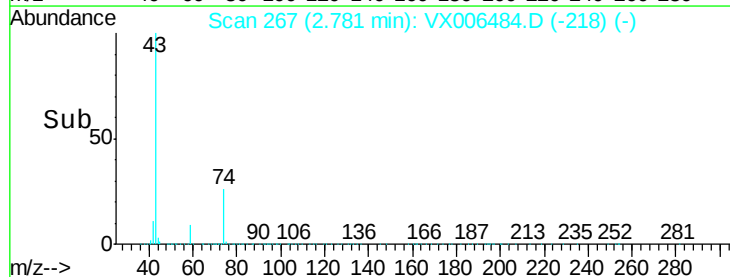
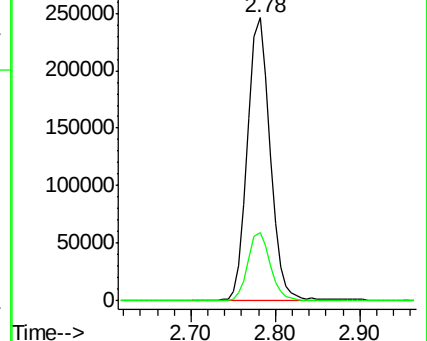
43 100

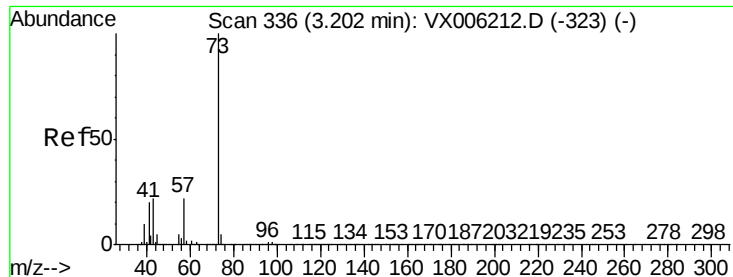
74 23.6 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 55.068 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

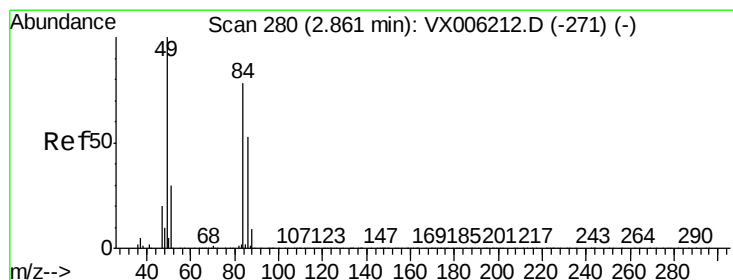
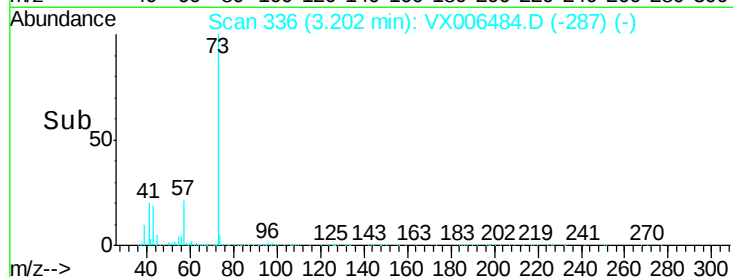
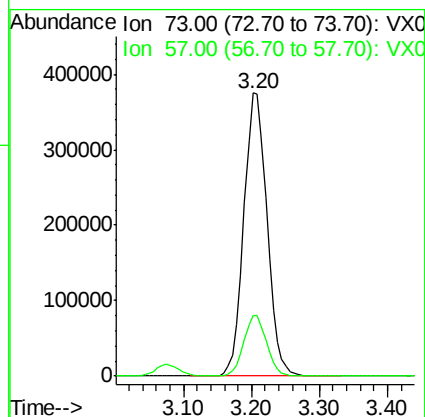
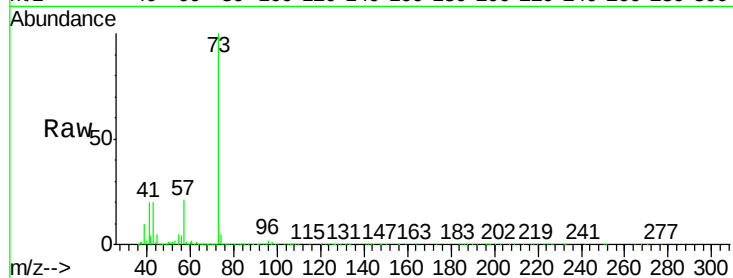
VSTDCCC050EC

Tgt Ion: 73 Resp: 891332

Ion Ratio Lower Upper

73 100

57 21.3 17.5 26.3



#20

Methylene Chloride

Concen: 56.943 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Tgt Ion: 84 Resp: 291118

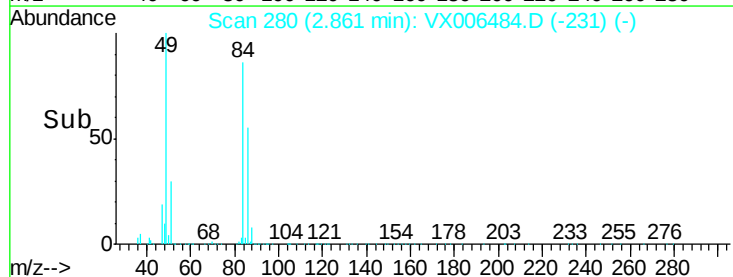
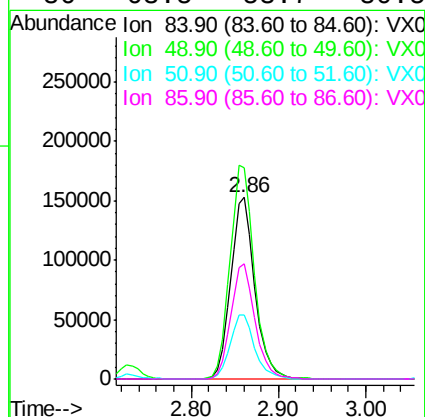
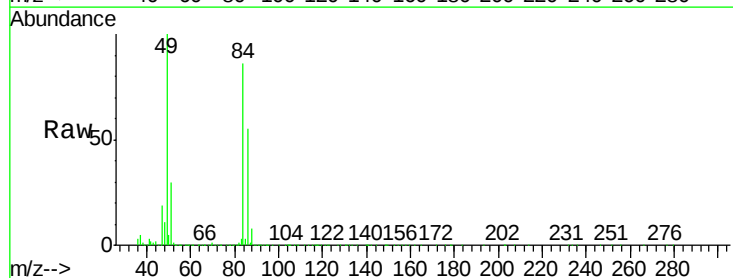
Ion Ratio Lower Upper

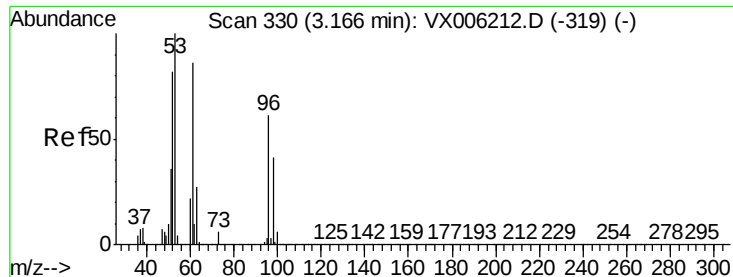
84 100

49 116.4 102.2 153.4

51 35.1 31.1 46.7

86 63.5 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 57.660 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

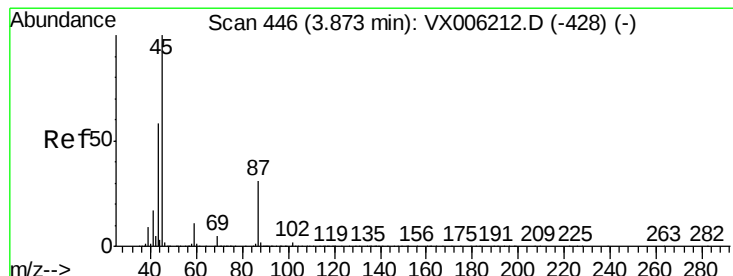
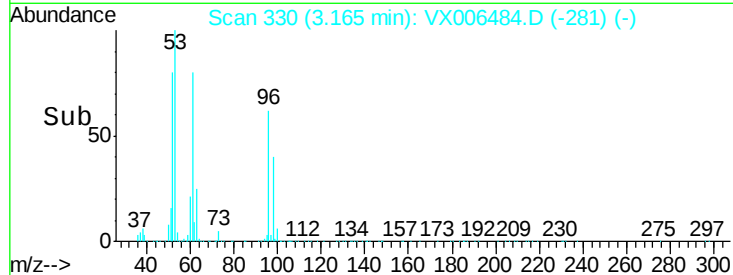
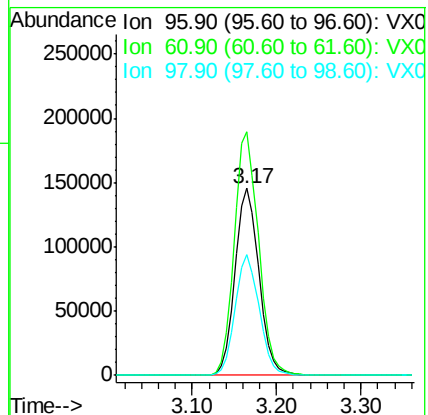
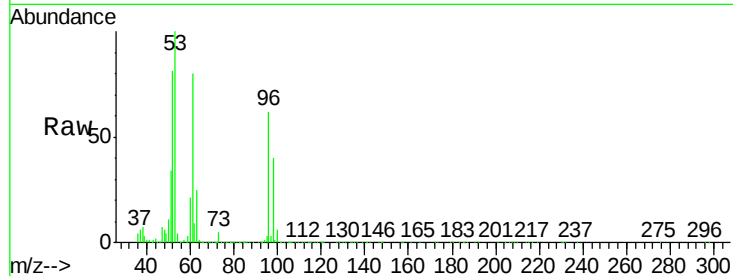
Tgt Ion: 96 Resp: 278794

Ion Ratio Lower Upper

96 100

61 129.9 113.3 169.9

98 64.5 53.2 79.8



#22

Diisopropyl ether

Concen: 57.045 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Tgt Ion: 45 Resp: 798597

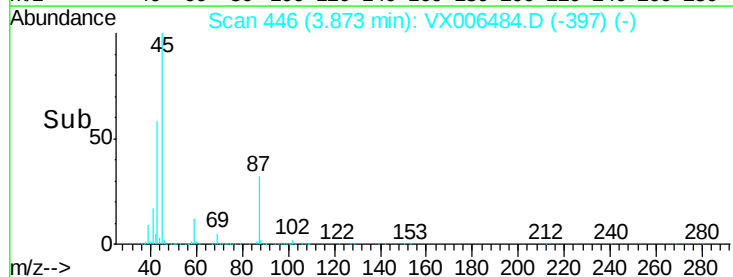
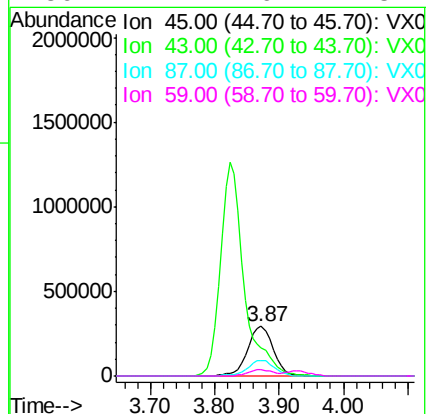
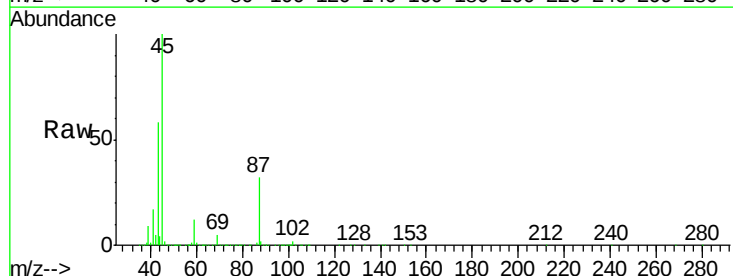
Ion Ratio Lower Upper

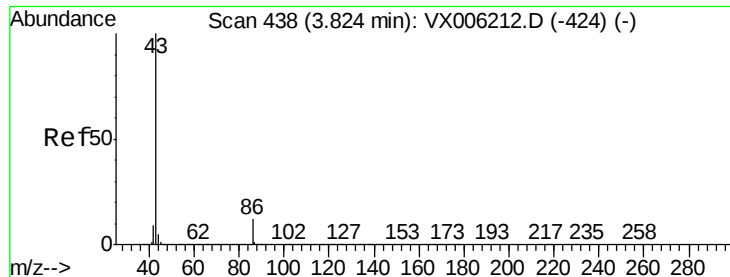
45 100

43 57.7 46.2 69.2

87 32.0 24.9 37.3

59 12.1 9.1 13.7

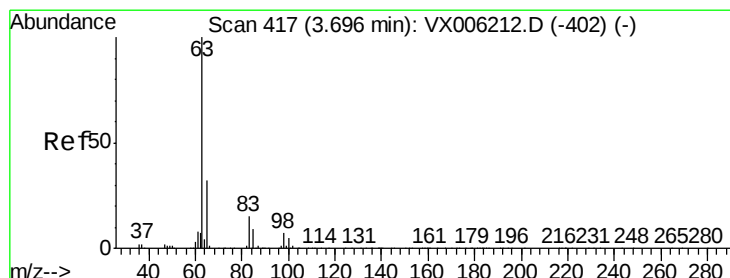
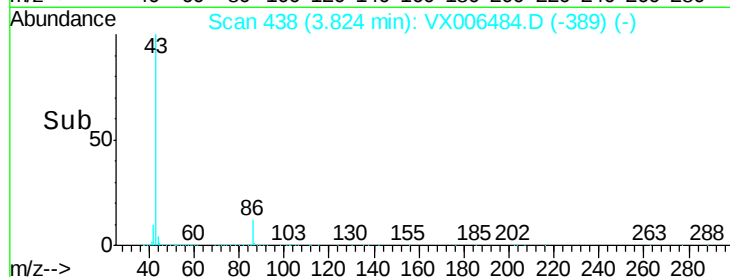
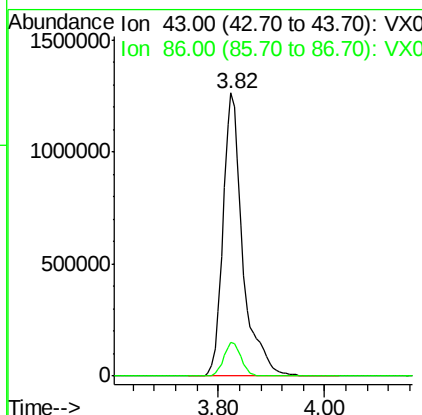
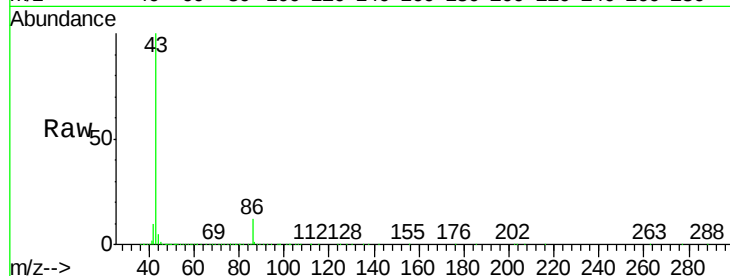




#23
 Vinyl Acetate
 Concen: 273.787 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

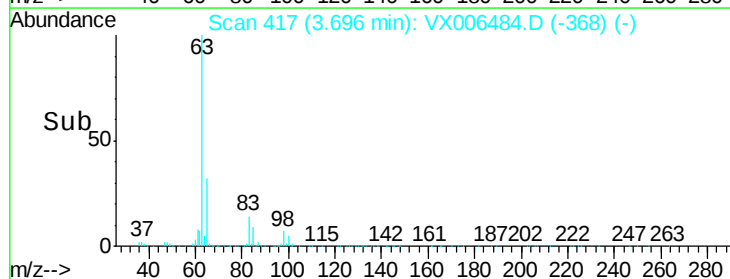
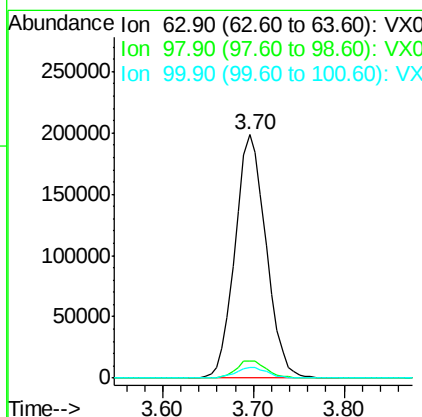
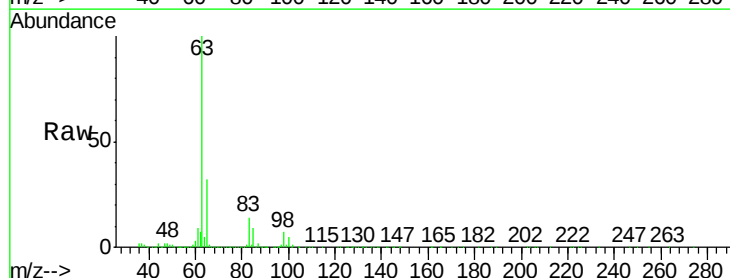
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

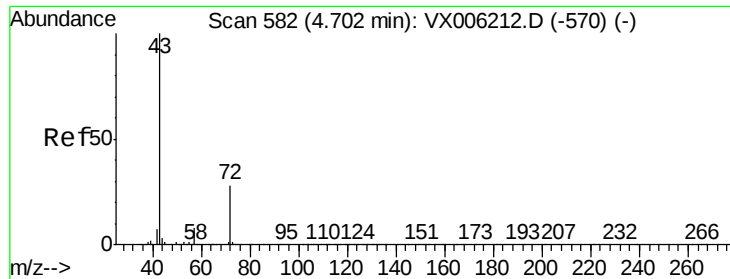
Tgt Ion: 43 Resp: 3269133
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 58.893 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Tgt Ion: 63 Resp: 471249
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.4
 100 4.6 2.5 7.4





#25

2-Butanone

Concen: 284.048 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

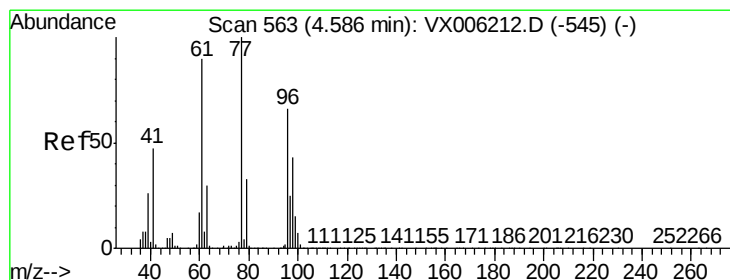
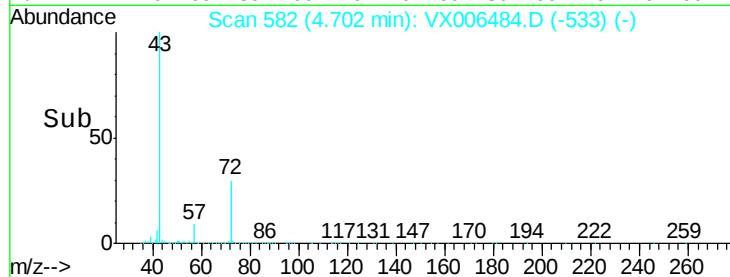
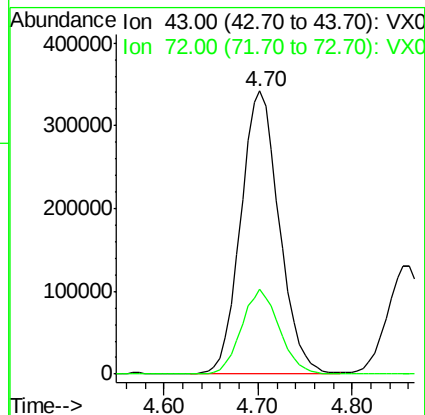
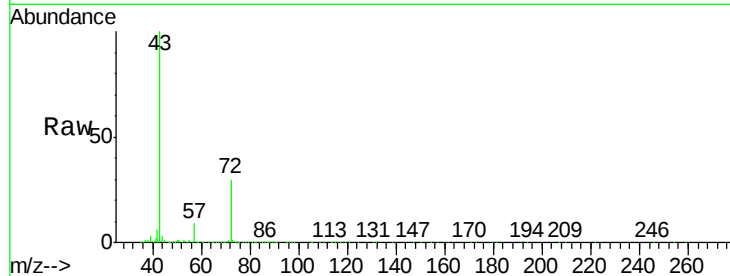
VSTDCCC050EC

Tgt Ion: 43 Resp: 973601

Ion Ratio Lower Upper

43 100

72 29.9 22.6 33.8



#26

2,2-Dichloropropane

Concen: 31.881 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006484.D

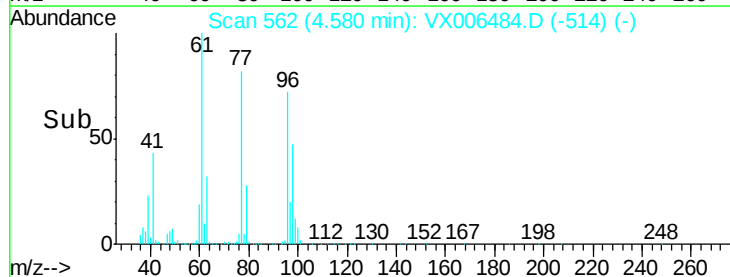
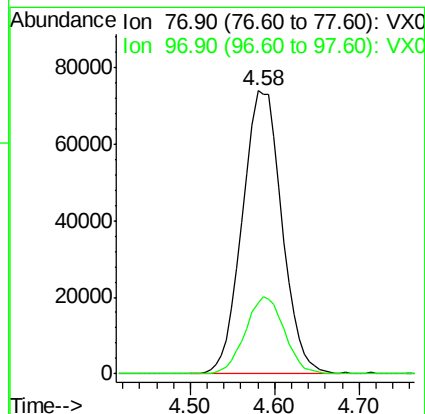
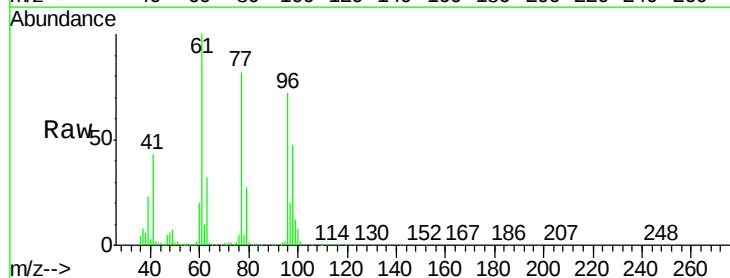
Acq: 13 Dec 2018 09:32

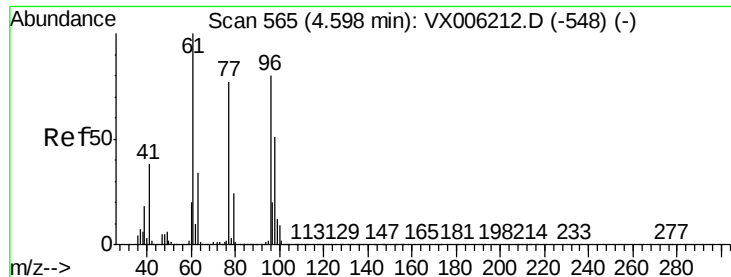
Tgt Ion: 77 Resp: 235433

Ion Ratio Lower Upper

77 100

97 26.9 12.3 36.8



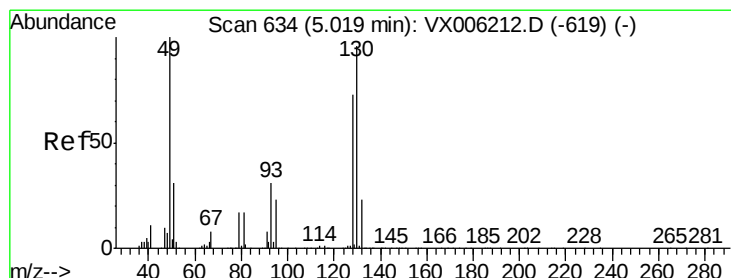
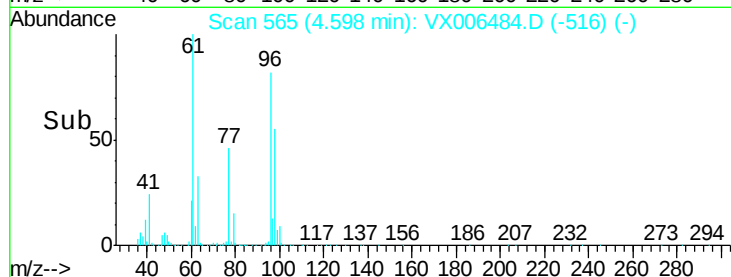
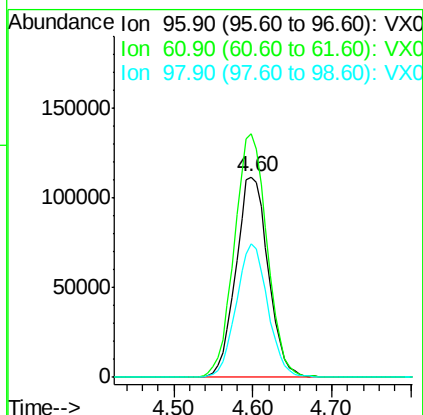
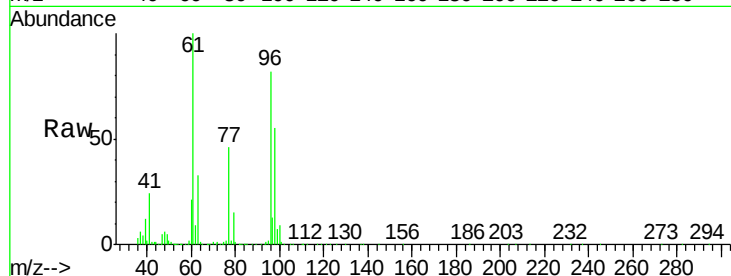


#27

cis-1,2-Dichloroethene
Concen: 59.043 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

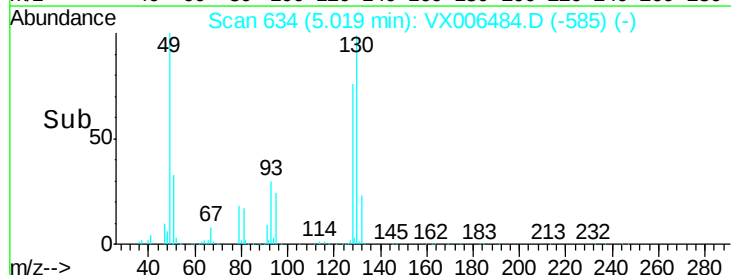
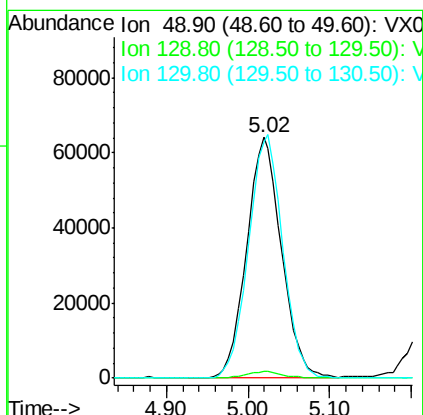
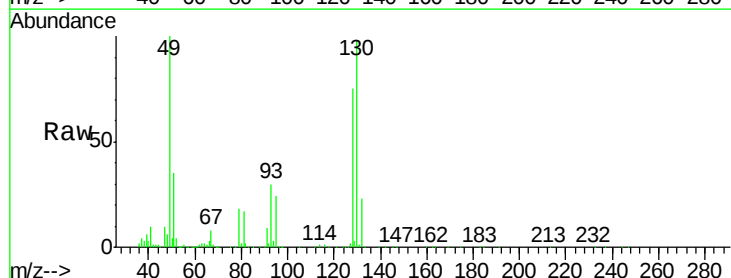
Tgt Ion: 96 Resp: 318439
Ion Ratio Lower Upper
96 100
61 123.0 0.0 265.0
98 65.1 0.0 130.2

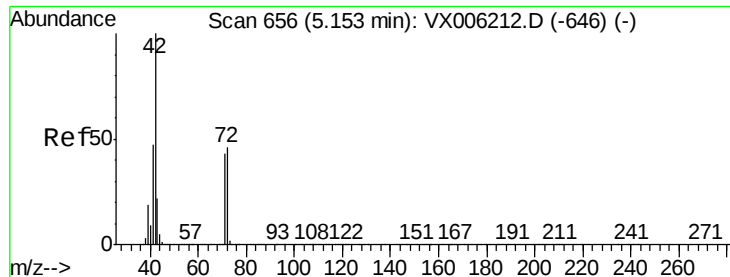


#28

Bromochloromethane
Concen: 54.555 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion: 49 Resp: 190678
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.0
130 99.5 78.3 117.5

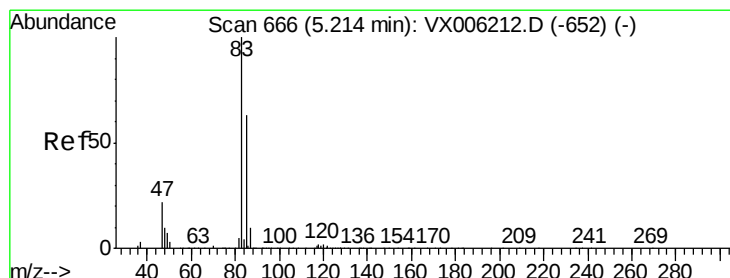
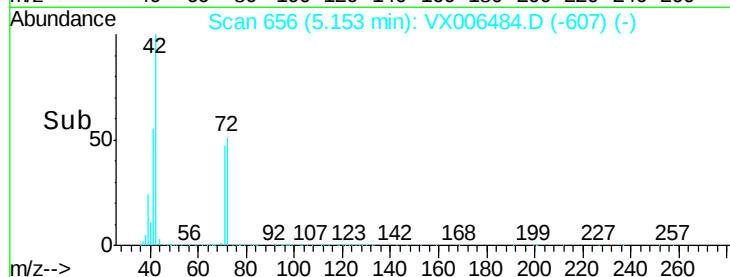
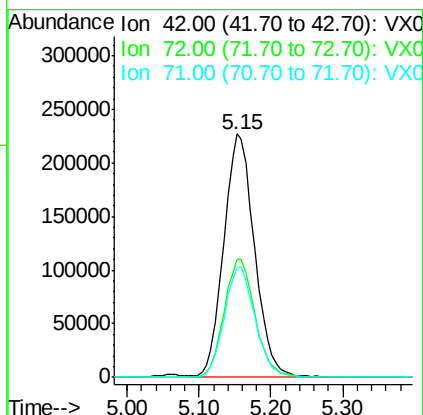
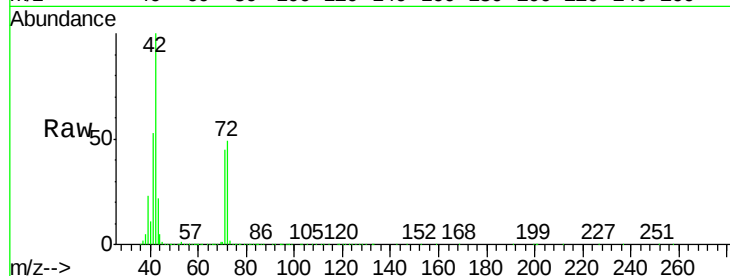




#29
Tetrahydrofuran
Concen: 280.959 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

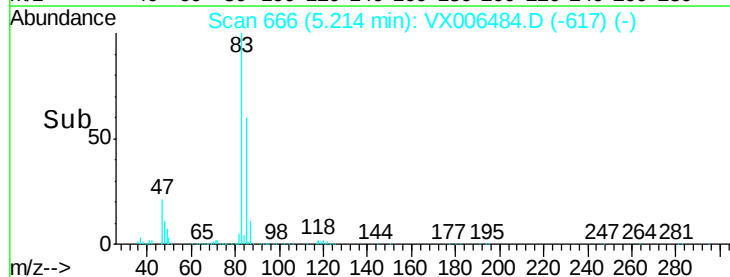
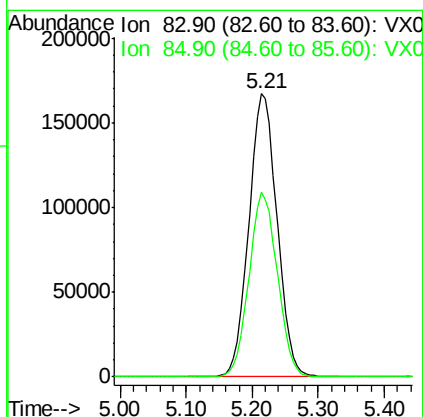
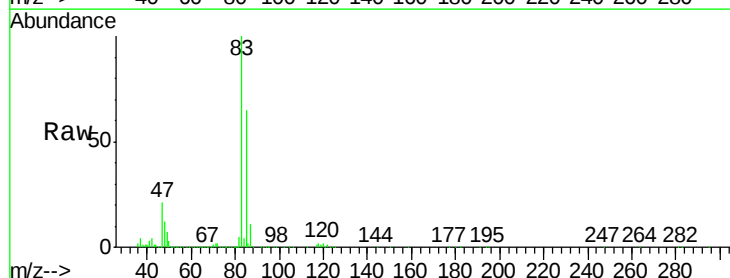
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

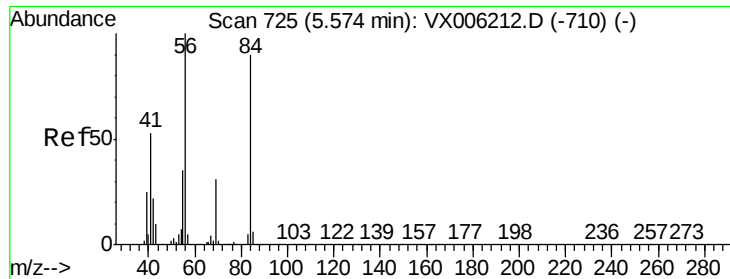
Tgt Ion: 42 Resp: 669294
Ion Ratio Lower Upper
42 100
72 49.0 37.8 56.8
71 45.6 35.2 52.8



#30
Chloroform
Concen: 59.126 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion: 83 Resp: 497181
Ion Ratio Lower Upper
83 100
85 65.2 50.3 75.5

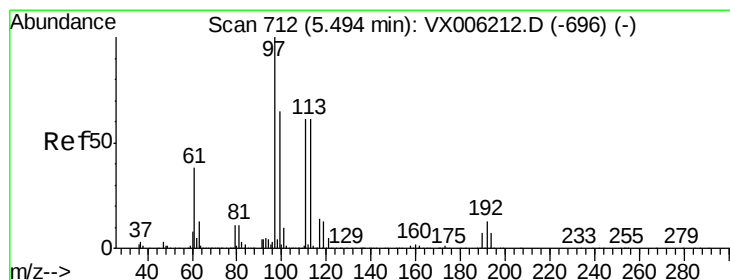
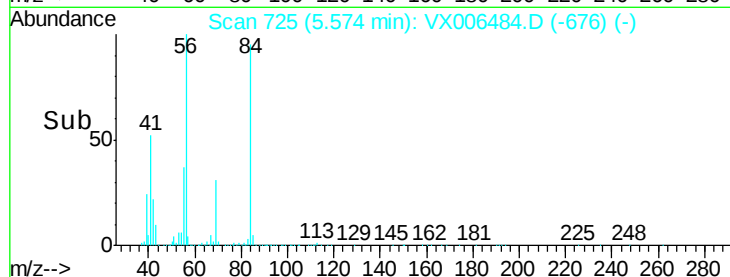
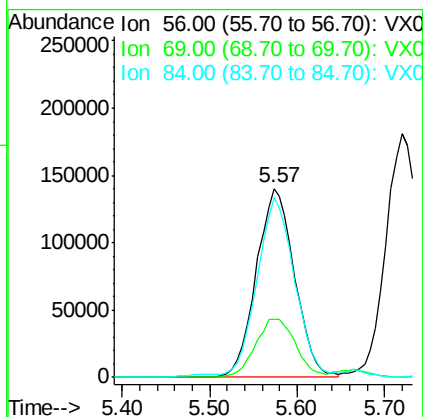
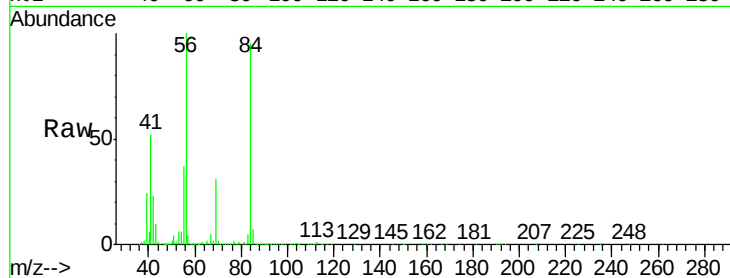




#31
Cyclohexane
Concen: 57.680 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

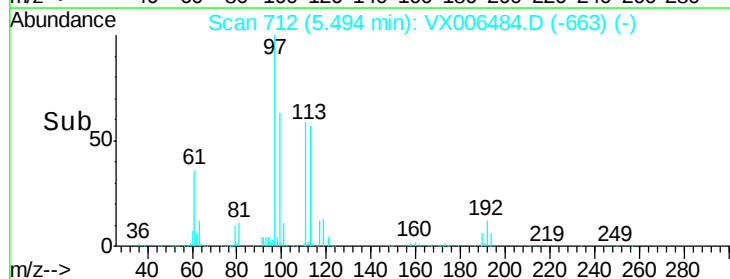
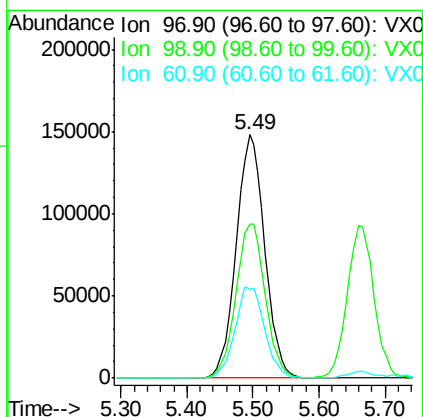
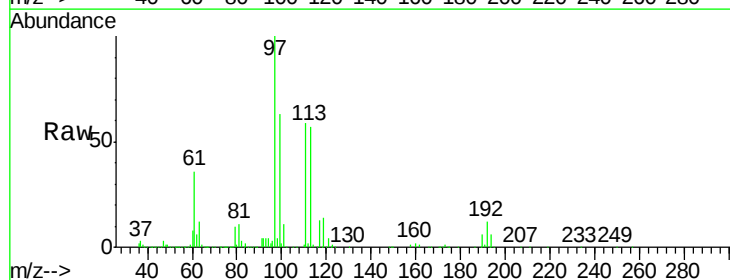
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 426537
Ion Ratio Lower Upper
56 100
69 30.7 24.5 36.7
84 93.8 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 55.269 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion: 97 Resp: 442194
Ion Ratio Lower Upper
97 100
99 65.1 51.6 77.4
61 39.3 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 56.915 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

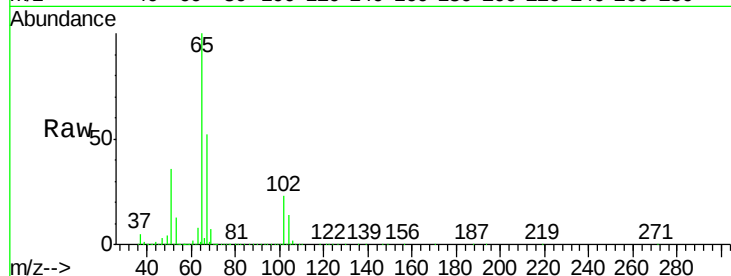
VSTDCCC050EC

Tgt Ion: 65 Resp: 291333

Ion Ratio Lower Upper

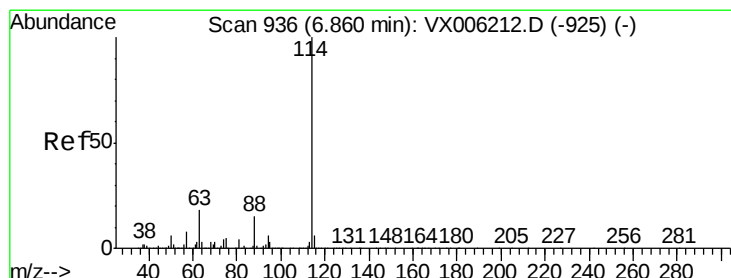
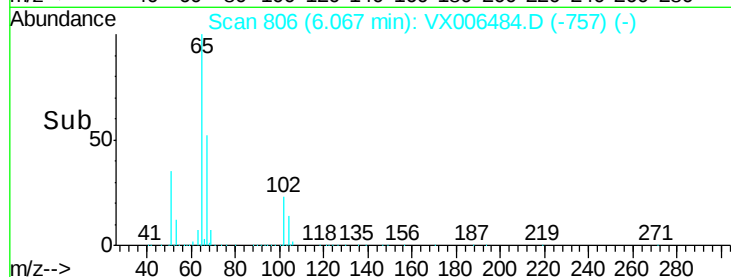
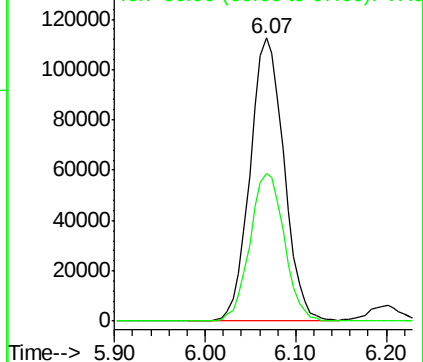
65 100

67 52.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

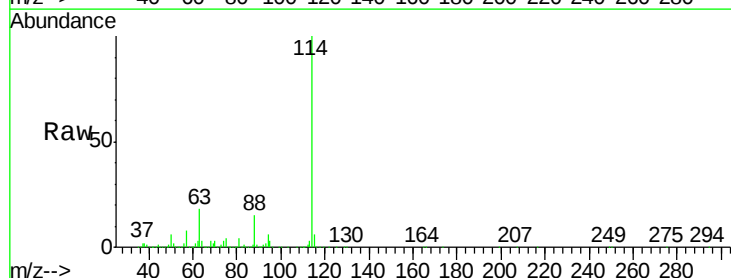
Tgt Ion: 114 Resp: 797072

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.6

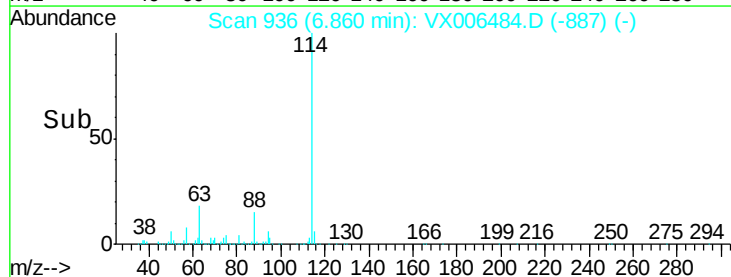
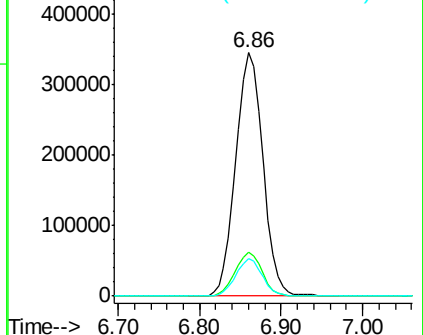
88 15.2 0.0 29.0

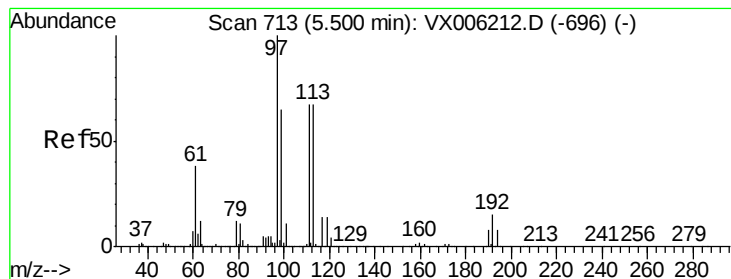


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.377 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

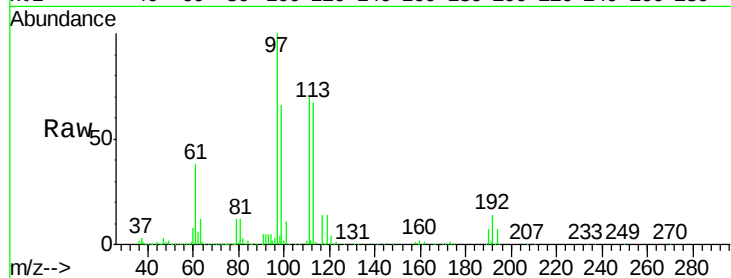
Tgt Ion:113 Resp: 270301

Ion Ratio Lower Upper

113 100

111 103.9 81.1 121.7

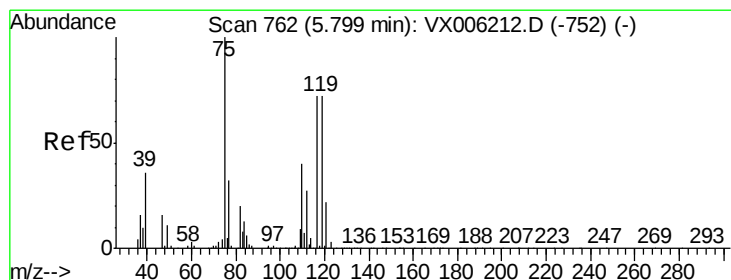
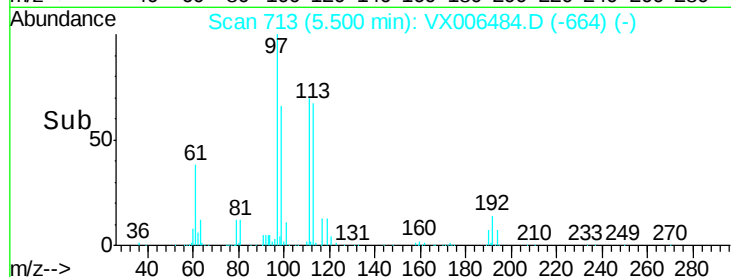
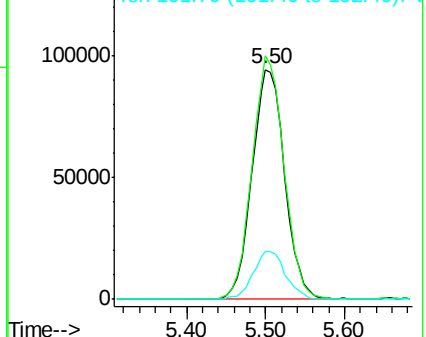
192 21.0 18.2 27.2



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: 54.145 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

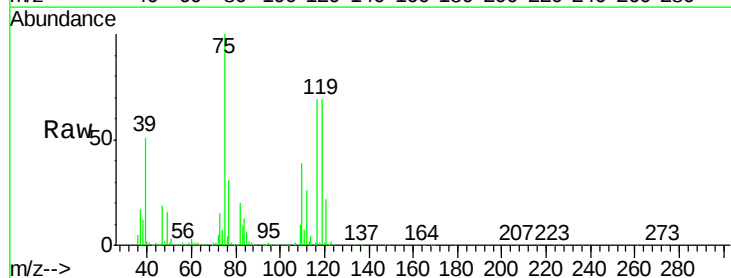
Tgt Ion: 75 Resp: 363431

Ion Ratio Lower Upper

75 100

110 40.7 20.4 61.3

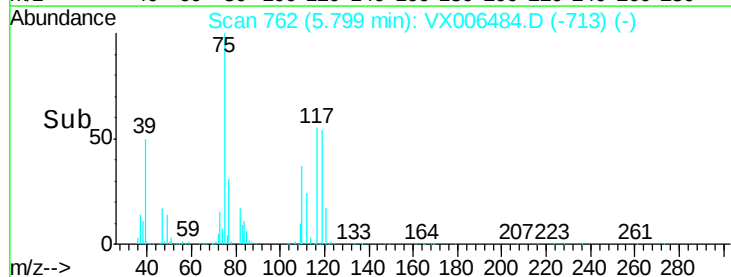
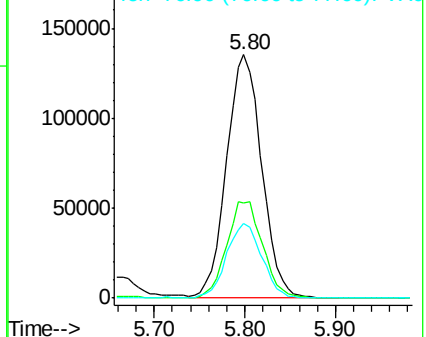
77 30.8 24.9 37.3

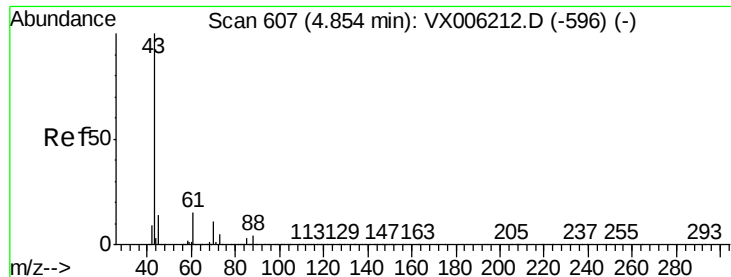


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

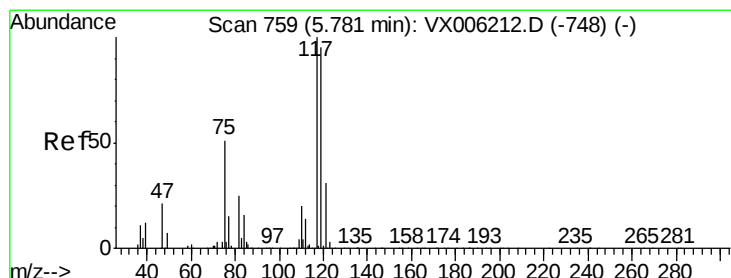
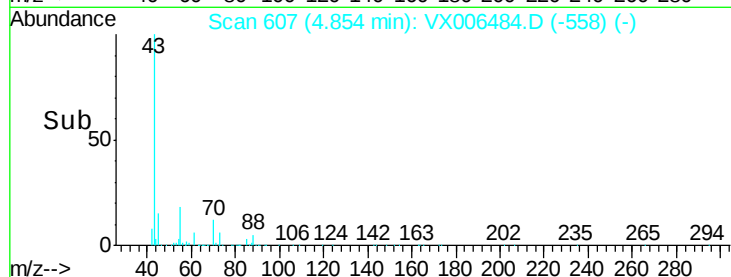
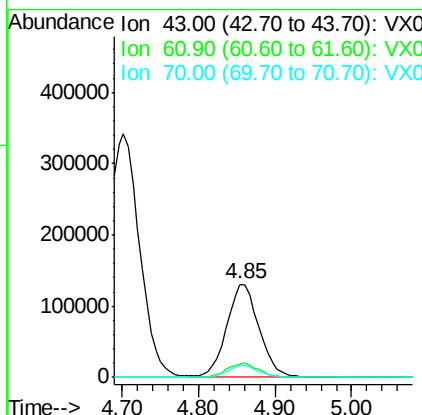
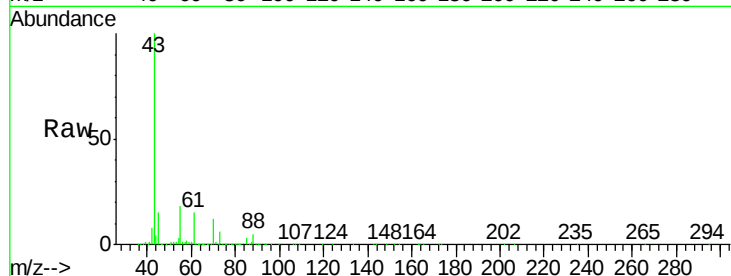




#37
Ethyl Acetate
Concen: 50.561 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

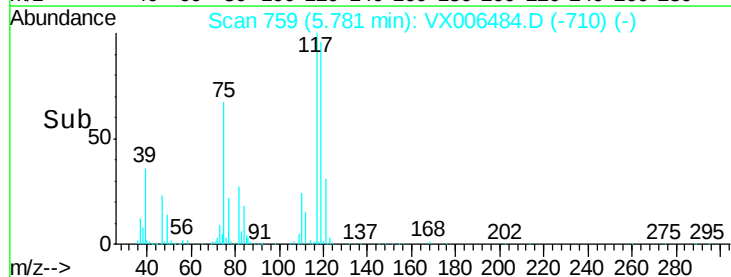
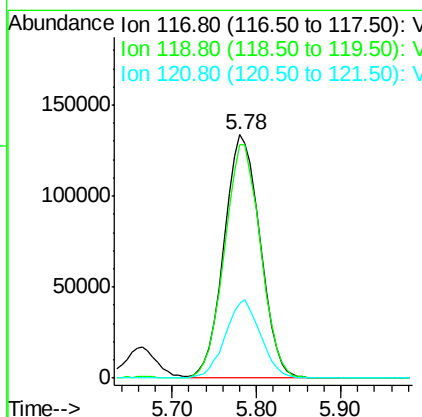
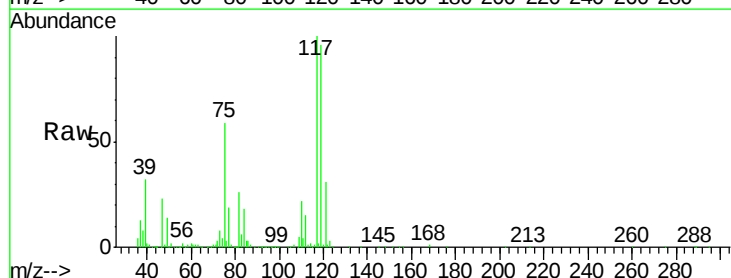
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

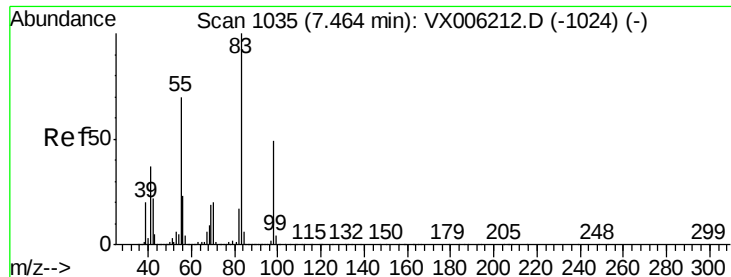
Tgt Ion: 43 Resp: 380058
Ion Ratio Lower Upper
43 100
61 14.6 11.5 17.3
70 12.5 9.0 13.6



#38
Carbon Tetrachloride
Concen: 49.220 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion: 117 Resp: 388653
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8
121 30.6 24.6 37.0

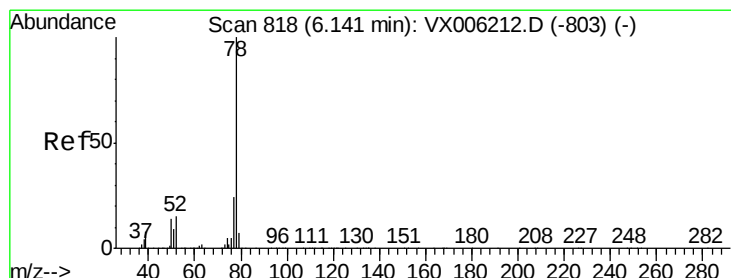
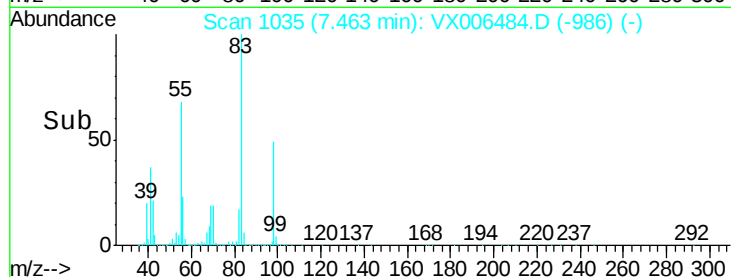
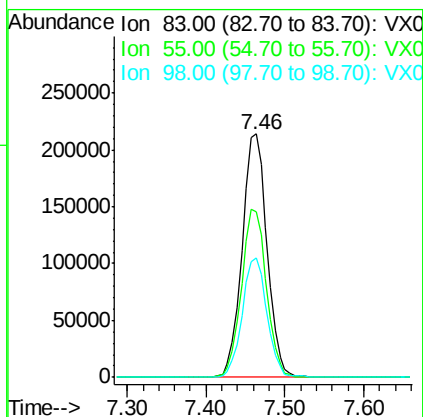
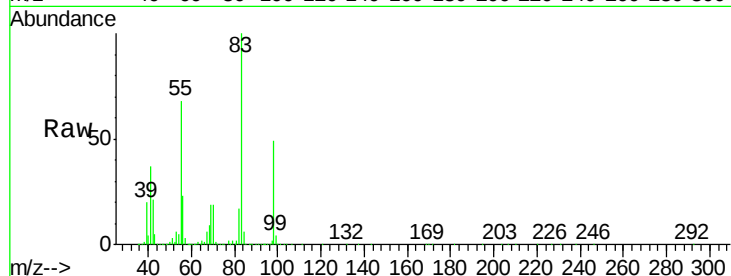




#39
Methylcyclohexane
Concen: 54.015 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

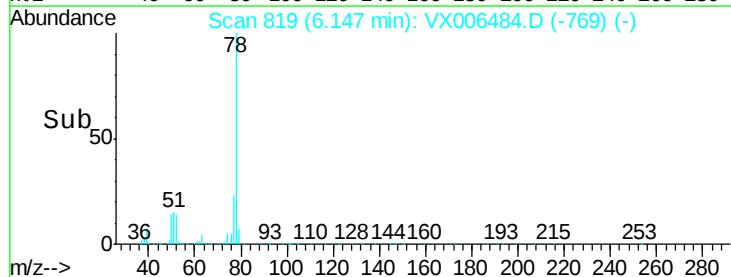
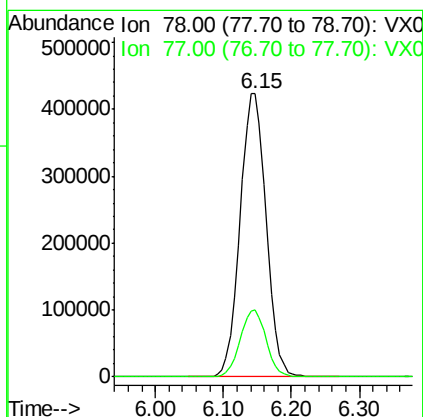
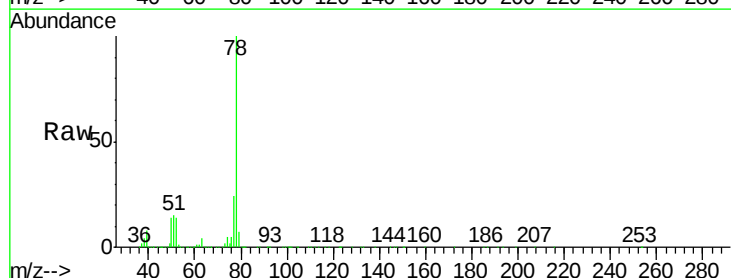
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 470613
Ion Ratio Lower Upper
83 100
55 68.2 56.4 84.6
98 49.3 39.0 58.6



#40
Benzene
Concen: 56.048 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion: 78 Resp: 1126760
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8





#41

Methacrylonitrile

Concen: 50.986 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 210884

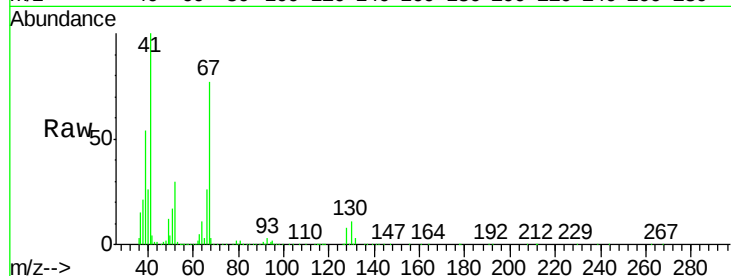
Ion Ratio Lower Upper

41 100

39 55.8 44.0 66.0

67 80.9 61.4 92.0

52 30.0 23.5 35.3

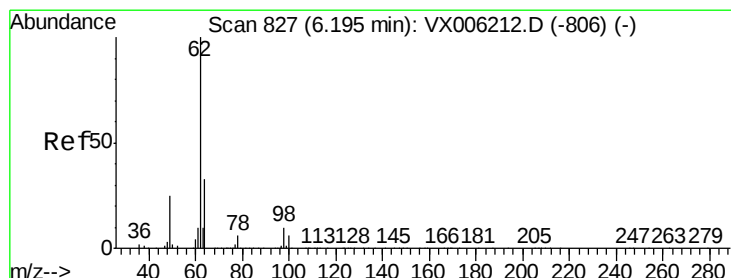
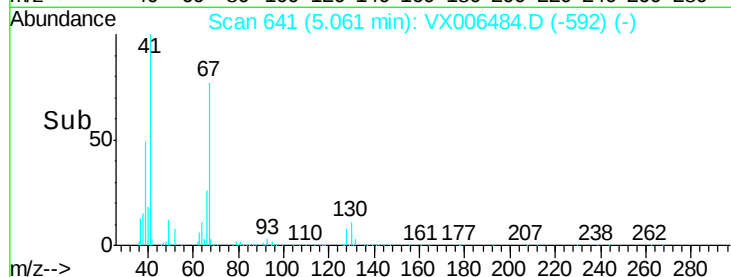
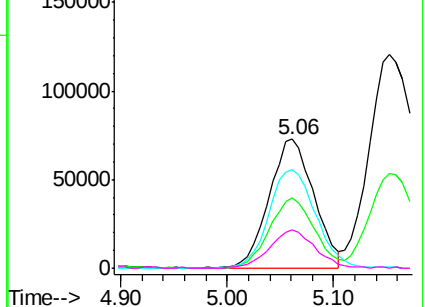


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 56.468 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006484.D

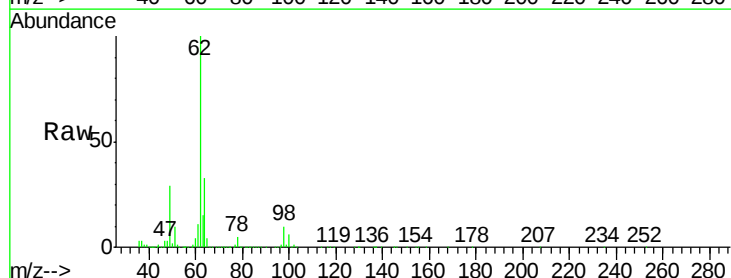
Acq: 13 Dec 2018 09:32

Tgt Ion: 62 Resp: 371535

Ion Ratio Lower Upper

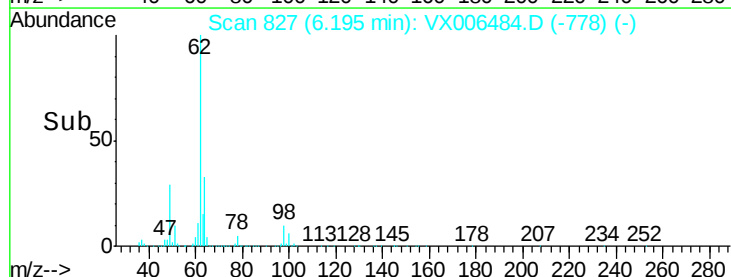
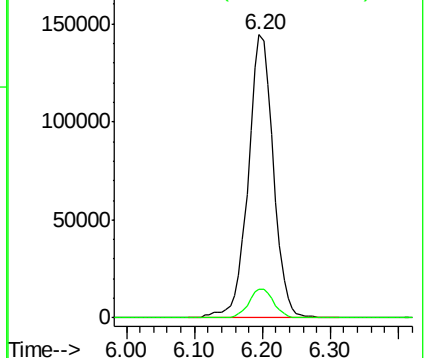
62 100

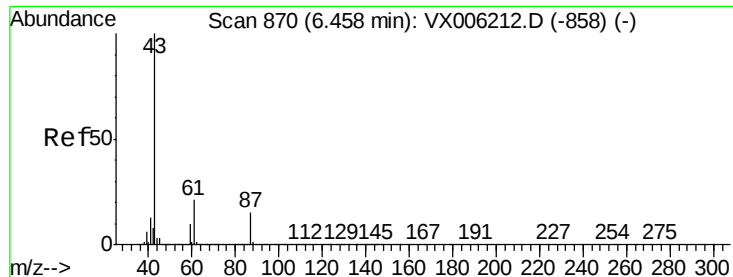
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.712 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

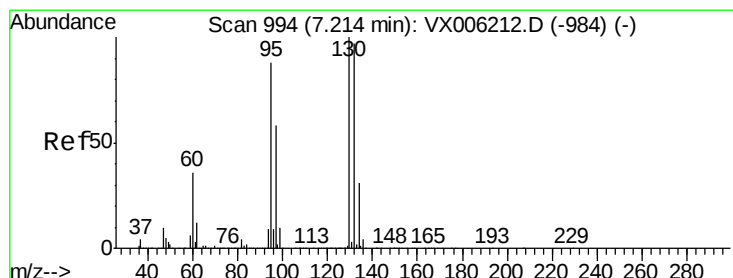
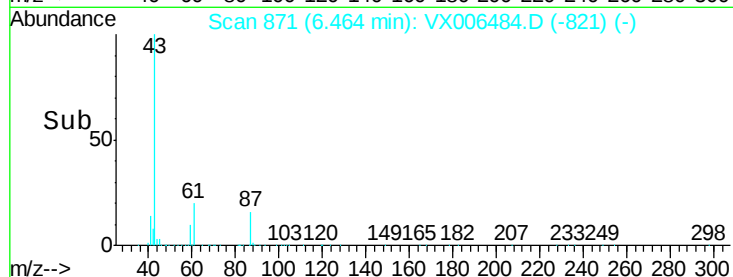
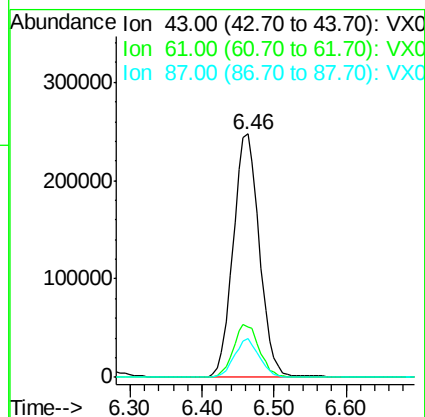
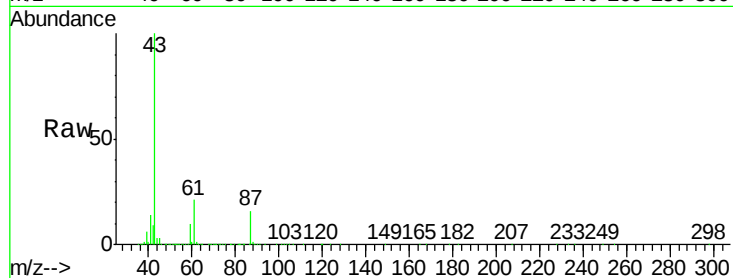
Tgt Ion: 43 Resp: 623019

Ion Ratio Lower Upper

43 100

61 21.7 16.8 25.2

87 15.2 11.9 17.9



#44

Trichloroethene

Concen: 53.823 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006484.D

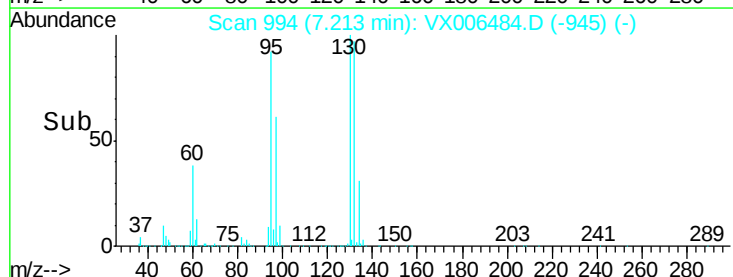
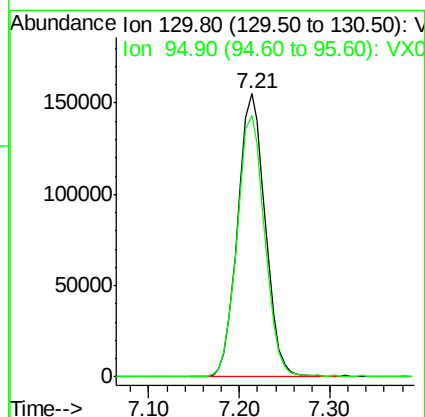
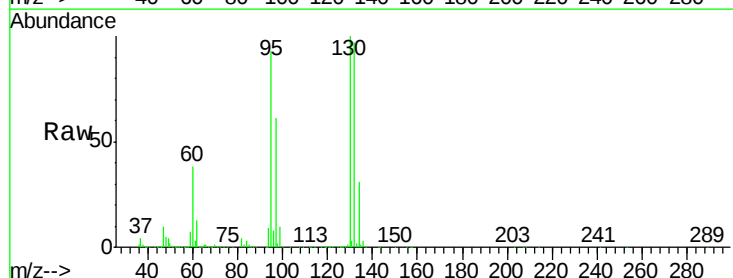
Acq: 13 Dec 2018 09:32

Tgt Ion:130 Resp: 327795

Ion Ratio Lower Upper

130 100

95 92.5 0.0 175.8





#45

1,2-Dichloropropane

Concen: 53.959 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

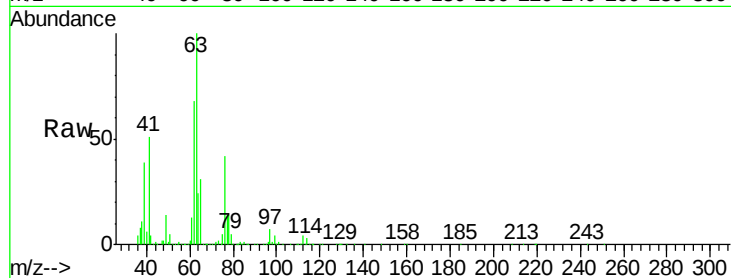
VSTDCCC050EC

Tgt Ion: 63 Resp: 275695

Ion Ratio Lower Upper

63 100

65 30.6 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

150000

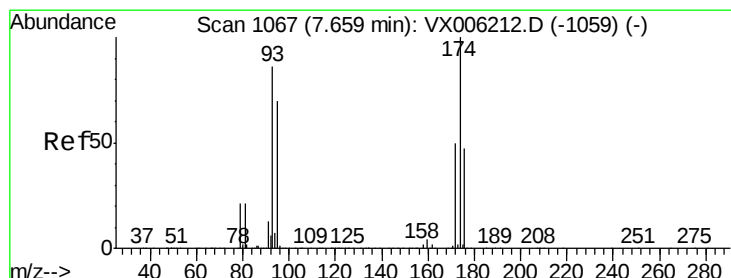
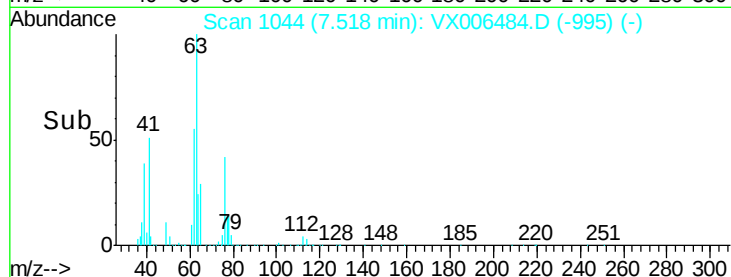
100000

50000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 55.334 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

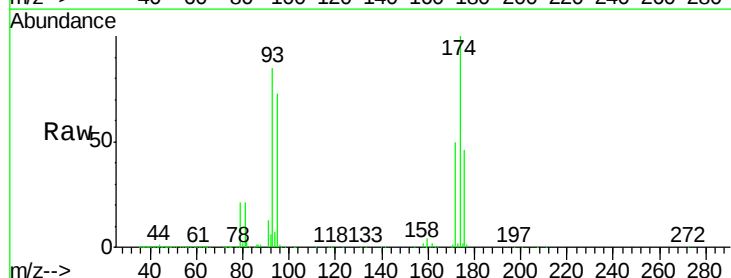
Tgt Ion: 93 Resp: 204188

Ion Ratio Lower Upper

93 100

95 82.4 66.2 99.4

174 113.2 97.2 145.8



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

150000

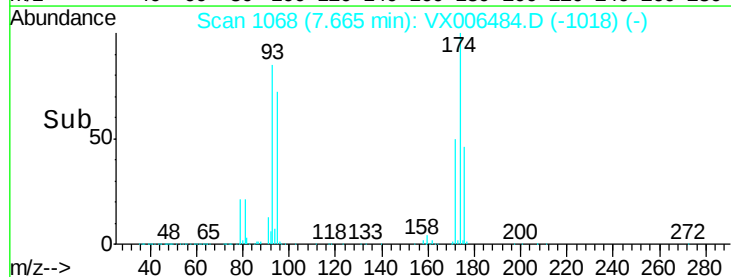
100000

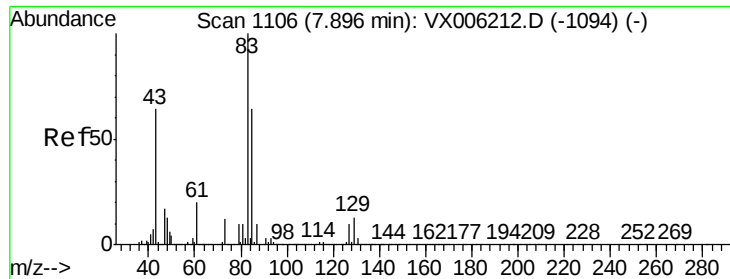
50000

0

Time-->

7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 49.884 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

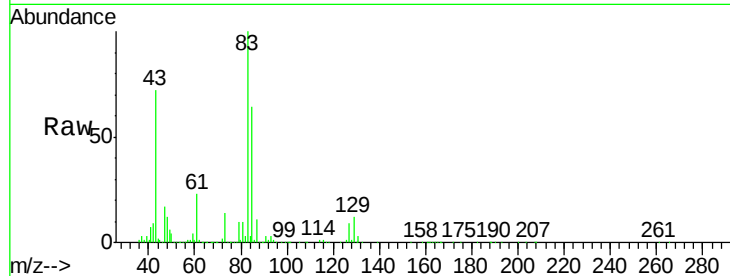
Tgt Ion: 83 Resp: 356469

Ion Ratio Lower Upper

83 100

85 64.3 51.4 77.0

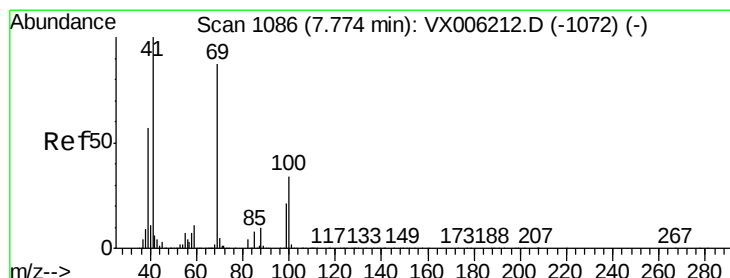
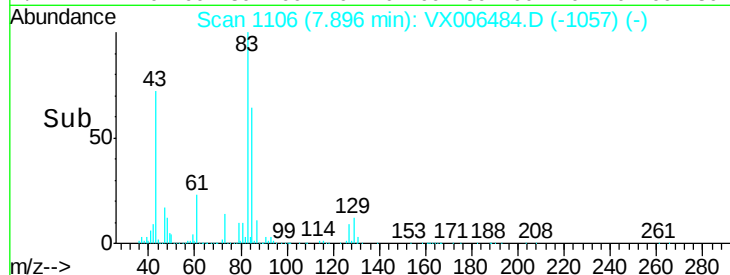
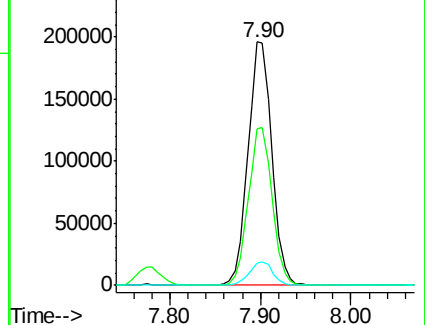
127 9.2 7.9 11.9



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: 51.831 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

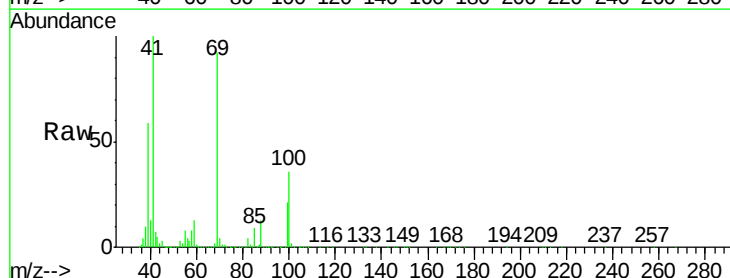
Tgt Ion: 41 Resp: 316009

Ion Ratio Lower Upper

41 100

69 91.2 70.3 105.5

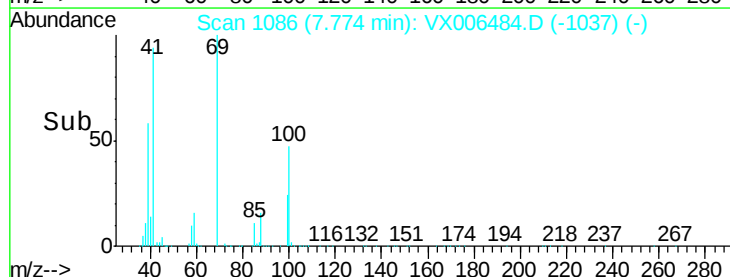
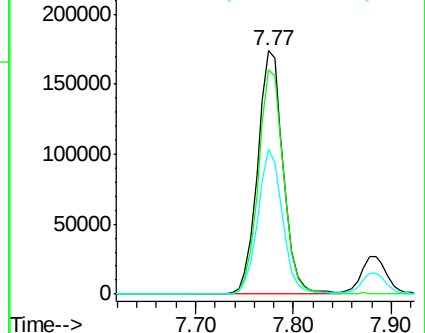
39 57.1 45.3 67.9

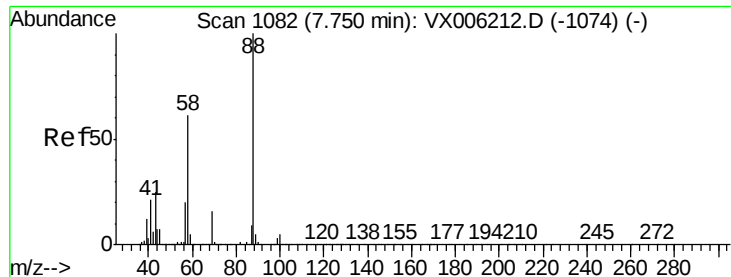


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

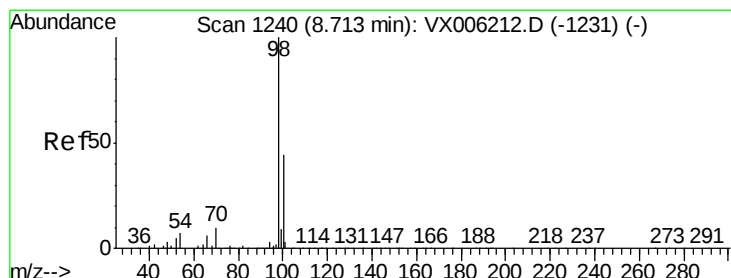
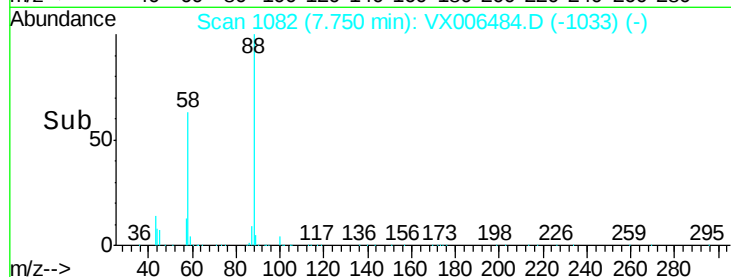
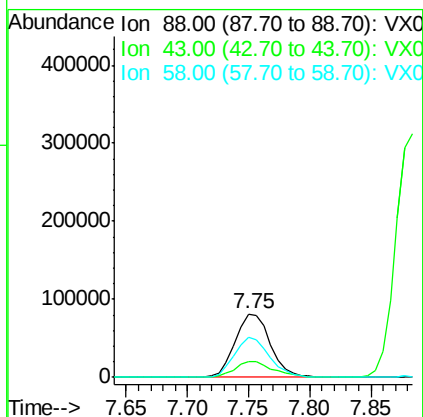
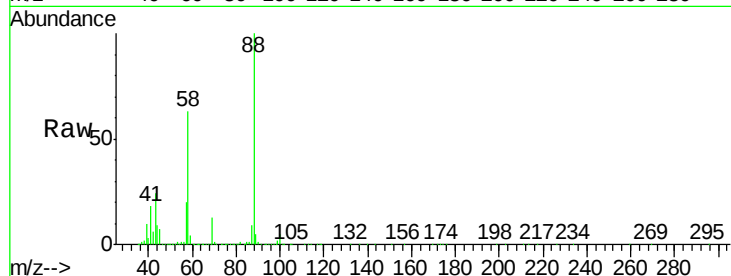




#49
1,4-Dioxane
Concen: 1076.726 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

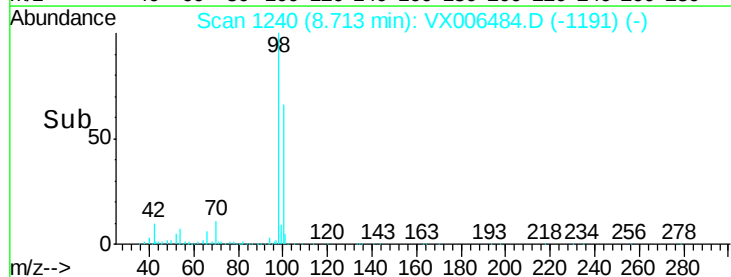
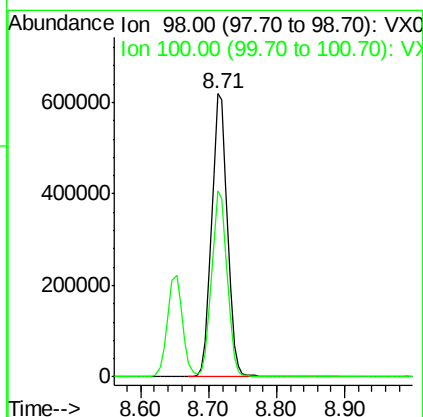
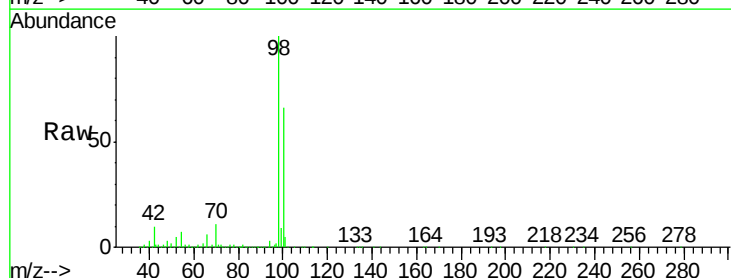
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 161798
Ion Ratio Lower Upper
88 100
43 26.9 23.2 34.8
58 63.5 51.4 77.0



#50
Toluene-d8
Concen: 52.926 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion: 98 Resp: 993514
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2

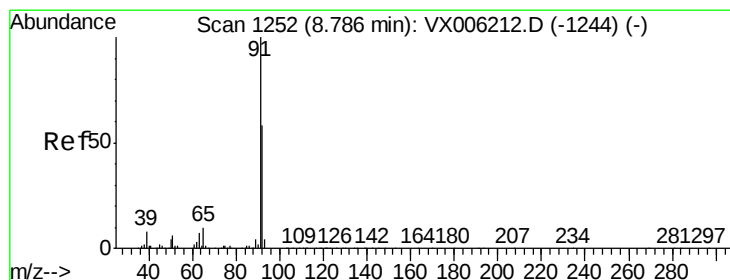
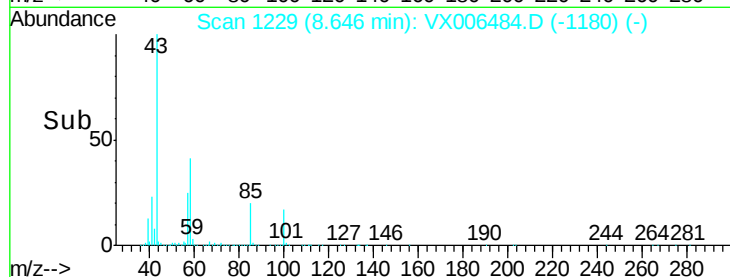
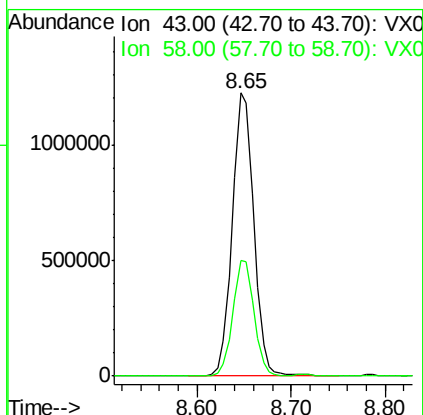
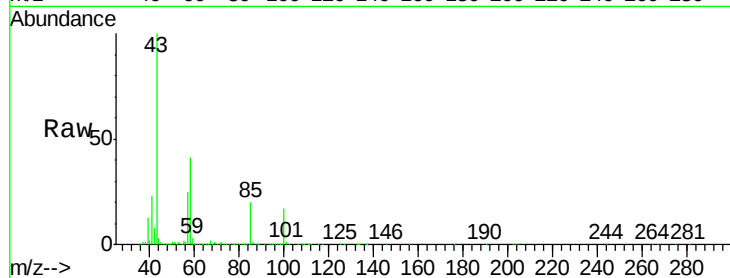




#51
 4-Methyl-2-Pentanone
 Concen: 265.859 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

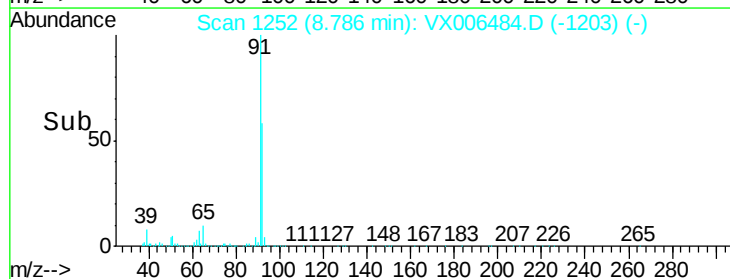
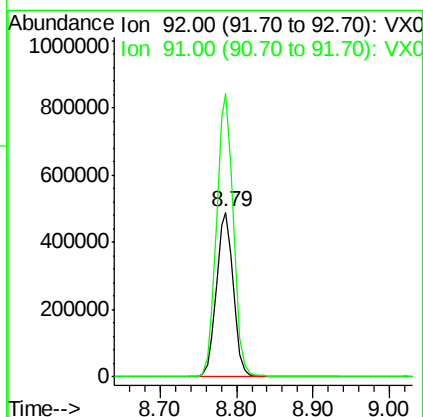
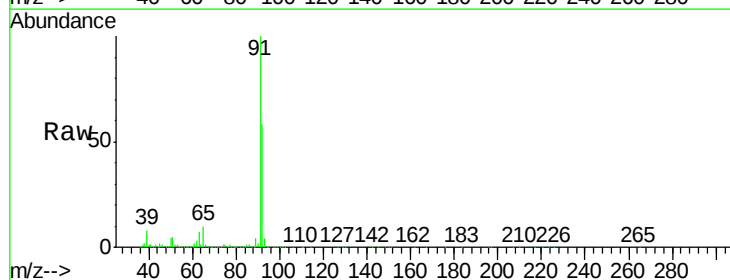
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

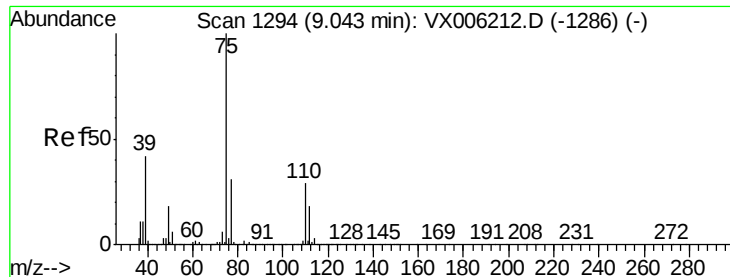
Tgt Ion: 43 Resp: 1939644
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.3 46.9



#52
 Toluene
 Concen: 56.305 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Tgt Ion: 92 Resp: 744691
 Ion Ratio Lower Upper
 92 100
 91 171.7 139.2 208.8

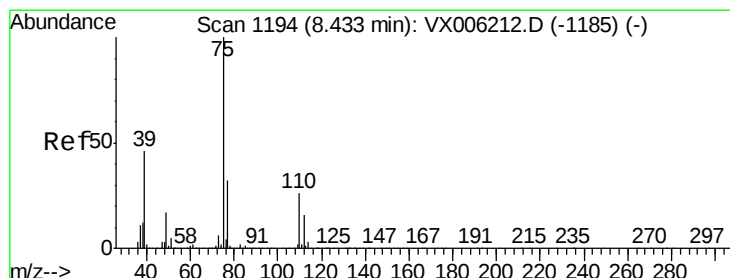
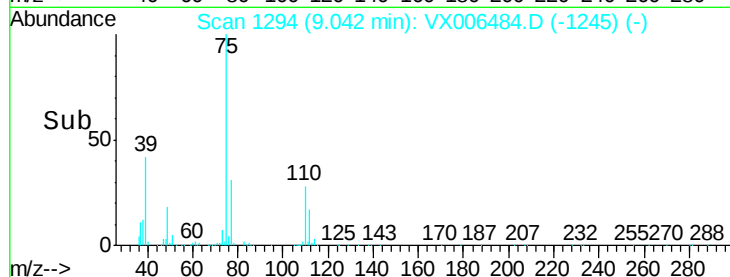
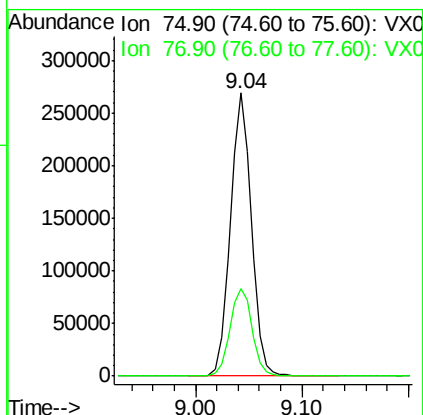
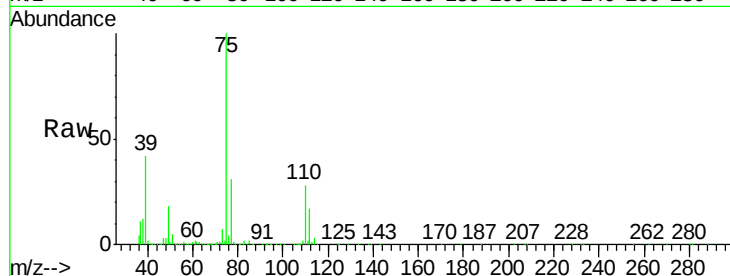




#53
t-1,3-Dichloropropene
Concen: 44.586 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

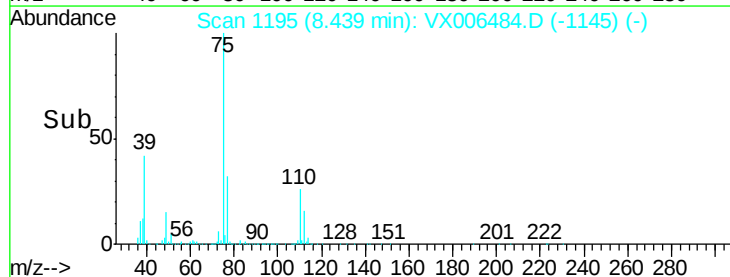
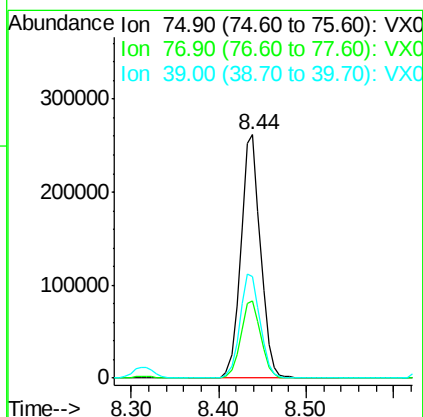
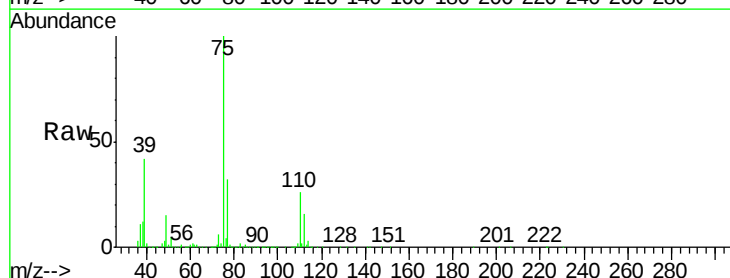
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

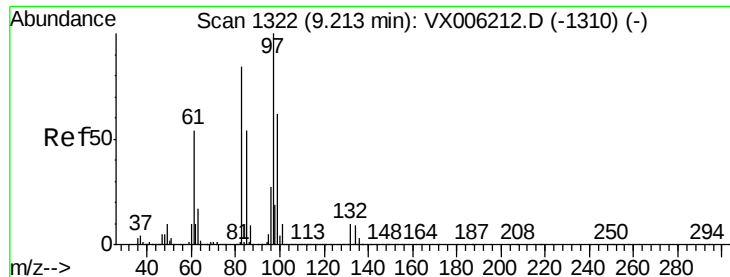
Tgt Ion: 75 Resp: 372614
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 47.065 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion: 75 Resp: 408429
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4
39 41.5 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 56.413 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 303117

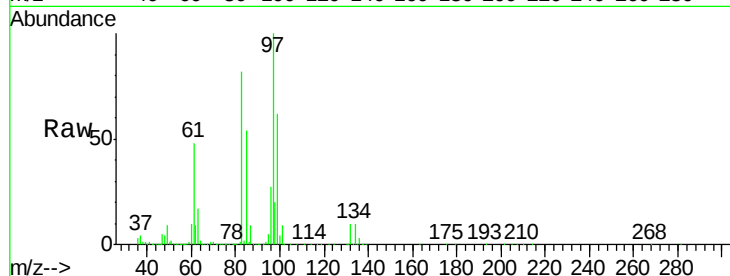
Ion Ratio Lower Upper

97 100

83 81.9 67.1 100.7

85 53.9 43.2 64.8

99 61.7 49.8 74.6

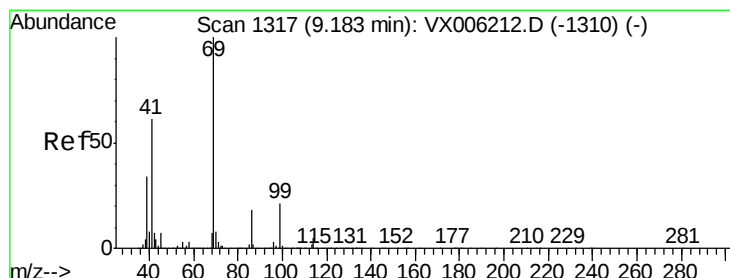
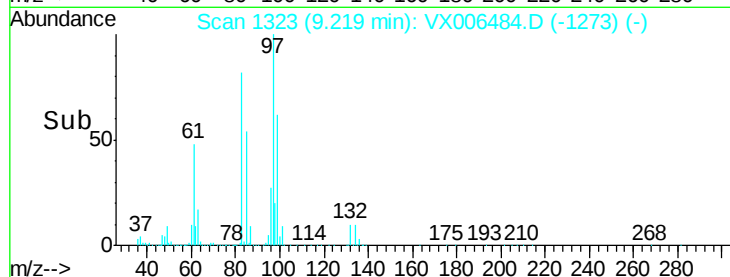
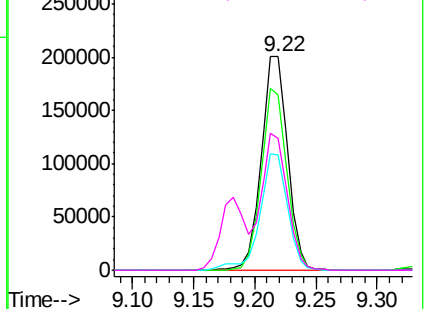


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 54.567 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

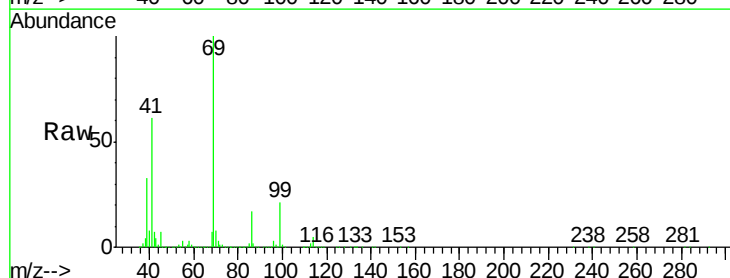
Tgt Ion: 69 Resp: 458359

Ion Ratio Lower Upper

69 100

41 61.1 50.6 76.0

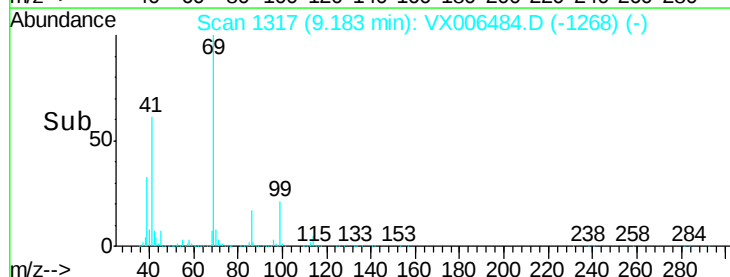
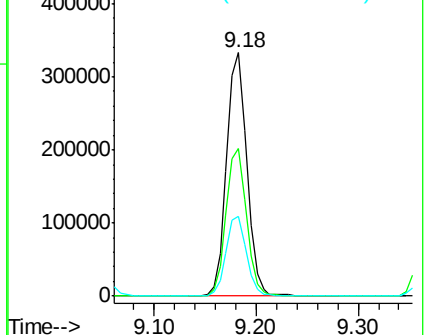
39 33.1 27.6 41.4

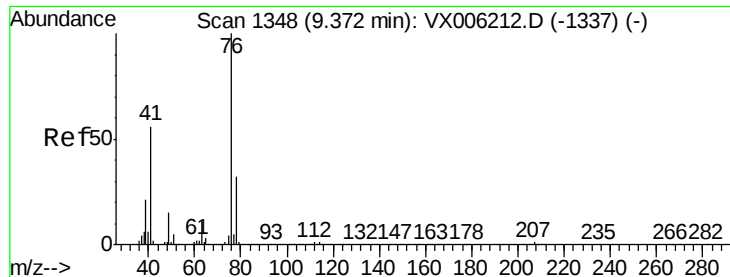


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 56.454 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

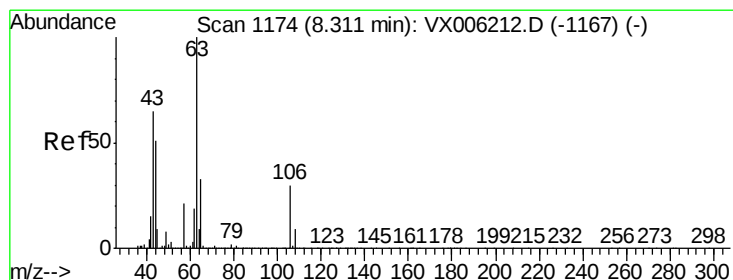
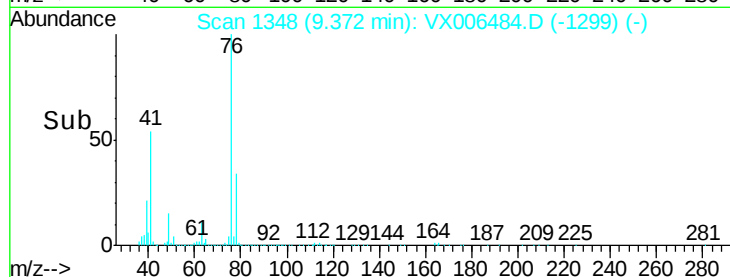
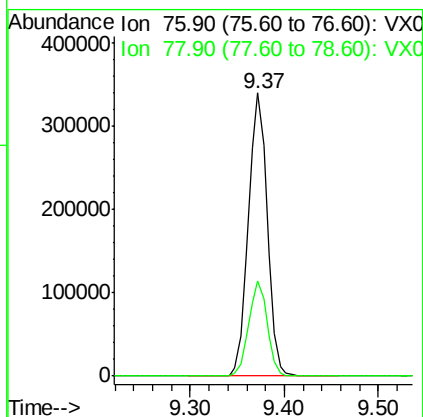
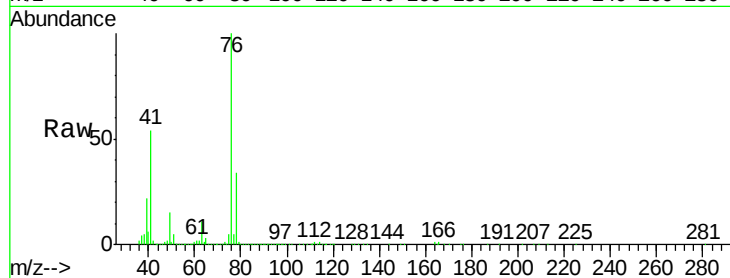
VSTDCCC050EC

Tgt Ion: 76 Resp: 479662

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 241.818 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX006484.D

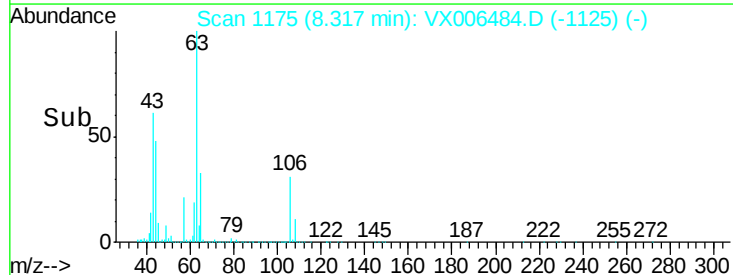
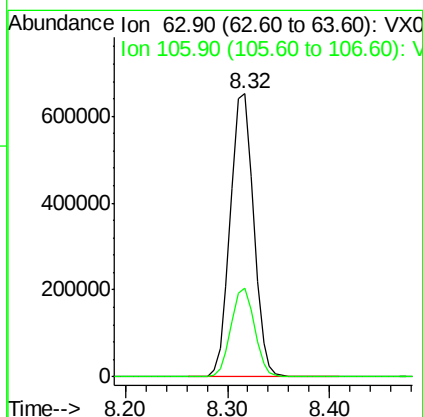
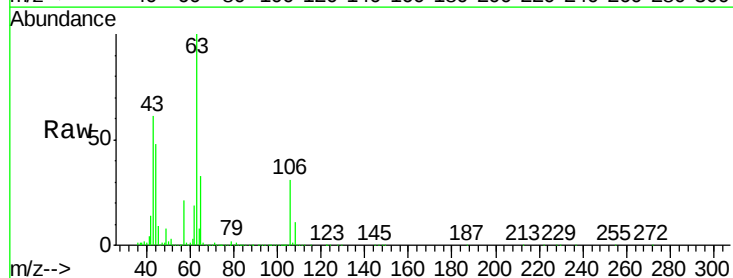
Acq: 13 Dec 2018 09:32

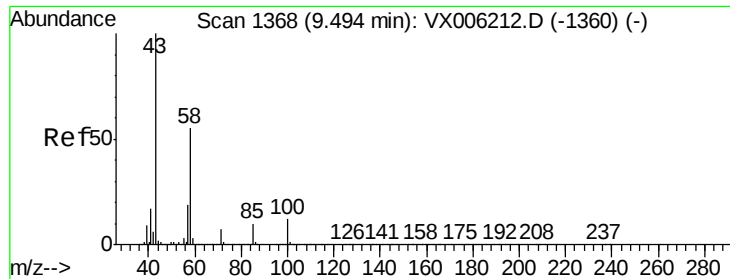
Tgt Ion: 63 Resp: 1030769

Ion Ratio Lower Upper

63 100

106 31.6 24.9 37.3

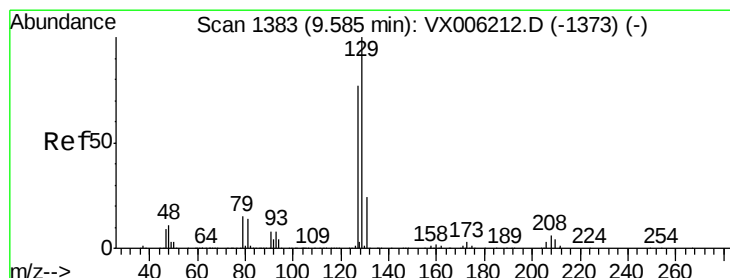
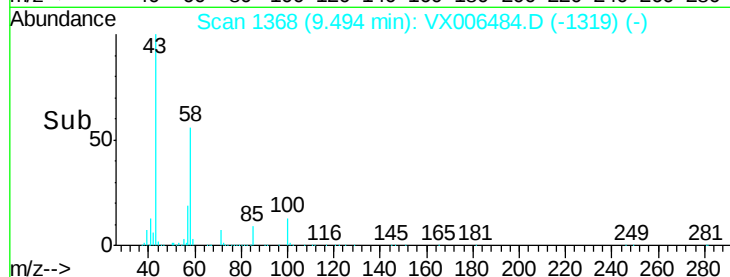
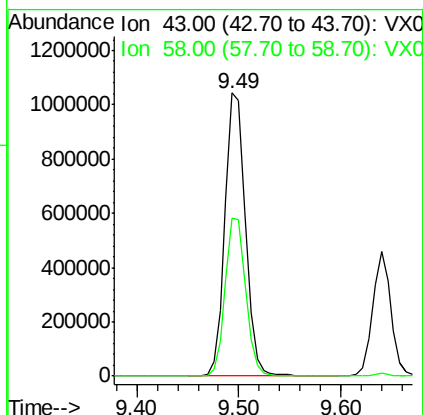
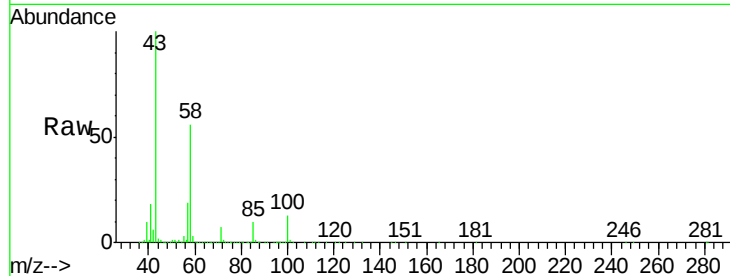




#59
2-Hexanone
Concen: 261.009 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

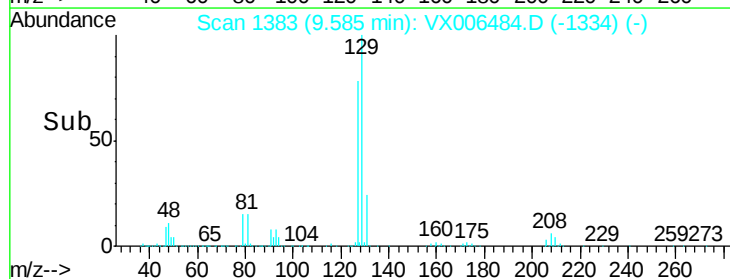
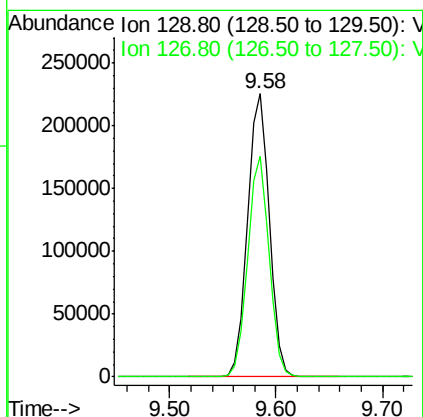
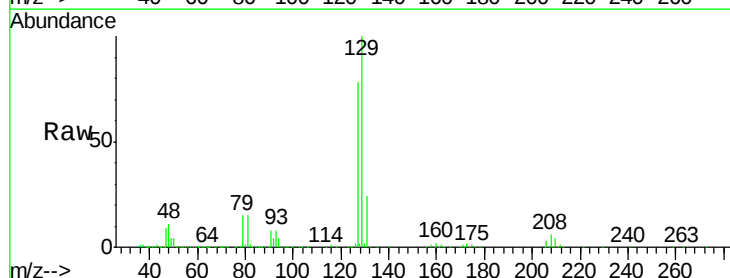
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

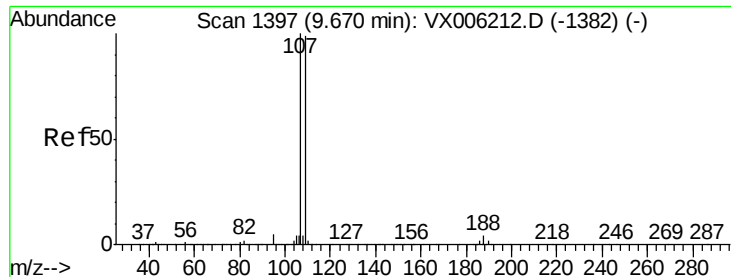
Tgt Ion: 43 Resp: 1454863
Ion Ratio Lower Upper
43 100
58 56.3 27.7 83.1



#60
Dibromochloromethane
Concen: 49.004 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion: 129 Resp: 324684
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 55.791 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

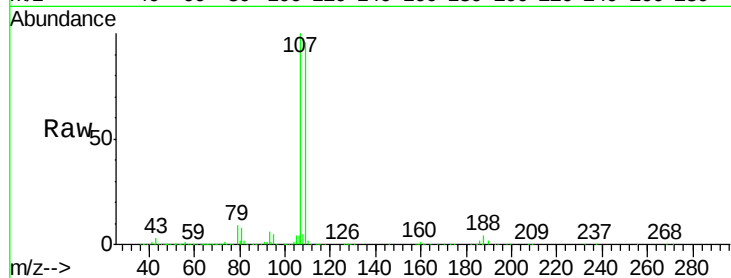
VSTDCCC050EC

Tgt Ion: 107 Resp: 335193

Ion Ratio Lower Upper

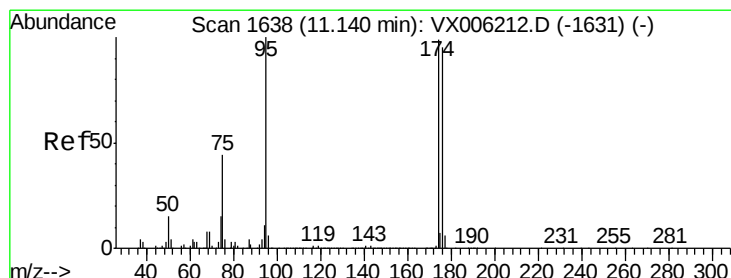
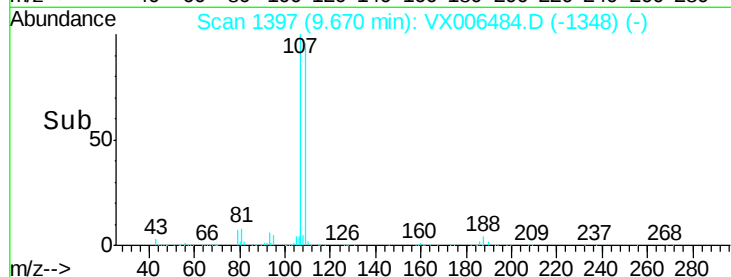
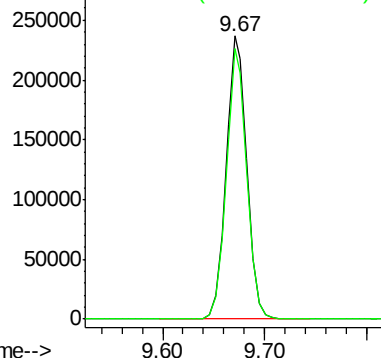
107 100

109 95.0 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.036 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

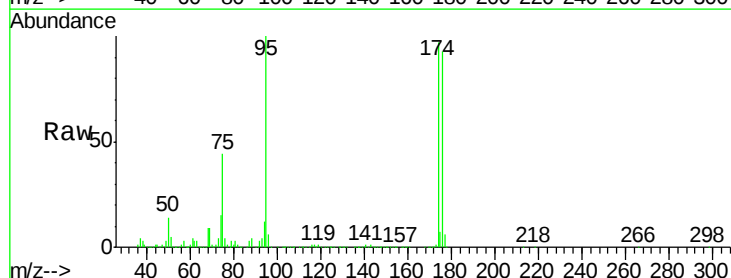
Tgt Ion: 95 Resp: 382236

Ion Ratio Lower Upper

95 100

174 92.2 0.0 187.0

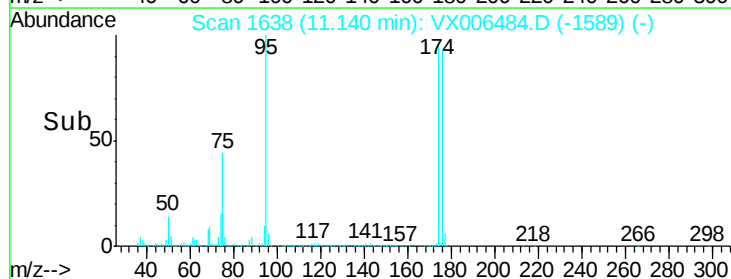
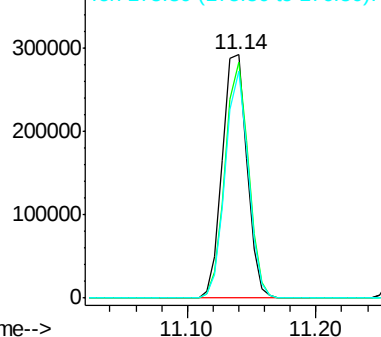
176 87.9 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

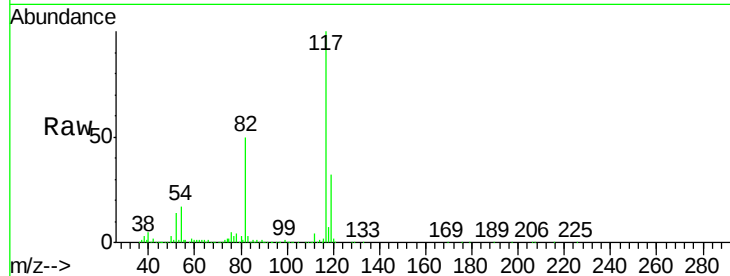
Tgt Ion:117 Resp: 736899

Ion Ratio Lower Upper

117 100

82 49.6 39.6 59.4

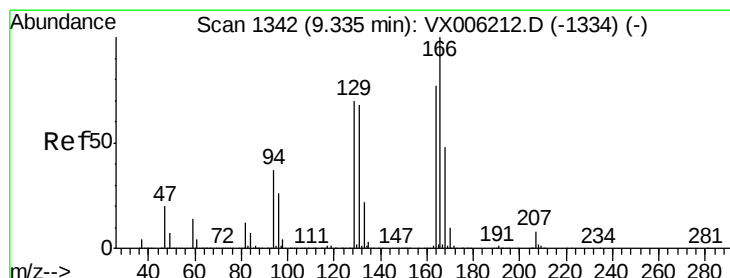
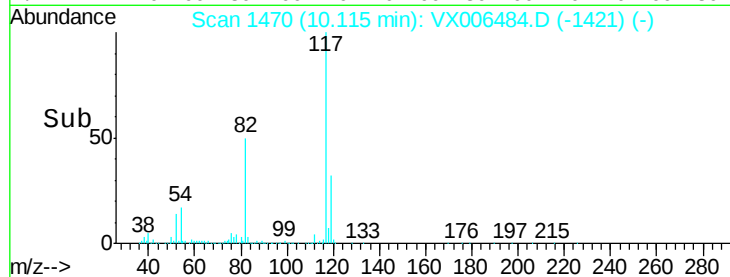
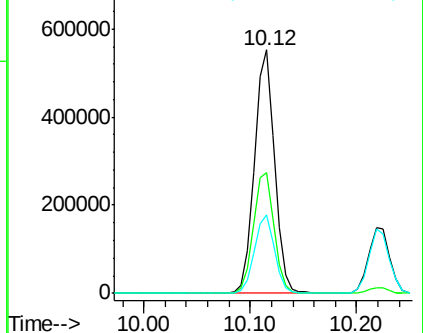
119 32.3 26.3 39.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 56.596 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Tgt Ion:164 Resp: 314082

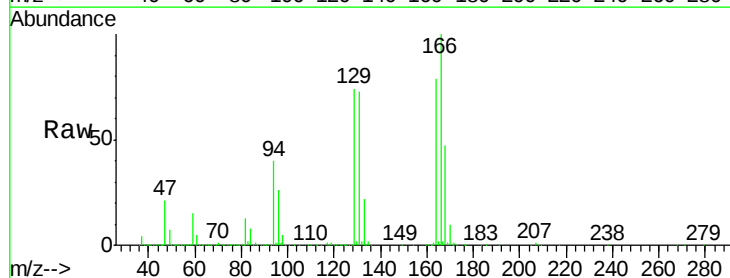
Ion Ratio Lower Upper

164 100

166 127.0 104.2 156.2

129 93.9 72.6 108.8

131 92.2 70.3 105.5

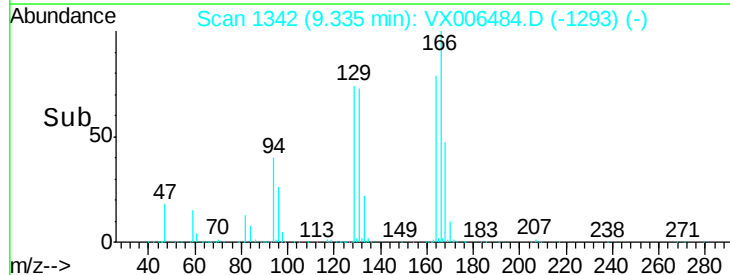
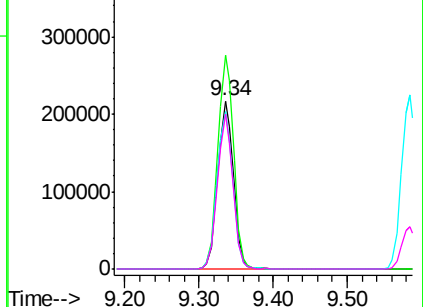


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 55.463 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

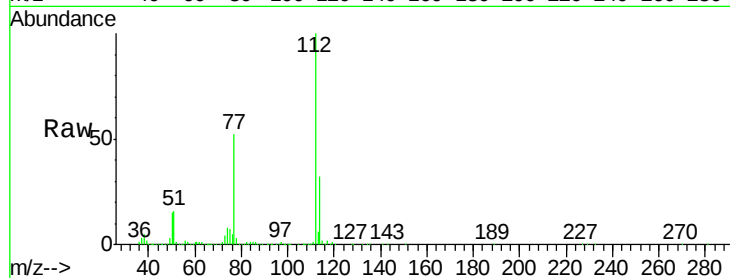
VSTDCCC050EC

Tgt Ion:112 Resp: 867596

Ion Ratio Lower Upper

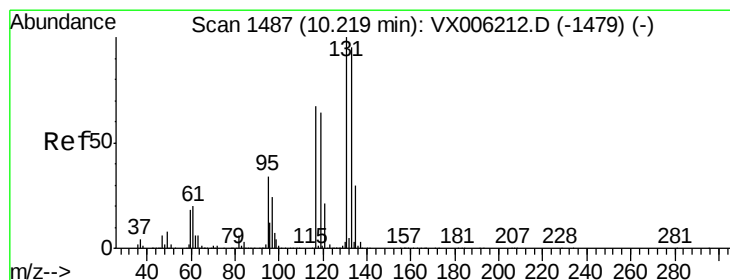
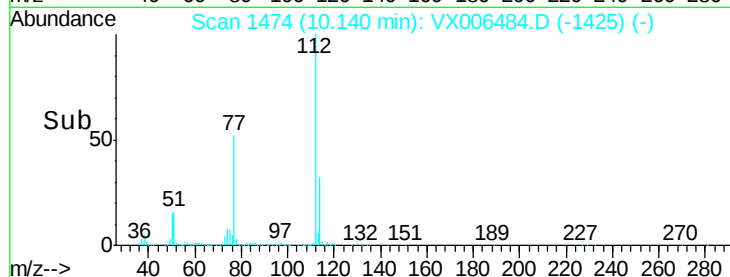
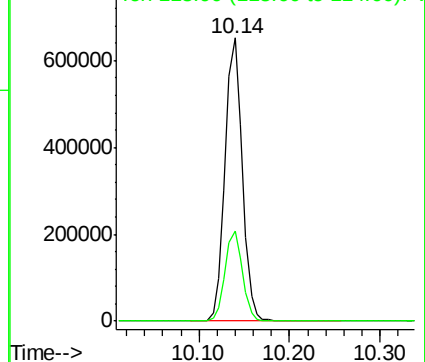
112 100

114 32.0 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.793 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

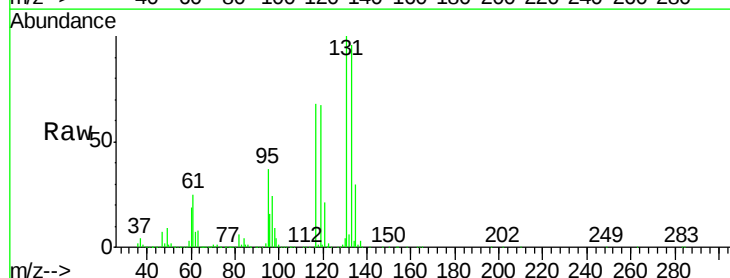
Tgt Ion:131 Resp: 308709

Ion Ratio Lower Upper

131 100

133 95.8 48.1 144.4

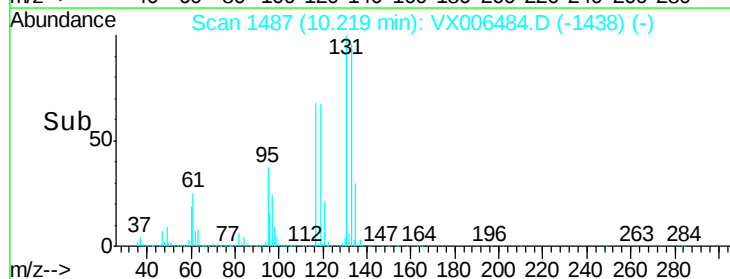
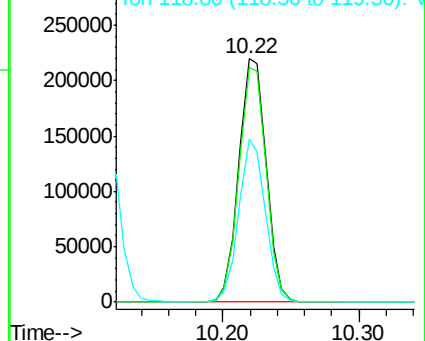
119 64.7 32.1 96.3

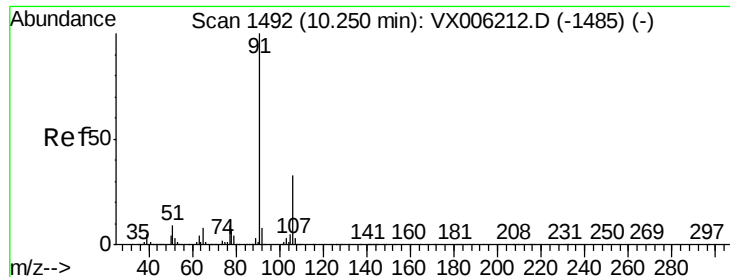


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 54.591 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

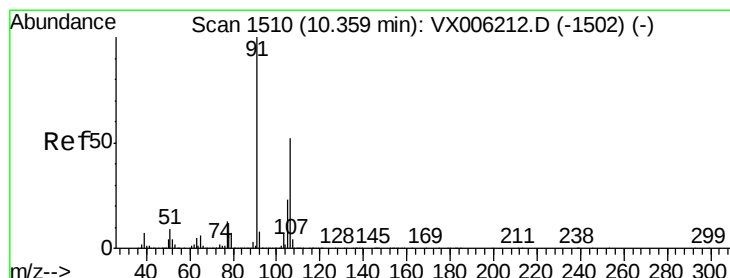
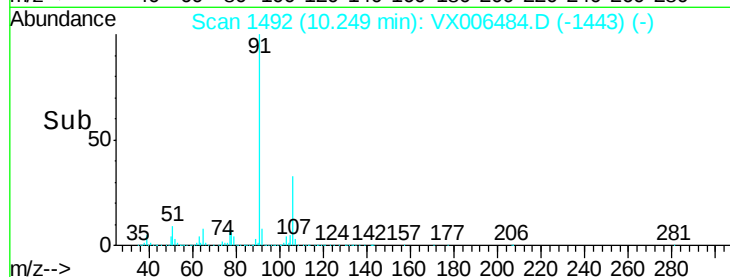
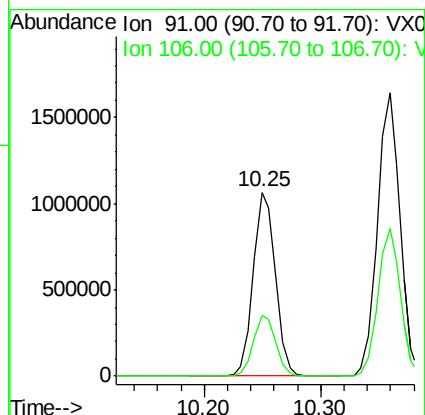
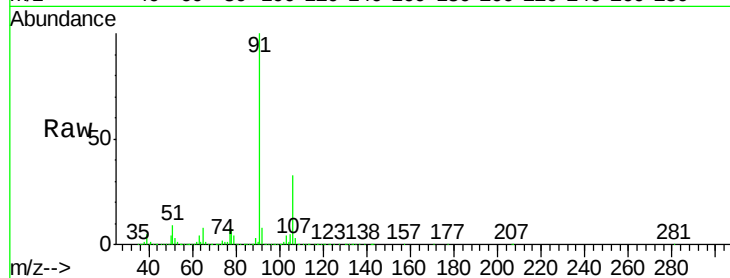
VSTDCCC050EC

Tgt Ion: 91 Resp: 1420283

Ion Ratio Lower Upper

91 100

106 32.7 26.5 39.7



#68

m/p-Xylenes

Concen: 110.280 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006484.D

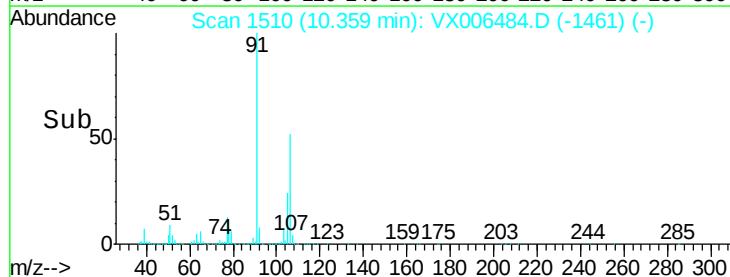
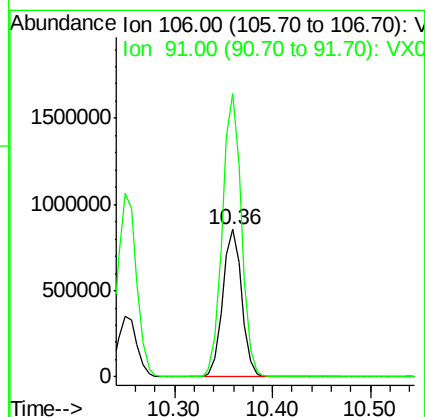
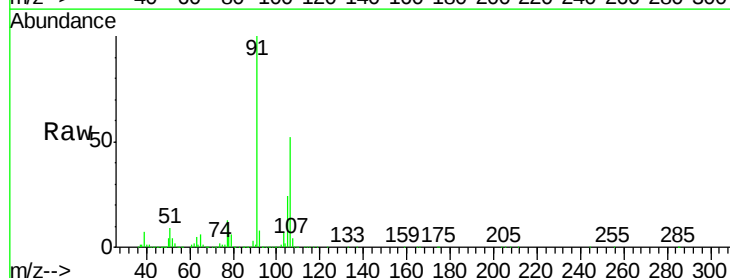
Acq: 13 Dec 2018 09:32

Tgt Ion: 106 Resp: 1149301

Ion Ratio Lower Upper

106 100

91 192.4 155.2 232.8

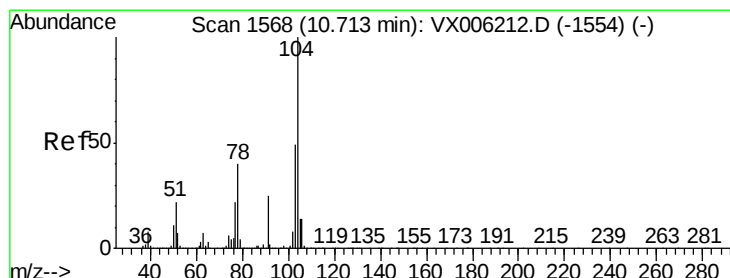
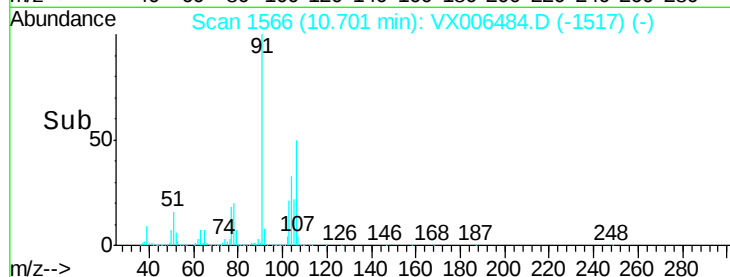
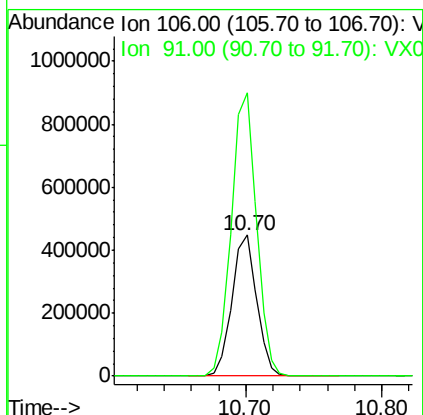
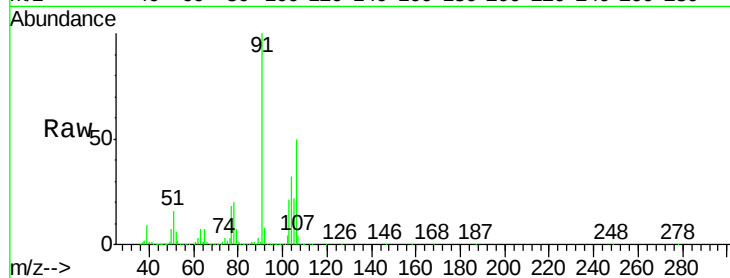




#69
o-Xylene
Concen: 55.156 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

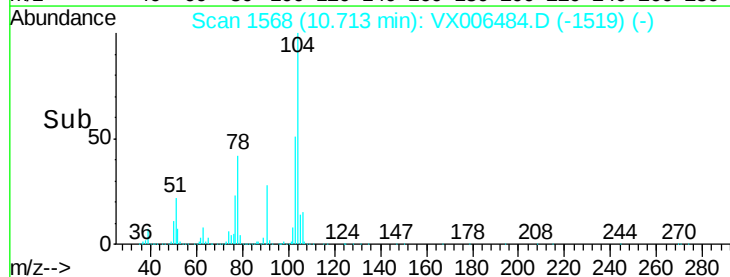
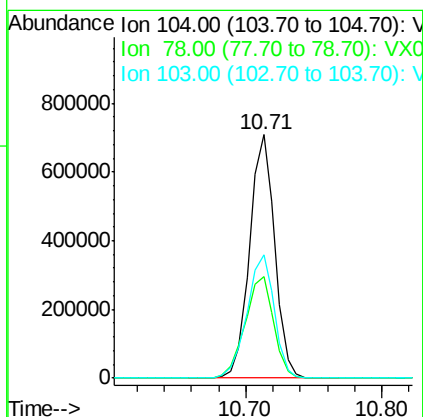
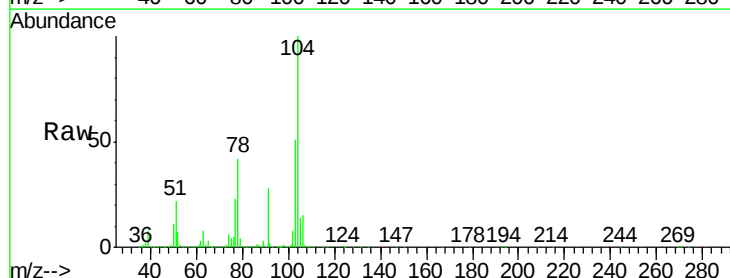
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

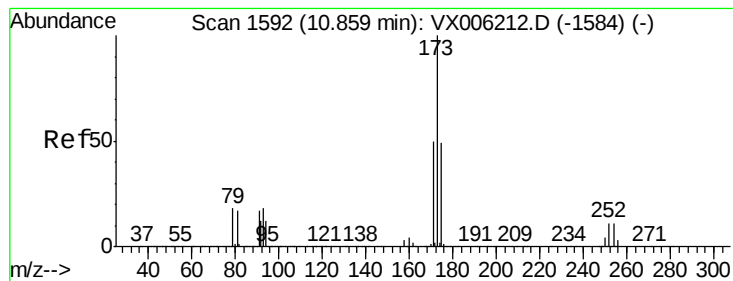
Tgt Ion:106 Resp: 567784
Ion Ratio Lower Upper
106 100
91 204.2 101.8 305.6



#70
Styrene
Concen: 55.087 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion:104 Resp: 917154
Ion Ratio Lower Upper
104 100
78 47.5 37.2 55.8
103 55.4 43.5 65.3





#71

Bromoform

Concen: 42.557 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

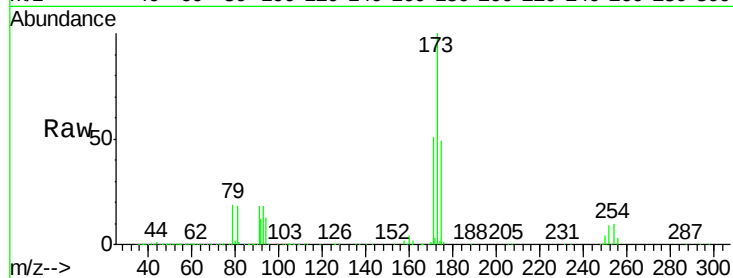
Tgt Ion:173 Resp: 244165

Ion Ratio Lower Upper

173 100

175 49.9 24.6 73.8

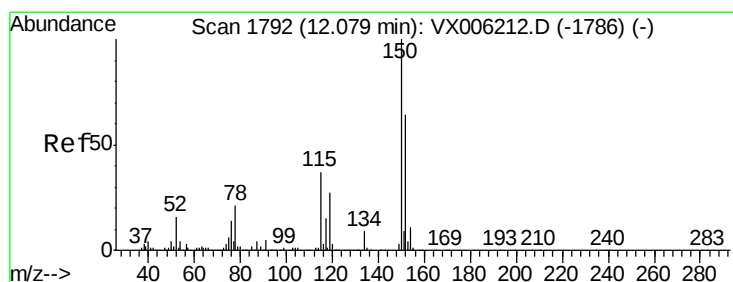
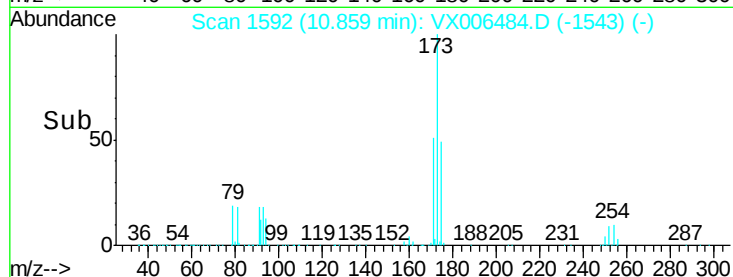
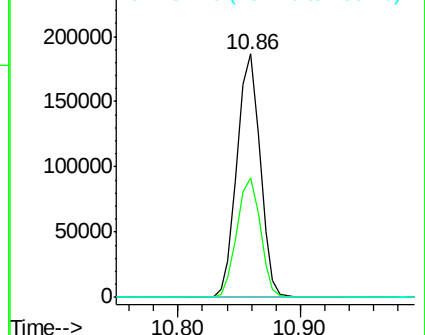
254 0.2 0.2 0.2



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: VX006484.D

Acq: 13 Dec 2018 09:32

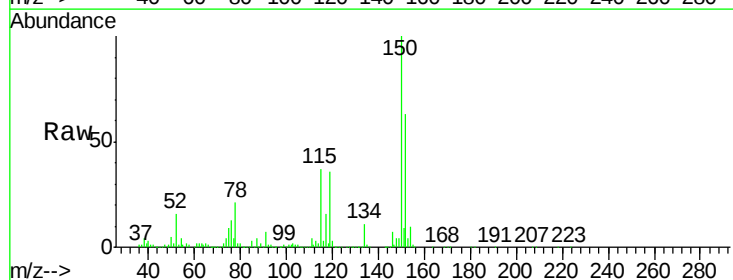
Tgt Ion:152 Resp: 386445

Ion Ratio Lower Upper

152 100

115 80.5 39.0 116.9

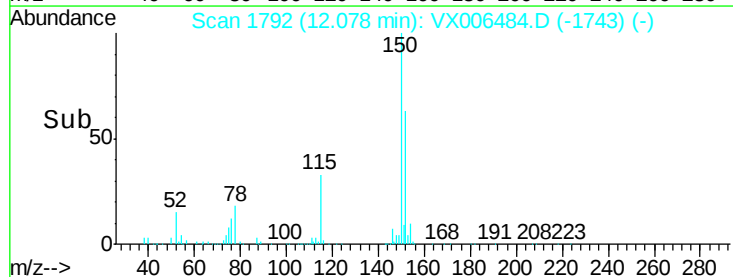
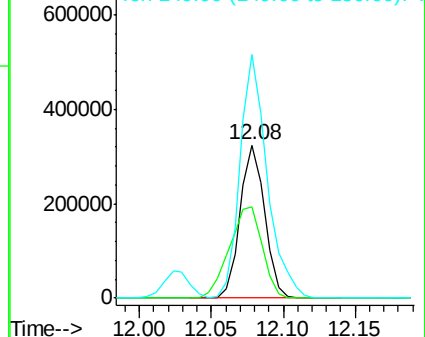
150 175.7 0.0 345.8

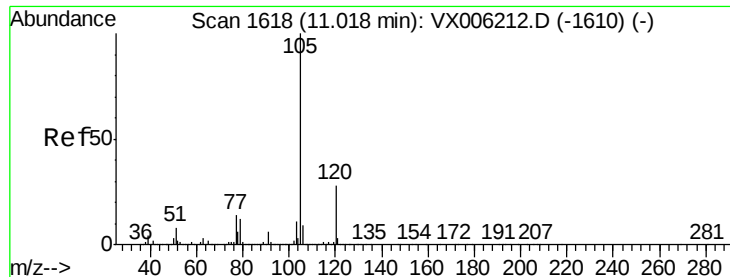


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.779 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

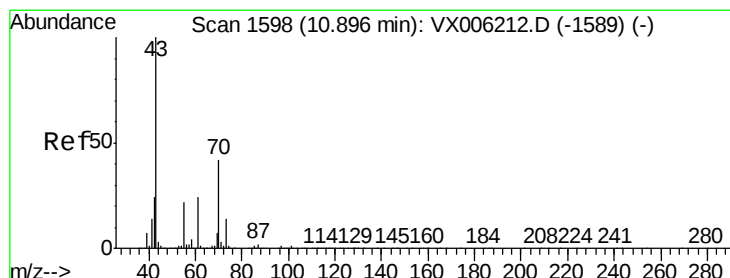
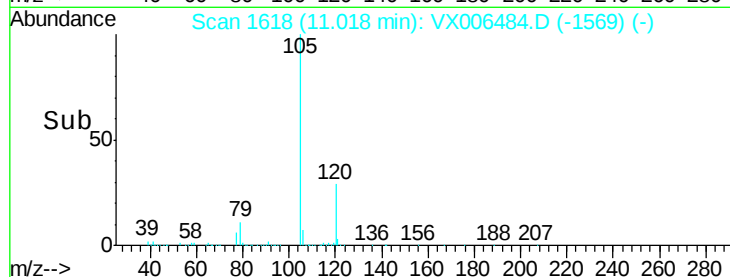
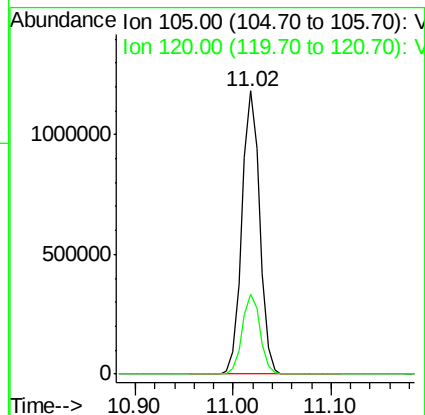
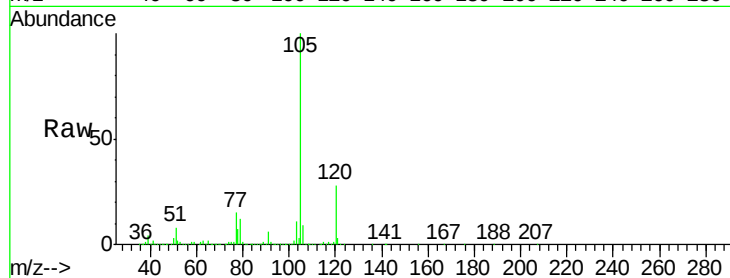
VSTDCCC050EC

Tgt Ion:105 Resp: 1488604

Ion Ratio Lower Upper

105 100

120 28.1 14.1 42.3



#74

N-ethyl acetate

Concen: 49.095 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Tgt Ion: 43 Resp: 564210

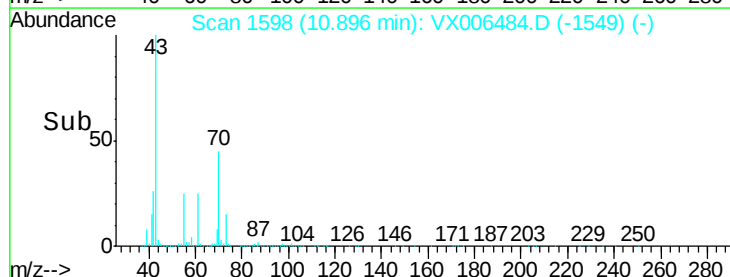
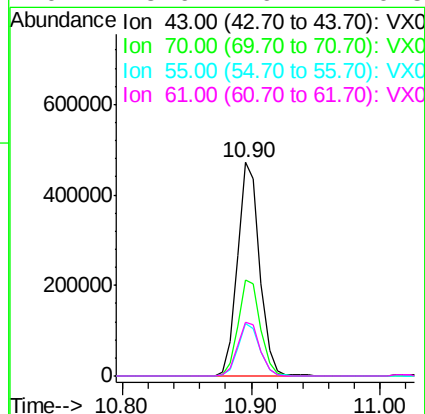
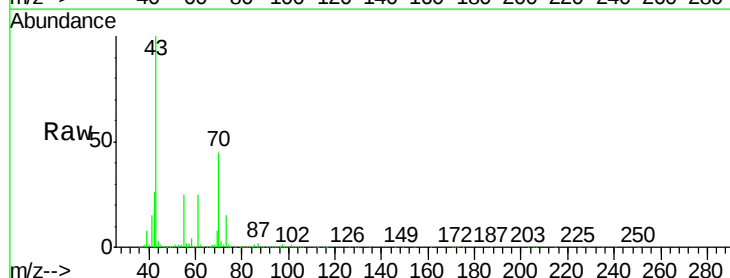
Ion Ratio Lower Upper

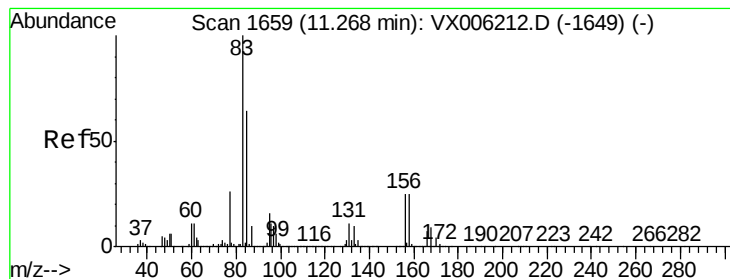
43 100

70 45.6 34.1 51.1

55 24.4 17.8 26.8

61 25.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 52.785 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

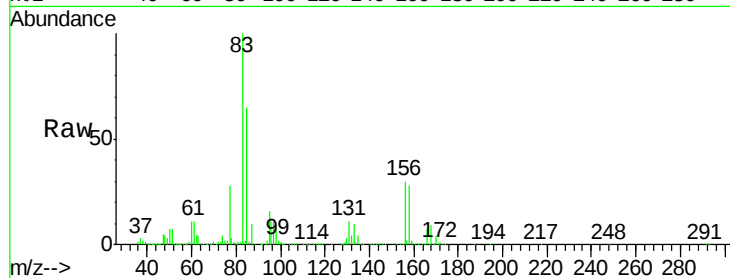
Tgt Ion: 83 Resp: 450673

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.1

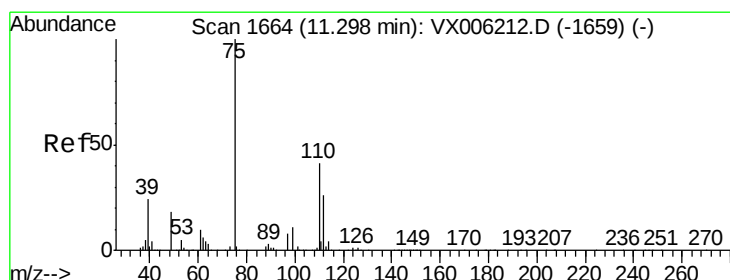
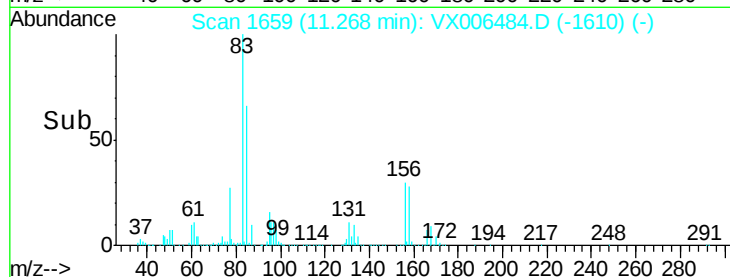
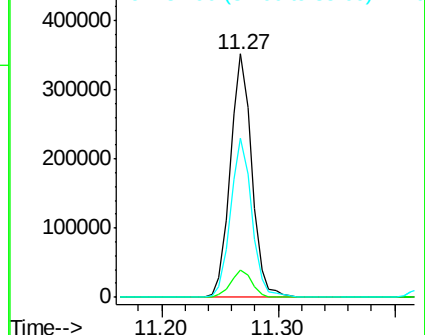
85 64.9 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.099 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006484.D

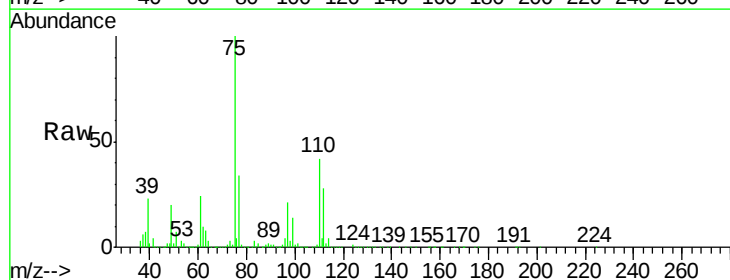
Acq: 13 Dec 2018 09:32

Tgt Ion: 75 Resp: 500490

Ion Ratio Lower Upper

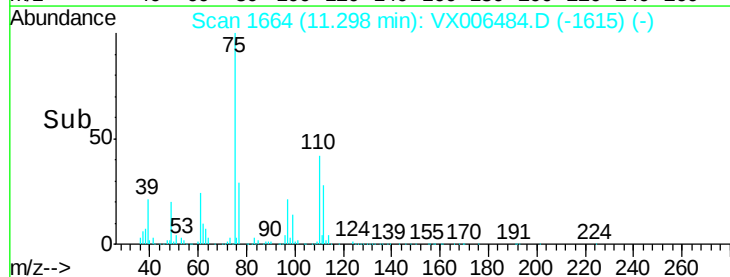
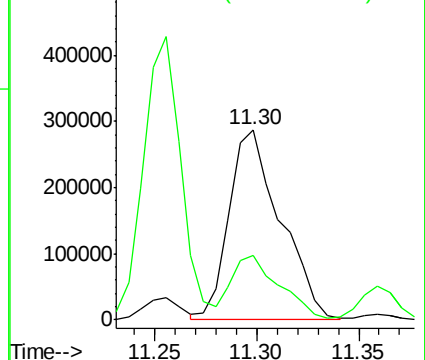
75 100

77 31.7 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 54.586 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

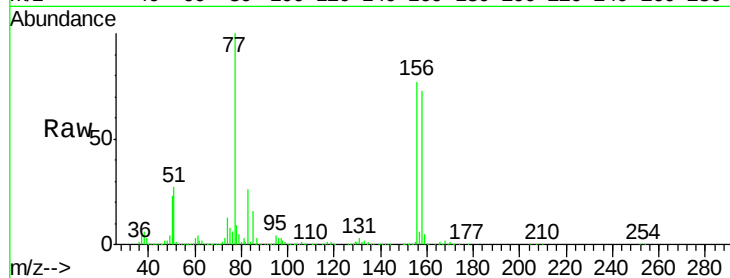
Tgt Ion:156 Resp: 404276

Ion Ratio Lower Upper

156 100

77 135.0 66.2 198.6

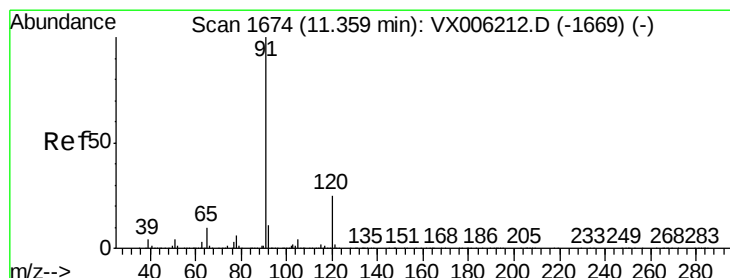
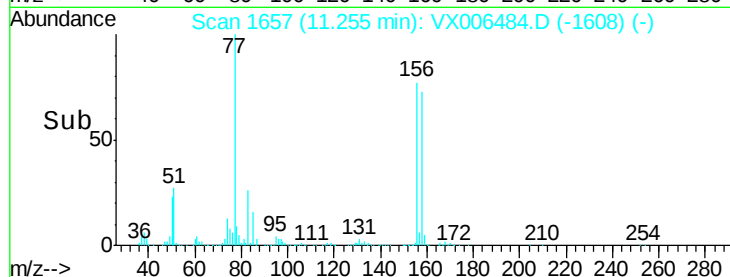
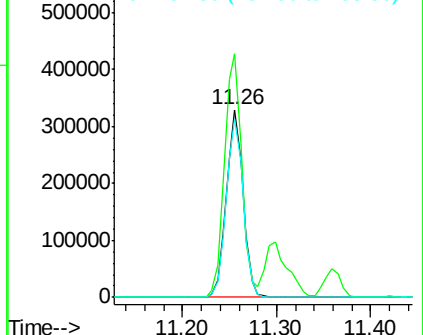
158 97.0 48.8 146.4



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: 55.316 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006484.D

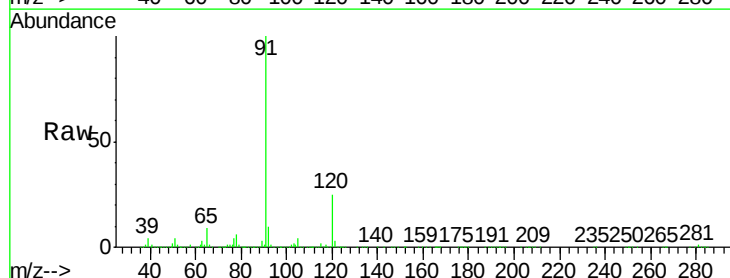
Acq: 13 Dec 2018 09:32

Tgt Ion: 91 Resp: 1640973

Ion Ratio Lower Upper

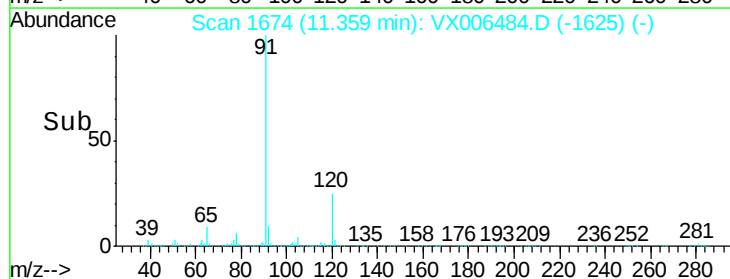
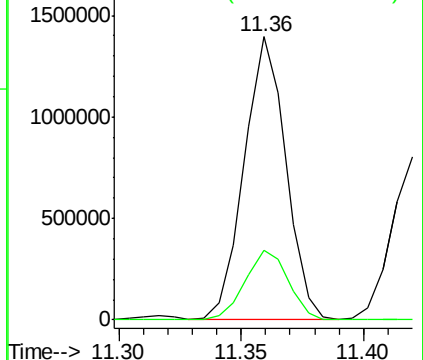
91 100

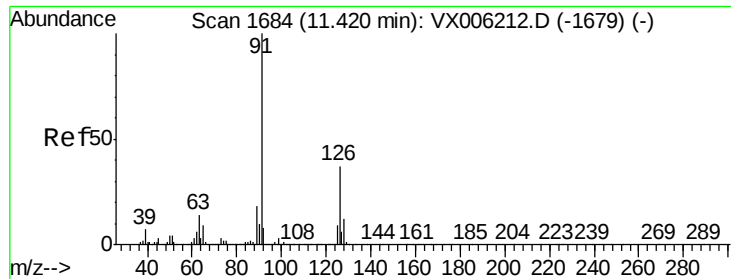
120 25.7 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

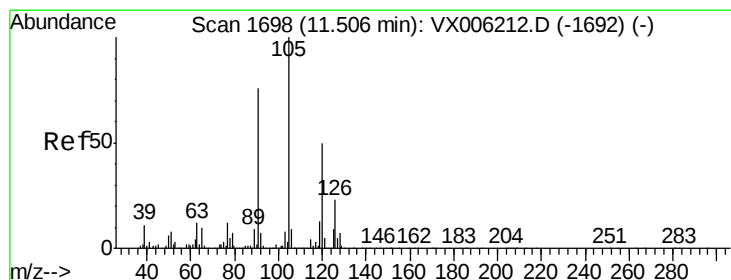
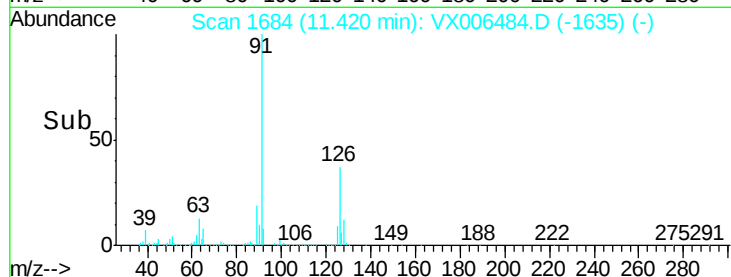
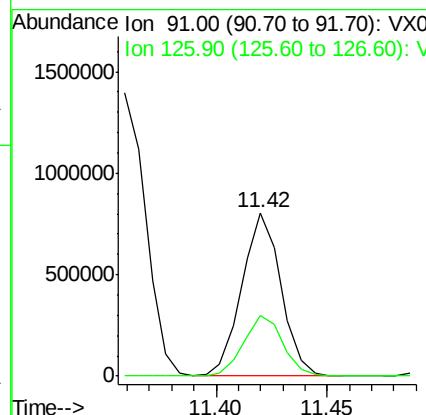
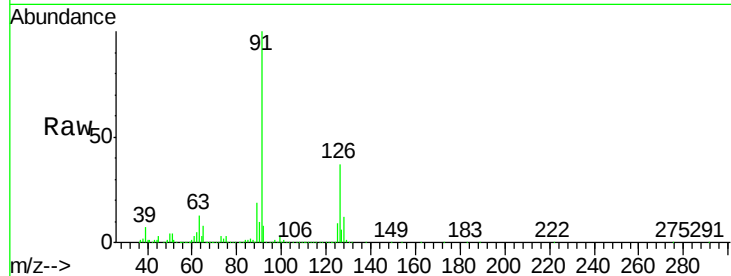




#79
 2-Chlorotoluene
 Concen: 55.537 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

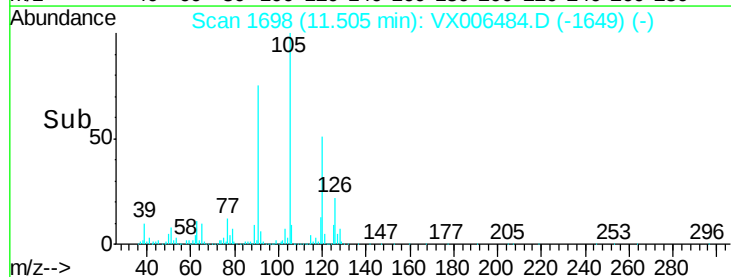
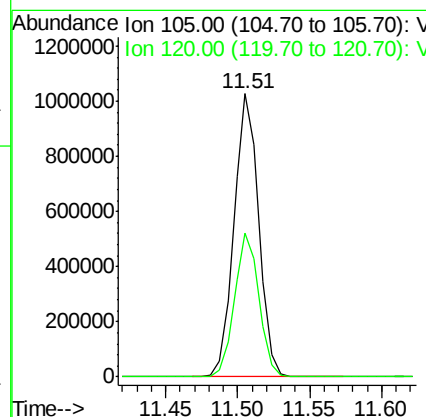
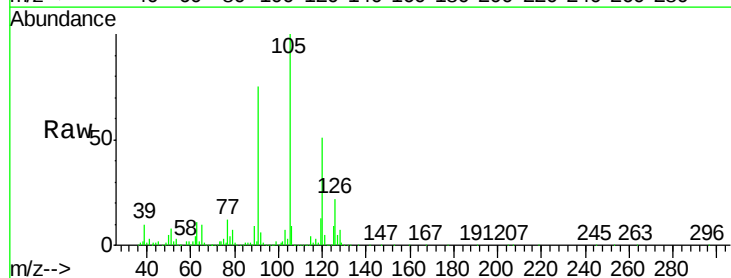
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

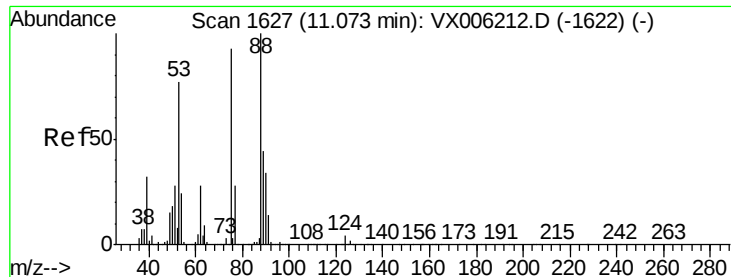
Tgt Ion: 91 Resp: 979225
 Ion Ratio Lower Upper
 91 100
 126 37.8 18.6 56.0



#80
 1,3,5-Trimethylbenzene
 Concen: 55.602 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Tgt Ion: 105 Resp: 1234620
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 36.066 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006484.D

Acq: 13 Dec 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

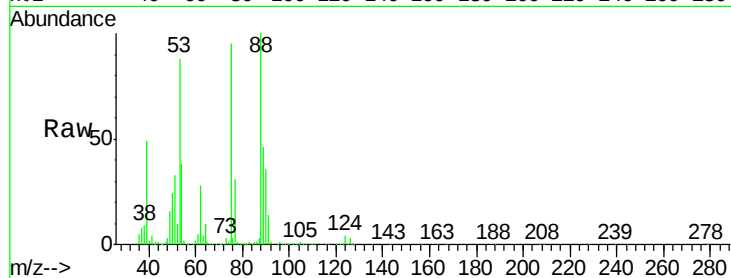
Tgt Ion: 75 Resp: 114636

Ion Ratio Lower Upper

75 100

53 92.8 64.4 96.6

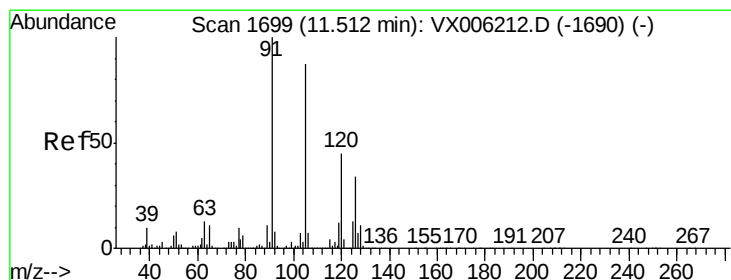
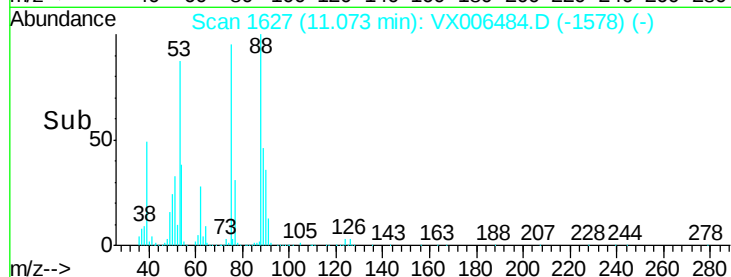
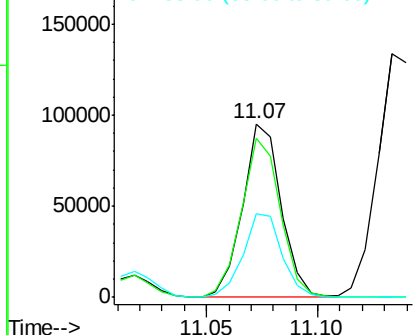
89 48.5 44.2 66.4



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: 54.806 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006484.D

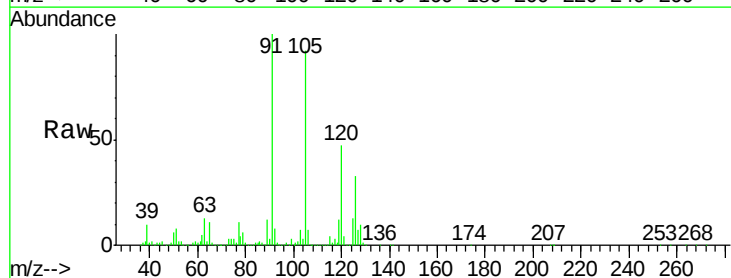
Acq: 13 Dec 2018 09:32

Tgt Ion: 91 Resp: 1123532

Ion Ratio Lower Upper

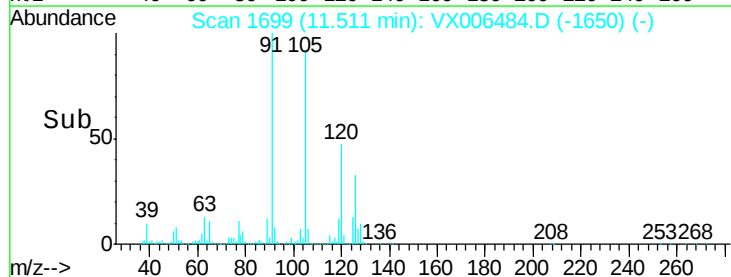
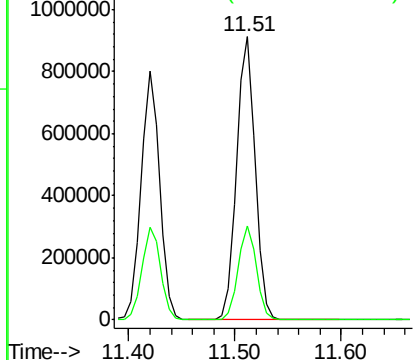
91 100

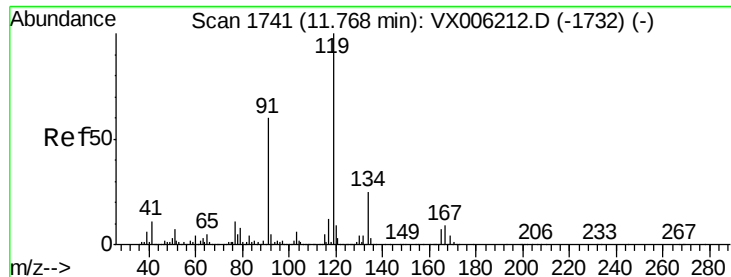
126 32.5 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

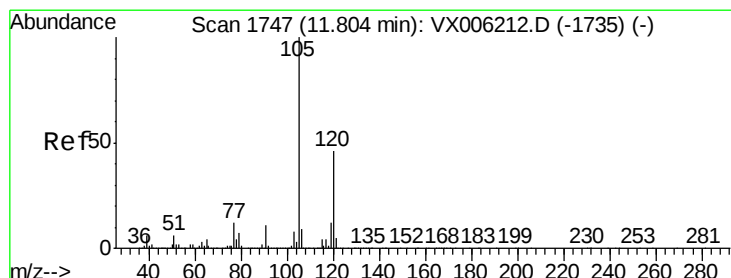
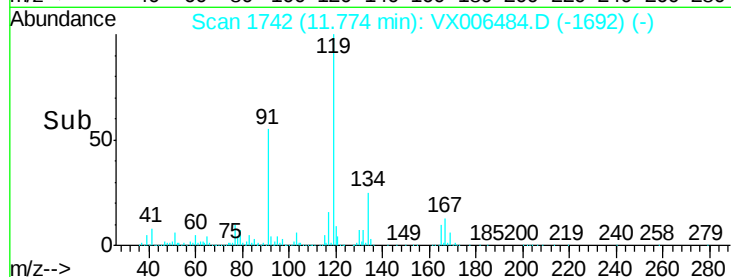
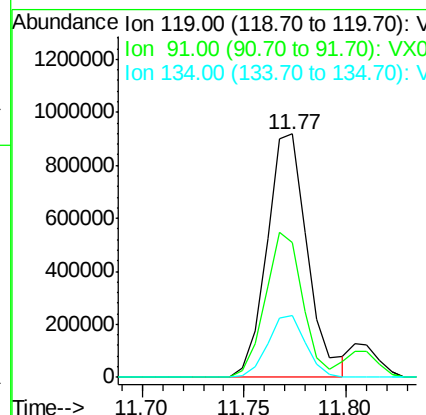
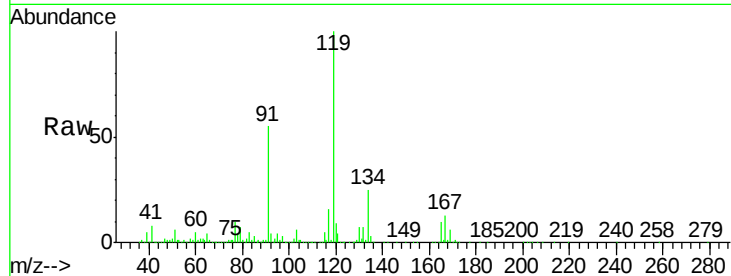




#83
 tert-Butylbenzene
 Concen: 53.672 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

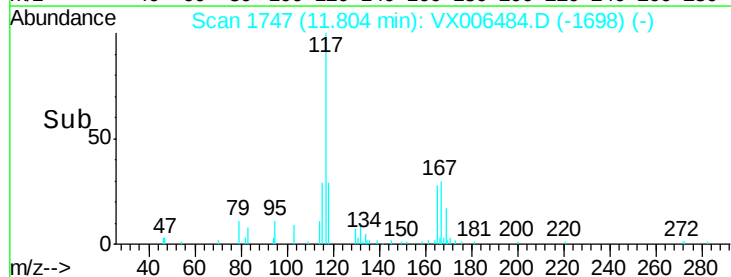
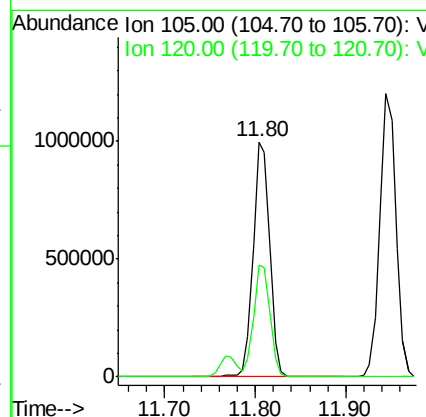
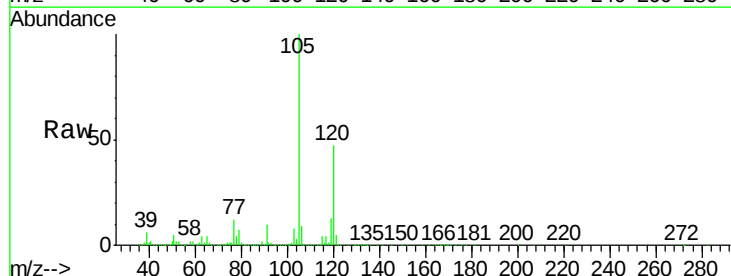
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

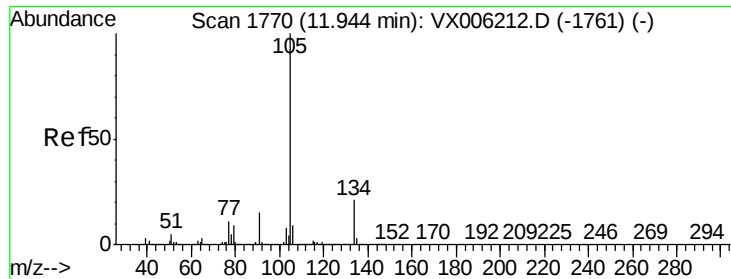
Tgt Ion:119 Resp: 1271581
 Ion Ratio Lower Upper
 119 100
 91 54.8 26.4 79.2
 134 23.9 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 54.893 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Tgt Ion:105 Resp: 1258615
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.4 70.0

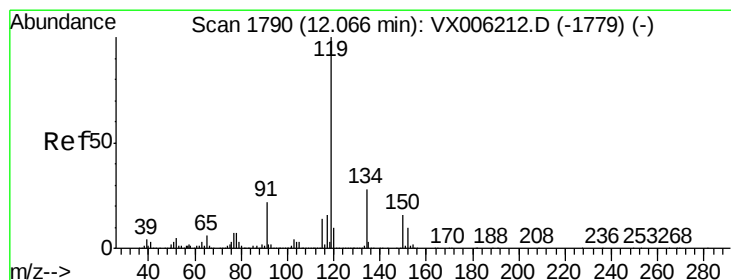
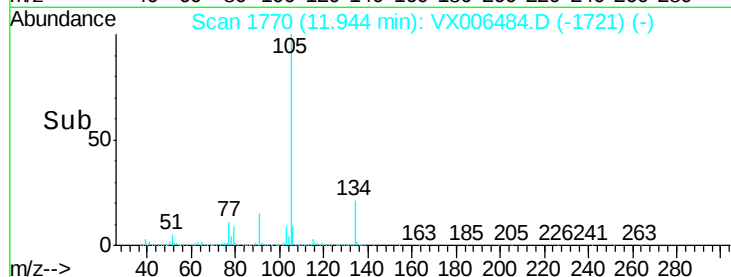
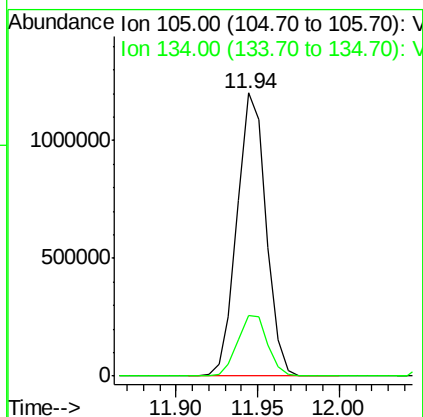
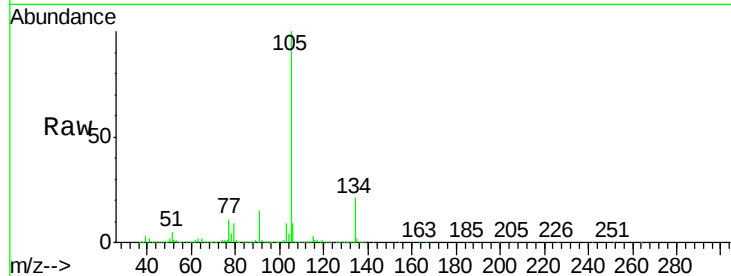




#85
 sec-Butylbenzene
 Concen: 55.330 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

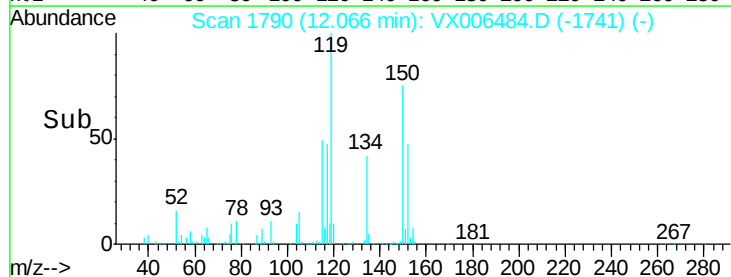
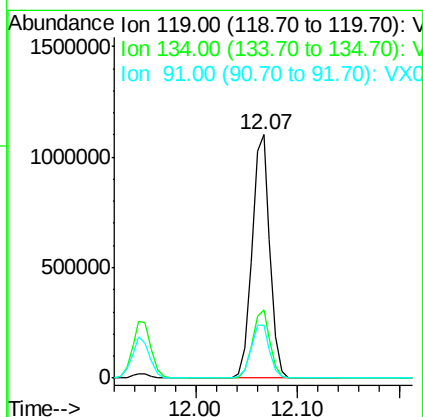
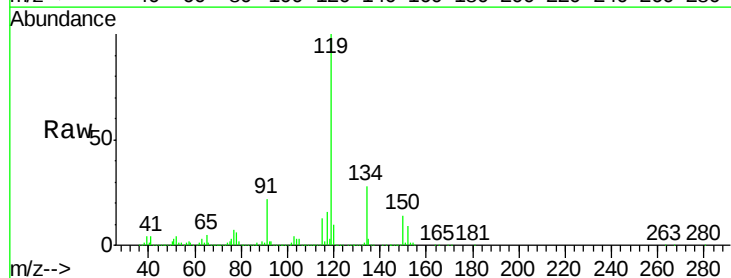
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1491281
 Ion Ratio Lower Upper
 105 100
 134 22.1 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 55.322 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Tgt Ion:119 Resp: 1342660
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.9 41.6
 91 22.5 11.3 33.8

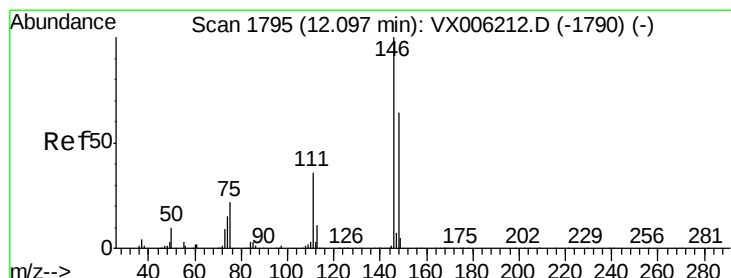
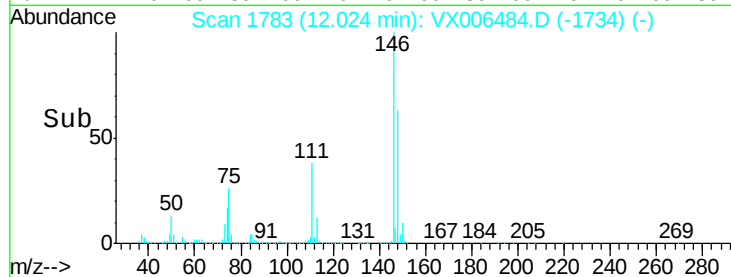
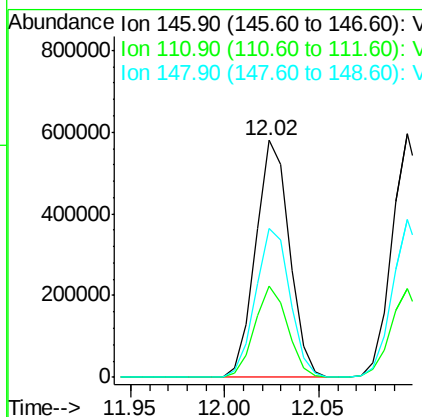
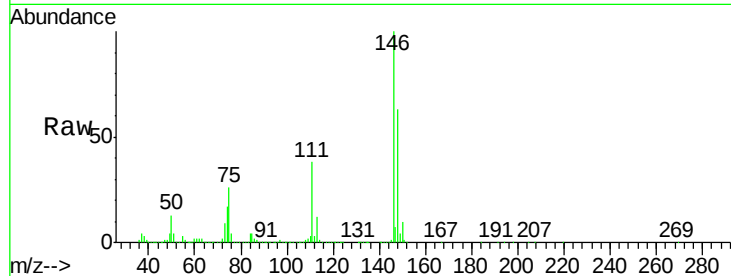




#87
 1,3-Dichlorobenzene
 Concen: 54.817 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

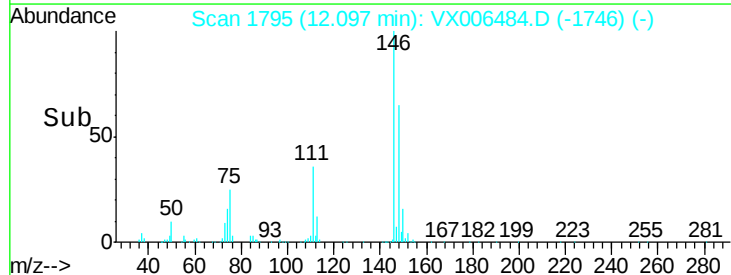
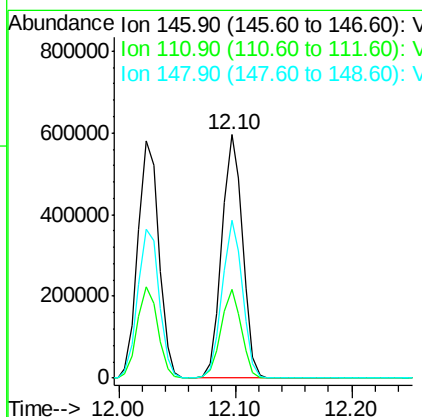
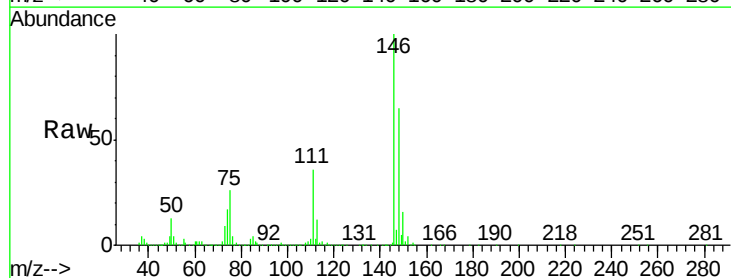
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

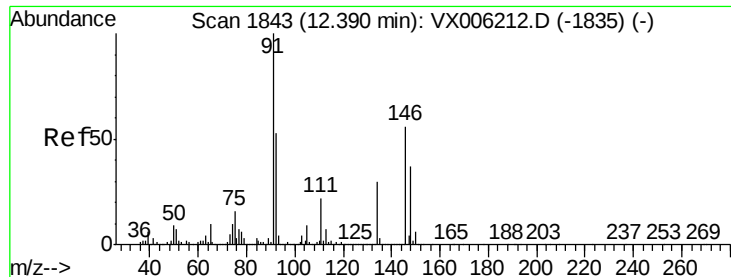
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.2
148	63.9	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 54.501 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.3	54.8
148	63.9	31.9	95.9

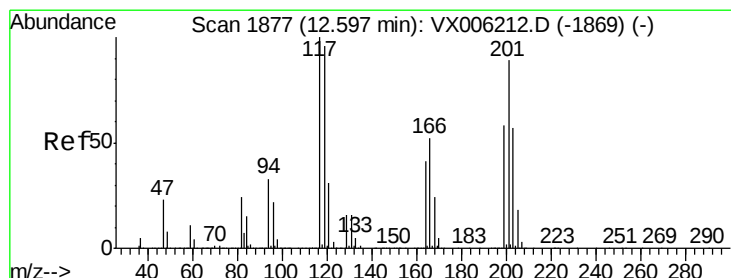
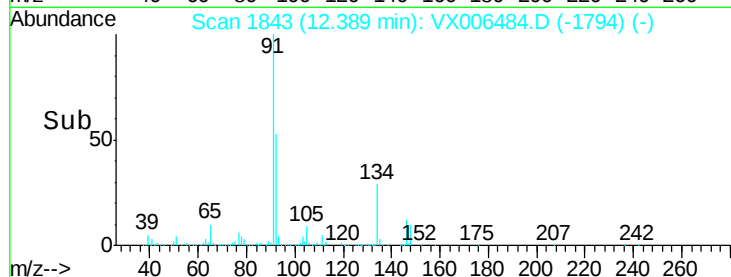
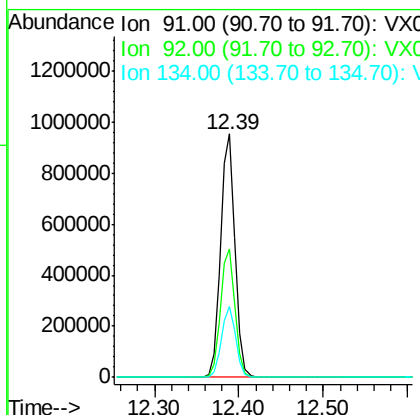
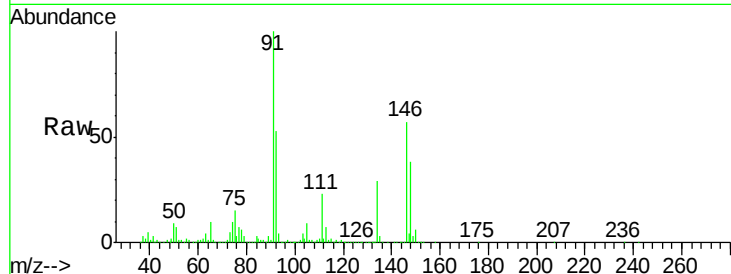




#89
n-Butylbenzene
Concen: 54.005 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

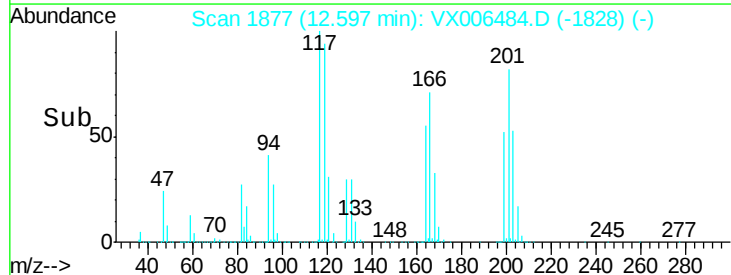
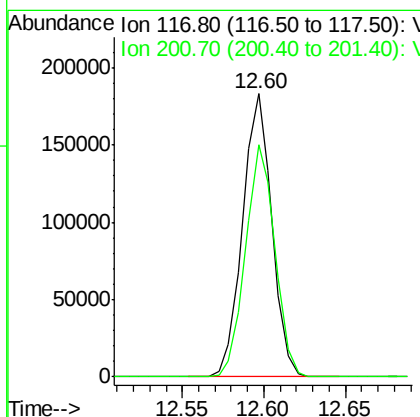
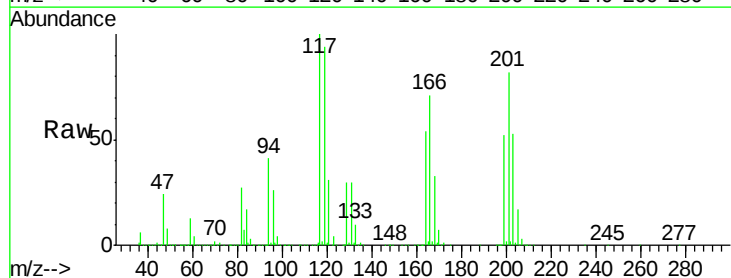
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

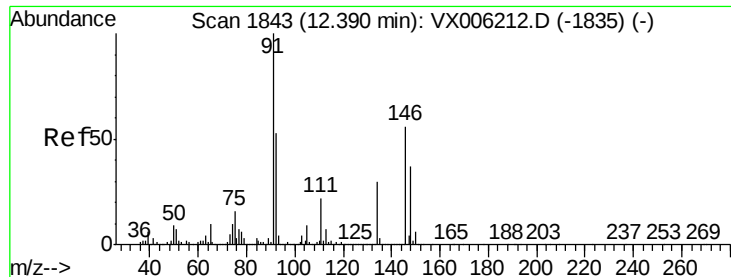
Tgt Ion: 91 Resp: 1118331
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.8
134 29.1 14.8 44.3



#90
Hexachloroethane
Concen: 46.326 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion: 117 Resp: 229147
Ion Ratio Lower Upper
117 100
201 82.7 44.7 134.1

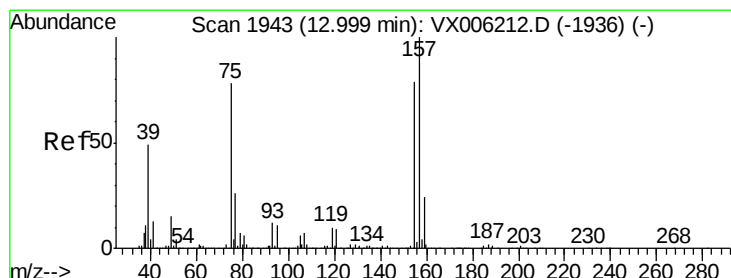
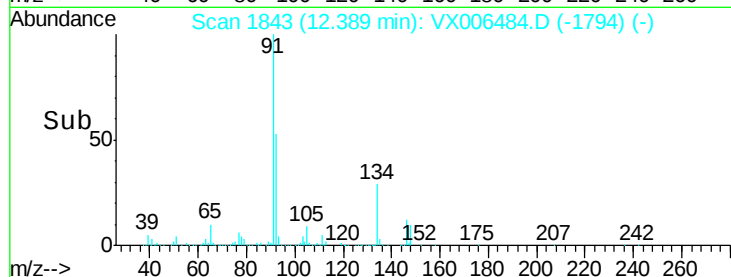
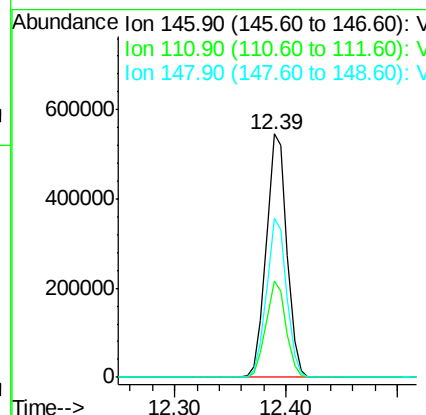
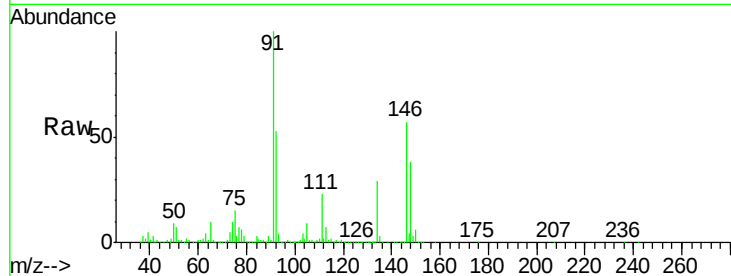




#91
 1,2-Dichlorobenzene
 Concen: 54.354 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

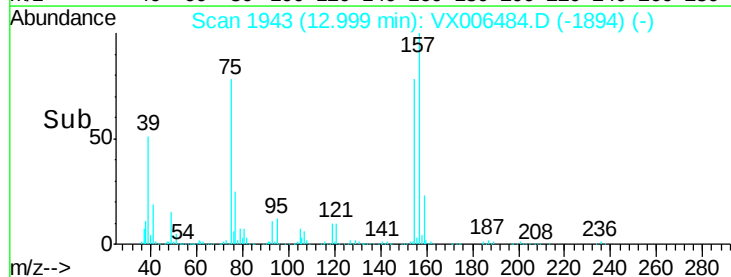
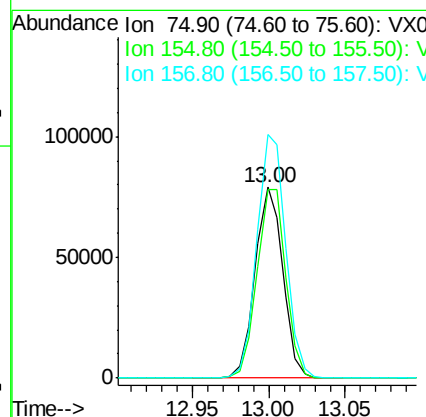
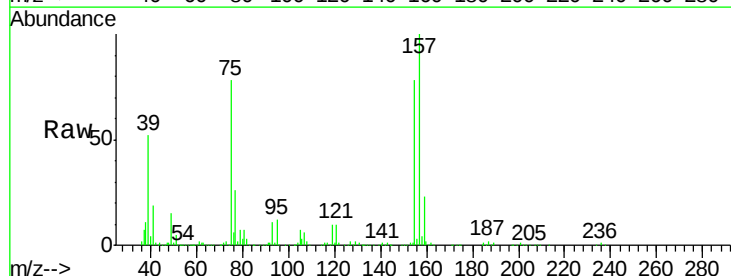
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

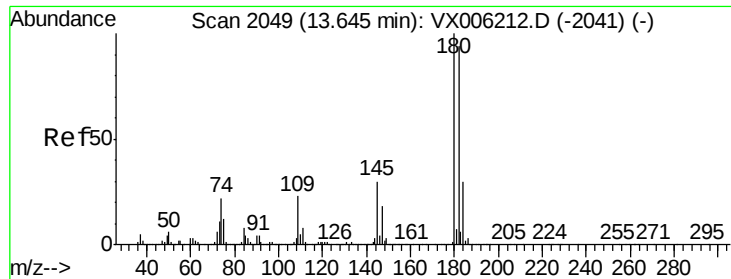
Tgt Ion: 146 Resp: 710902
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.1 57.3
 148 63.9 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.445 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Tgt Ion: 75 Resp: 99462
 Ion Ratio Lower Upper
 75 100
 155 102.9 53.4 160.3
 157 132.6 68.0 203.8

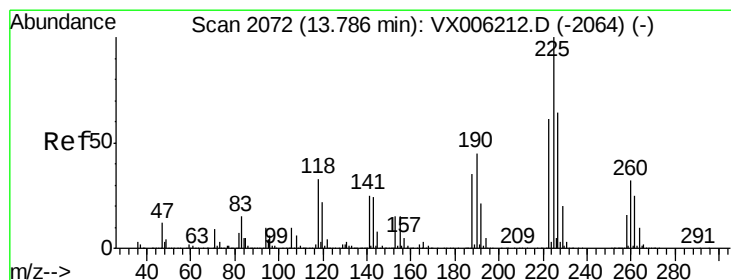
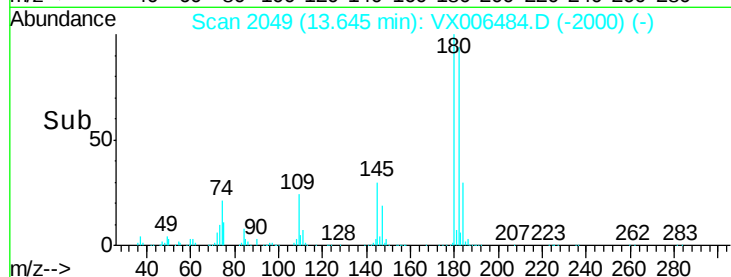
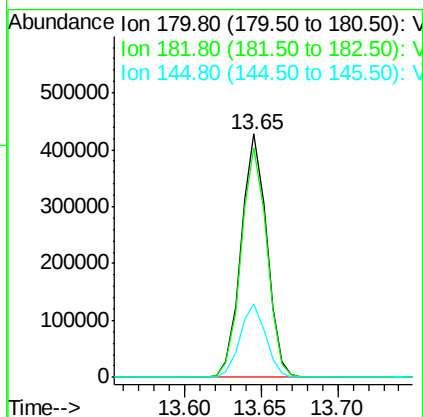
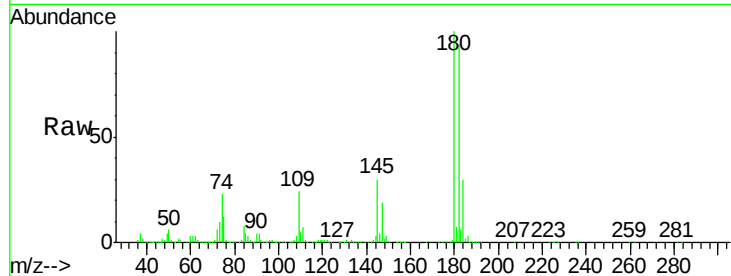




#93
 1,2,4-Trichlorobenzene
 Concen: 51.996 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

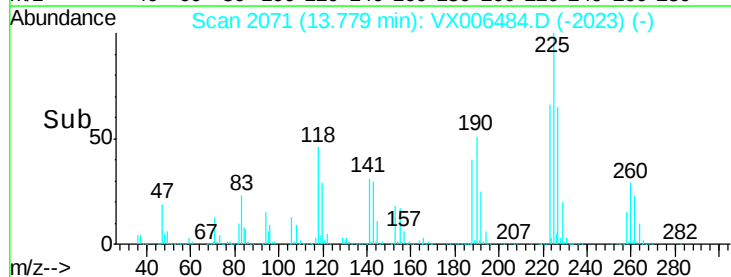
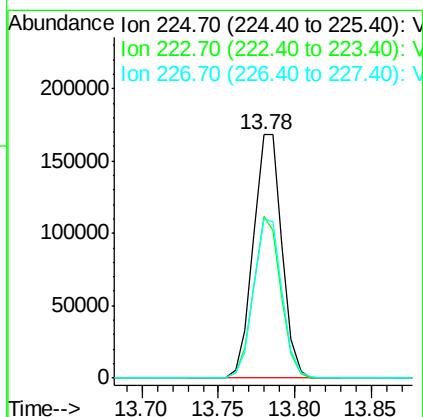
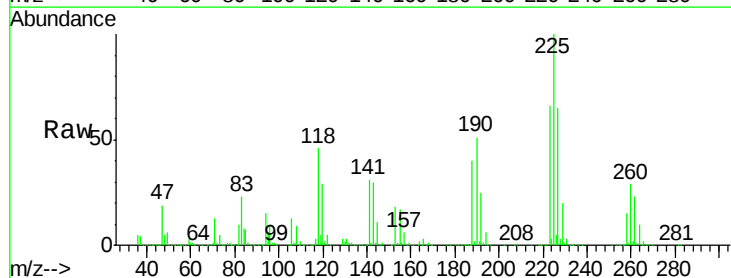
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

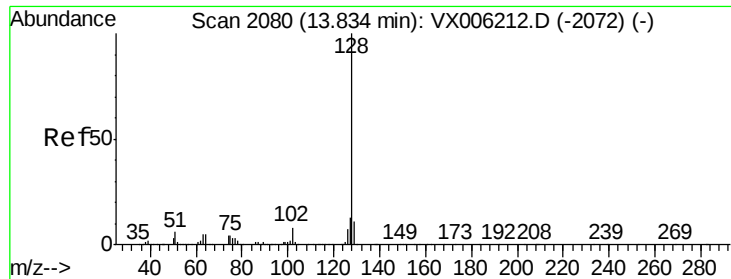
Tgt Ion:180 Resp: 496140
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.3 141.9
 145 30.0 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 51.813 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006484.D
 Acq: 13 Dec 2018 09:32

Tgt Ion:225 Resp: 218645
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.2 93.6
 227 64.6 31.9 95.5

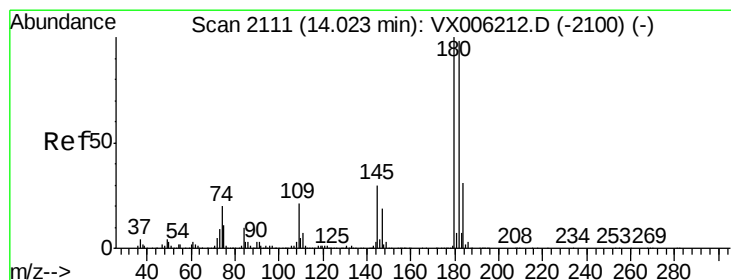
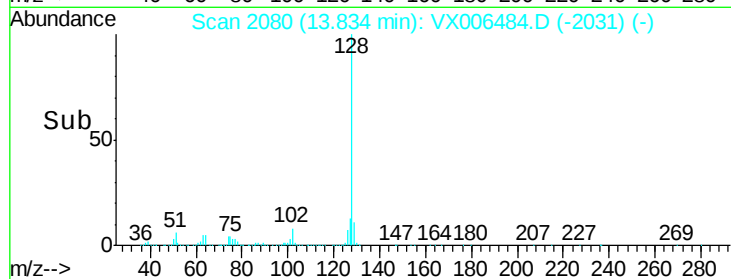
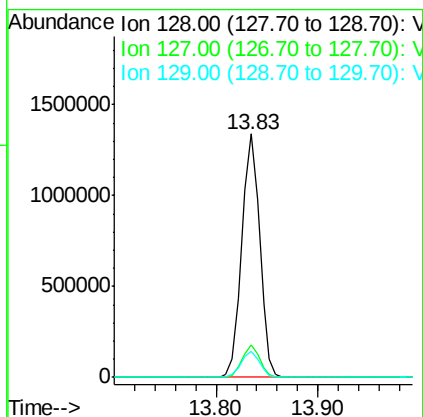
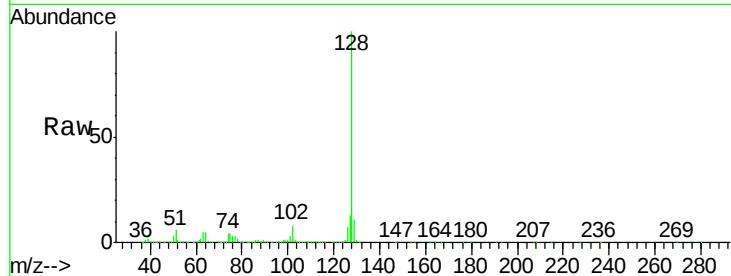




#95
Naphthalene
Concen: 54.600 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1620614
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 53.491 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006484.D
Acq: 13 Dec 2018 09:32

Tgt Ion:180 Resp: 505545
Ion Ratio Lower Upper
180 100
182 95.2 48.4 145.2
145 31.9 15.6 46.8

