

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120318\
 Data File : VX006242.D
 Acq On : 03 Dec 2018 10:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 04 04:50:05 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	5.67	168	900566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1276177	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1155647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	597187	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	434588	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
35) Dibromofluoromethane	5.50	113	420234	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	
50) Toluene-d8	8.71	98	1503502	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.13	95	557341	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	448063	50.813	ug/l	99
3) Chloromethane	1.33	50	418551	46.190	ug/l	98
4) Vinyl Chloride	1.41	62	467414	47.928	ug/l	99
5) Bromomethane	1.64	94	315194	46.635	ug/l	99
6) Chloroethane	1.72	64	287758	48.123	ug/l	99
7) Trichlorofluoromethane	1.93	101	706630	47.202	ug/l	98
8) Diethyl Ether	2.19	74	260721	46.017	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	409217	48.073	ug/l	99
10) Methyl Iodide	2.51	142	611014	47.629	ug/l	99
11) Tert butyl alcohol	3.07	59	514862	204.784	ug/l	99
12) 1,1-Dichloroethene	2.38	96	378754	46.479	ug/l	94
13) Acrolein	2.29	56	289427	210.622	ug/l	99
14) Allyl chloride	2.73	41	722256	44.868	ug/l	99
15) Acrylonitrile	3.15	53	1147102	218.643	ug/l	100
16) Acetone	2.45	43	894357	207.297	ug/l	99
17) Carbon Disulfide	2.57	76	1157069	46.080	ug/l	100
18) Methyl Acetate	2.78	43	641641	44.472	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	1325455	45.595	ug/l	100
20) Methylene Chloride	2.86	84	406757	44.299	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	402844	46.389	ug/l	98
22) Diisopropyl ether	3.87	45	1176281	46.783	ug/l	96
23) Vinyl Acetate	3.82	43	5458761	254.546	ug/l	97
24) 1,1-Dichloroethane	3.70	63	721557	50.208	ug/l	98
25) 2-Butanone	4.70	43	1322698	214.864	ug/l	99
26) 2,2-Dichloropropane	4.59	77	647937	48.853	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	456286	47.105	ug/l	100
28) Bromochloromethane	5.02	49	297483	47.390	ug/l	98
29) Tetrahydrofuran	5.15	42	939251	219.533	ug/l	100
30) Chloroform	5.21	83	703593	46.588	ug/l	97
31) Cyclohexane	5.57	56	621831	46.820	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	673561	46.875	ug/l	100
36) 1,1-Dichloropropene	5.80	75	529556	49.276	ug/l	100
37) Ethyl Acetate	4.85	43	552953	45.946	ug/l	99
38) Carbon Tetrachloride	5.78	117	634634	50.198	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	712094	51.047	ug/l	99
40) Benzene	6.14	78	1585574	49.261	ug/l	99
41) Methacrylonitrile	5.06	41	307530	46.439	ug/l	99
42) 1,2-Dichloroethane	6.20	62	518089	49.181	ug/l	100
43) Isopropyl Acetate	6.46	43	945793	47.135	ug/l	100
44) Trichloroethene	7.21	130	488996	50.149	ug/l	99
45) 1,2-Dichloropropane	7.51	63	400879	49.004	ug/l	99
46) Dibromomethane	7.66	93	287895	48.729	ug/l	97
47) Bromodichloromethane	7.90	83	570661	49.877	ug/l	99
48) Methyl methacrylate	7.77	41	460693	47.194	ug/l	99
49) 1,4-Dioxane	7.75	88	217731	904.980	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	2699877	231.132	ug/l	100
52) Toluene	8.79	92	1037920	49.014	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	656490	49.063	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	690897	49.726	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	428382	49.795	ug/l	99
56) Ethyl methacrylate	9.18	69	644648	47.933	ug/l	99
57) 1,3-Dichloropropane	9.37	76	667559	49.072	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1663180	243.699	ug/l	100
59) 2-Hexanone	9.49	43	2013840	225.655	ug/l	99
60) Dibromochloromethane	9.59	129	531590	50.111	ug/l	100
61) 1,2-Dibromoethane	9.67	107	462324	48.062	ug/l	100
64) Tetrachloroethene	9.34	164	446740	51.331	ug/l	98
65) Chlorobenzene	10.14	112	1211804	49.397	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	474040	49.734	ug/l	100
67) Ethyl Benzene	10.25	91	2003184	49.096	ug/l	100
68) m/p-Xylenes	10.36	106	1601628	97.996	ug/l	100
69) o-Xylene	10.70	106	779816	48.304	ug/l	99
70) Styrene	10.71	104	1271012	48.678	ug/l	99
71) Bromoform	10.86	173	449227	49.928	ug/l	98
73) Isopropylbenzene	11.02	105	2063681	50.039	ug/l	100
74) N-amyl acetate	10.90	43	824995	46.454	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	613894	46.529	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	757830	65.746	ug/l	86
77) Bromobenzene	11.26	156	561116	49.027	ug/l	100
78) n-propylbenzene	11.36	91	2329098	50.806	ug/l	100
79) 2-Chlorotoluene	11.42	91	1336511	49.051	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1710159	49.839	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	235439	47.933	ug/l #	81
82) 4-Chlorotoluene	11.51	91	1569780	49.552	ug/l	100
83) tert-Butylbenzene	11.77	119	1808795	49.405	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1748584	49.350	ug/l	100
85) sec-Butylbenzene	11.94	105	2123820	50.991	ug/l	100
86) p-Isopropyltoluene	12.07	119	1916774	51.107	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1010464	49.618	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1017526	49.227	ug/l	100
89) n-Butylbenzene	12.39	91	1689512	52.796	ug/l	99
90) Hexachloroethane	12.60	117	385731	50.463	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	974375	48.209	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	150574	44.520	ug/l	99

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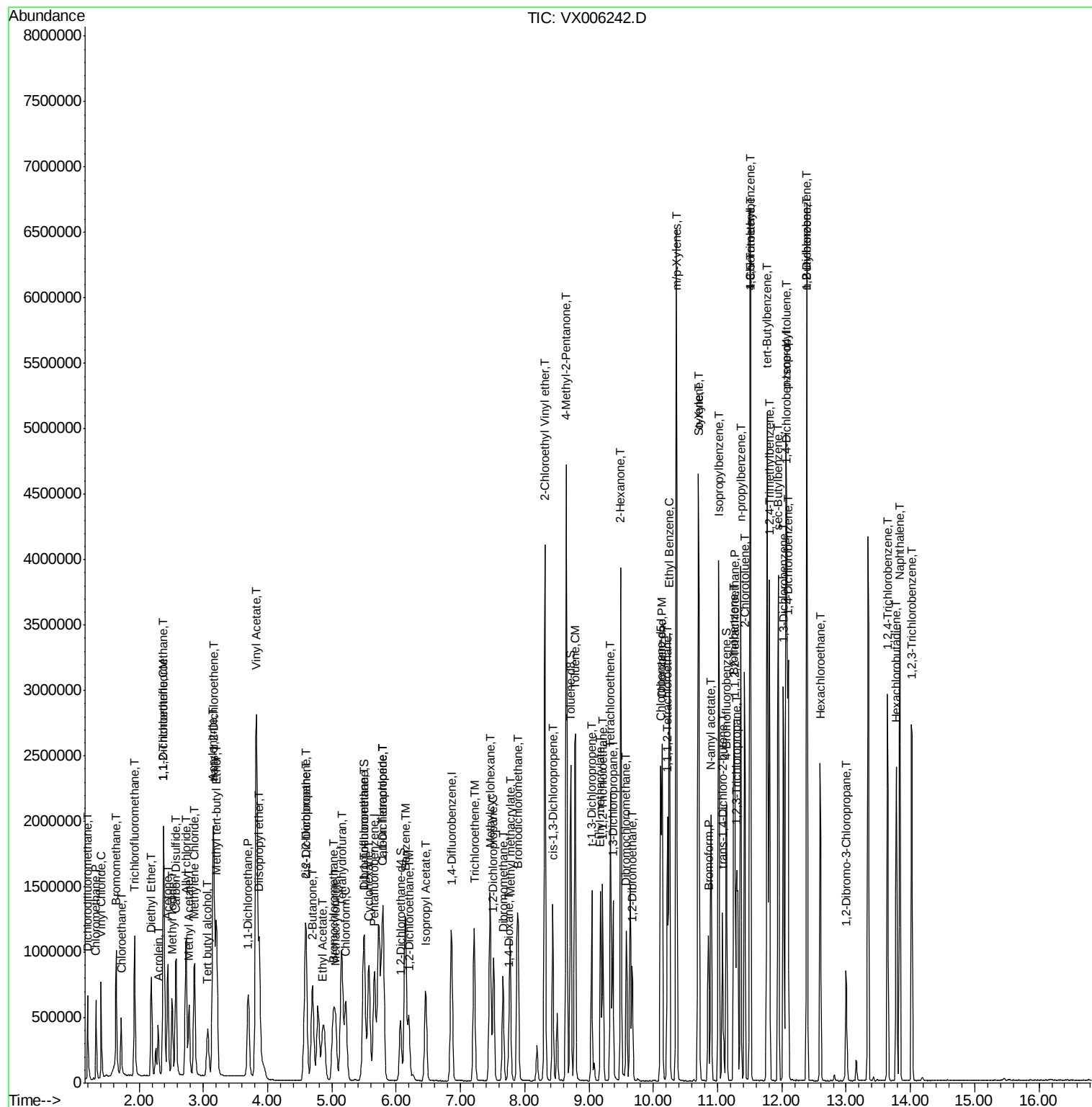
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	756695	51.317	ug/l	100
94) Hexachlorobutadiene	13.78	225	369172	56.612	ug/l	99
95) Naphthalene	13.83	128	2208770	48.155	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	737718	50.511	ug/l	99

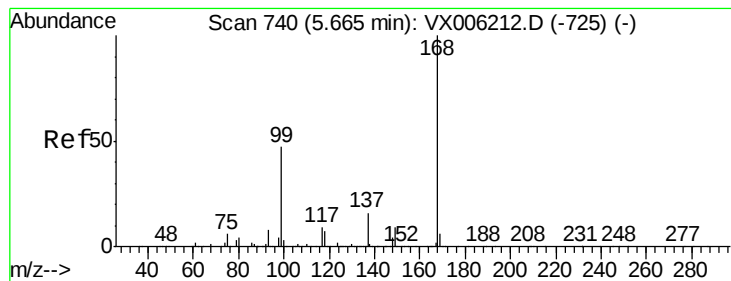
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

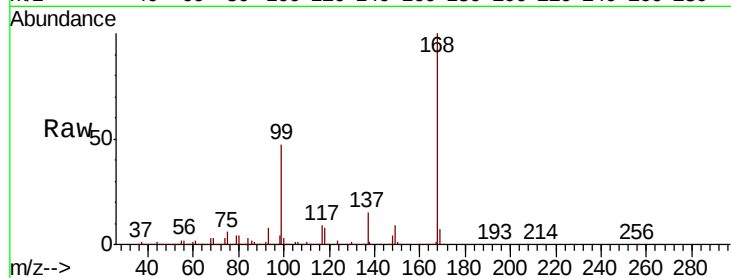
VSTDCCC050

Tot Ion:168 Resp: 900566

Ion Ratio Lower Upper

168 100

99 47.1 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006242.D (-725) (-)

Ion 98.90 (98.60 to 99.60): VX006242.D (-725) (-)

5.67

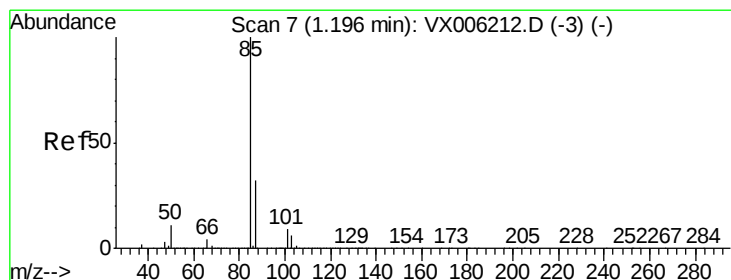
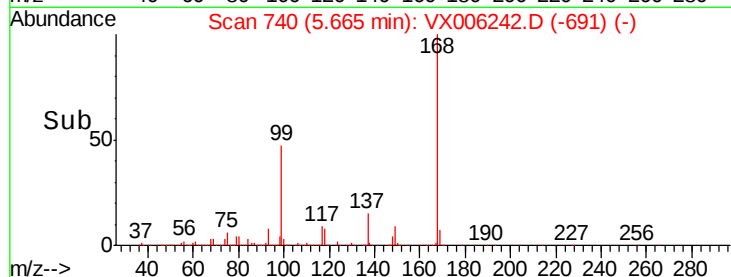
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.813 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006242.D

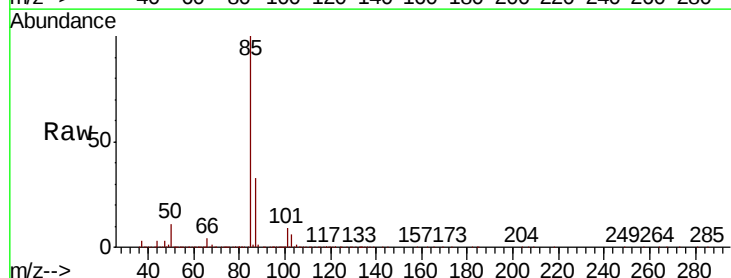
Acq: 03 Dec 2018 10:11

Tgt Ion: 85 Resp: 448063

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX006242.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX006242.D (-3) (-)

1.20

400000

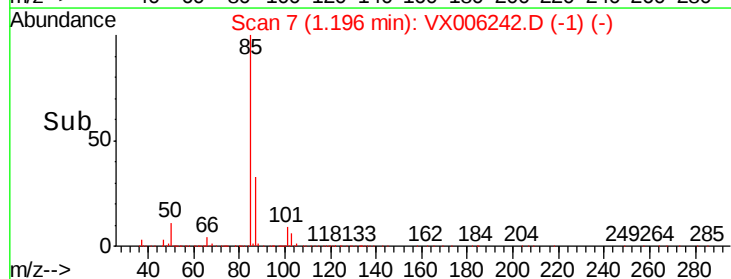
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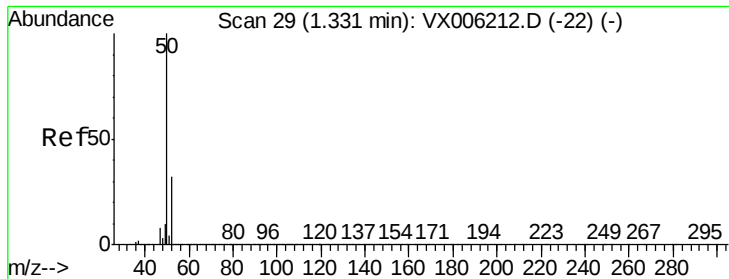
200000

100000

0

Time-->





#3

Chloromethane

Concen: 46.190 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

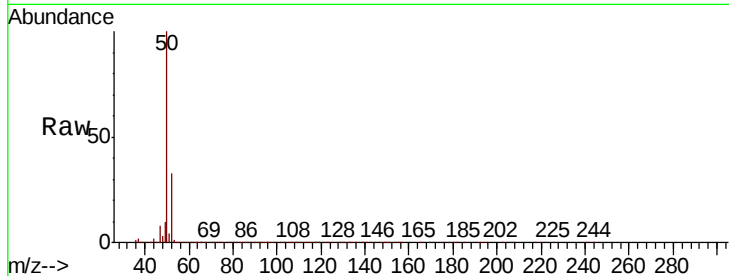
VSTDCCC050

Tot Ion: 50 Resp: 418551

Ion Ratio Lower Upper

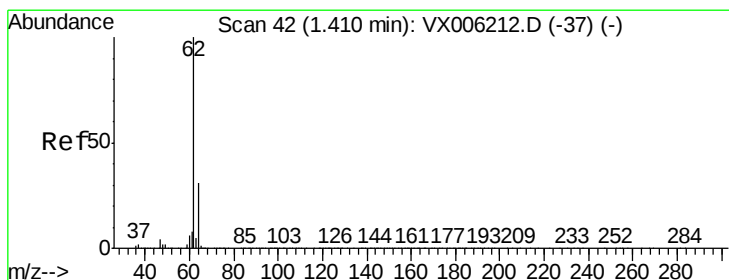
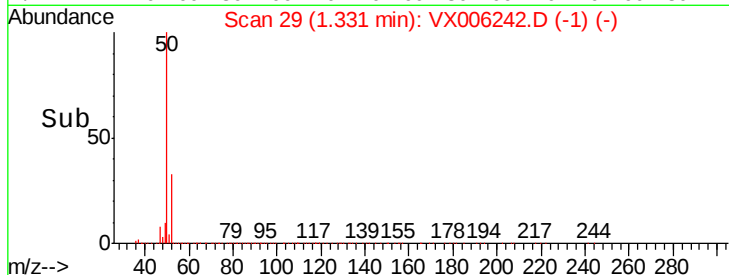
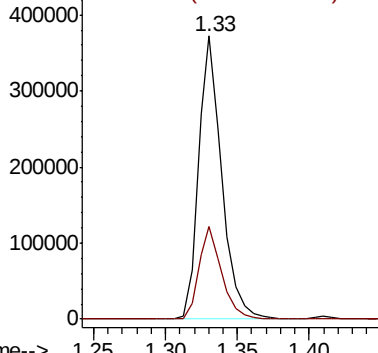
50 100

52 32.6 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.928 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006242.D

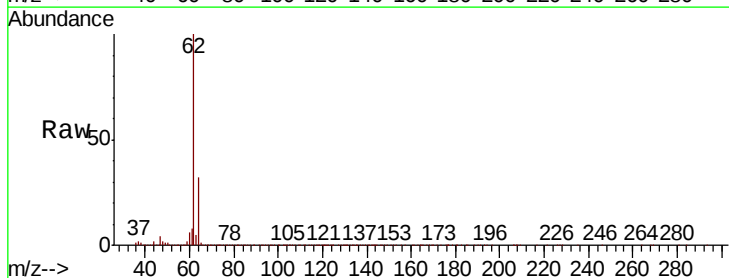
Acq: 03 Dec 2018 10:11

Tgt Ion: 62 Resp: 467414

Ion Ratio Lower Upper

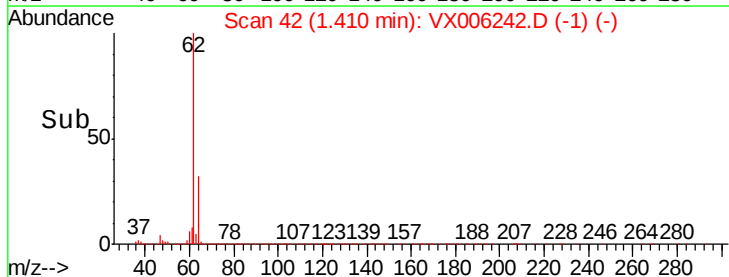
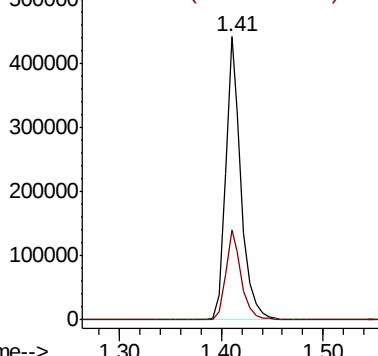
62 100

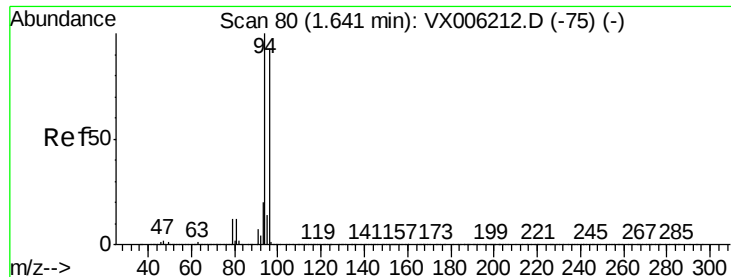
64 31.7 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.635 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

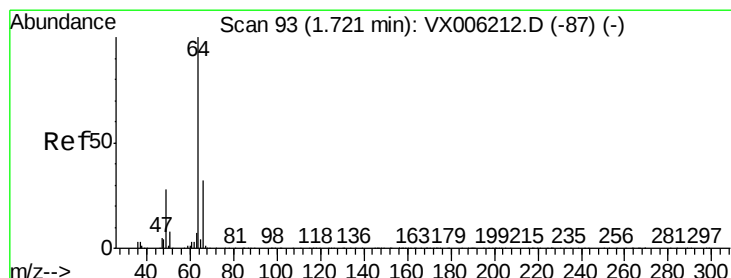
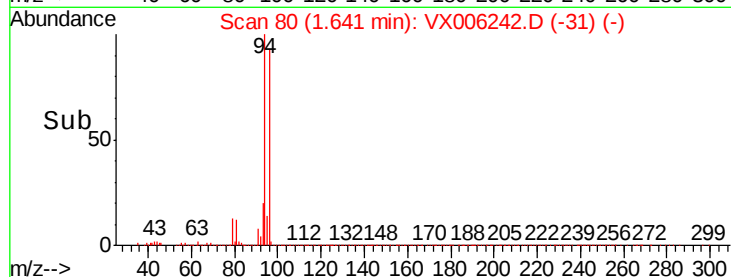
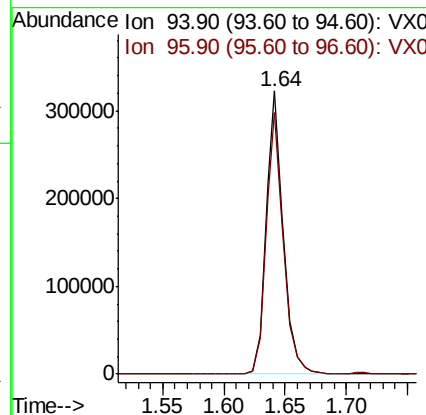
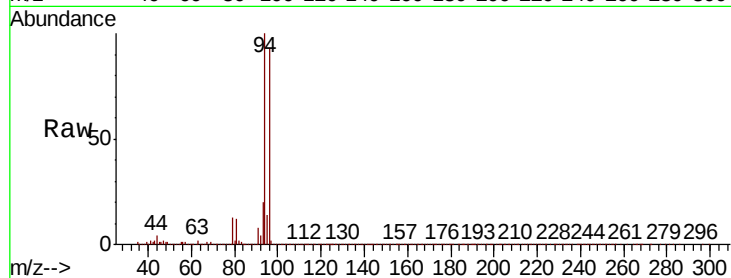
VSTDCCC050

Tot Ion: 94 Resp: 315194

Ion Ratio Lower Upper

94 100

96 92.5 74.5 111.7



#6

Chloroethane

Concen: 48.123 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006242.D

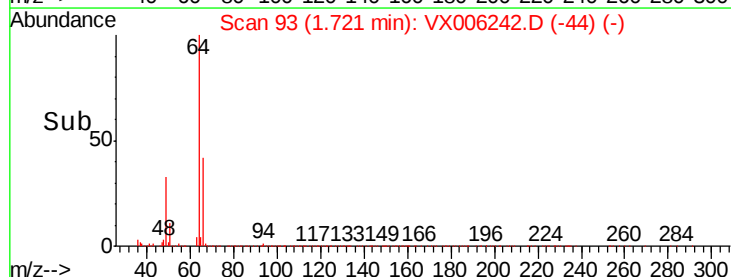
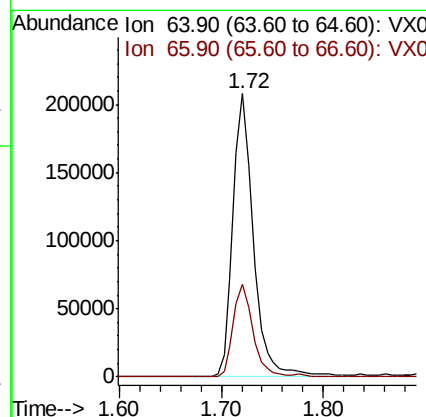
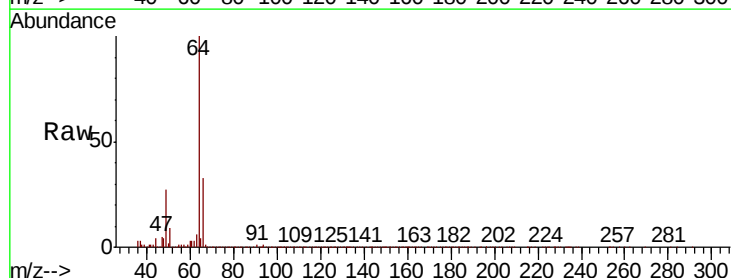
Acq: 03 Dec 2018 10:11

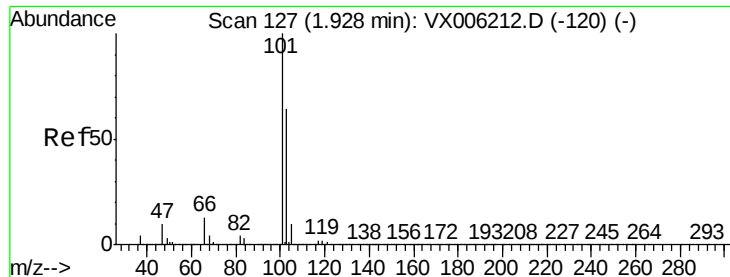
Tgt Ion: 64 Resp: 287758

Ion Ratio Lower Upper

64 100

66 32.8 25.9 38.9



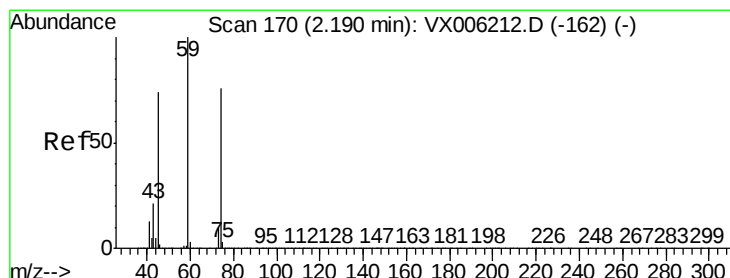
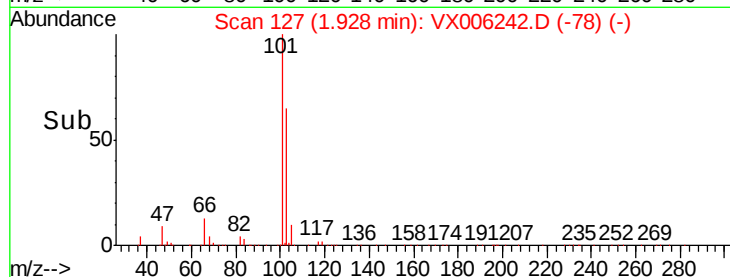
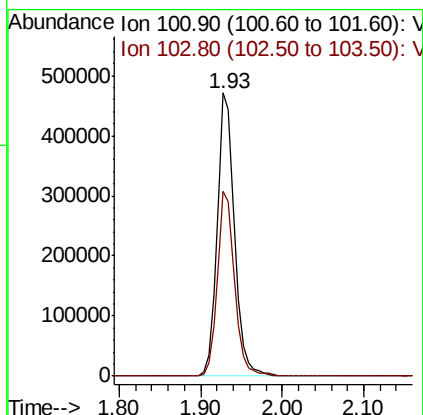
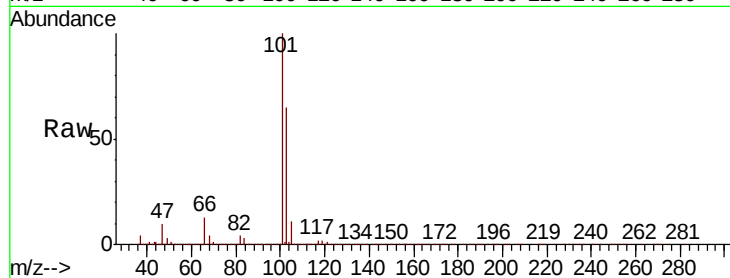


#7

Trichlorofluoromethane
Concen: 47.202 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

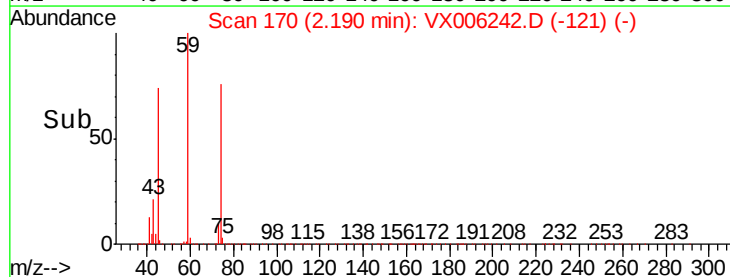
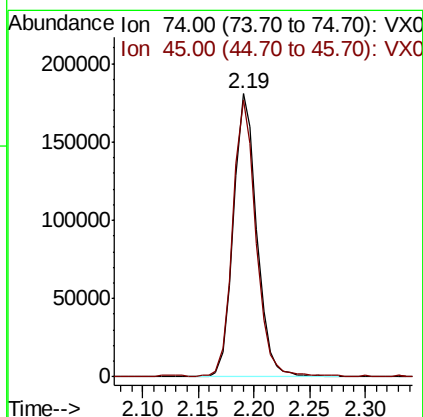
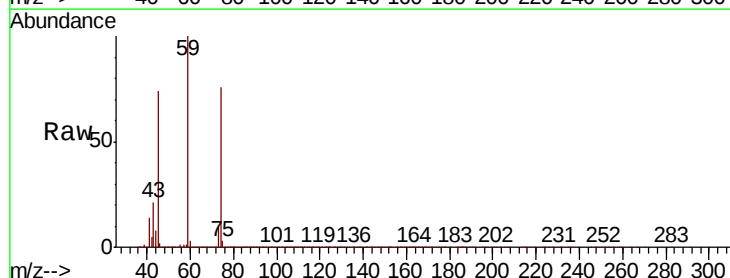
Tot Ion:101 Resp: 706630
Ion Ratio Lower Upper
101 100
103 65.2 51.0 76.4

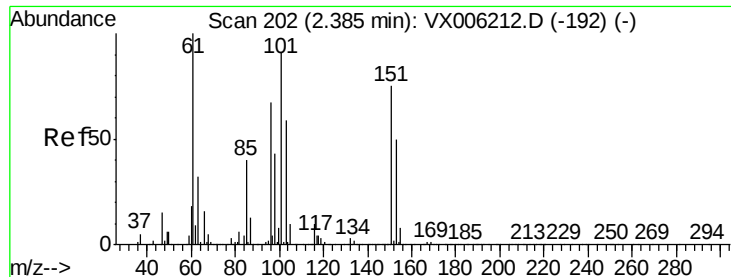


#8

Diethyl Ether
Concen: 46.017 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

Tgt Ion: 74 Resp: 260721
Ion Ratio Lower Upper
74 100
45 98.0 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.073 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

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ClientSampleId :

VSTDCCC050

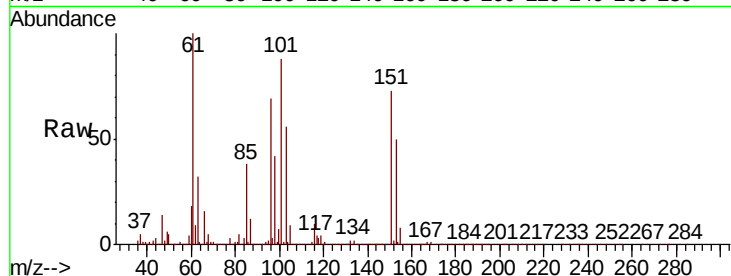
Tot Ion:101 Resp: 409217

Ion Ratio Lower Upper

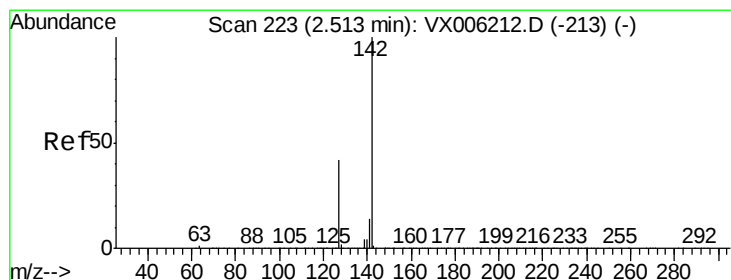
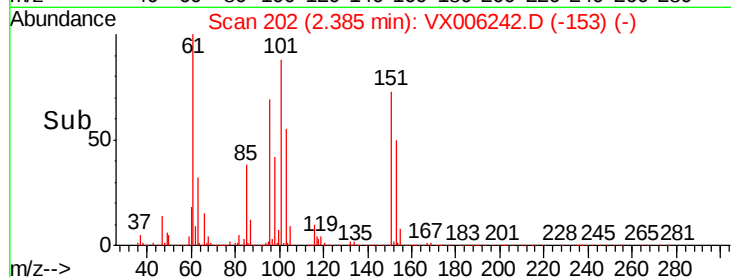
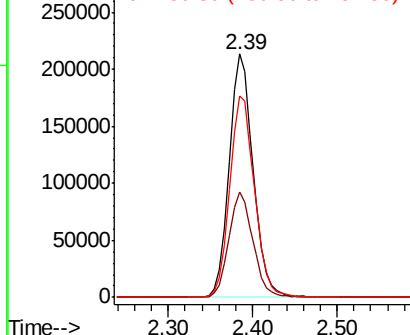
101 100

85 43.4 35.5 53.3

151 85.7 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: 47.629 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

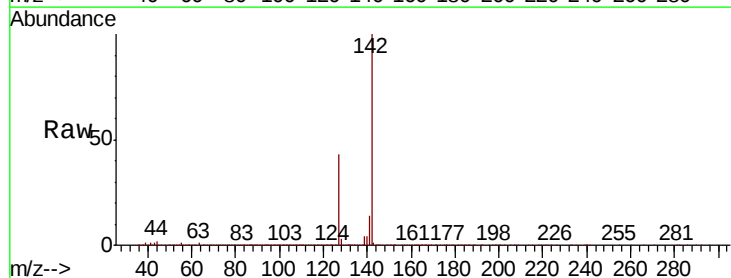
Tgt Ion:142 Resp: 611014

Ion Ratio Lower Upper

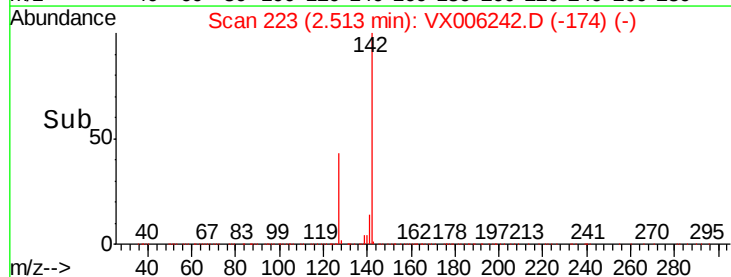
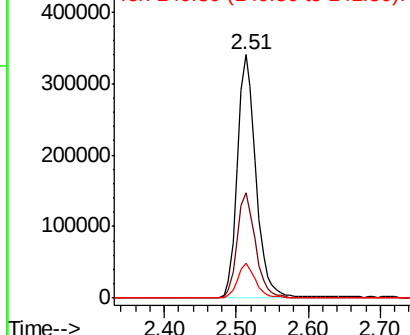
142 100

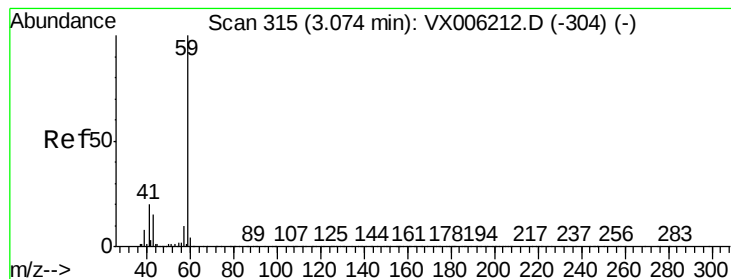
127 42.6 34.8 52.2

141 13.7 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



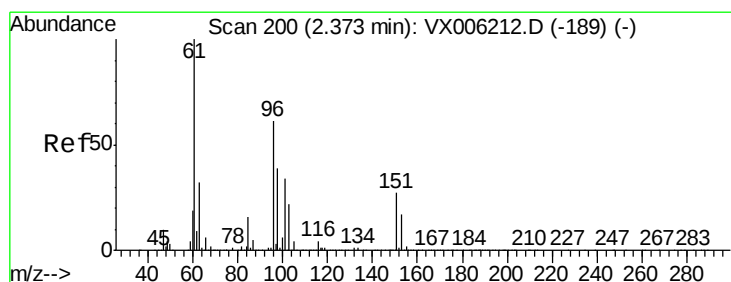
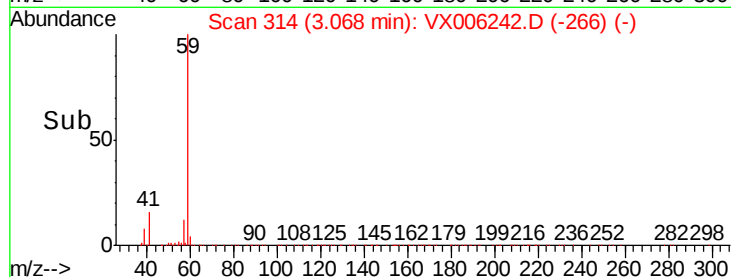
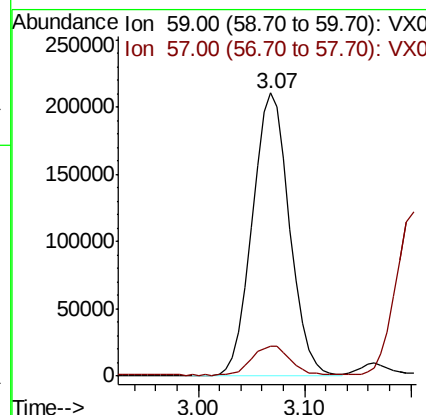
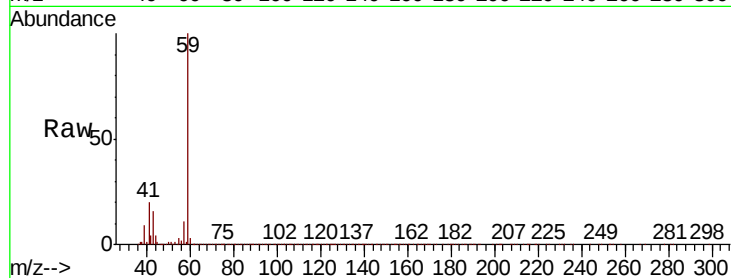


#11

Tert butyl alcohol
Concen: 204.784 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

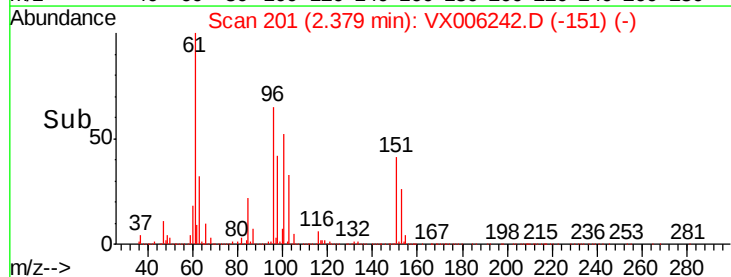
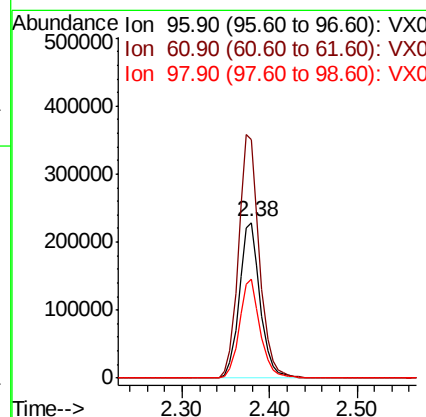
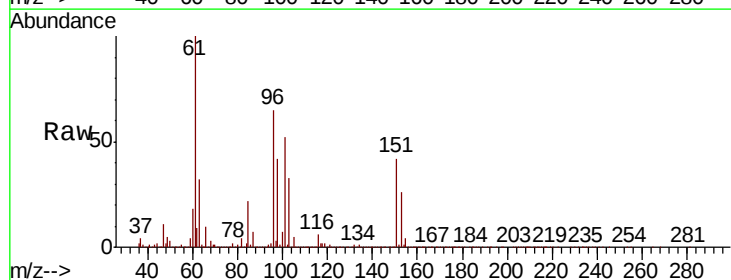
Tot Ion: 59 Resp: 514862
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2

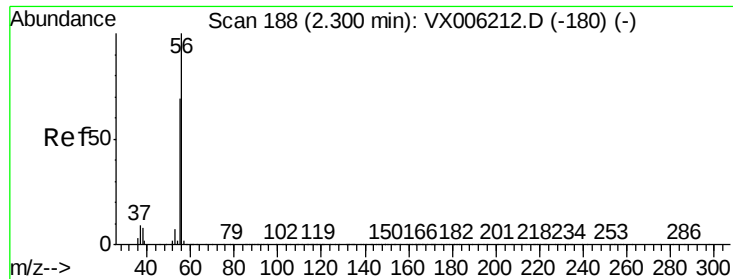


#12

1,1-Dichloroethene
Concen: 46.479 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

Tgt Ion: 96 Resp: 378754
Ion Ratio Lower Upper
96 100
61 153.6 131.7 197.5
98 63.8 51.8 77.6

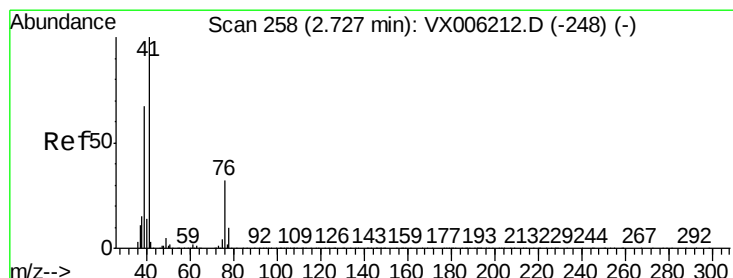
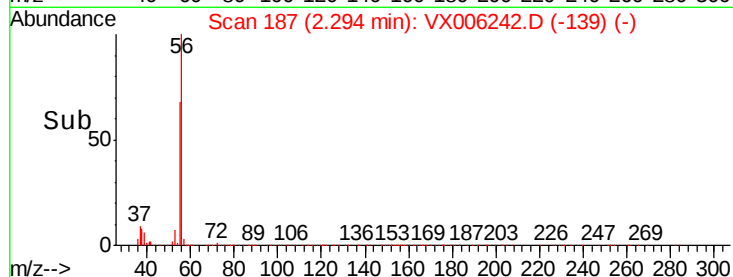
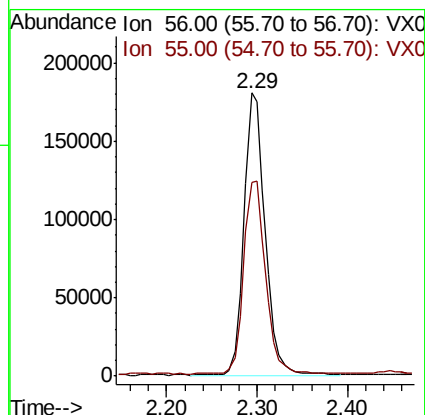
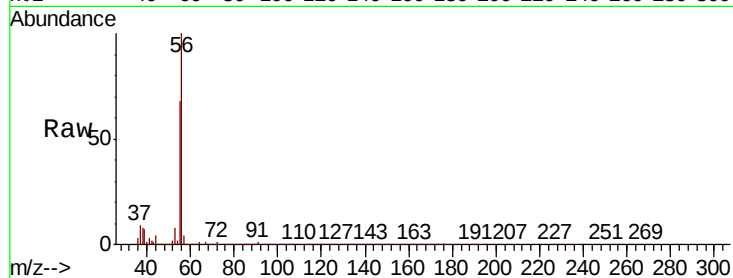




#13
Acrolein
Concen: 210.622 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

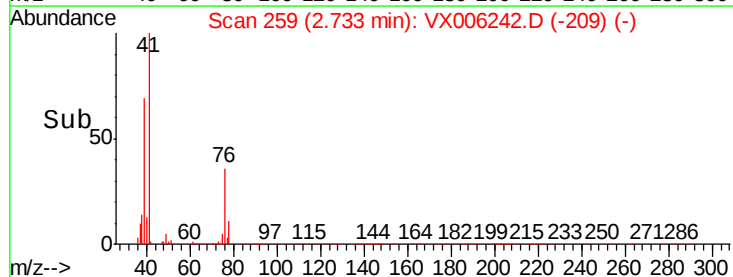
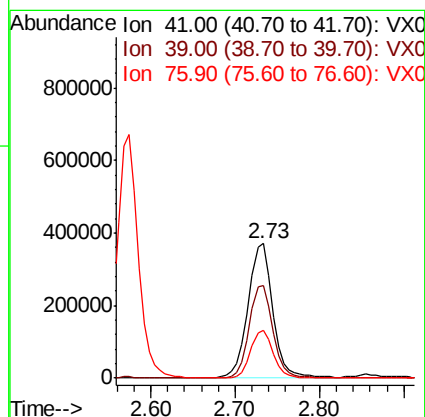
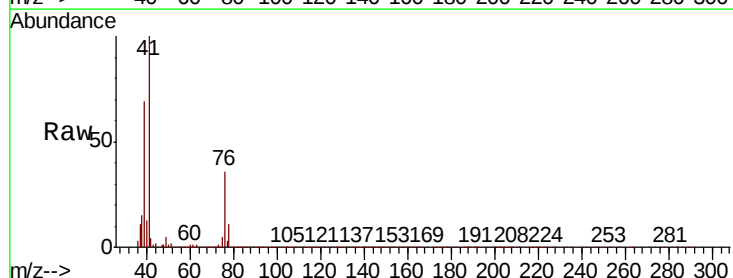
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

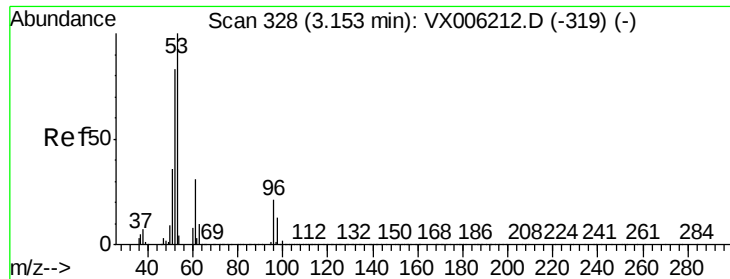
Tot Ion: 56 Resp: 289427
Ion Ratio Lower Upper
56 100
55 71.1 57.8 86.6



#14
Allyl chloride
Concen: 44.868 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.01 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

Tgt Ion: 41 Resp: 722256
Ion Ratio Lower Upper
41 100
39 65.7 52.4 78.6
76 32.8 25.4 38.0



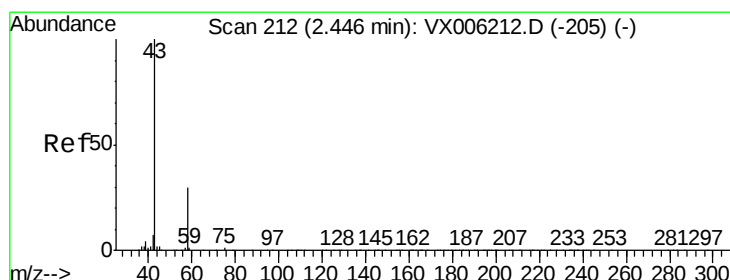
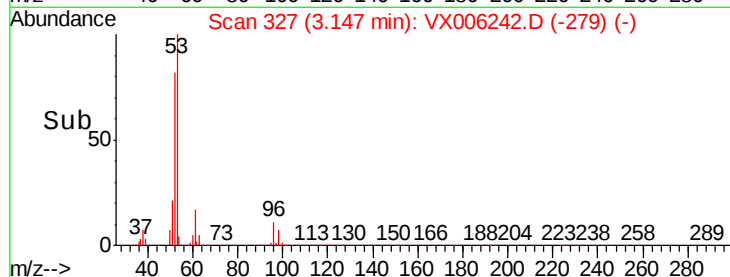
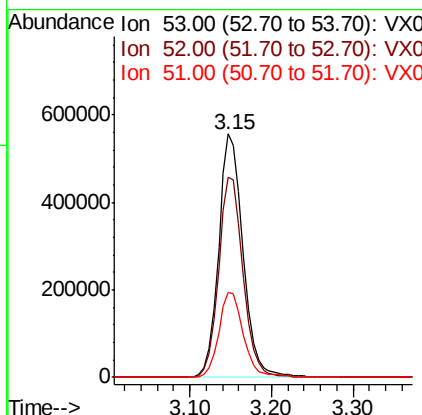
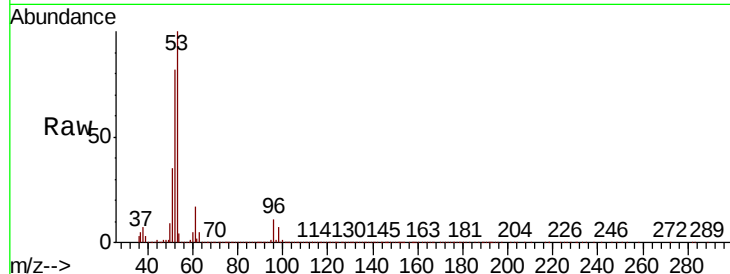


#15
 Acrylonitrile
 Concen: 218.643 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX006242.D
 Acq: 03 Dec 2018 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 53 Resp: 1147102

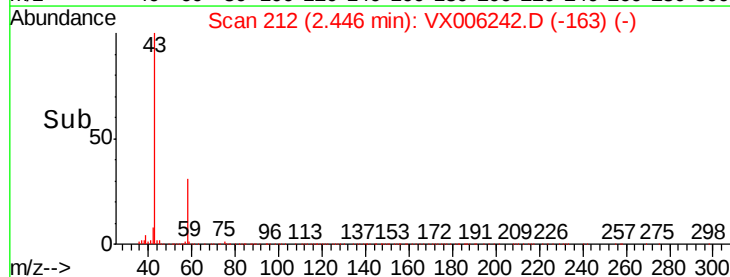
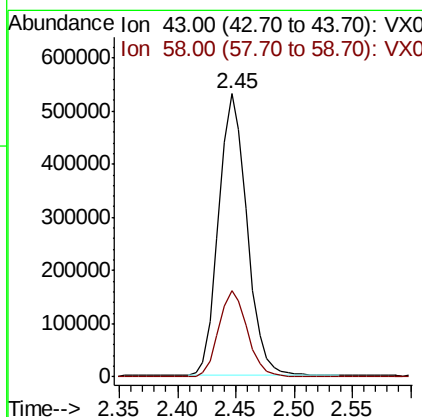
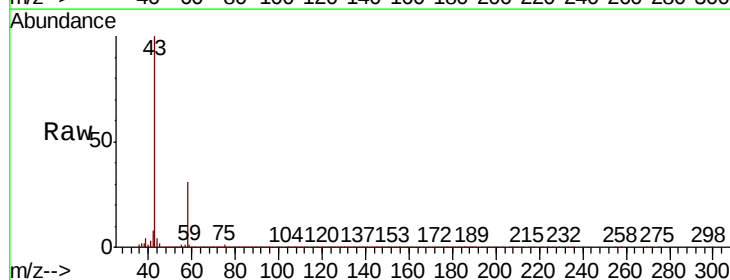
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.4
51	35.6	28.7	43.1

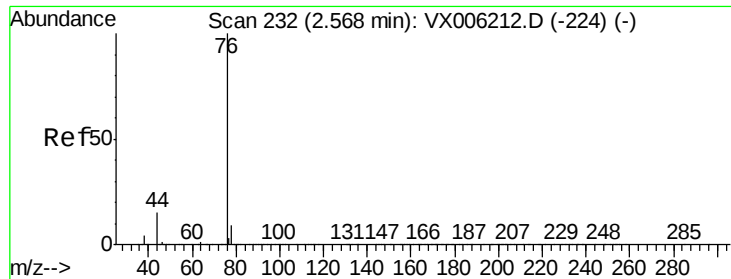


#16
 Acetone
 Concen: 207.297 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006242.D
 Acq: 03 Dec 2018 10:11

Tgt Ion: 43 Resp: 894357

Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.0	36.0





#17

Carbon Disulfide

Concen: 46.080 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

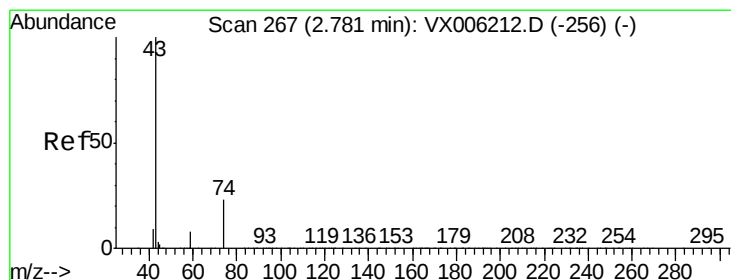
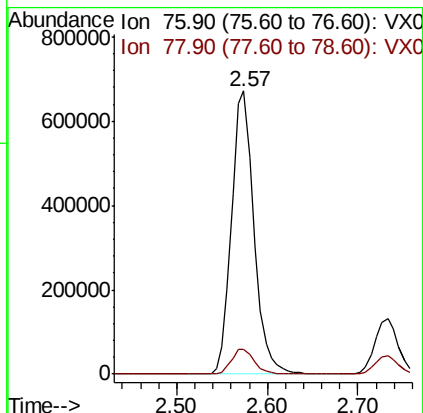
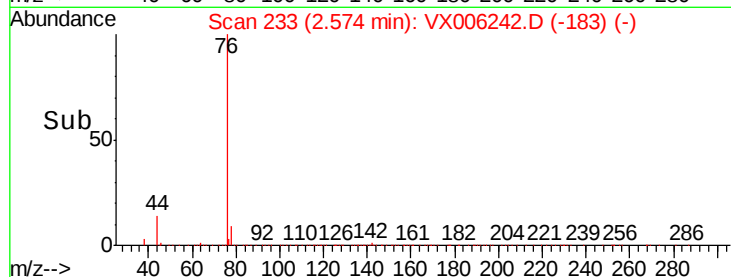
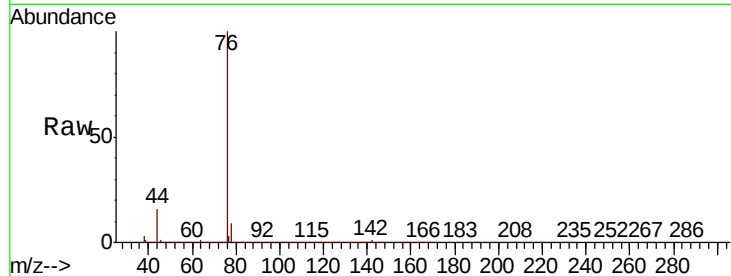
VSTDCCC050

Tot Ion: 76 Resp: 1157069

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7



#18

Methyl Acetate

Concen: 44.472 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006242.D

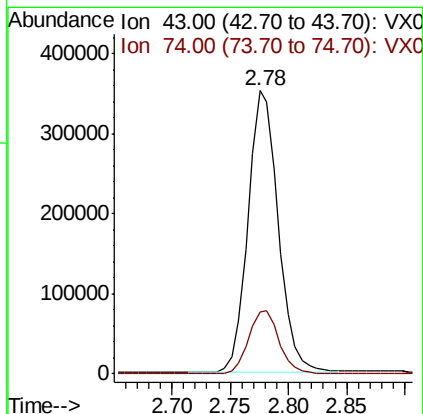
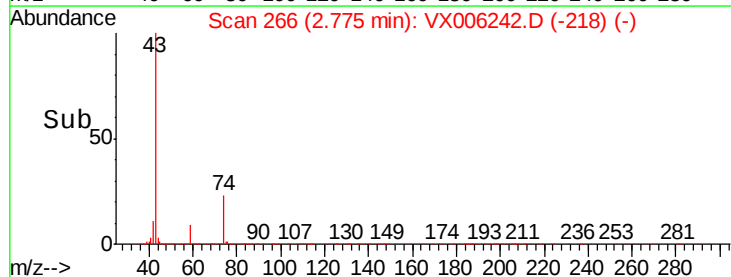
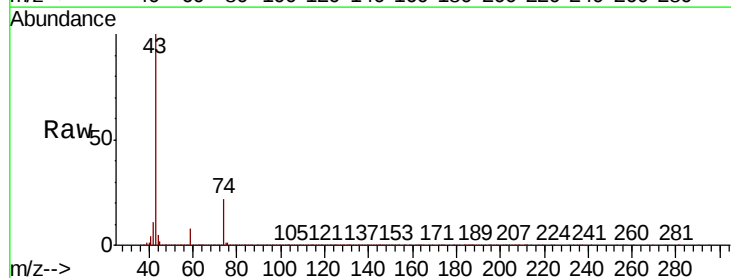
Acq: 03 Dec 2018 10:11

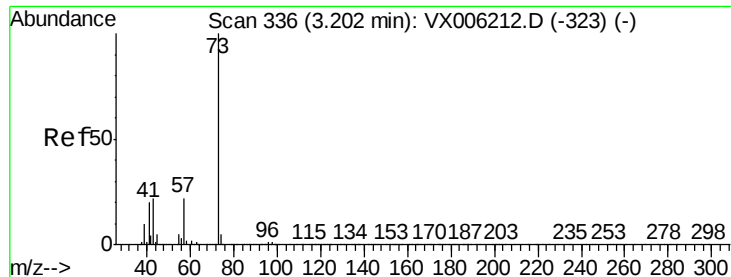
Tgt Ion: 43 Resp: 641641

Ion Ratio Lower Upper

43 100

74 22.9 17.9 26.9



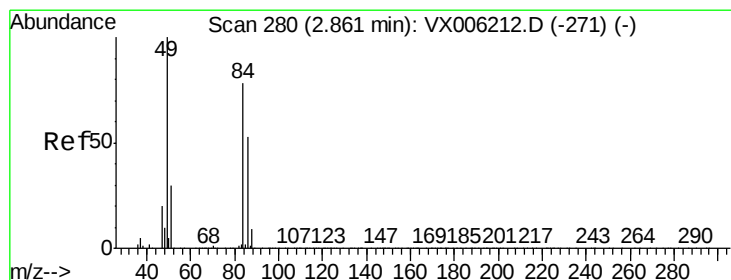
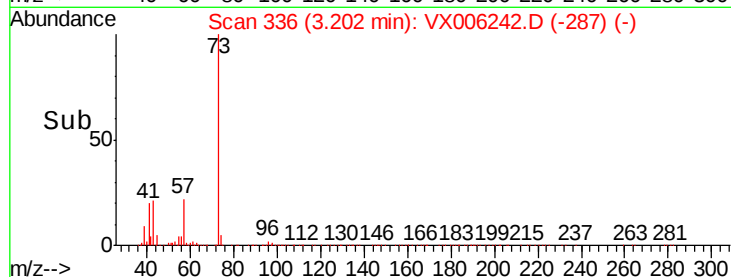
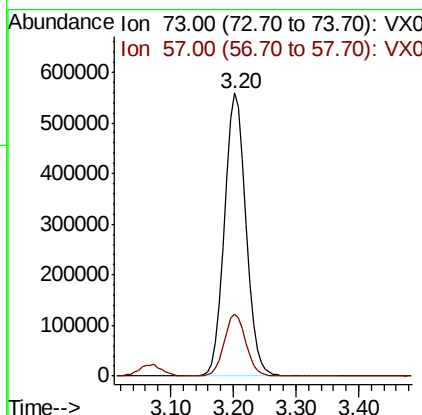
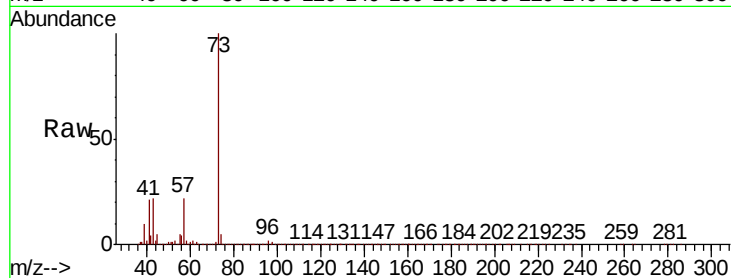


#19

Methyl tert-butyl Ether
 Concen: 45.595 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006242.D
 Acq: 03 Dec 2018 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

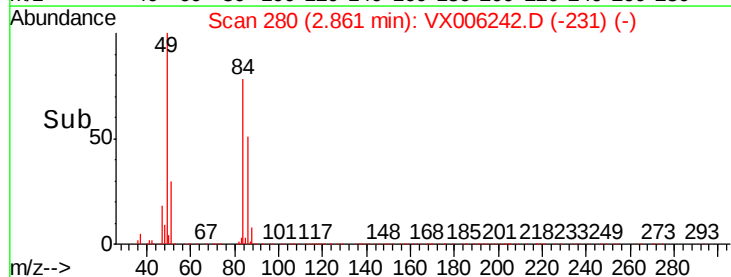
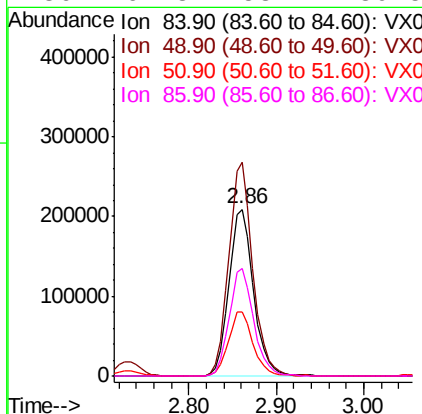
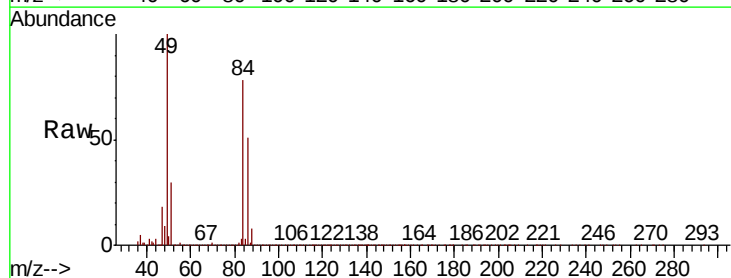
Tot Ion: 73 Resp: 1325455
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.5 26.3

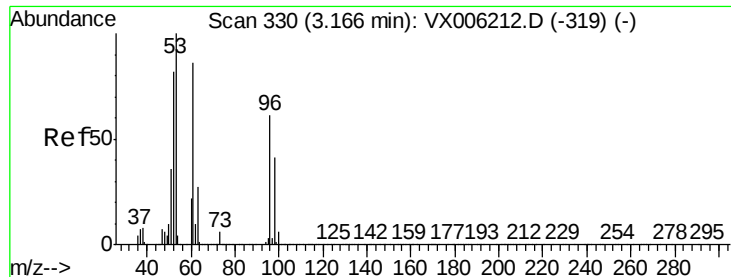


#20

Methylene Chloride
 Concen: 44.299 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX006242.D
 Acq: 03 Dec 2018 10:11

Tgt Ion: 84 Resp: 406757
 Ion Ratio Lower Upper
 84 100
 49 128.3 102.2 153.4
 51 38.6 31.1 46.7
 86 64.8 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 46.389 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

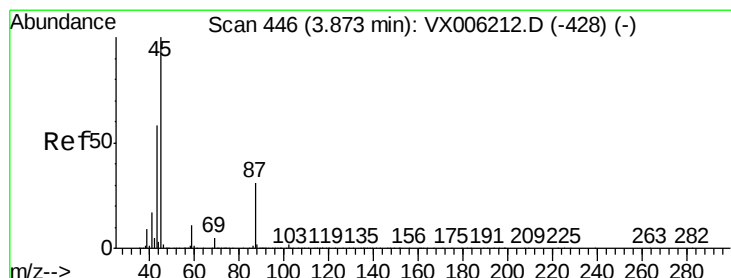
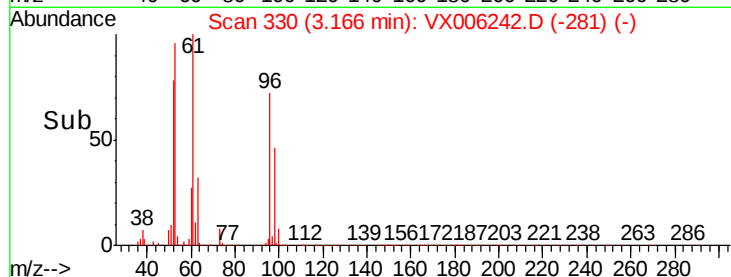
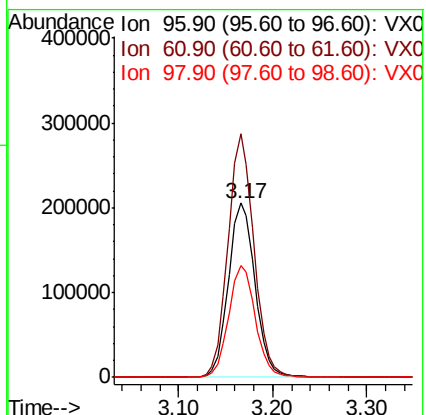
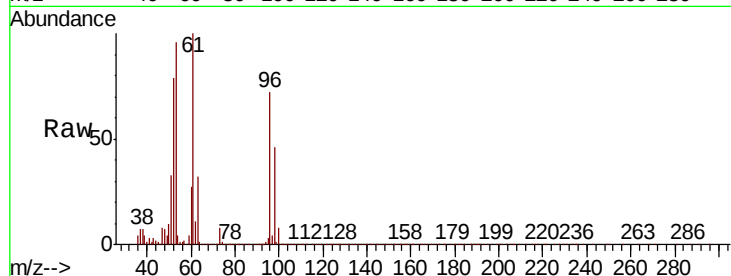
Tot Ion: 96 Resp: 402844

Ion Ratio Lower Upper

96 100

61 139.9 113.3 169.9

98 64.1 53.2 79.8



#22

Diisopropyl ether

Concen: 46.783 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Tgt Ion: 45 Resp: 1176281

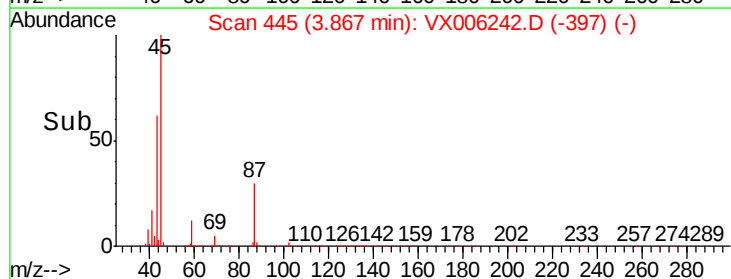
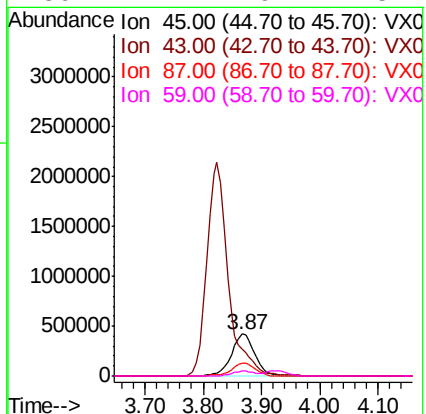
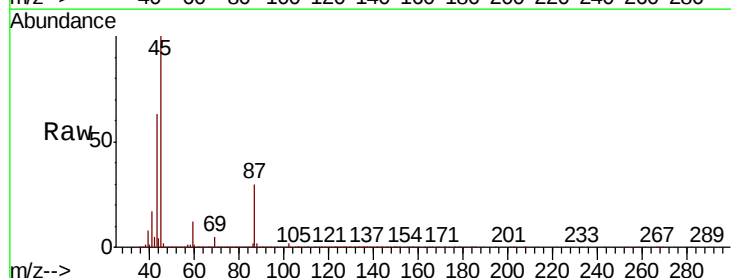
Ion Ratio Lower Upper

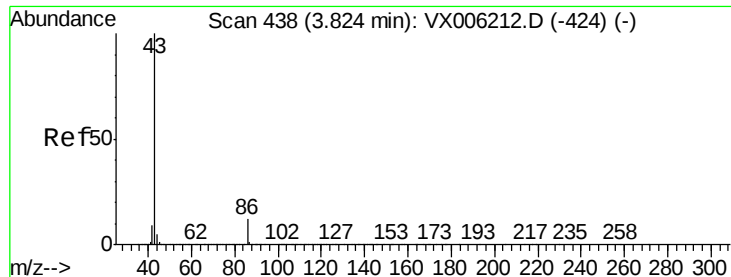
45 100

43 62.6 46.2 69.2

87 30.4 24.9 37.3

59 11.7 9.1 13.7





#23

Vinyl Acetate

Concen: 254.546 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

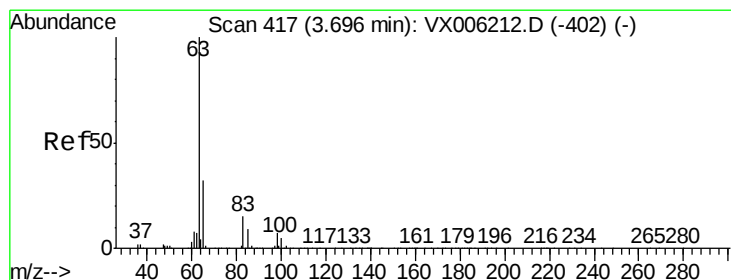
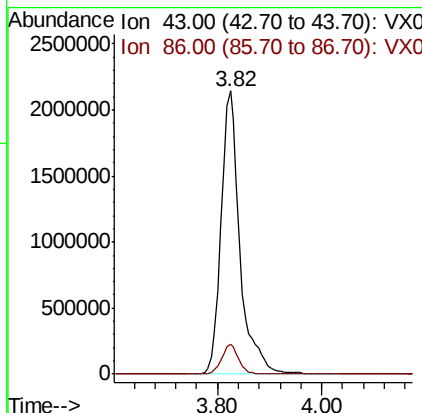
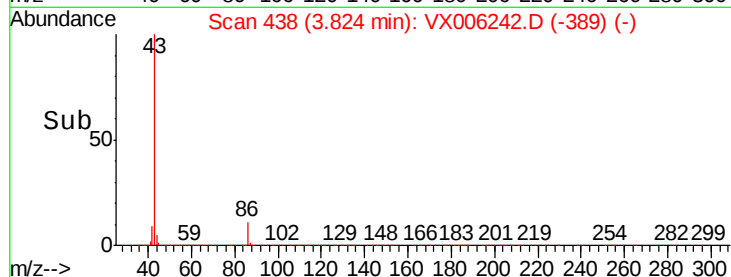
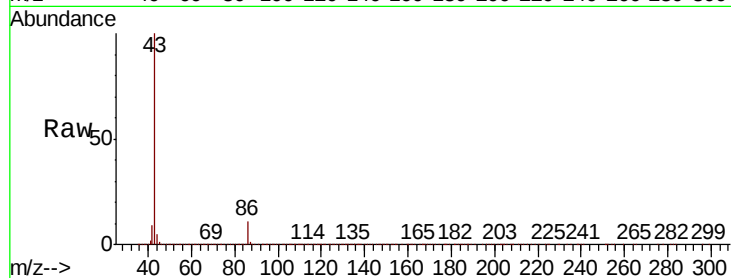
VSTDCCC050

Tot Ion: 43 Resp: 5458761

Ion Ratio Lower Upper

43 100

86 10.7 9.4 14.0



#24

1,1-Dichloroethane

Concen: 50.208 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

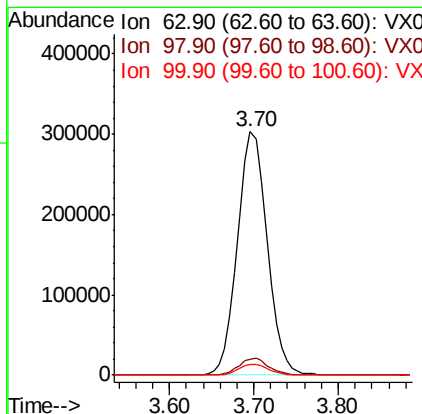
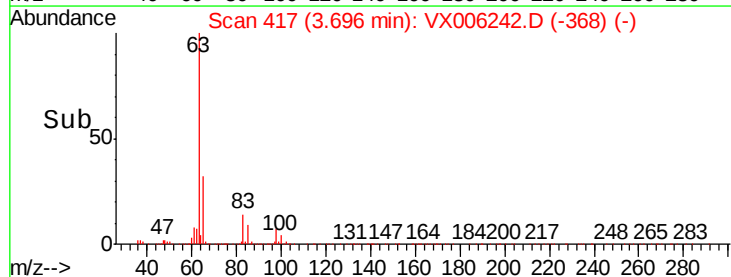
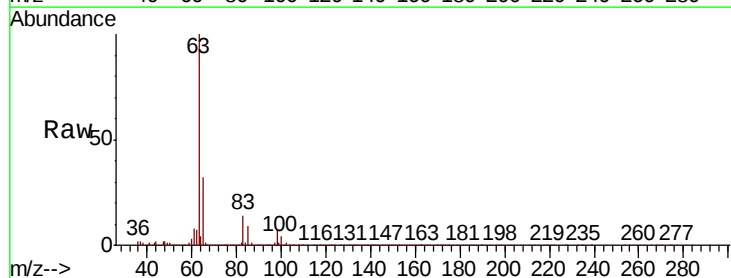
Tgt Ion: 63 Resp: 721557

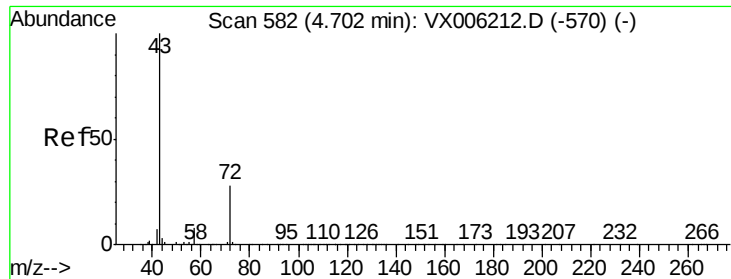
Ion Ratio Lower Upper

63 100

98 6.6 3.8 11.4

100 4.4 2.5 7.4

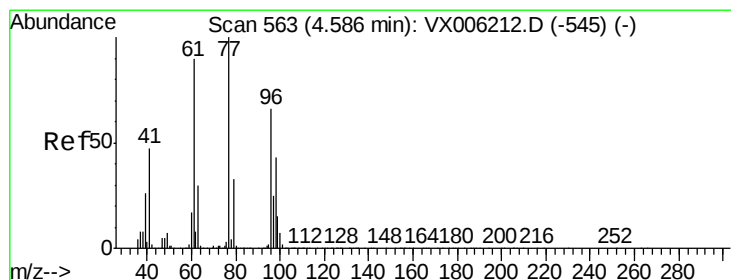
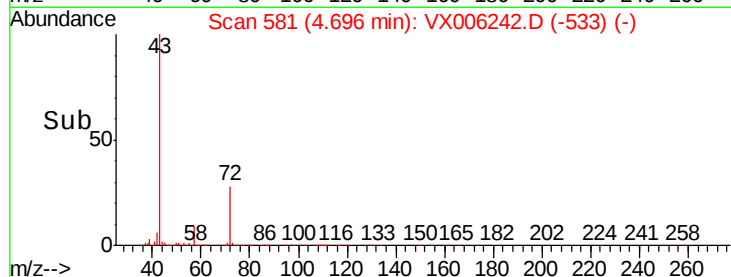
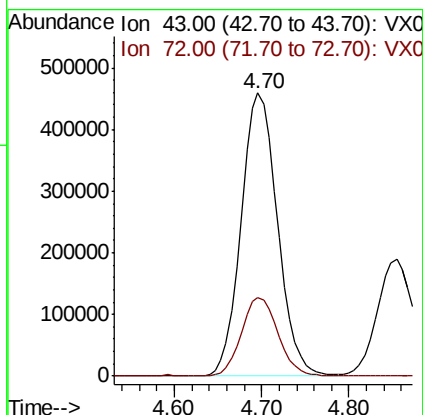
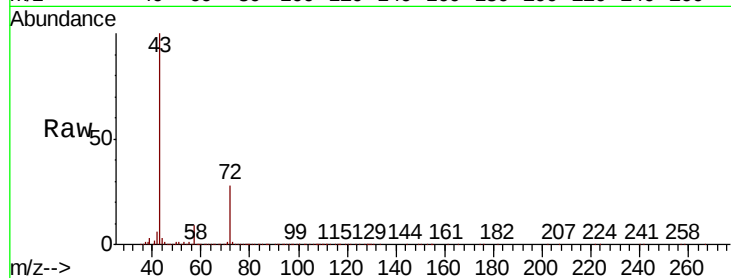




#25
2-Butanone
Concen: 214.864 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

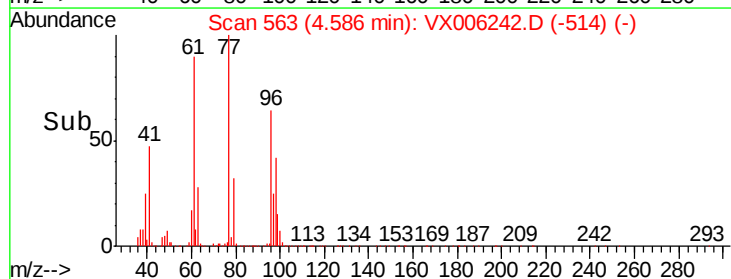
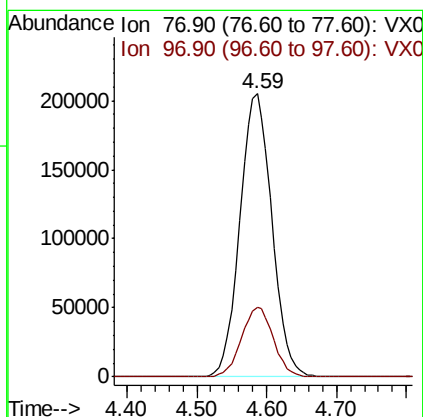
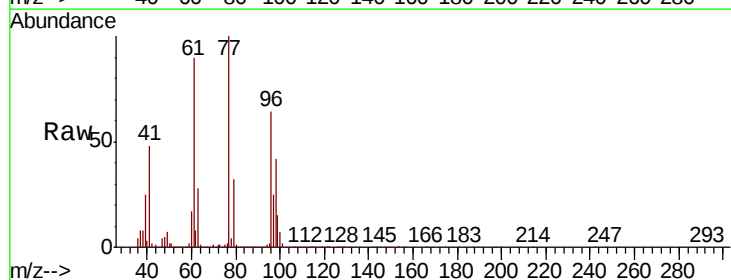
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

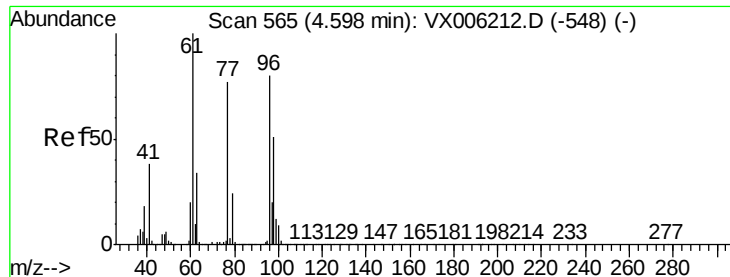
Tot Ion: 43 Resp: 1322698
Ion Ratio Lower Upper
43 100
72 27.8 22.6 33.8



#26
2,2-Dichloropropane
Concen: 48.853 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

Tgt Ion: 77 Resp: 647937
Ion Ratio Lower Upper
77 100
97 24.5 12.3 36.8



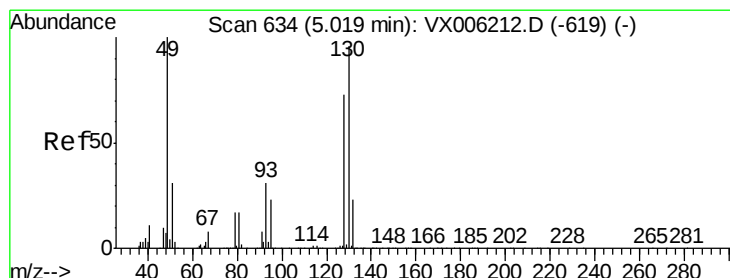
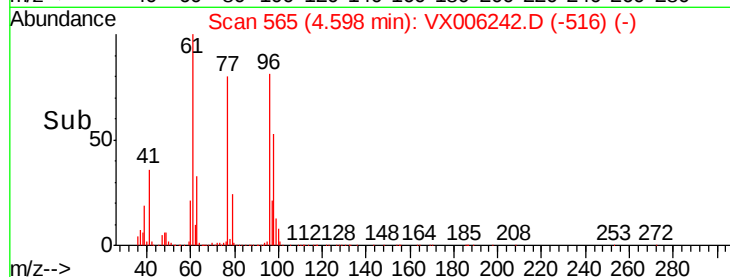
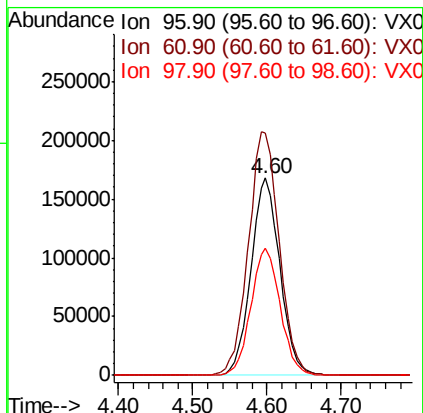
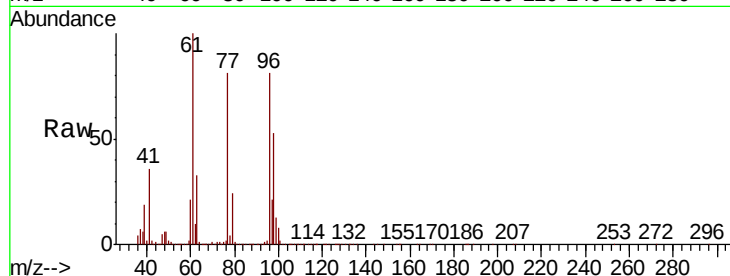


#27

cis-1,2-Dichloroethene
 Concen: 47.105 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006242.D
 Acq: 03 Dec 2018 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

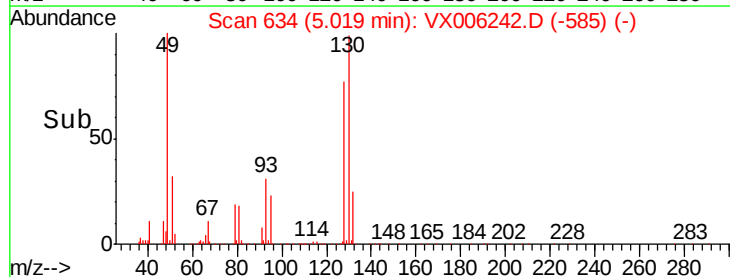
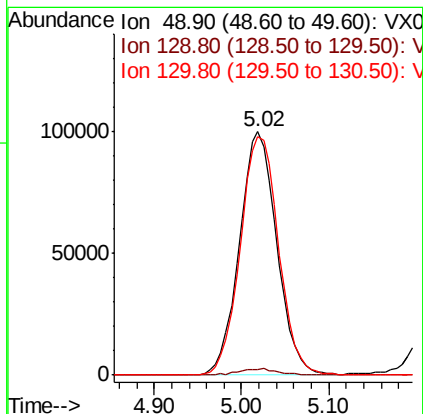
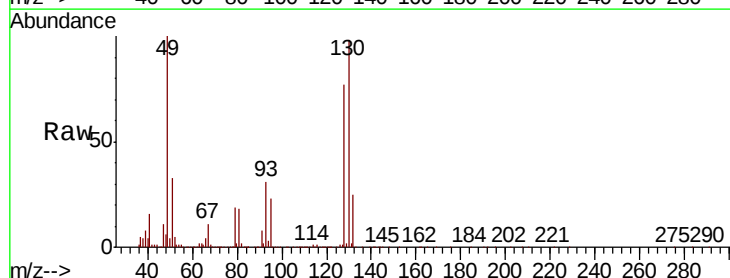
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.4	0.0	265.0
98	65.5	0.0	130.2

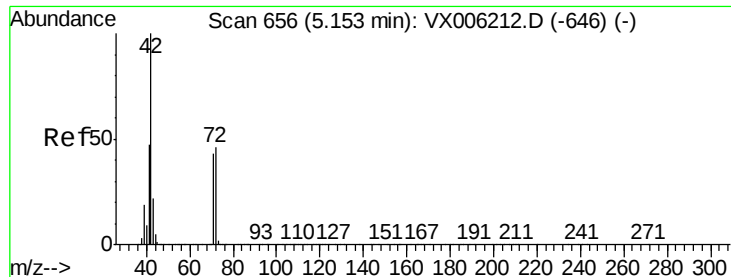


#28

Bromochloromethane
 Concen: 47.390 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006242.D
 Acq: 03 Dec 2018 10:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	100.3	78.3	117.5





#29

Tetrahydrofuran

Concen: 219.533 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

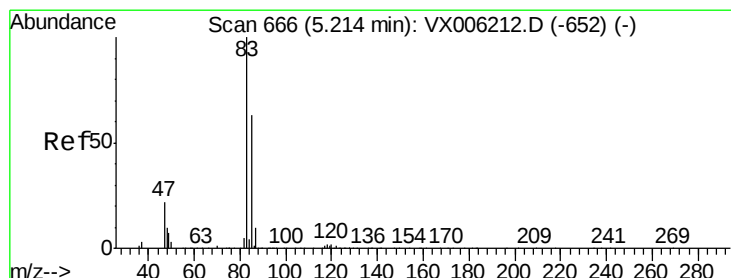
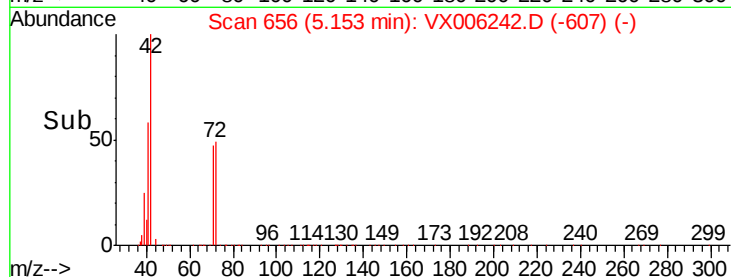
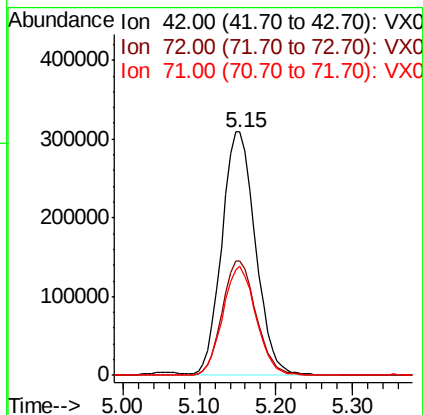
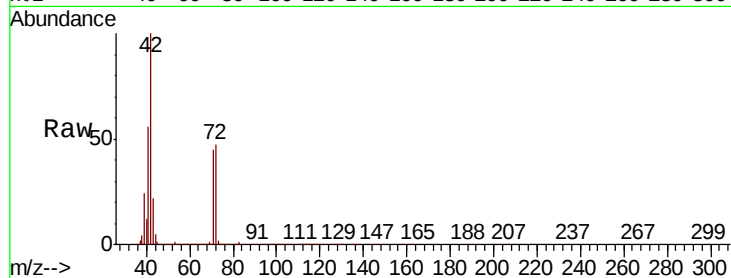
Tot Ion: 42 Resp: 939251

Ion Ratio Lower Upper

42 100

72 47.6 37.8 56.8

71 44.1 35.2 52.8



#30

Chloroform

Concen: 46.588 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006242.D

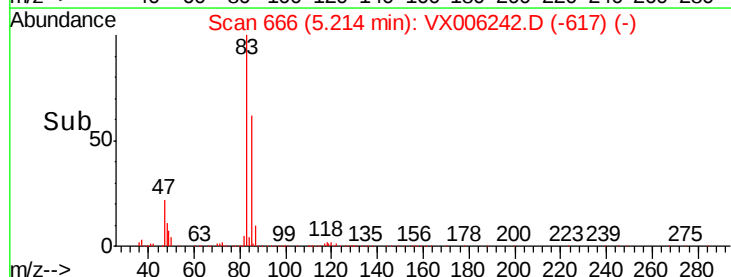
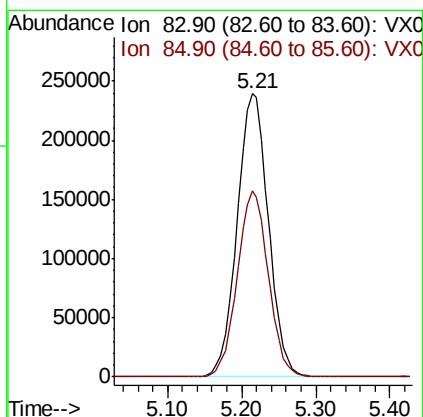
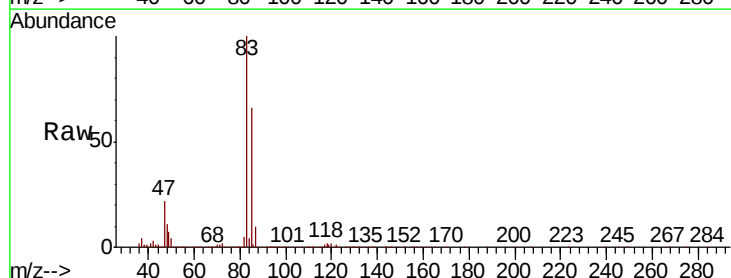
Acq: 03 Dec 2018 10:11

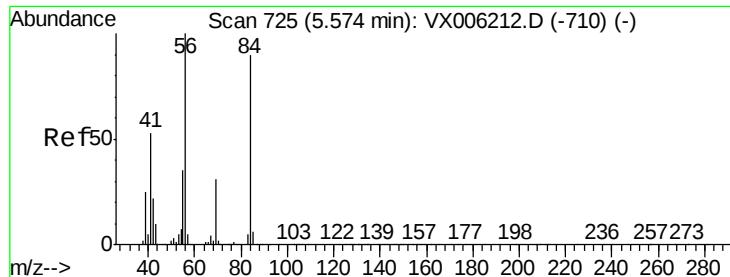
Tgt Ion: 83 Resp: 703593

Ion Ratio Lower Upper

83 100

85 65.6 50.3 75.5

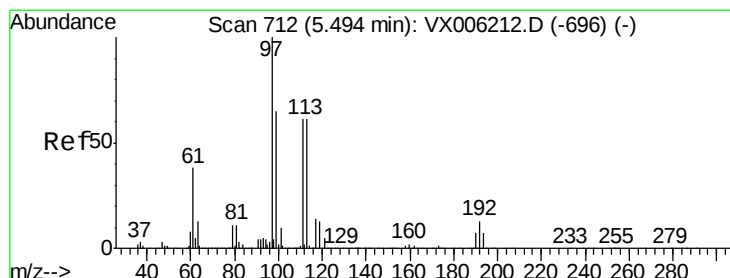
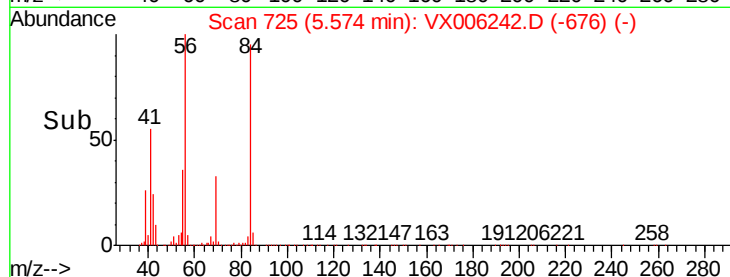
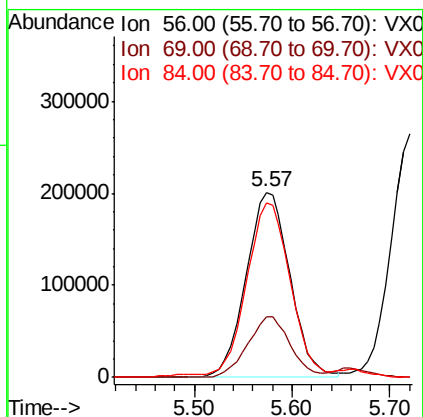
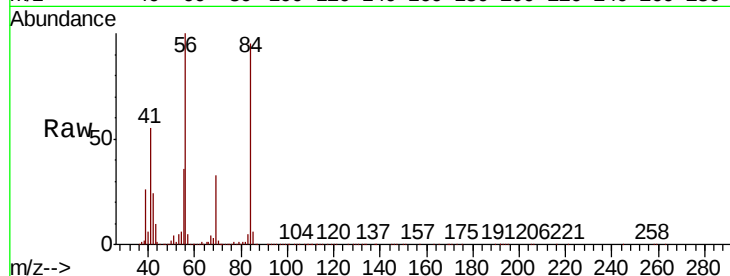




#31
Cyclohexane
Concen: 46.820 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

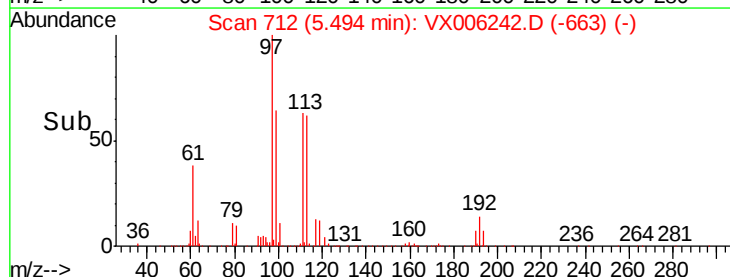
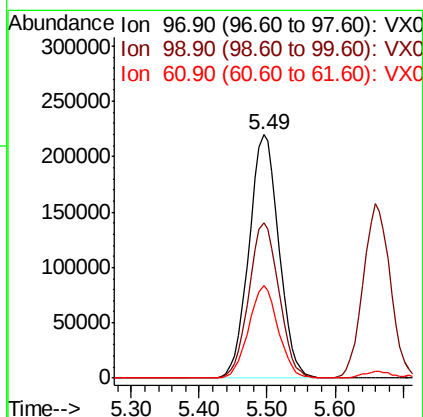
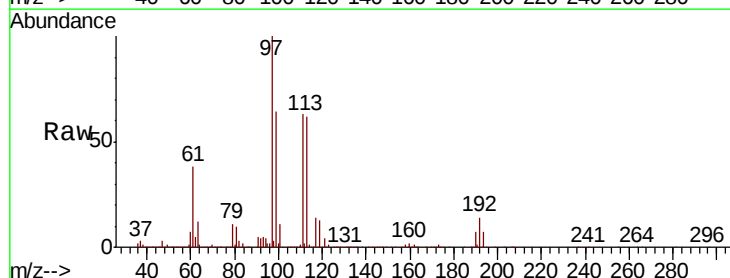
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 621831
Ion Ratio Lower Upper
56 100
69 32.9 24.5 36.7
84 93.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 46.875 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

Tgt Ion: 97 Resp: 673561
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 37.6 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 47.272 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

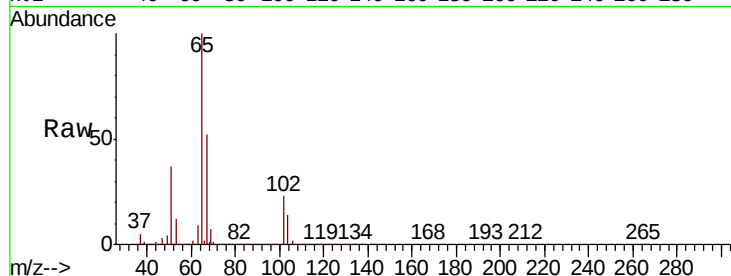
VSTDCCC050

Tot Ion: 65 Resp: 434588

Ion Ratio Lower Upper

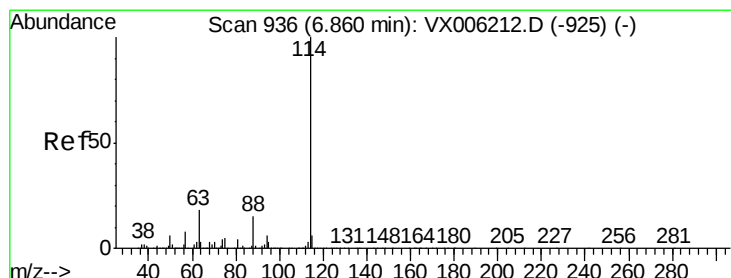
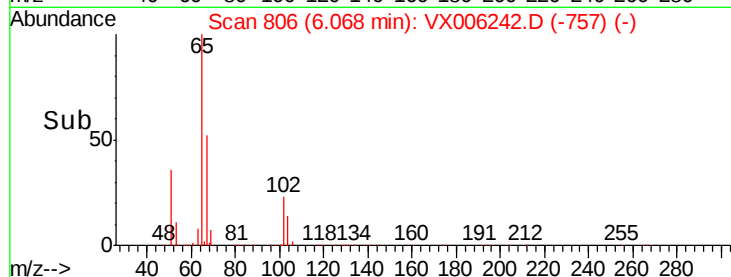
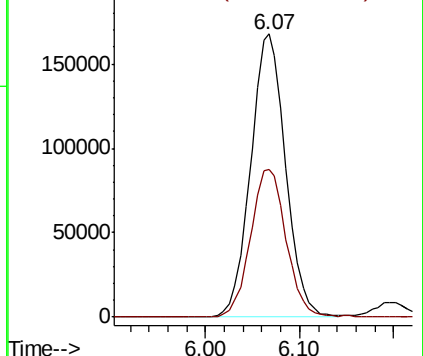
65 100

67 53.1 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: VX006242.D

Acq: 03 Dec 2018 10:11

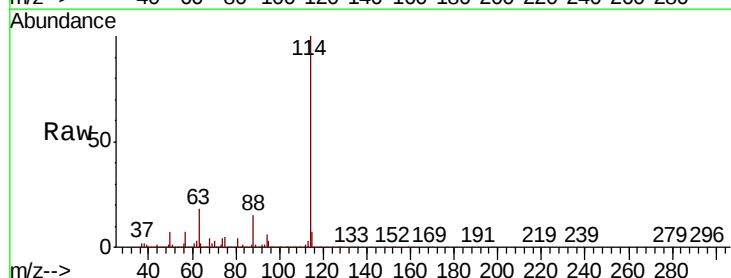
Tgt Ion: 114 Resp: 1276177

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

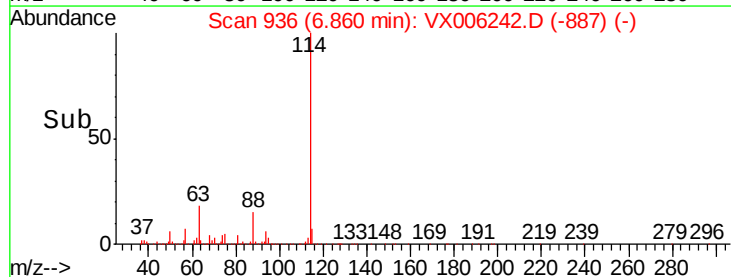
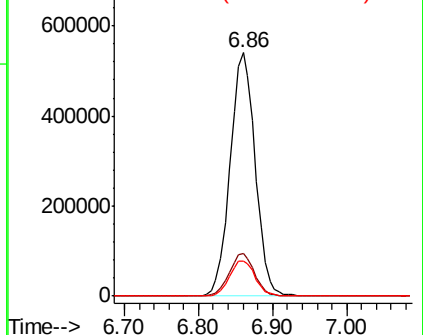
88 14.6 0.0 29.0



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: 50.859 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

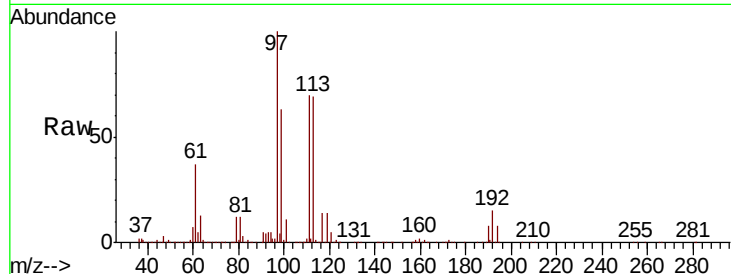
Tot Ion:113 Resp: 420234

Ion Ratio Lower Upper

113 100

111 102.0 81.1 121.7

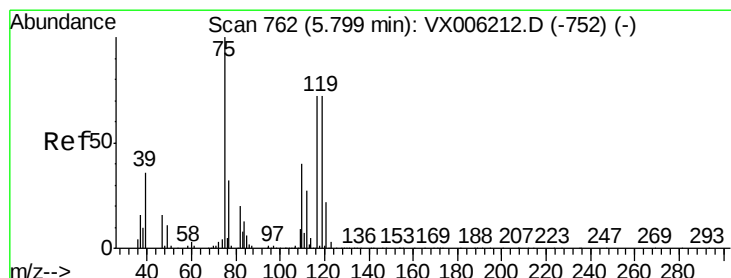
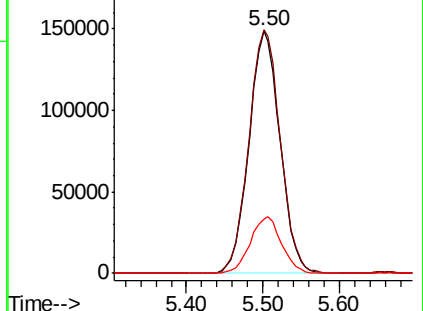
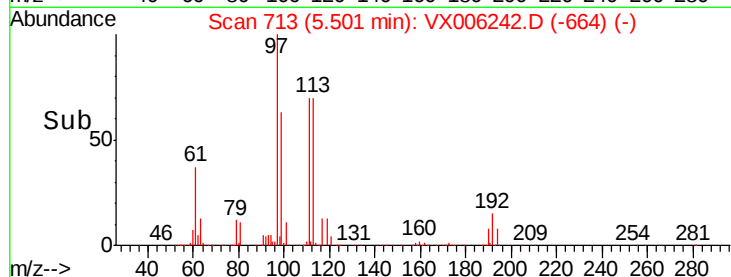
192 23.4 18.2 27.2



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: 49.276 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

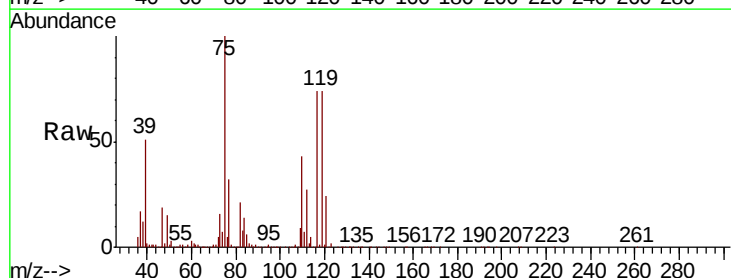
Tgt Ion: 75 Resp: 529556

Ion Ratio Lower Upper

75 100

110 41.0 20.4 61.3

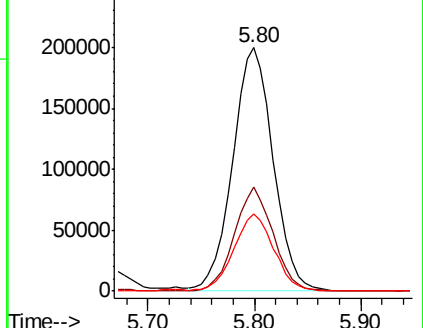
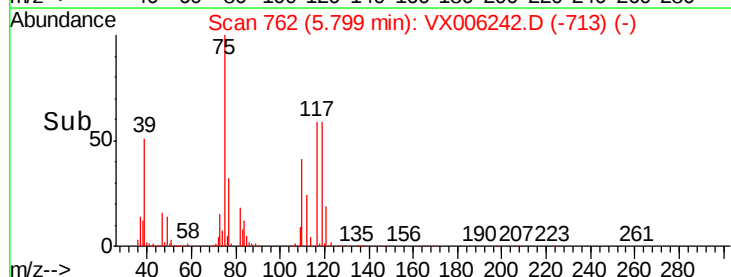
77 31.4 24.9 37.3

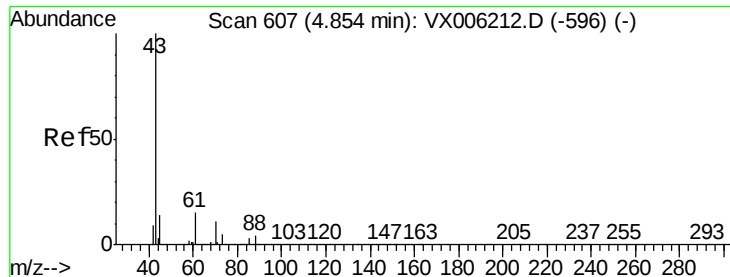


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

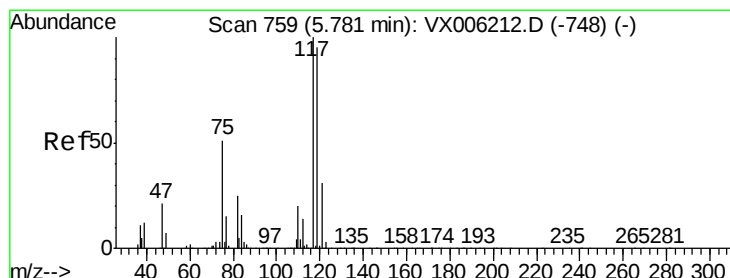
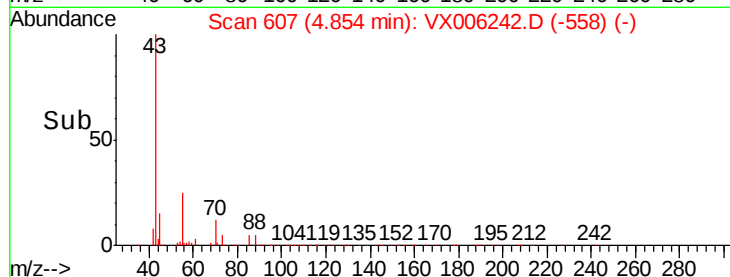
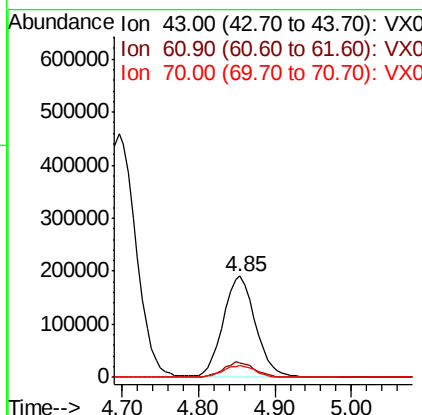
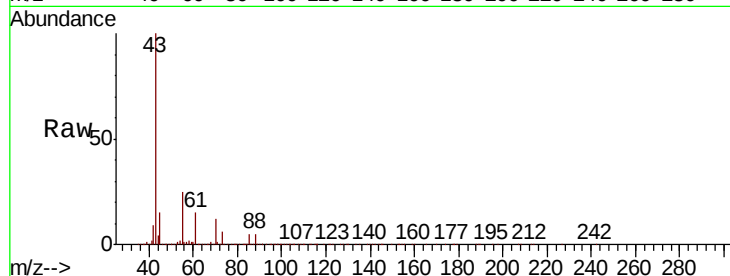




#37
Ethyl Acetate
Concen: 45.946 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

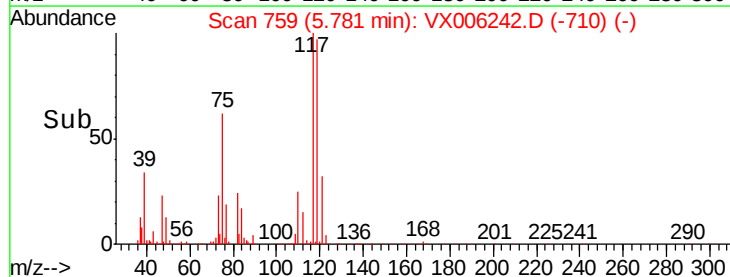
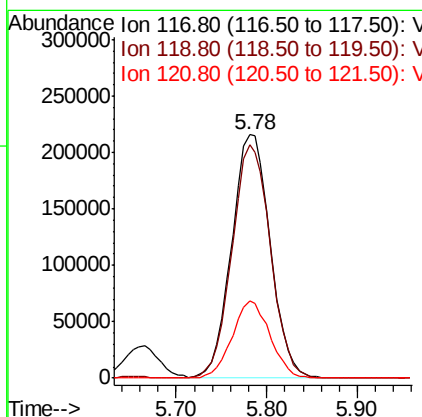
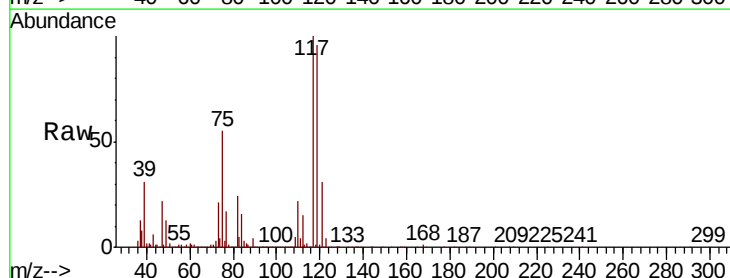
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

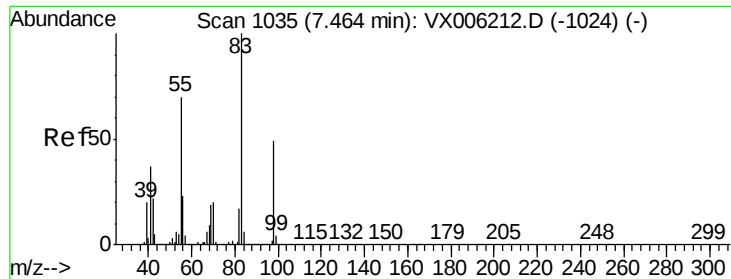
Tot Ion: 43 Resp: 552953
Ion Ratio Lower Upper
43 100
61 14.8 11.5 17.3
70 12.0 9.0 13.6



#38
Carbon Tetrachloride
Concen: 50.198 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

Tgt Ion: 117 Resp: 634634
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8
121 31.4 24.6 37.0

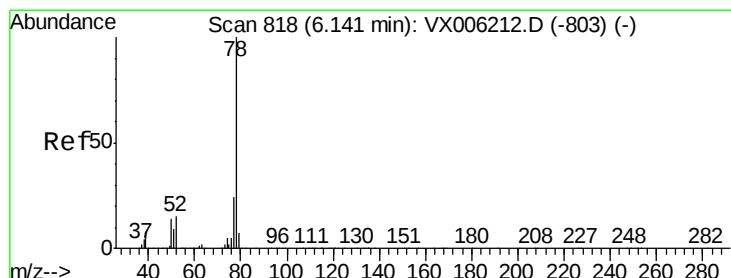
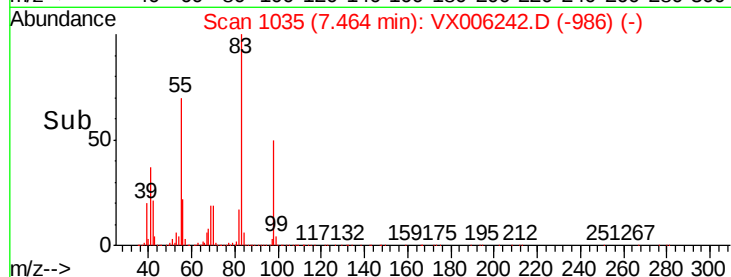
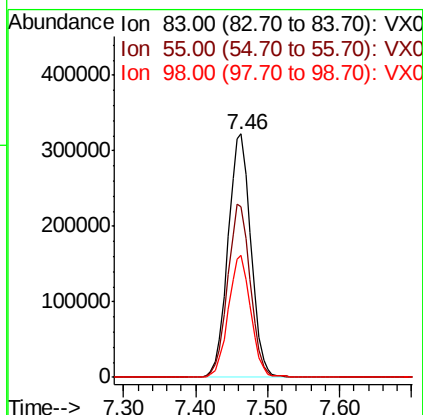
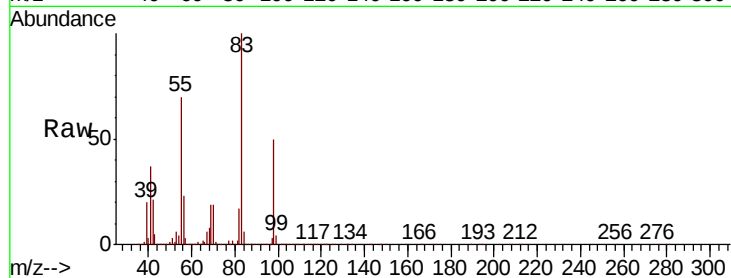




#39
Methvlcvclohexane
Concen: 51.047 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

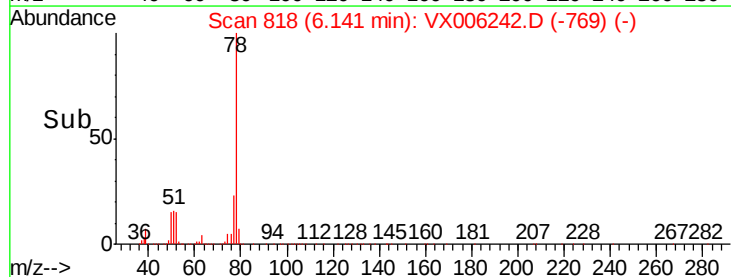
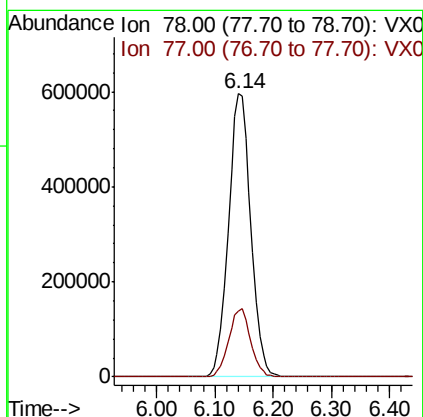
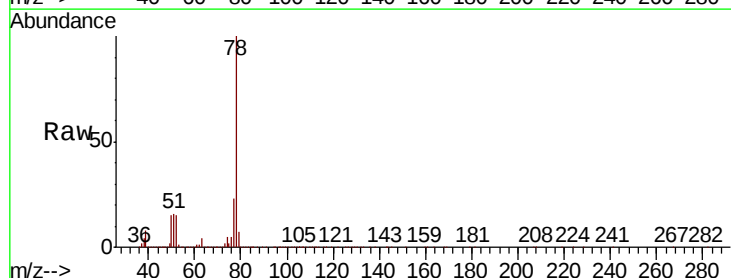
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 712094
Ion Ratio Lower Upper
83 100
55 70.3 56.4 84.6
98 49.9 39.0 58.6



#40
Benzene
Concen: 49.261 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

Tgt Ion: 78 Resp: 1585574
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8





#41

Methacrylonitrile

Concen: 46.439 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 307530

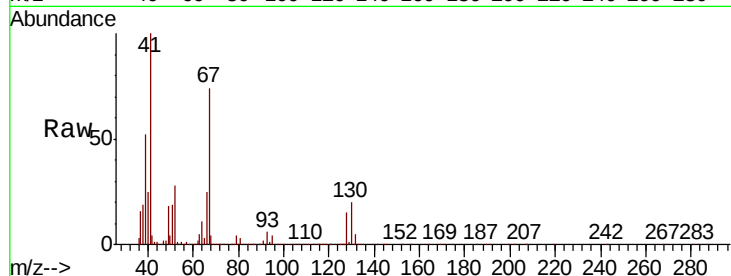
Ion Ratio Lower Upper

41 100

39 53.4 44.0 66.0

67 76.1 61.4 92.0

52 28.9 23.5 35.3

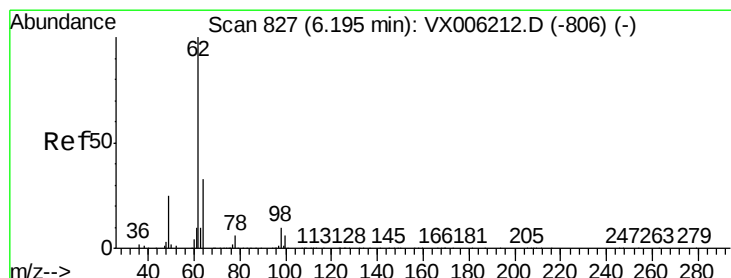
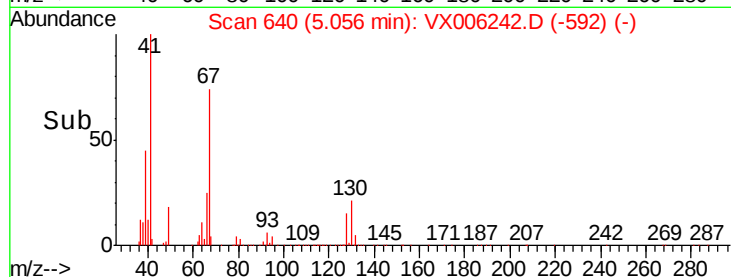
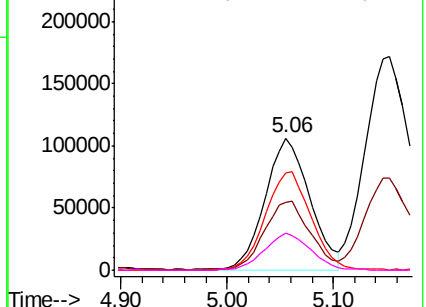


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.181 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006242.D

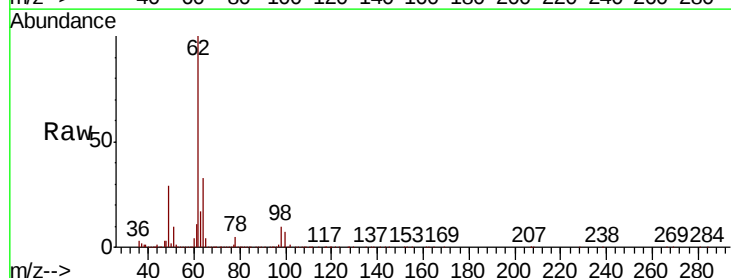
Acq: 03 Dec 2018 10:11

Tgt Ion: 62 Resp: 518089

Ion Ratio Lower Upper

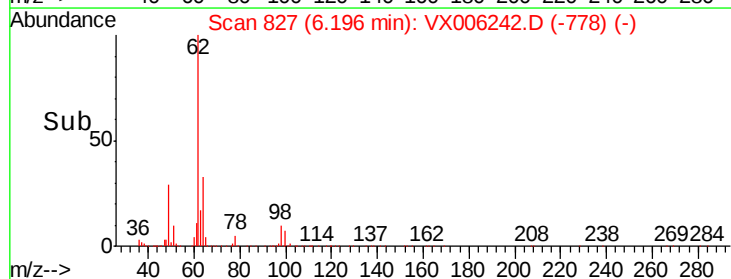
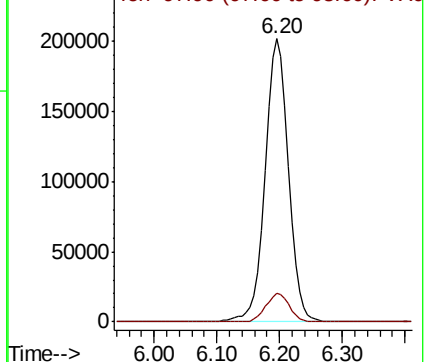
62 100

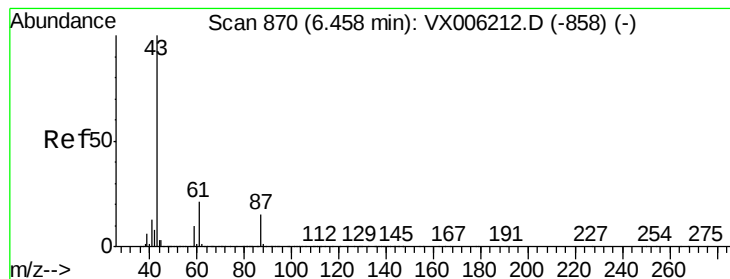
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



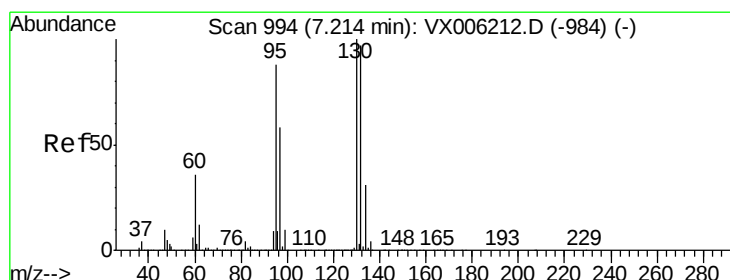
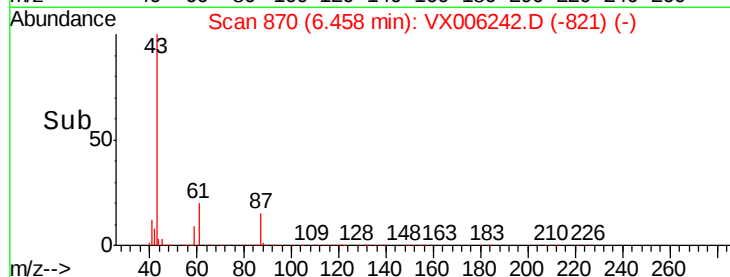
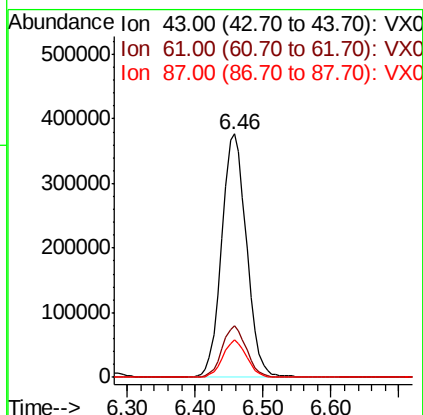
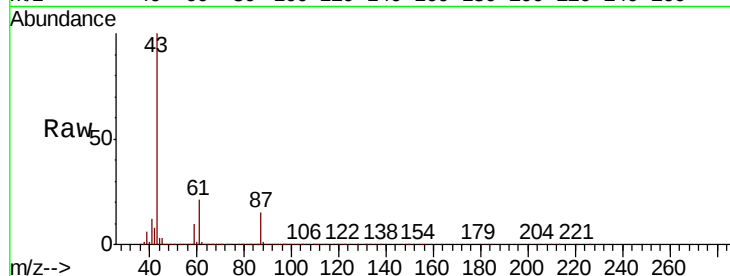


#43

Isopropyl Acetate
 Concen: 47.135 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006242.D
 Acq: 03 Dec 2018 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

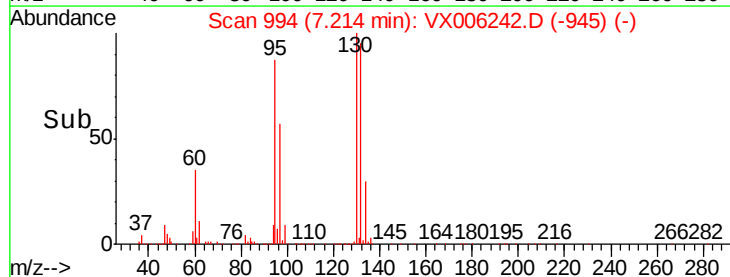
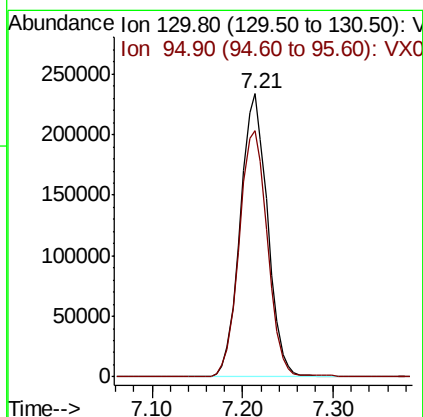
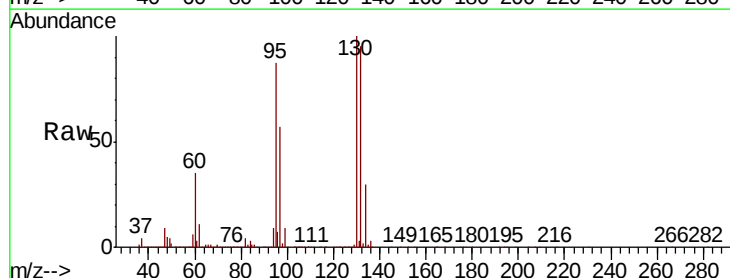
Tot Ion	43	Resp	945793
Ion Ratio	Lower	Upper	
43	100		
61	20.9	16.8	25.2
87	14.9	11.9	17.9



#44

Trichloroethene
 Concen: 50.149 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006242.D
 Acq: 03 Dec 2018 10:11

Tgt Ion	130	Resp	488996
Ion Ratio	Lower	Upper	
130	100		
95	86.7	0.0	175.8

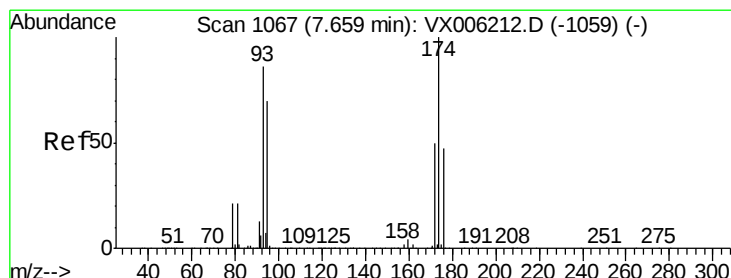
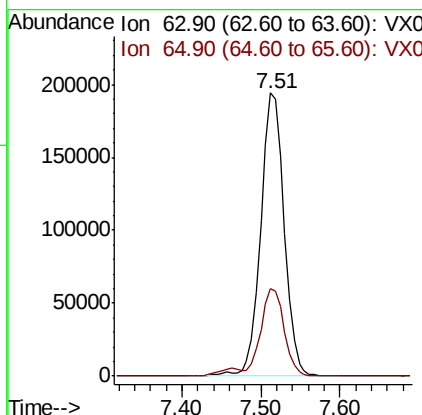
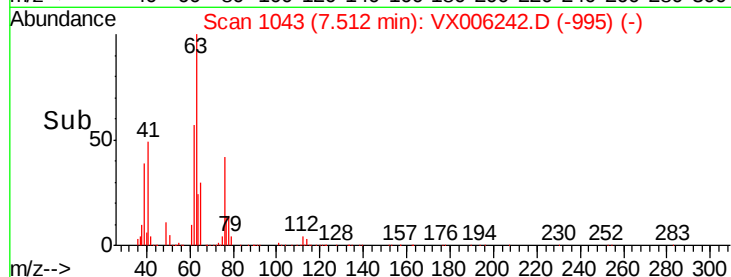
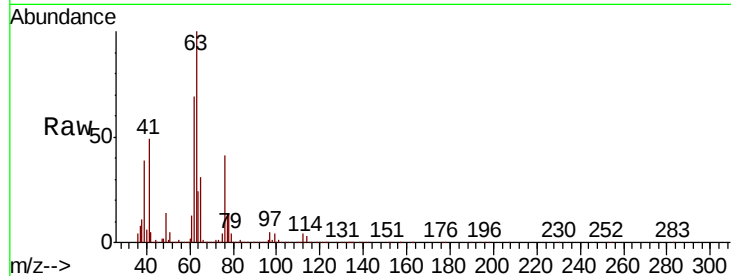




#45
 1,2-Dichloropropane
 Concen: 49.004 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX006242.D
 Acq: 03 Dec 2018 10:11

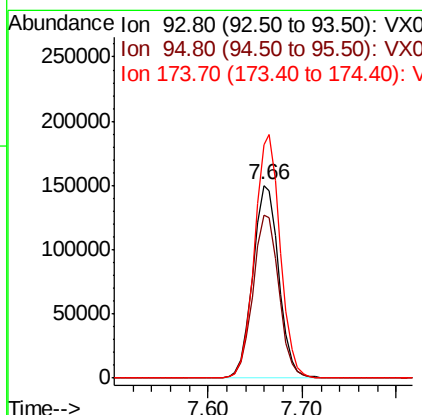
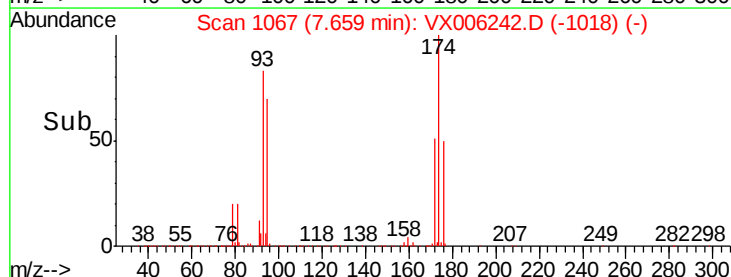
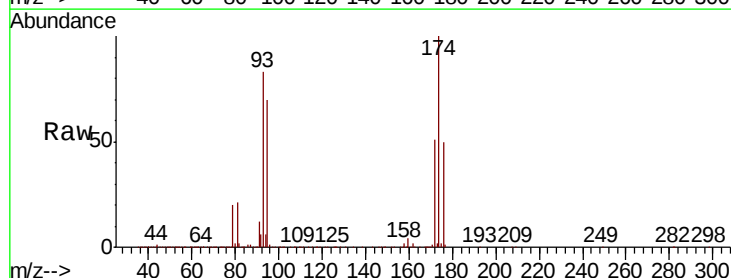
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

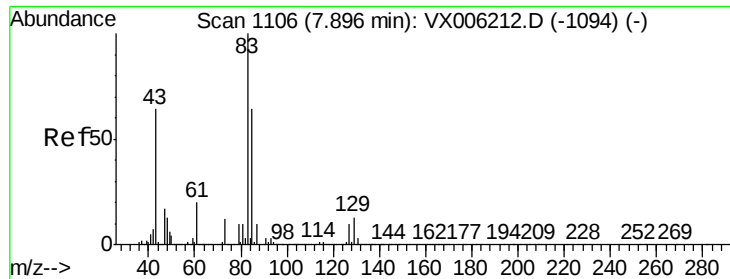
Tot Ion: 63 Resp: 400879
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.3 36.5



#46
 Dibromomethane
 Concen: 48.729 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX006242.D
 Acq: 03 Dec 2018 10:11

Tgt Ion: 93 Resp: 287895
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.2 99.4
 174 124.9 97.2 145.8





#47

Bromodichloromethane

Concen: 49.877 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

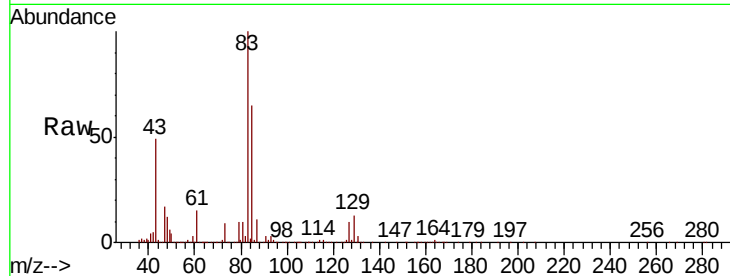
Tot Ion: 83 Resp: 570661

Ion Ratio Lower Upper

83 100

85 64.7 51.4 77.0

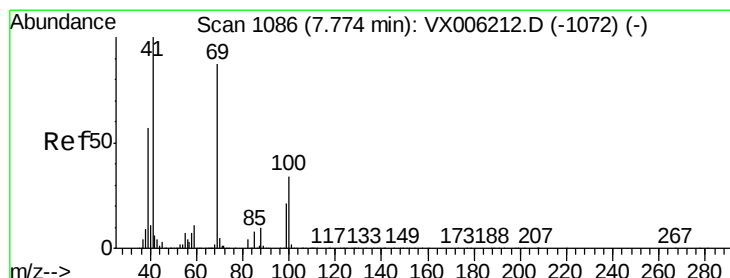
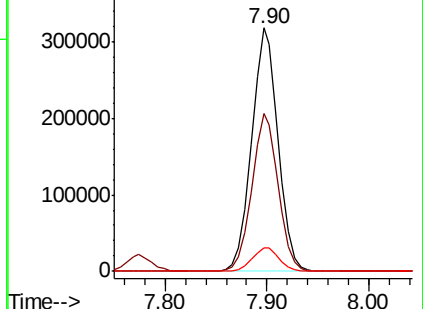
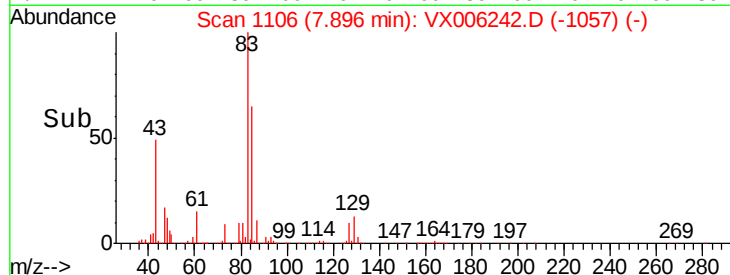
127 9.9 7.9 11.9



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: 47.194 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

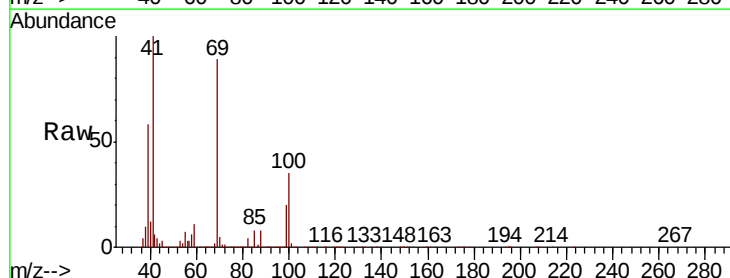
Tgt Ion: 41 Resp: 460693

Ion Ratio Lower Upper

41 100

69 89.4 70.3 105.5

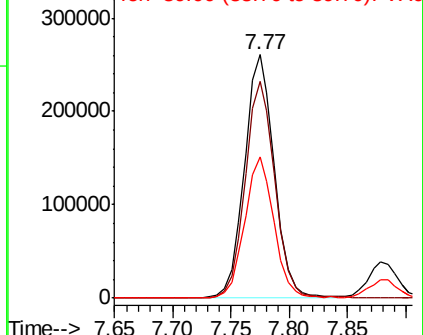
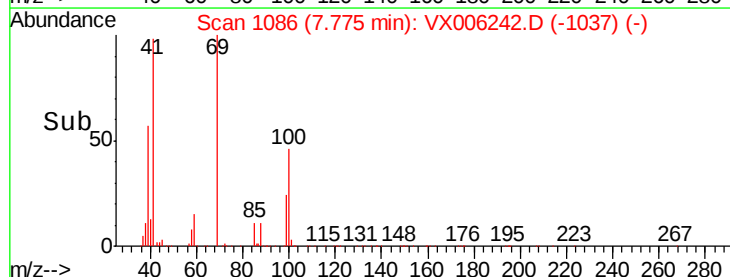
39 56.9 45.3 67.9

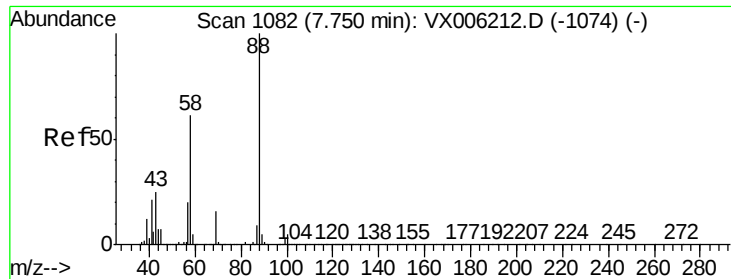


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

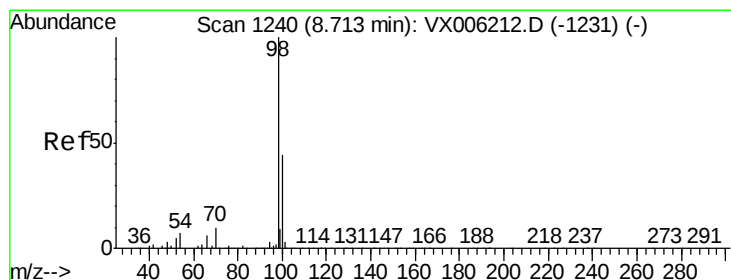
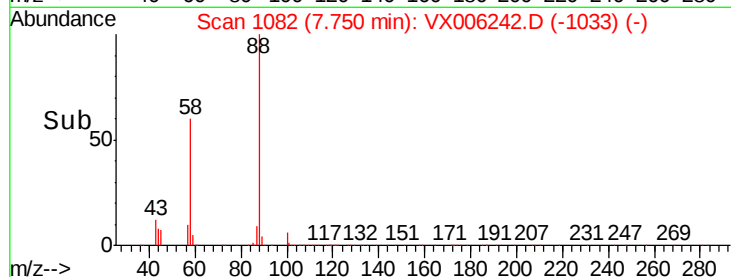
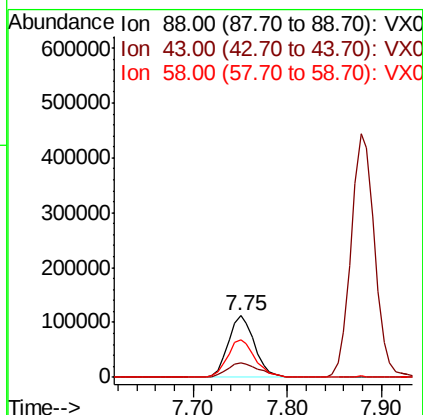
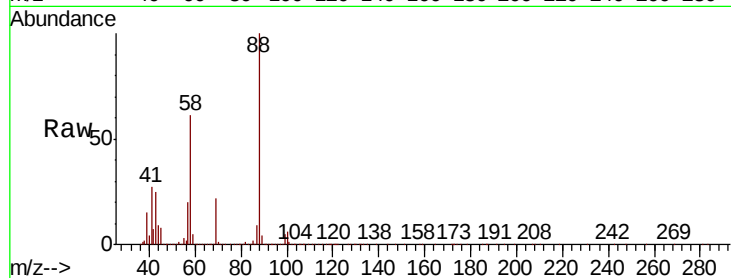




#49
1,4-Dioxane
Concen: 904.980 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

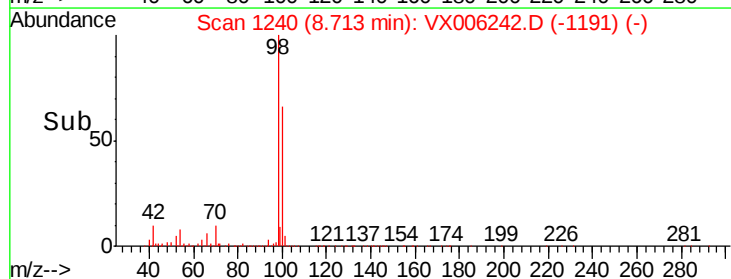
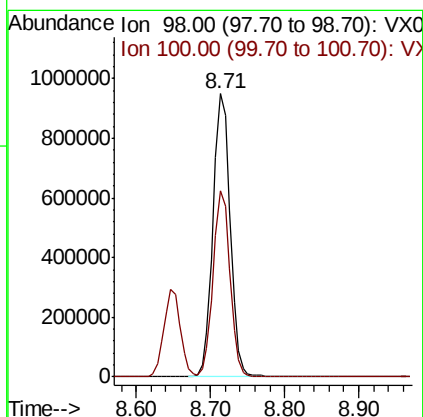
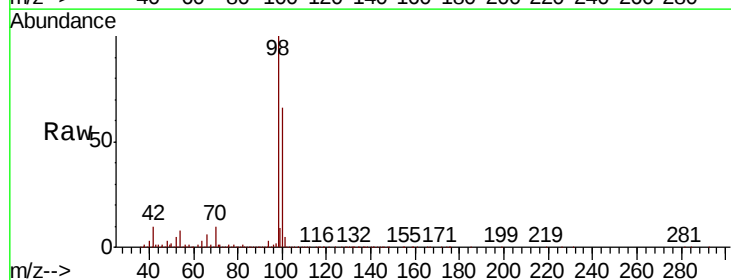
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.8	23.2	34.8
58	64.2	51.4	77.0



#50
Toluene-d8
Concen: 50.025 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 231.132 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

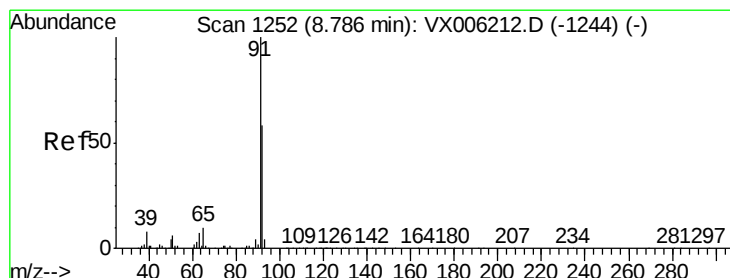
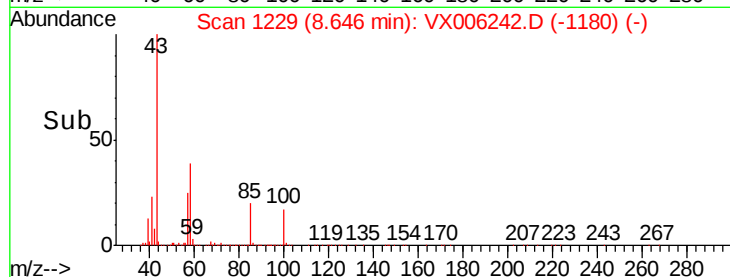
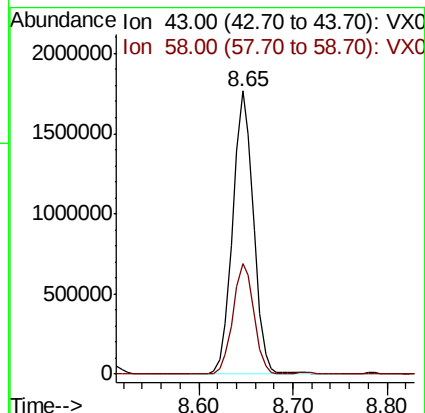
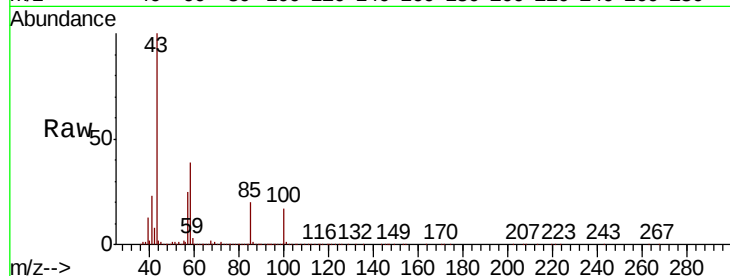
VSTDCCC050

Tot Ion: 43 Resp: 2699877

Ion Ratio Lower Upper

43 100

58 39.3 31.3 46.9



#52

Toluene

Concen: 49.014 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006242.D

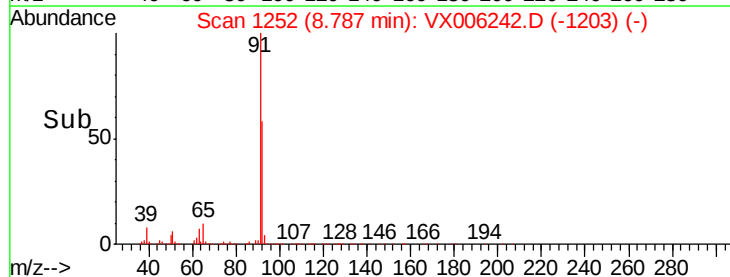
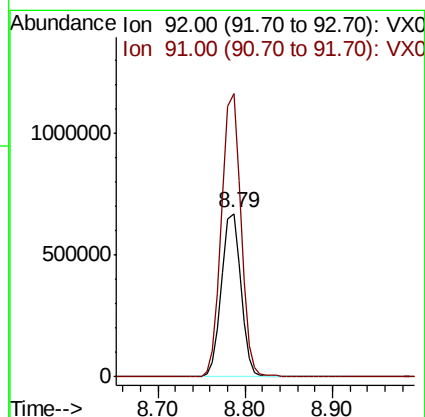
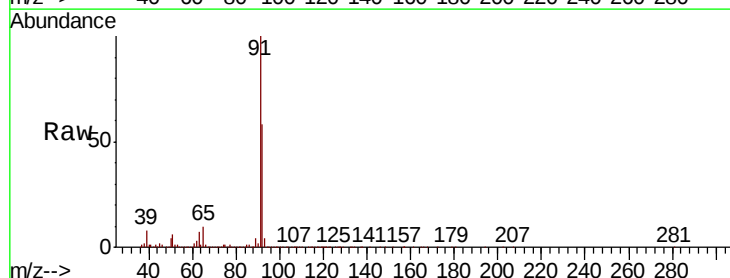
Acq: 03 Dec 2018 10:11

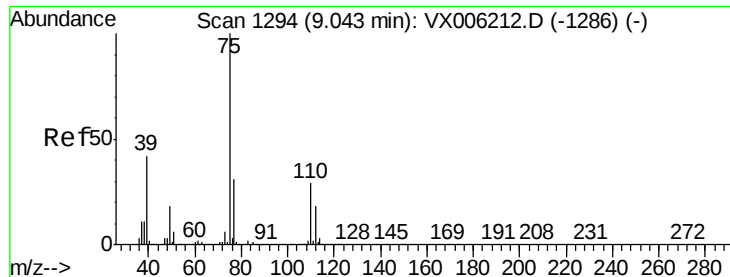
Tgt Ion: 92 Resp: 1037920

Ion Ratio Lower Upper

92 100

91 172.9 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 49.063 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

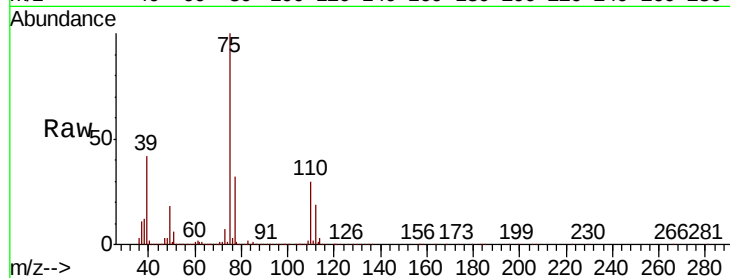
VSTDCCC050

Tot Ion: 75 Resp: 656490

Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

500000

400000

300000

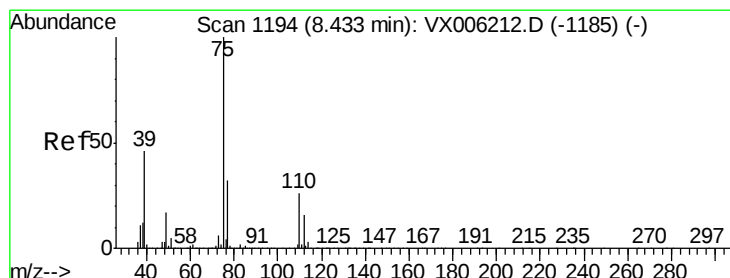
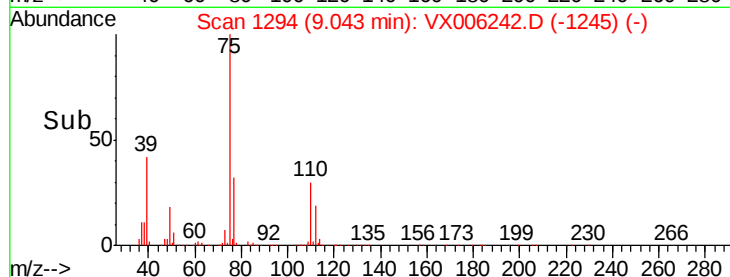
200000

100000

0

Time-->

8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 49.726 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

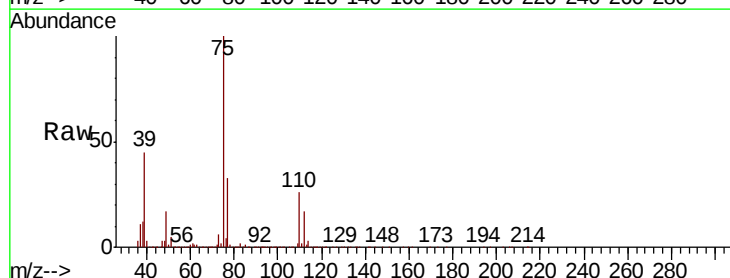
Tgt Ion: 75 Resp: 690897

Ion Ratio Lower Upper

75 100

77 32.6 25.6 38.4

39 45.2 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

600000

500000

400000

300000

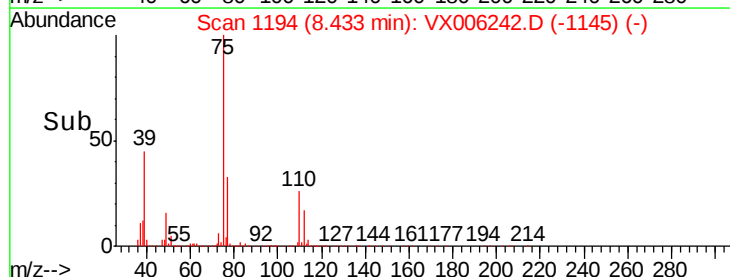
200000

100000

0

Time-->

8.30 8.40 8.50

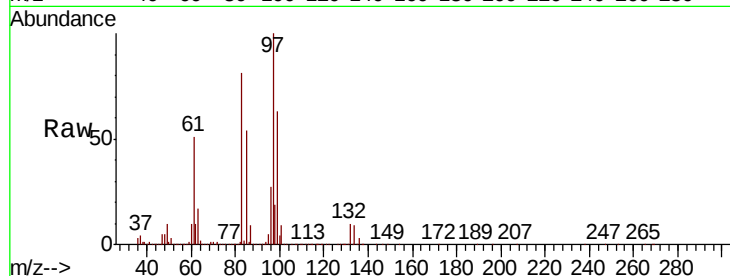




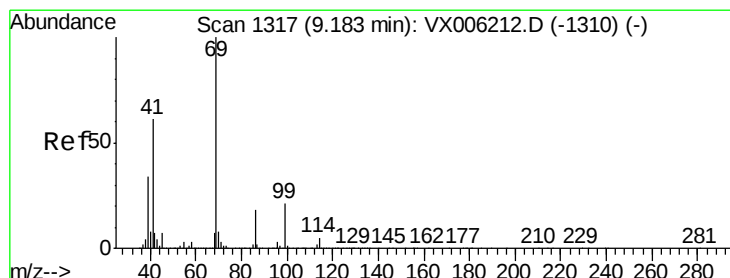
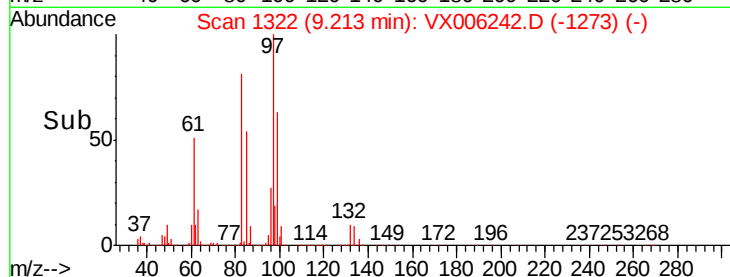
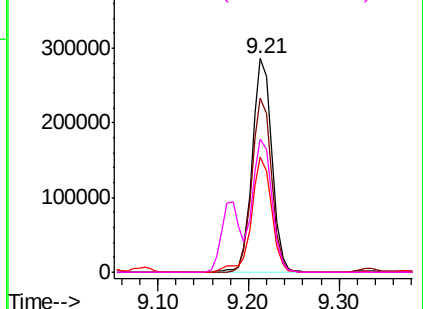
#55
 1,1,2-Trichloroethane
 Concen: 49.795 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006242.D
 Acq: 03 Dec 2018 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	428382
Ion	Ratio	Lower	Upper
97	100		
83	81.3	67.1	100.7
85	54.2	43.2	64.8
99	62.6	49.8	74.6

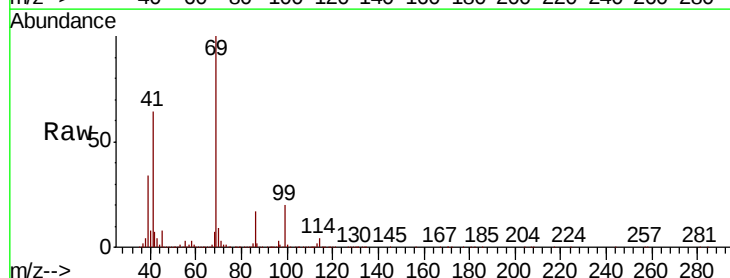


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

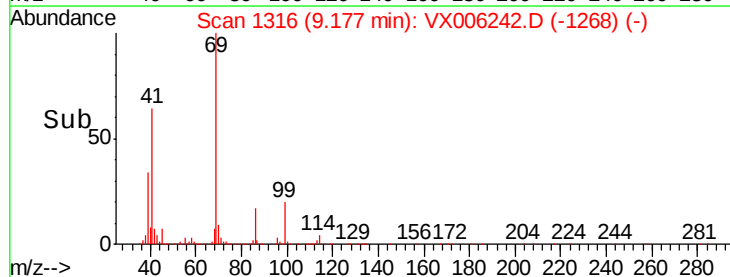
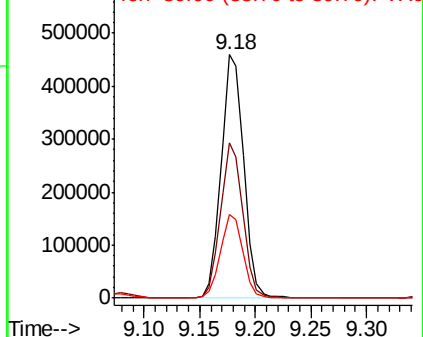


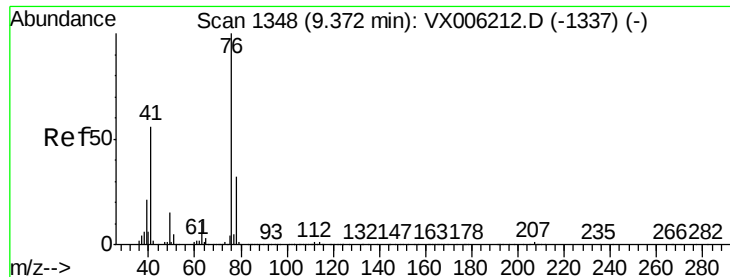
#56
 Ethyl methacrylate
 Concen: 47.933 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006242.D
 Acq: 03 Dec 2018 10:11

Tgt Ion:	69	Resp:	644648
Ion	Ratio	Lower	Upper
69	100		
41	62.8	50.6	76.0
39	34.0	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: 49.072 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

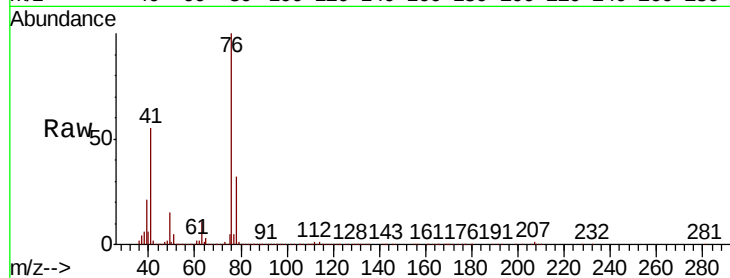
VSTDCCC050

Tot Ion: 76 Resp: 667559

Ion Ratio Lower Upper

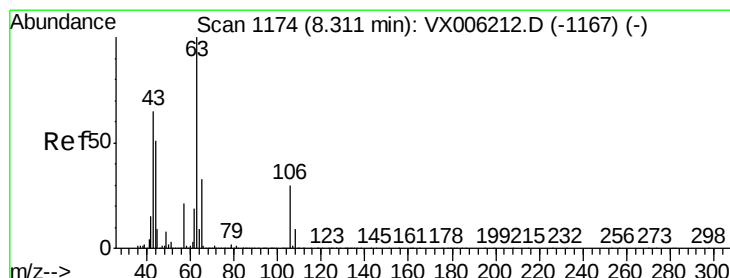
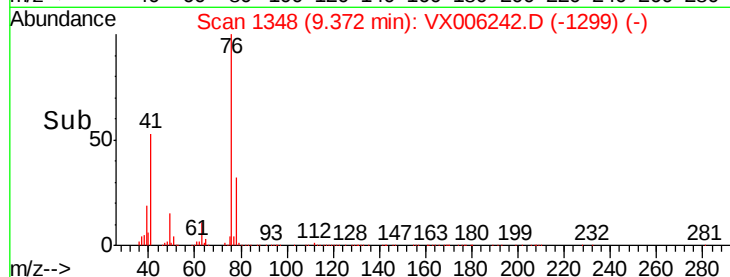
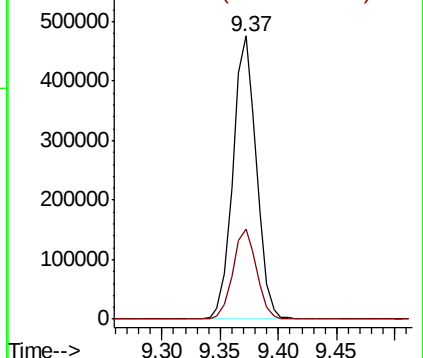
76 100

78 32.1 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 243.699 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006242.D

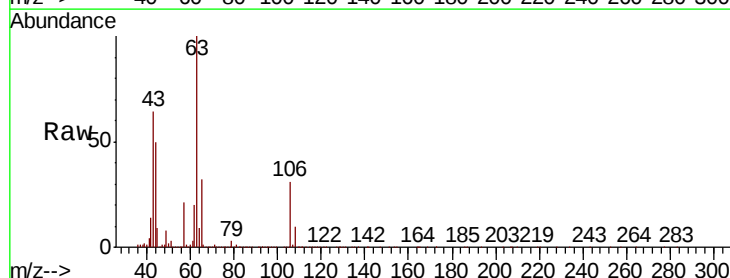
Acq: 03 Dec 2018 10:11

Tgt Ion: 63 Resp: 1663180

Ion Ratio Lower Upper

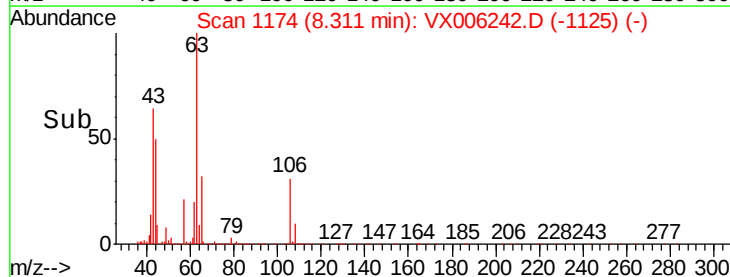
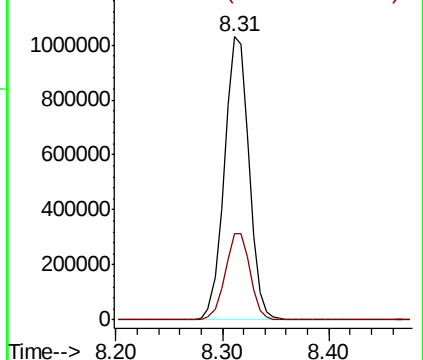
63 100

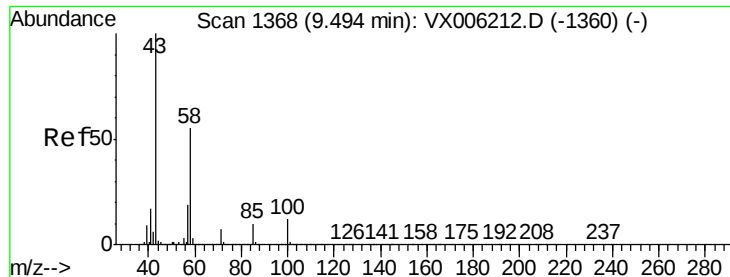
106 30.8 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

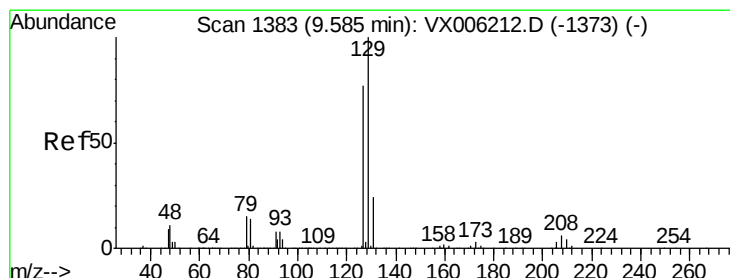
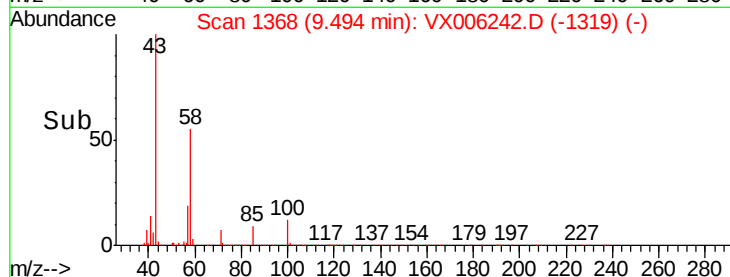
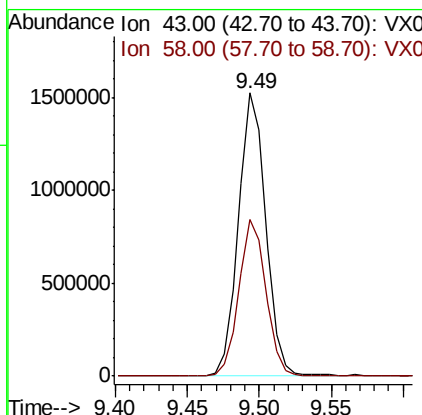
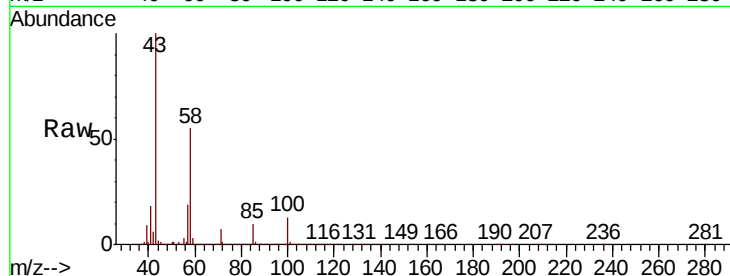




#59
2-Hexanone
Concen: 225.655 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

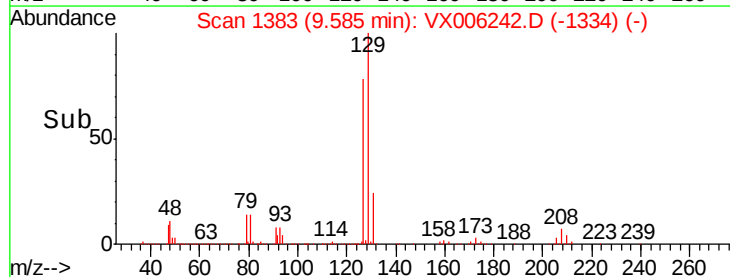
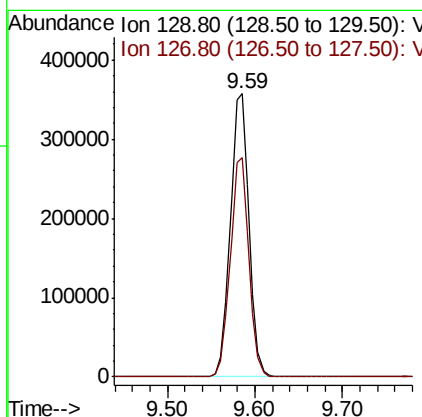
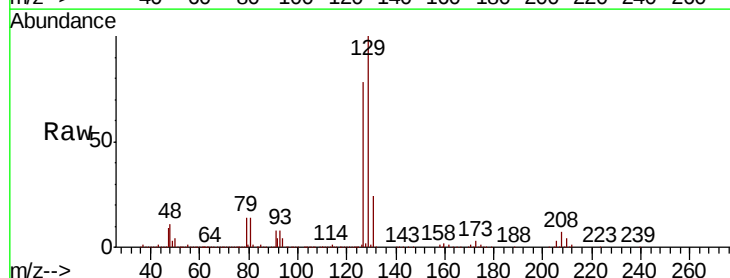
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

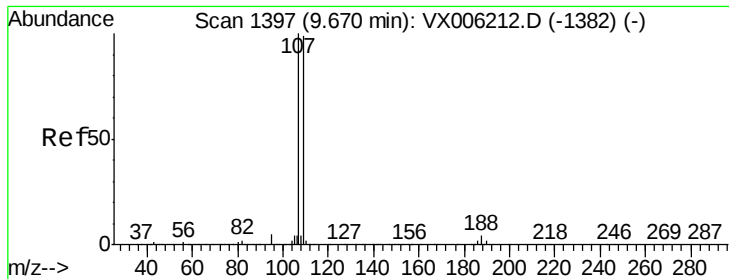
Tot Ion: 43 Resp: 2013840
Ion Ratio Lower Upper
43 100
58 55.0 27.7 83.1



#60
Dibromochloromethane
Concen: 50.111 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

Tgt Ion: 129 Resp: 531590
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 48.062 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

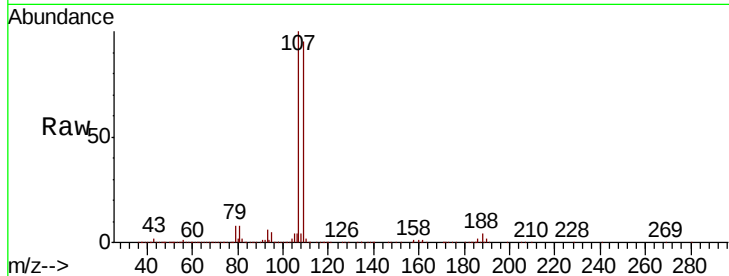
VSTDCCC050

Tot Ion:107 Resp: 462324

Ion Ratio Lower Upper

107 100

109 94.9 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

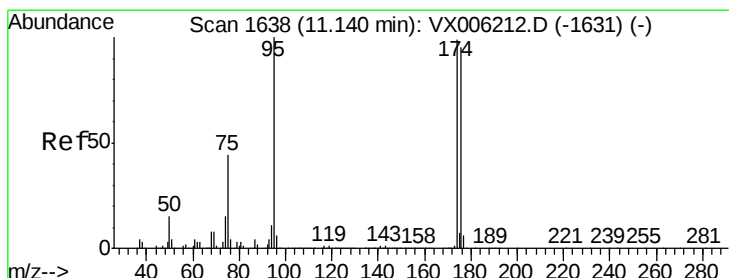
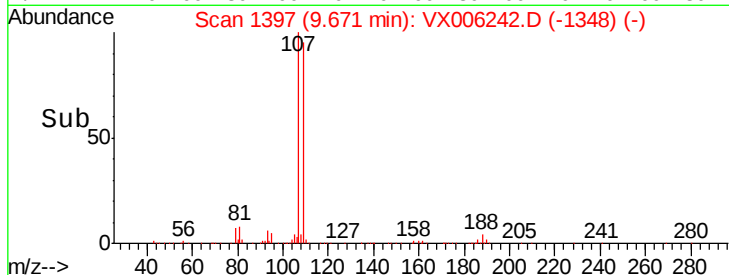
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.211 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

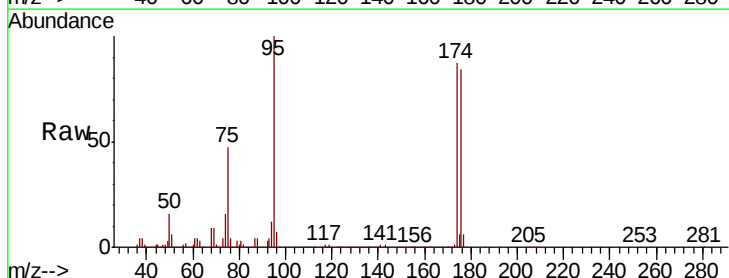
Tgt Ion: 95 Resp: 557341

Ion Ratio Lower Upper

95 100

174 94.5 0.0 187.0

176 92.6 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

600000

500000

400000

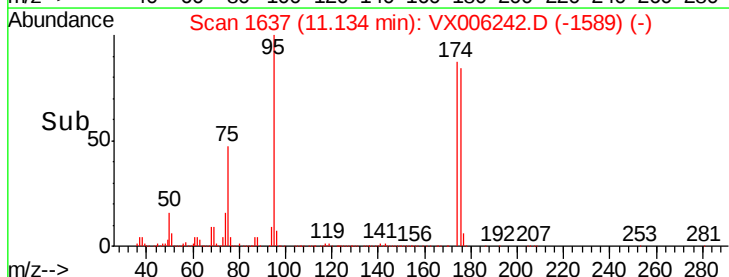
300000

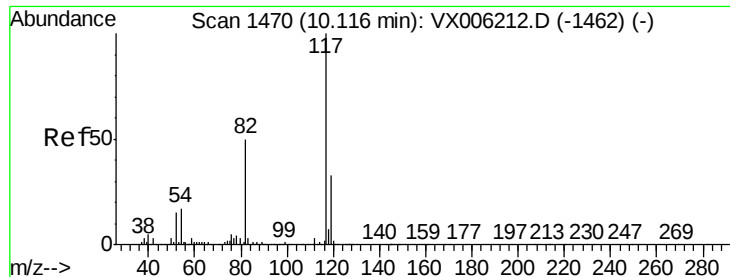
200000

100000

0

Time-->

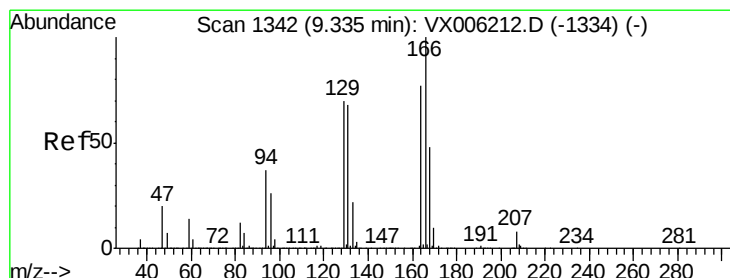
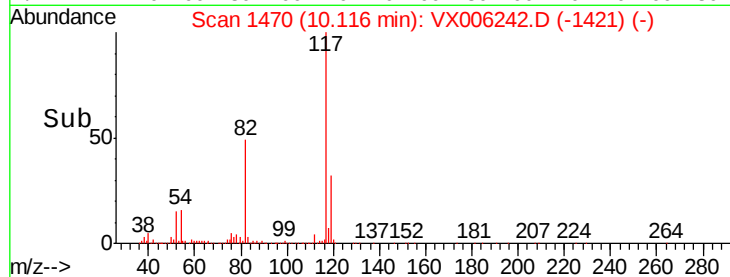
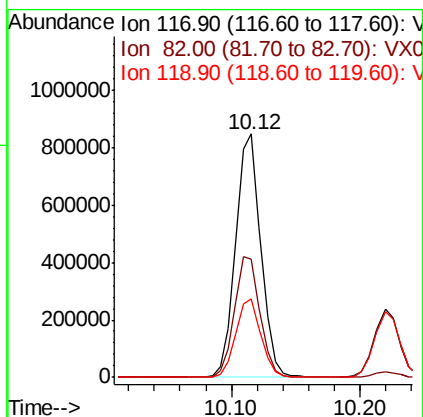
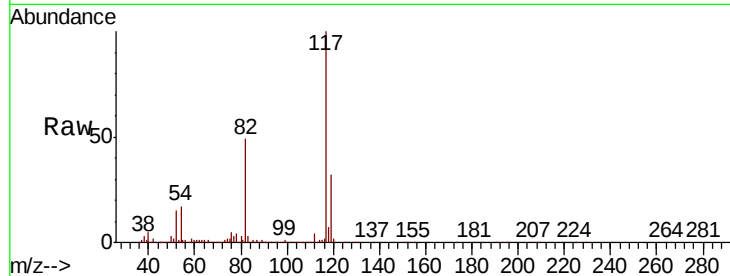




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

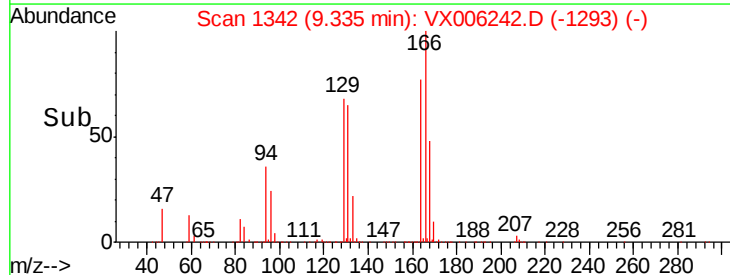
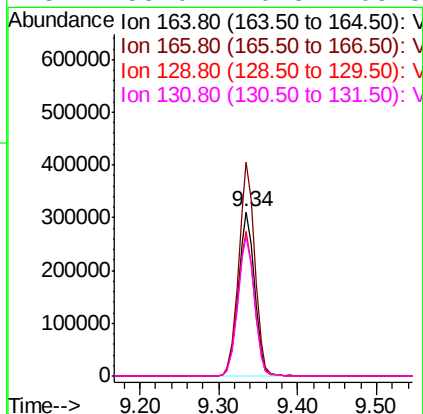
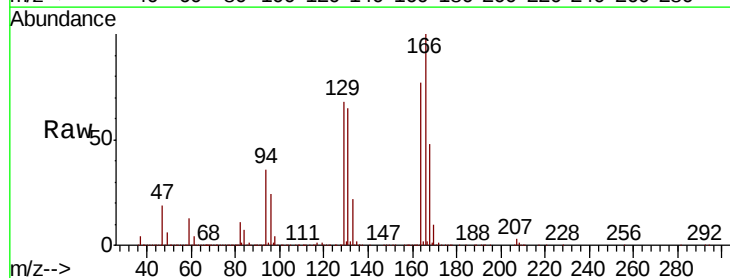
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 1155647
Ion Ratio Lower Upper
117 100
82 48.6 39.6 59.4
119 32.2 26.3 39.5



#64
Tetrachloroethene
Concen: 51.331 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

Tgt Ion:164 Resp: 446740
Ion Ratio Lower Upper
164 100
166 130.2 104.2 156.2
129 88.5 72.6 108.8
131 85.0 70.3 105.5

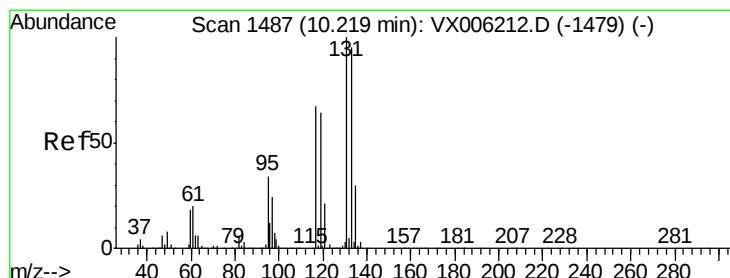
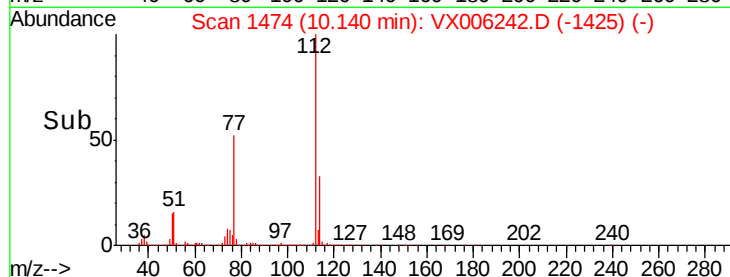
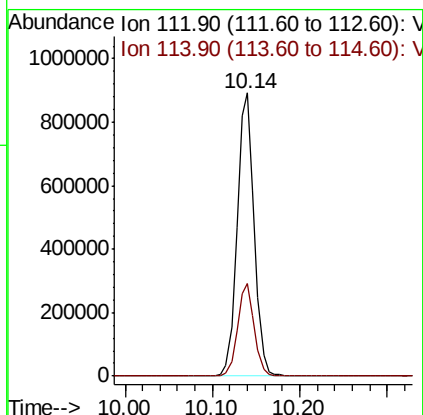
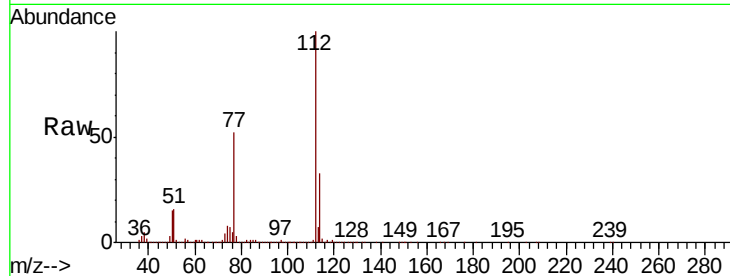




#65
Chlorobenzene
Concen: 49.397 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

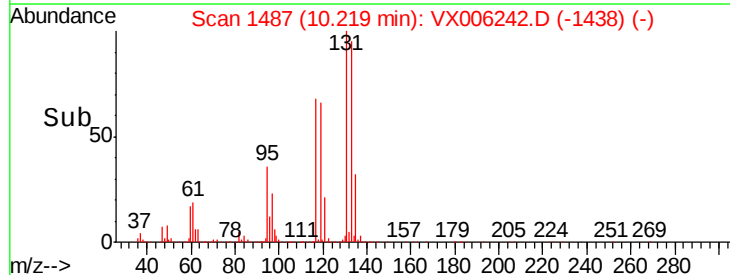
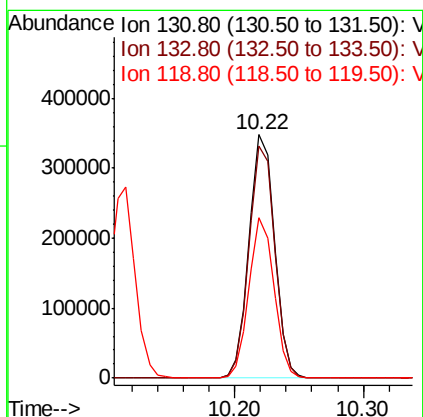
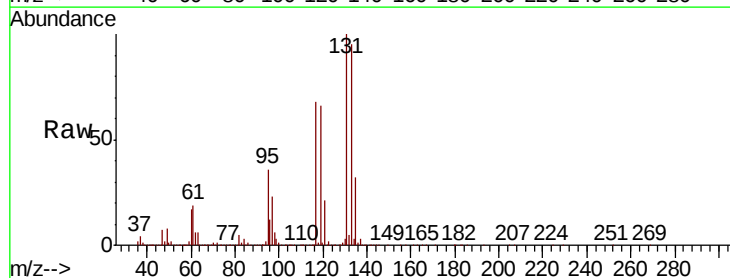
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1211804
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.734 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

Tgt Ion:131 Resp: 474040
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.4
119 64.7 32.1 96.3





#67

Ethyl Benzene

Concen: 49.096 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

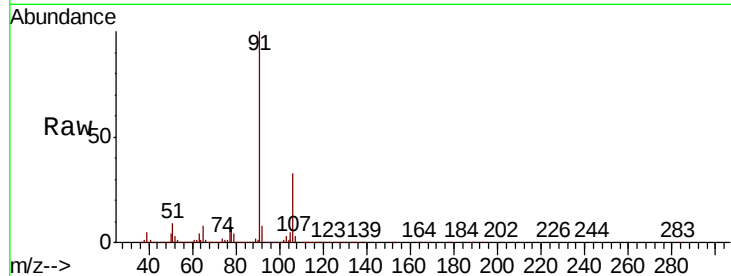
VSTDCCC050

Tot Ion: 91 Resp: 2003184

Ion Ratio Lower Upper

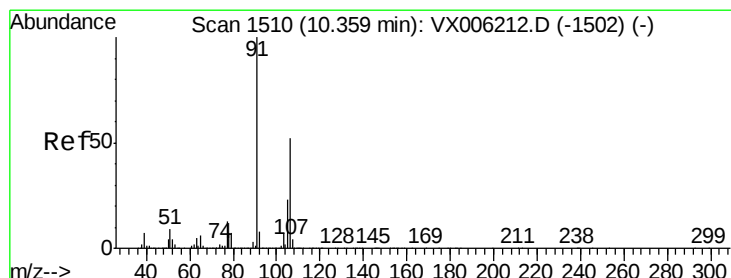
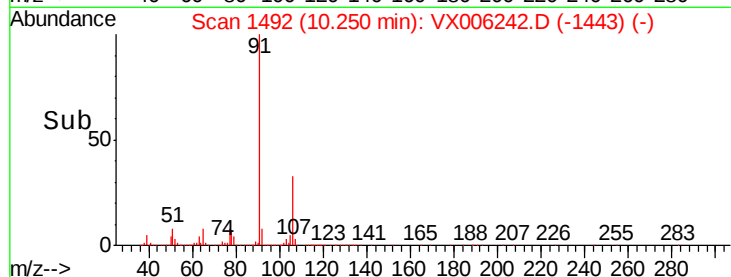
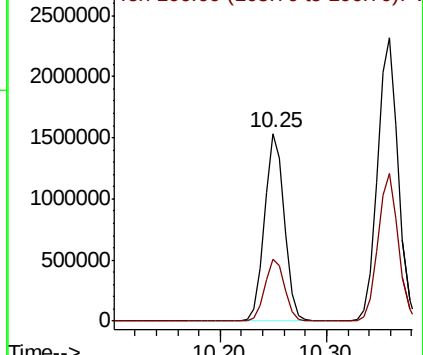
91 100

106 33.0 26.5 39.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 97.996 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006242.D

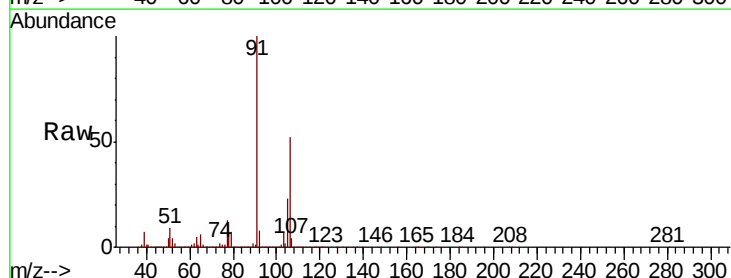
Acq: 03 Dec 2018 10:11

Tgt Ion: 106 Resp: 1601628

Ion Ratio Lower Upper

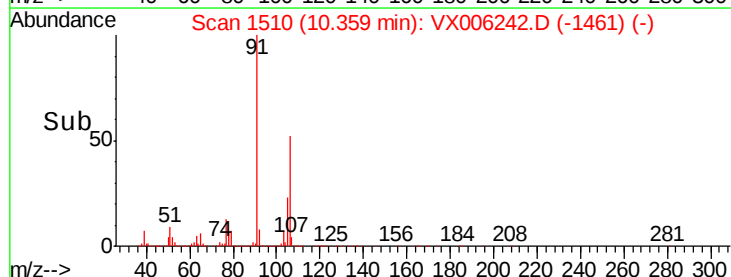
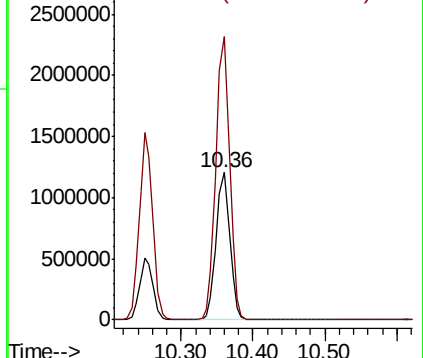
106 100

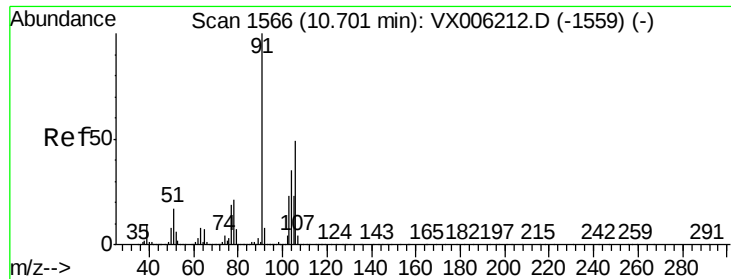
91 193.3 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

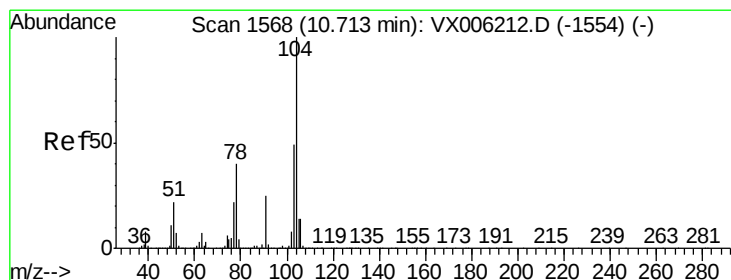
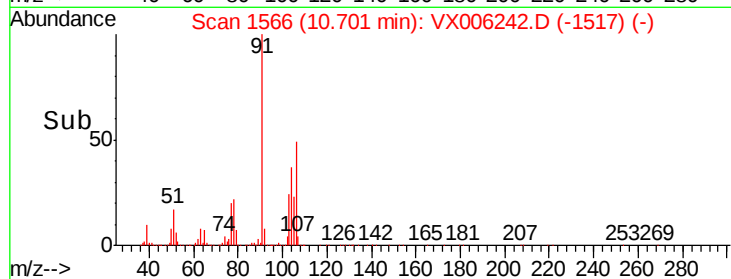
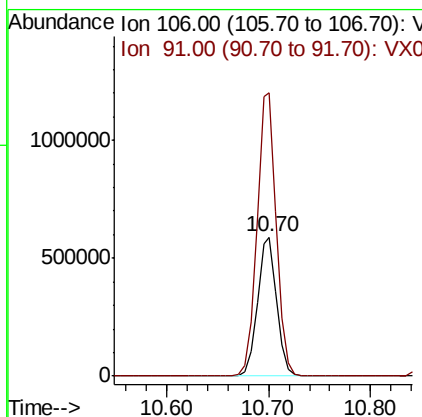
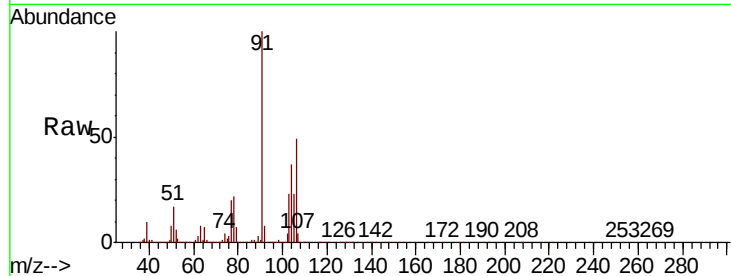




#69
o-Xylene
Concen: 48.304 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

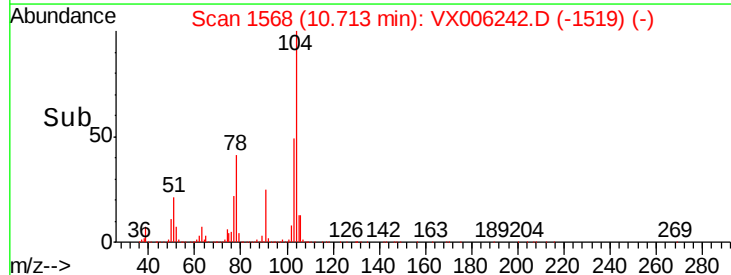
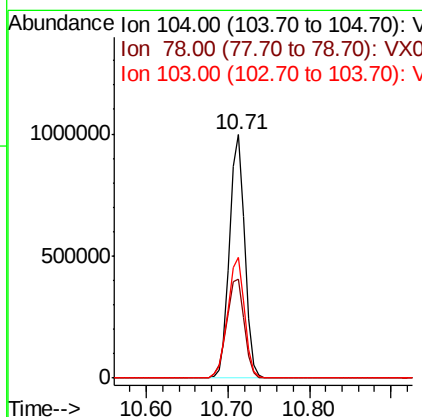
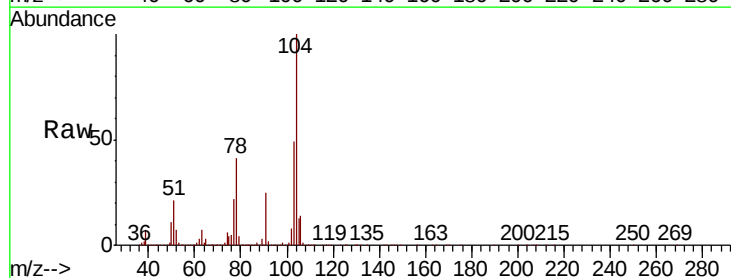
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

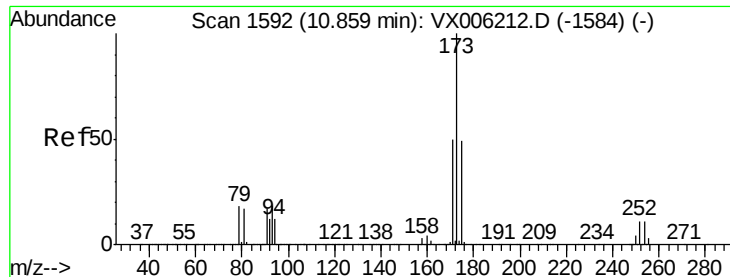
Tot Ion:106 Resp: 779816
Ion Ratio Lower Upper
106 100
91 204.5 101.8 305.6



#70
Styrene
Concen: 48.678 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

Tgt Ion:104 Resp: 1271012
Ion Ratio Lower Upper
104 100
78 47.2 37.2 55.8
103 54.7 43.5 65.3





#71

Bromoform

Concen: 49.928 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

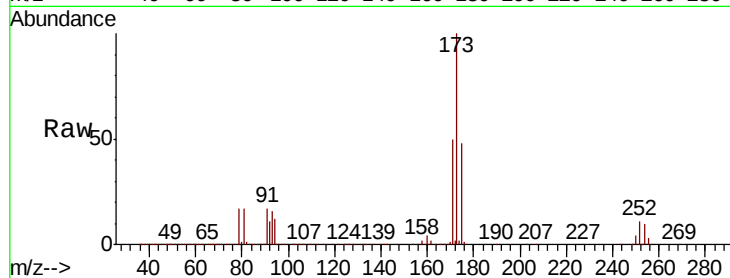
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 449227

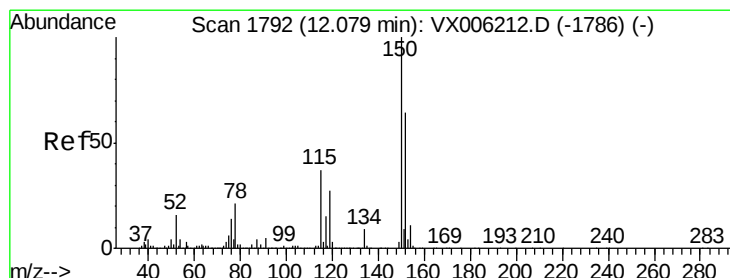
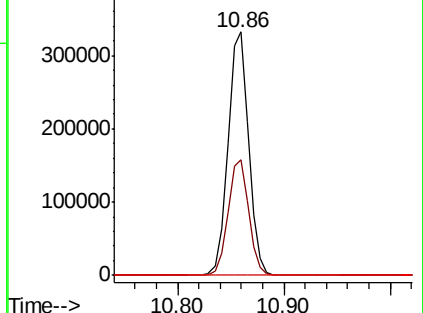
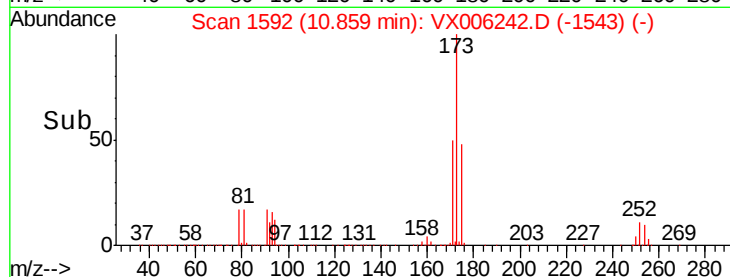
Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.6	73.8
254	0.2	0.2	0.2



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

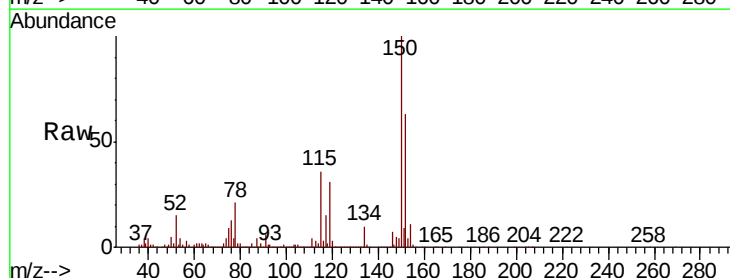
Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Tgt Ion:152 Resp: 597187

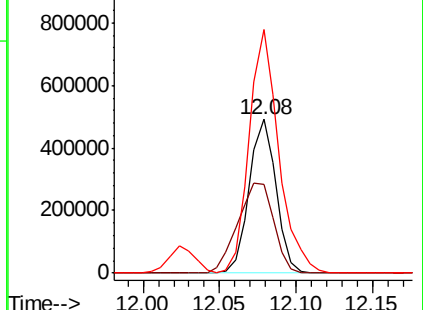
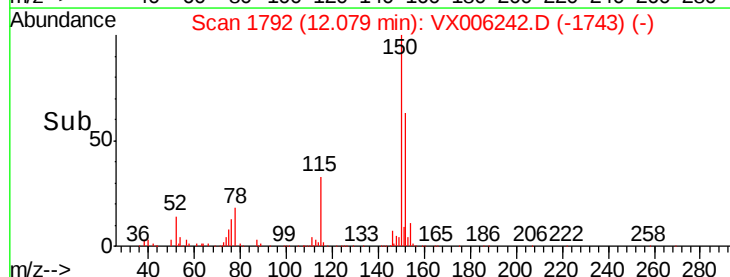
Ion	Ratio	Lower	Upper
152	100		
115	78.4	39.0	116.9
150	174.8	0.0	345.8

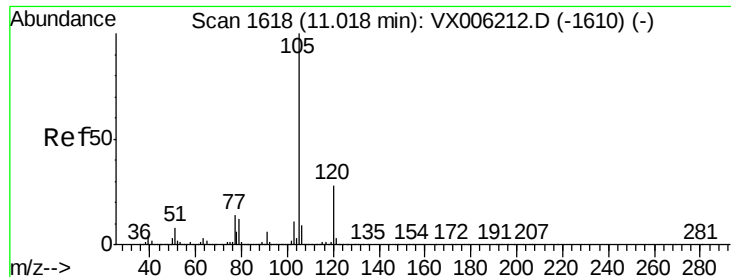


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.039 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

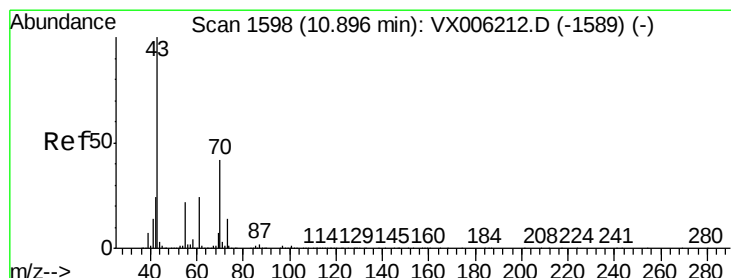
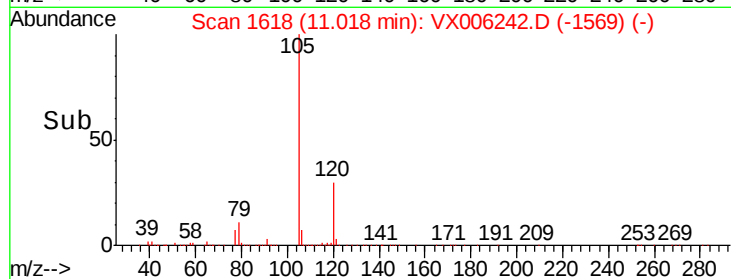
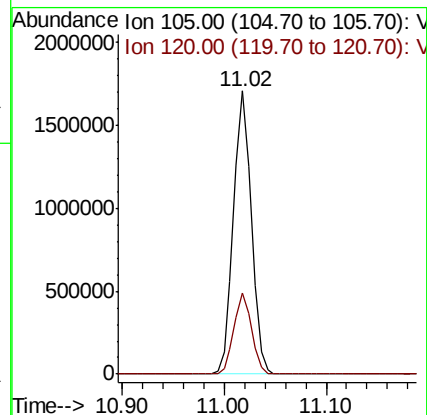
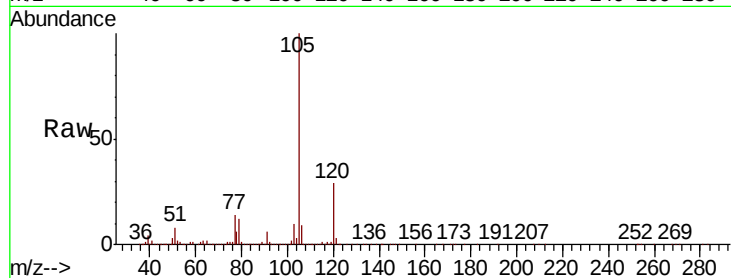
VSTDCCC050

Tot Ion:105 Resp: 2063681

Ion Ratio Lower Upper

105 100

120 28.2 14.1 42.3



#74

N-ethyl acetate

Concen: 46.454 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Tgt Ion: 43 Resp: 824995

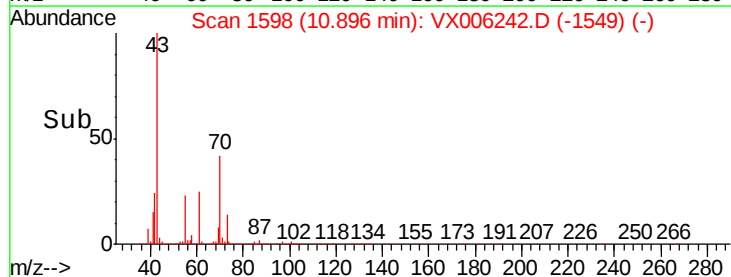
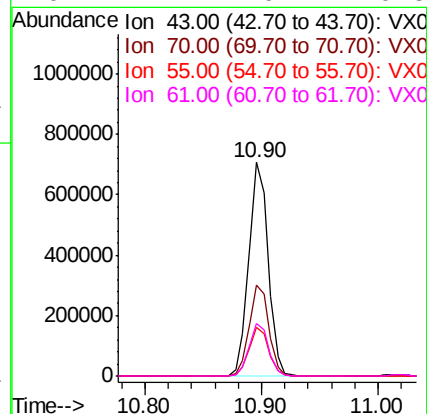
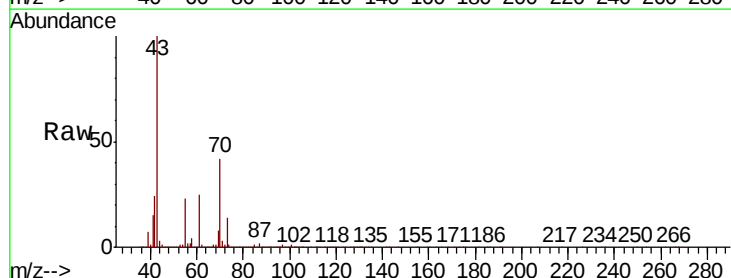
Ion Ratio Lower Upper

43 100

70 42.9 34.1 51.1

55 22.9 17.8 26.8

61 24.7 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 46.529 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

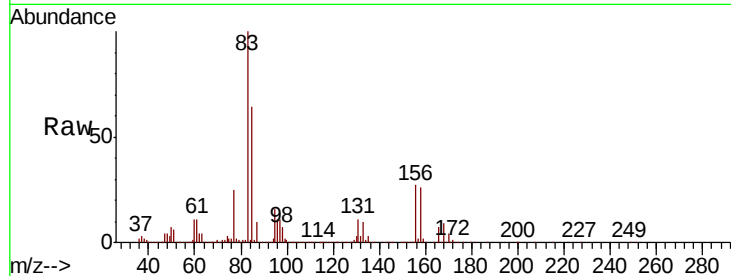
Tot Ion: 83 Resp: 613894

Ion Ratio Lower Upper

83 100

131 11.6 5.7 17.1

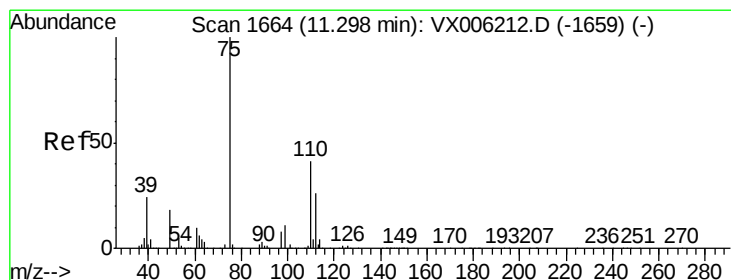
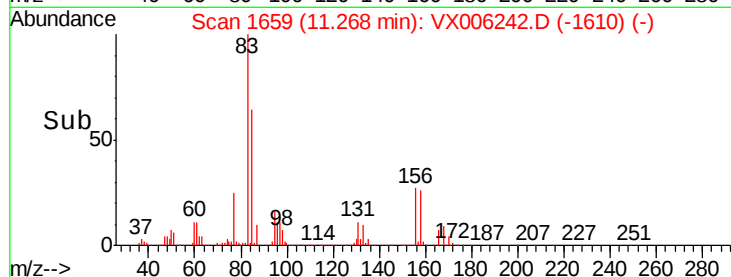
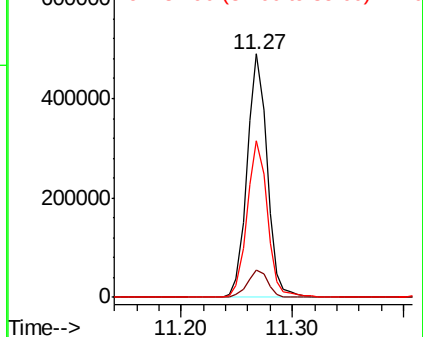
85 64.6 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.746 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006242.D

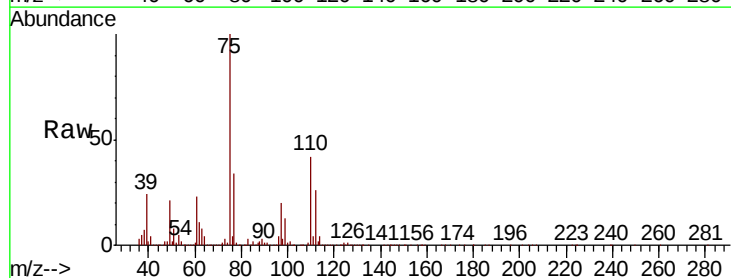
Acq: 03 Dec 2018 10:11

Tgt Ion: 75 Resp: 757830

Ion Ratio Lower Upper

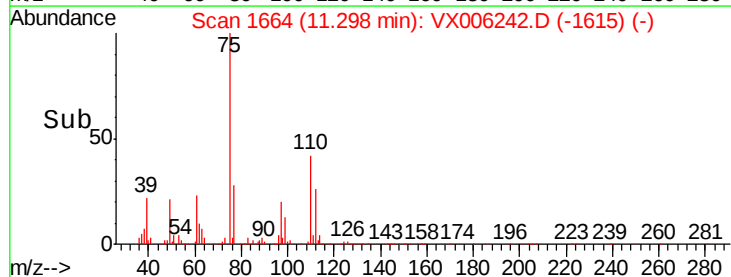
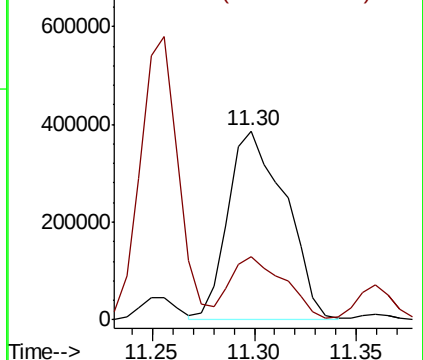
75 100

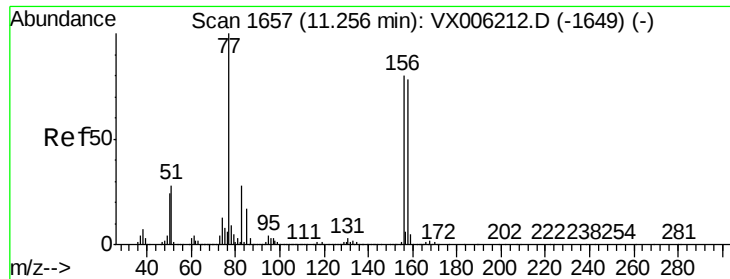
77 31.4 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.027 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

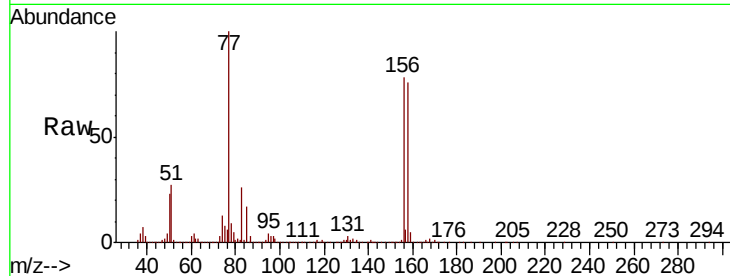
Tot Ion:156 Resp: 561116

Ion Ratio Lower Upper

156 100

77 132.9 66.2 198.6

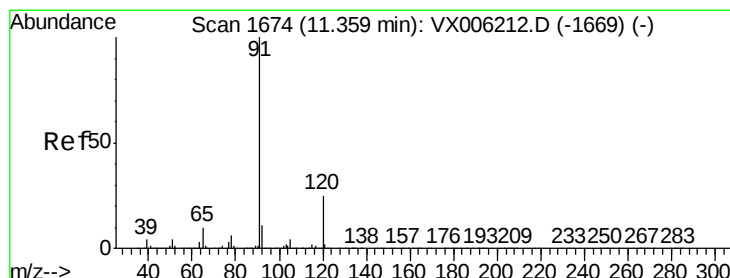
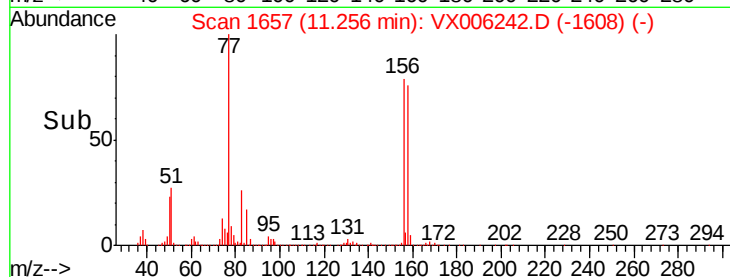
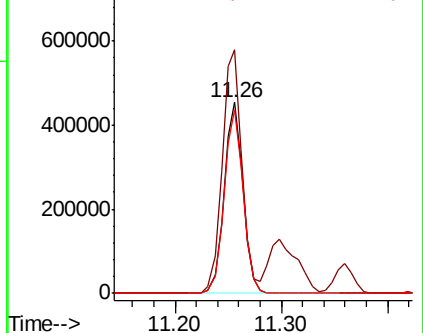
158 97.1 48.8 146.4



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: 50.806 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006242.D

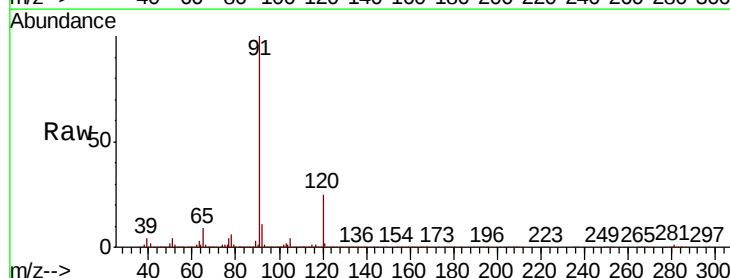
Acq: 03 Dec 2018 10:11

Tgt Ion: 91 Resp: 2329098

Ion Ratio Lower Upper

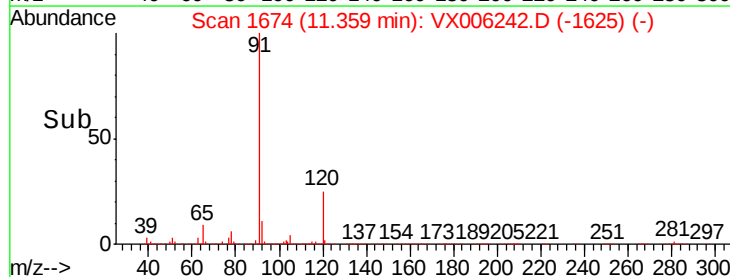
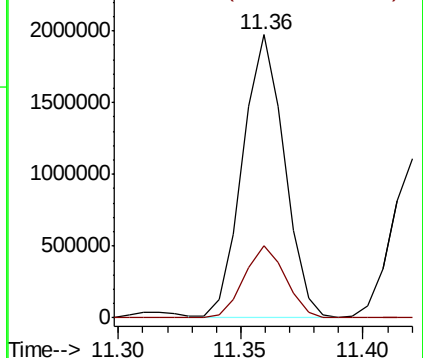
91 100

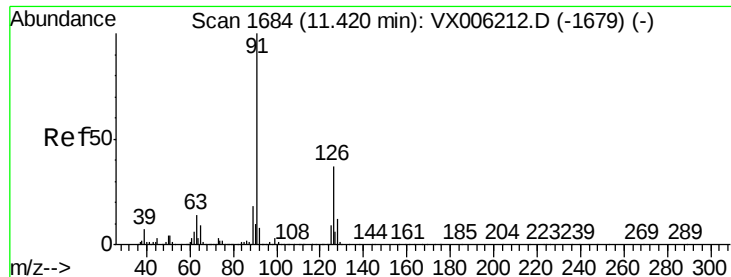
120 25.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

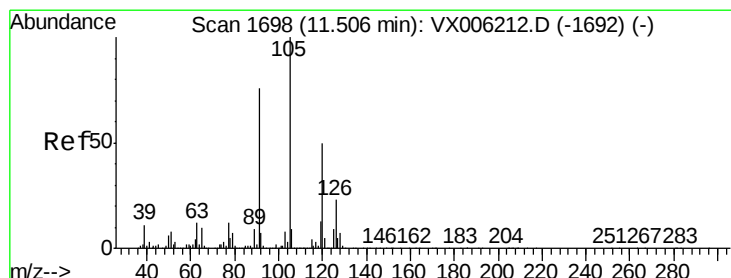
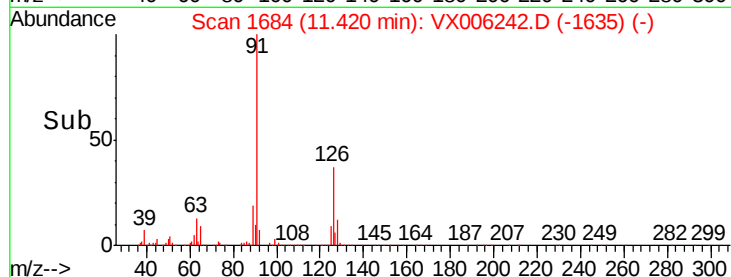
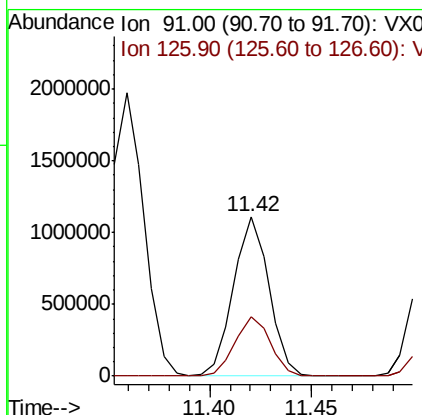
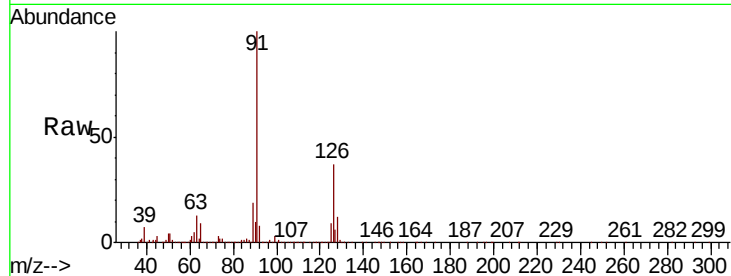




#79
 2-Chlorotoluene
 Concen: 49.051 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX006242.D
 Acq: 03 Dec 2018 10:11

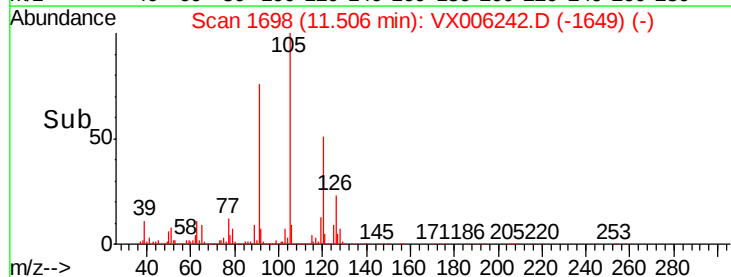
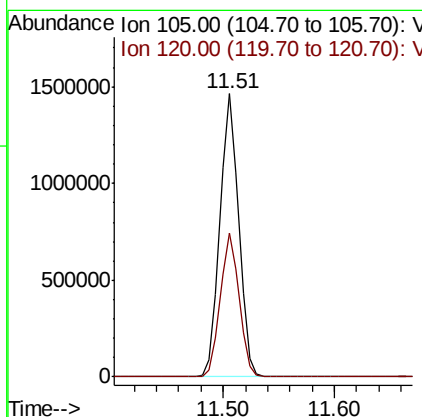
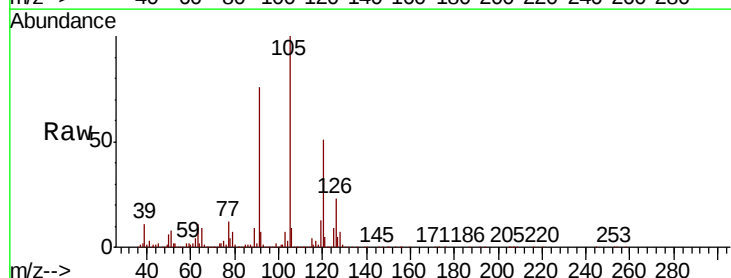
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

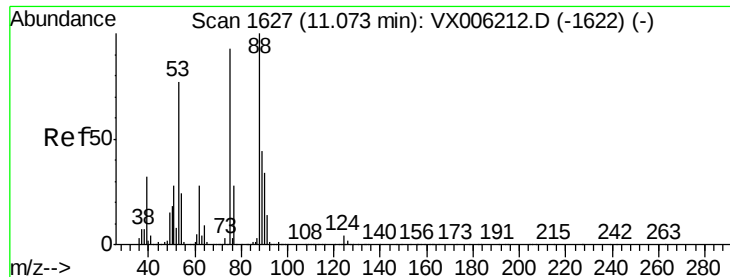
Tot Ion: 91 Resp: 1336511
 Ion Ratio Lower Upper
 91 100
 126 37.6 18.6 56.0



#80
 1,3,5-Trimethylbenzene
 Concen: 49.839 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006242.D
 Acq: 03 Dec 2018 10:11

Tgt Ion: 105 Resp: 1710159
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 47.933 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

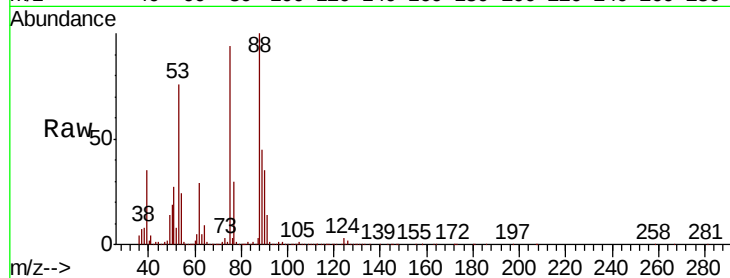
Tot Ion: 75 Resp: 235439

Ion Ratio Lower Upper

75 100

53 81.1 64.4 96.6

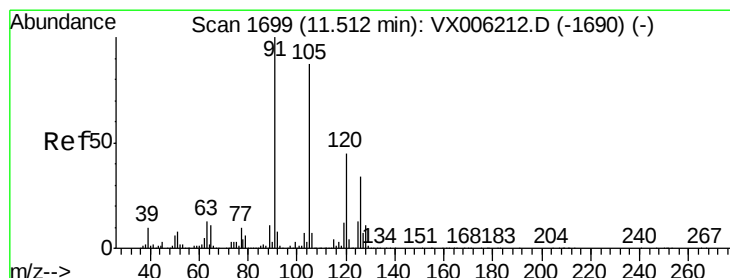
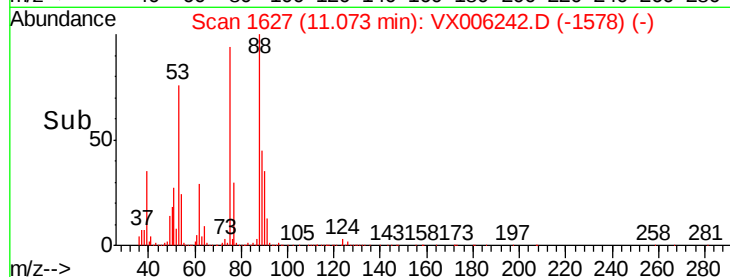
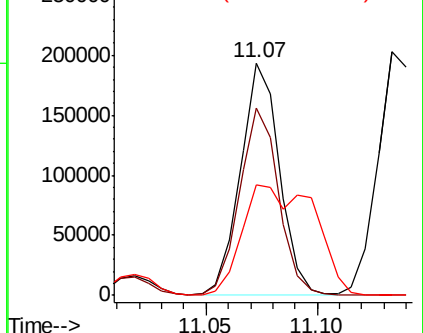
89 88.4 44.2 66.4#



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: 49.552 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006242.D

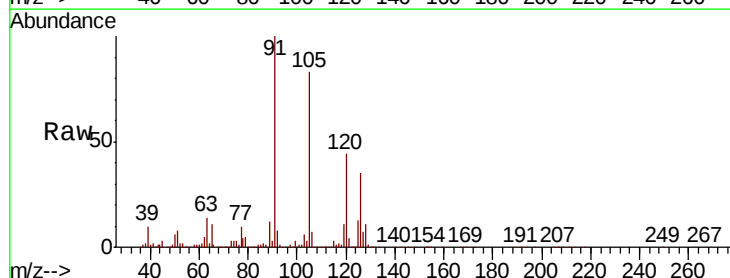
Acq: 03 Dec 2018 10:11

Tgt Ion: 91 Resp: 1569780

Ion Ratio Lower Upper

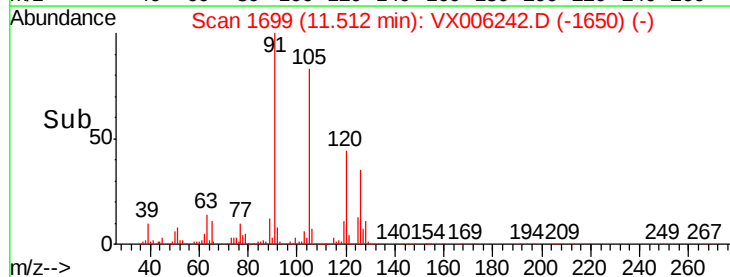
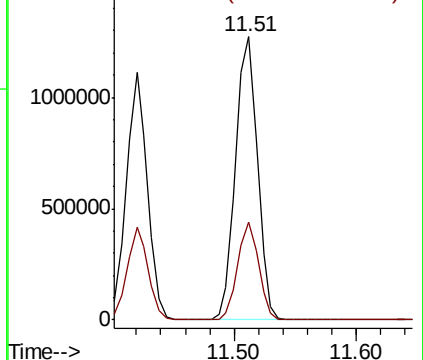
91 100

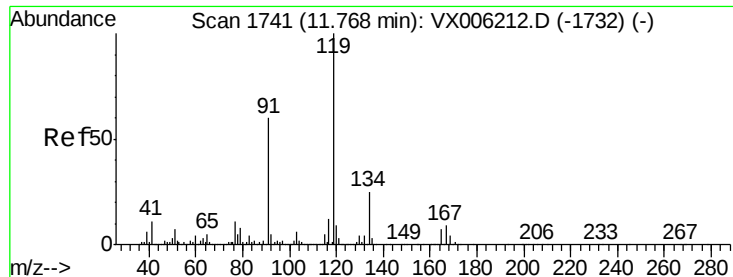
126 33.1 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

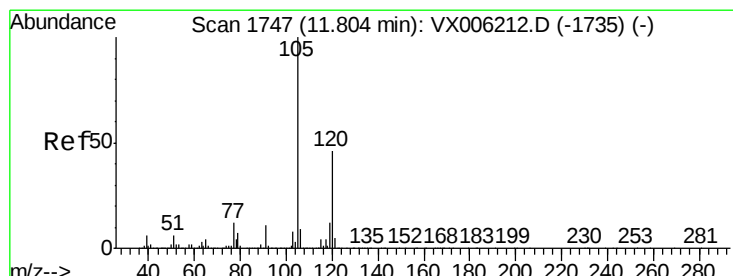
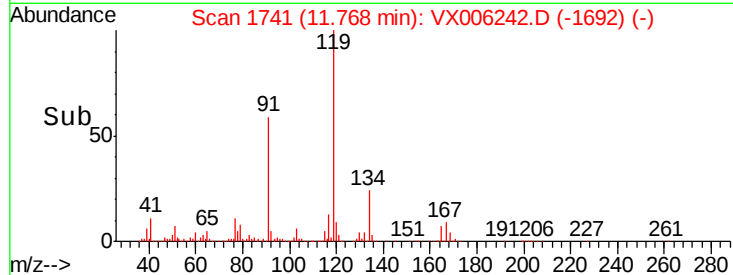
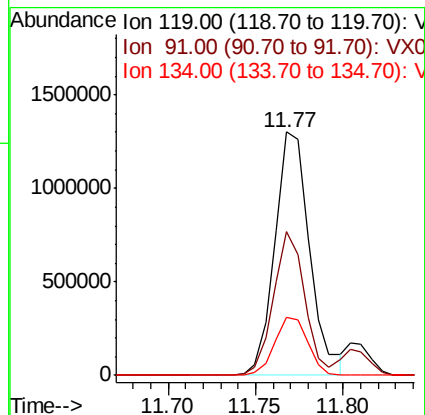
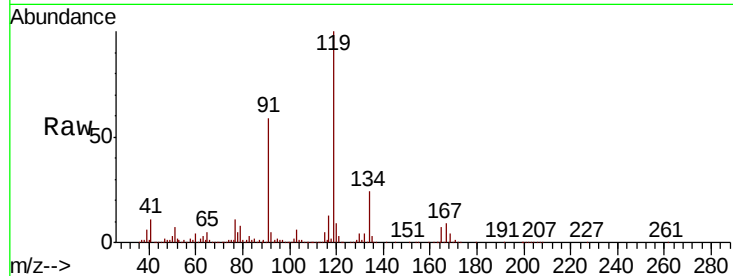




#83
 tert-Butylbenzene
 Concen: 49.405 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006242.D
 Acq: 03 Dec 2018 10:11

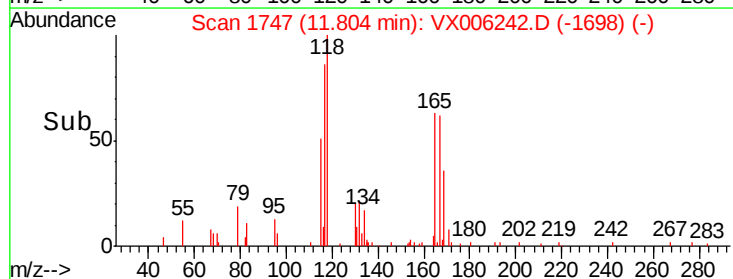
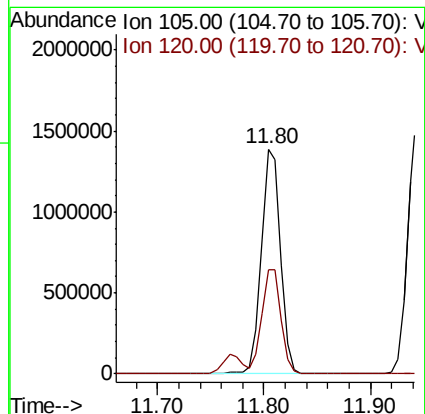
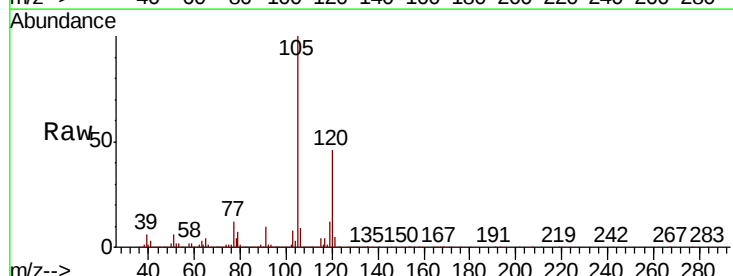
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

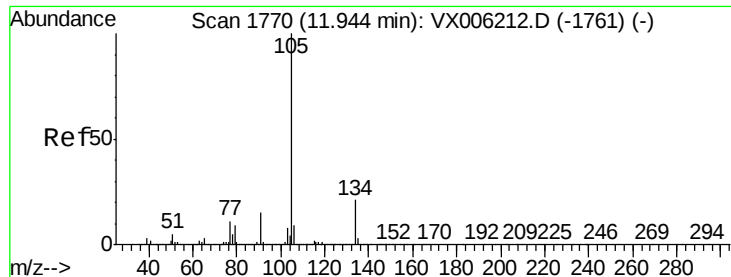
Tot Ion:119 Resp: 1808795
 Ion Ratio Lower Upper
 119 100
 91 52.9 26.4 79.2
 134 22.9 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 49.350 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006242.D
 Acq: 03 Dec 2018 10:11

Tgt Ion:105 Resp: 1748584
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.4 70.0





#85

sec-Butylbenzene

Concen: 50.991 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

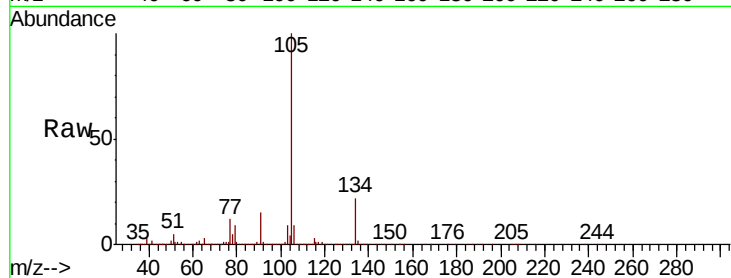
VSTDCCC050

Tot Ion:105 Resp: 2123820

Ion Ratio Lower Upper

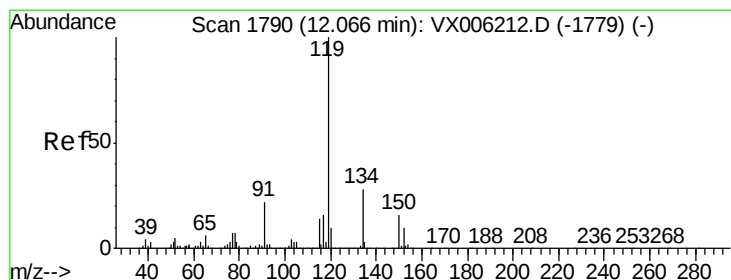
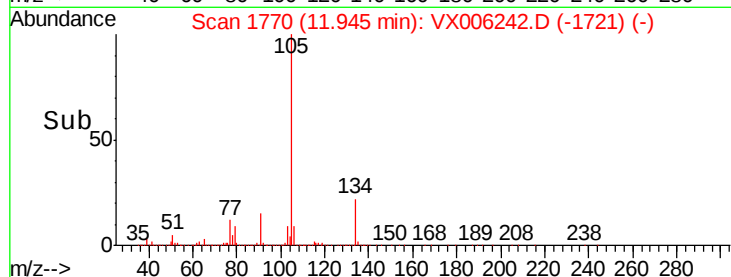
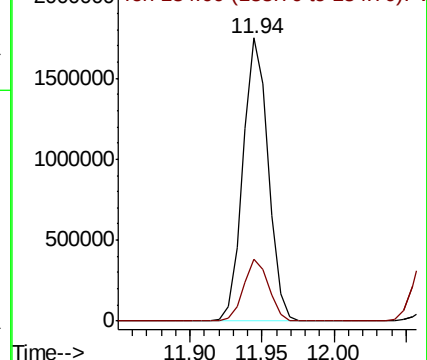
105 100

134 21.6 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.107 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

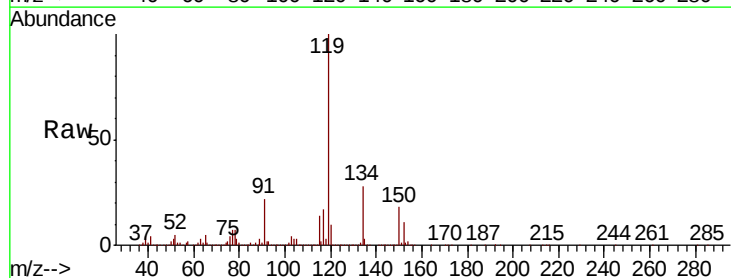
Tgt Ion:119 Resp: 1916774

Ion Ratio Lower Upper

119 100

134 27.9 13.9 41.6

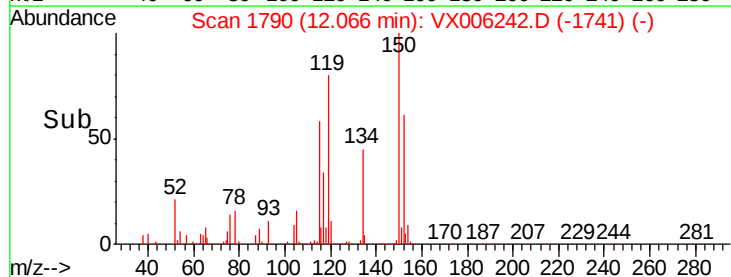
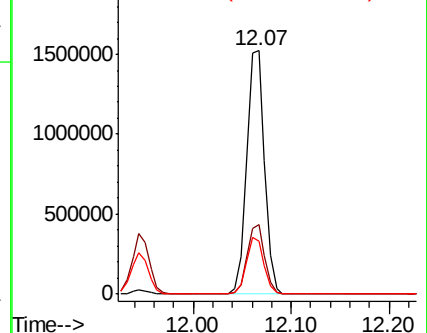
91 22.6 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

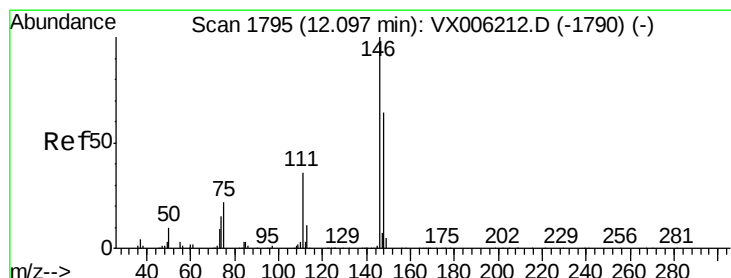
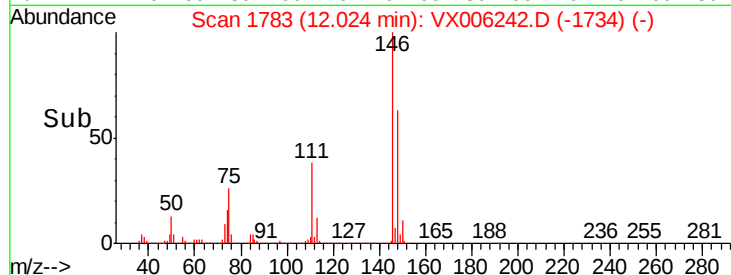
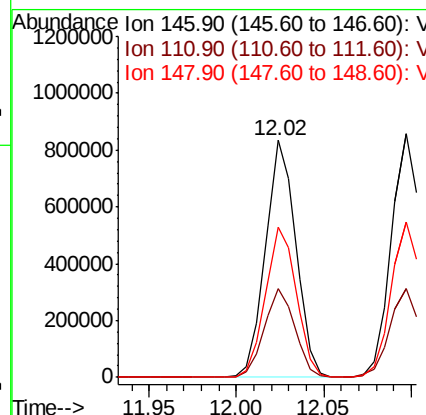
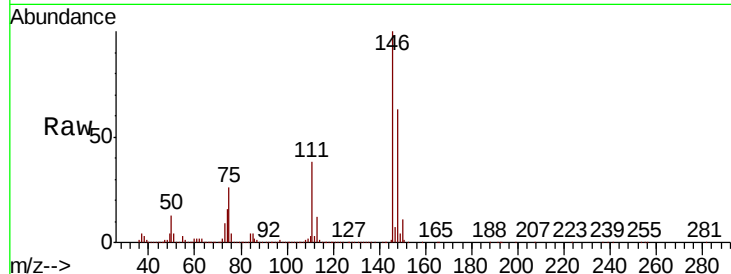




#87
 1,3-Dichlorobenzene
 Concen: 49.618 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006242.D
 Acq: 03 Dec 2018 10:11

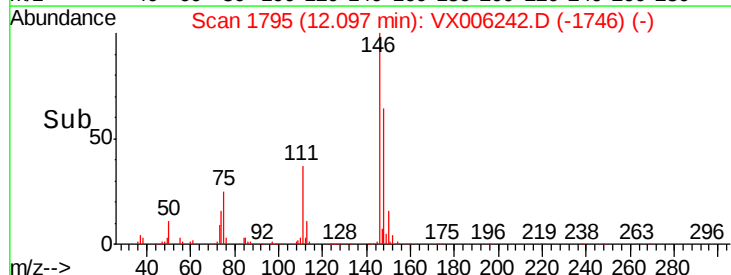
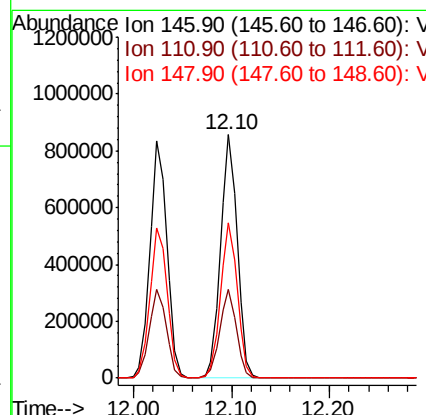
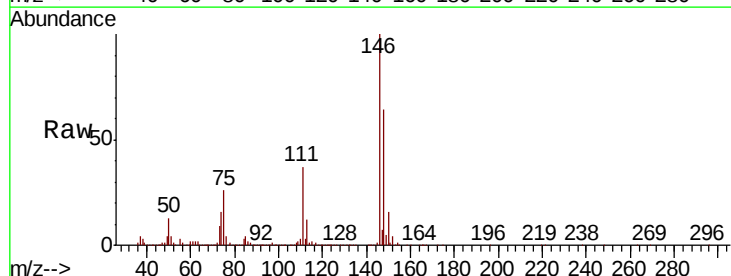
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

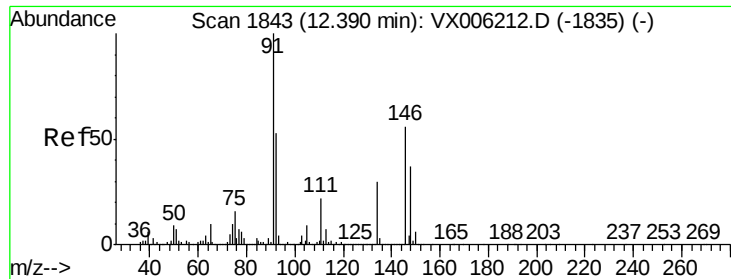
Tot Ion:146 Resp: 1010464
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.4 55.2
 148 64.4 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 49.227 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006242.D
 Acq: 03 Dec 2018 10:11

Tgt Ion:146 Resp: 1017526
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.3 54.8
 148 64.3 31.9 95.9

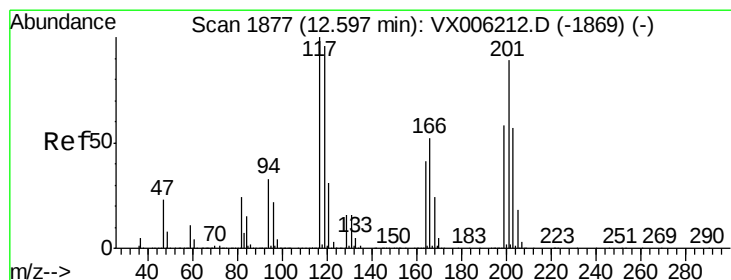
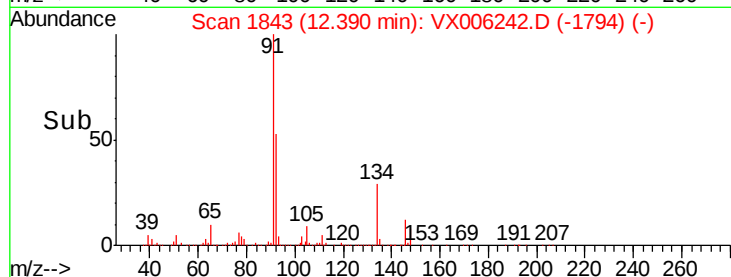
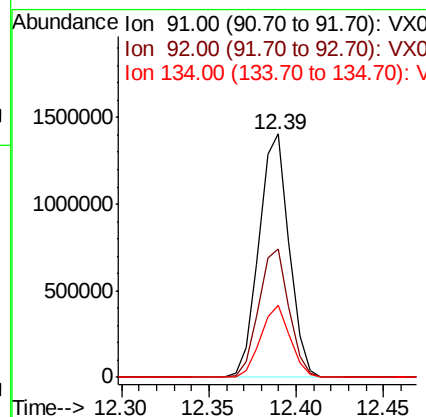
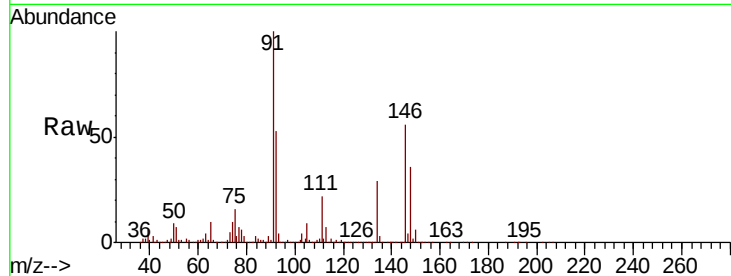




#89
n-Butylbenzene
Concen: 52.796 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

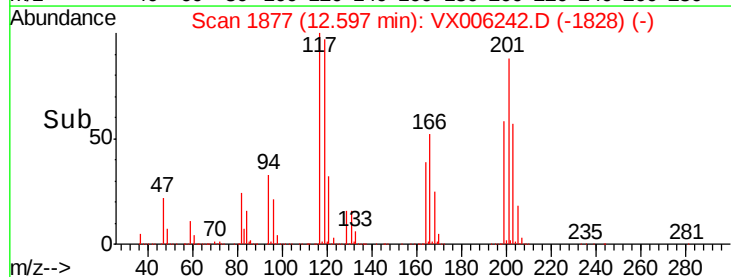
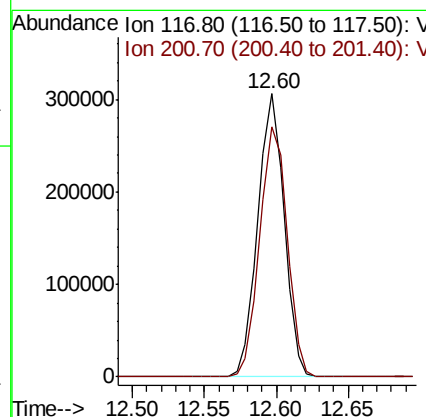
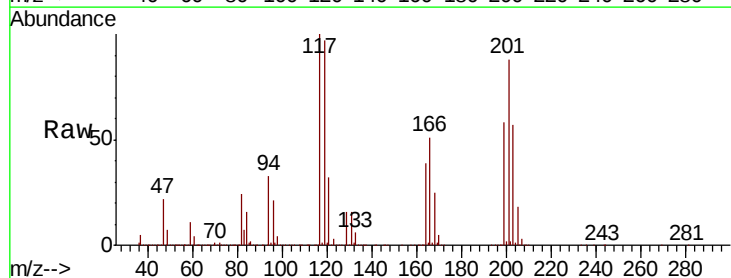
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

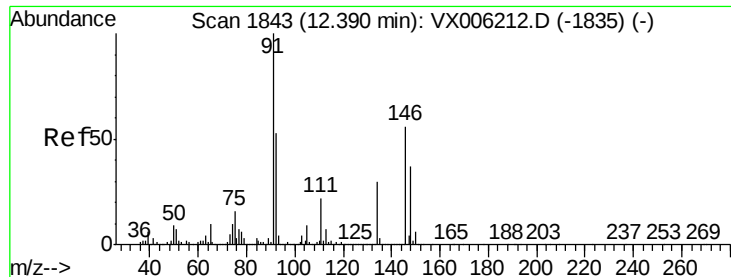
Tot Ion: 91 Resp: 1689512
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.8
134 28.7 14.8 44.3



#90
Hexachloroethane
Concen: 50.463 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006242.D
Acq: 03 Dec 2018 10:11

Tgt Ion: 117 Resp: 385731
Ion Ratio Lower Upper
117 100
201 91.9 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 48.209 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

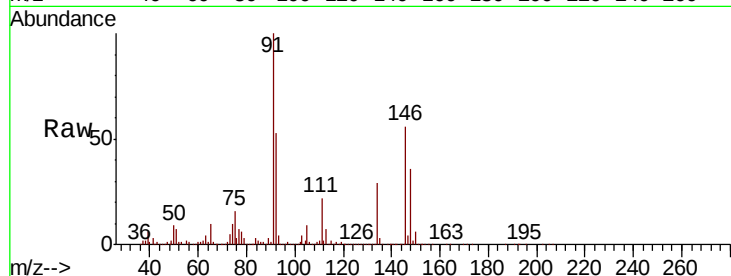
Tot Ion:146 Resp: 974375

Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.3

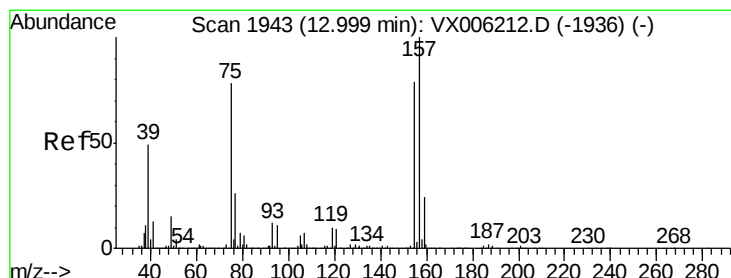
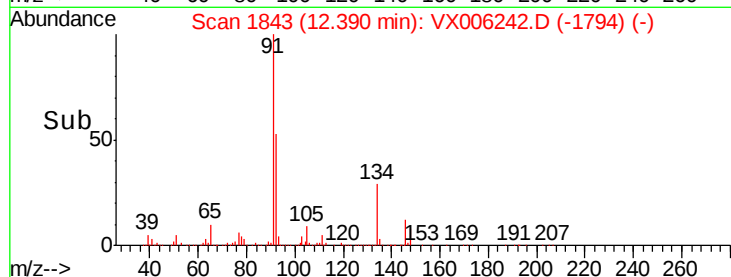
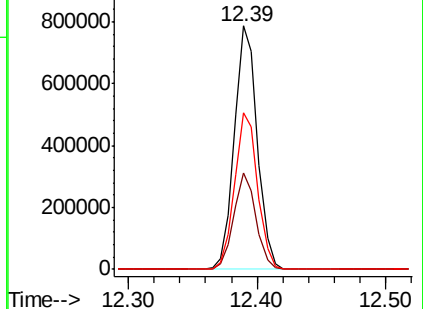
148 64.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.520 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

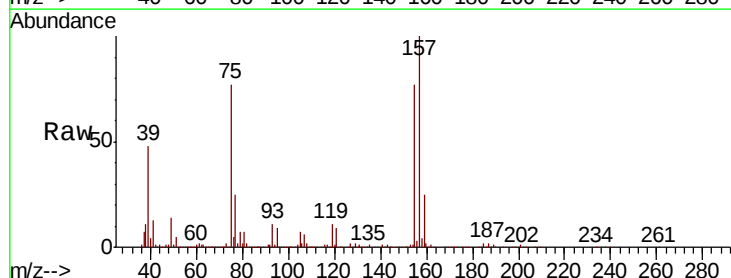
Tgt Ion: 75 Resp: 150574

Ion Ratio Lower Upper

75 100

155 105.0 53.4 160.3

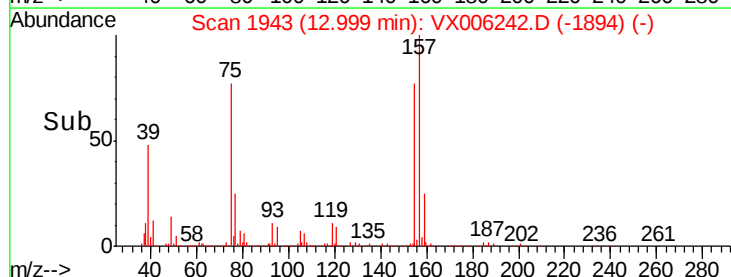
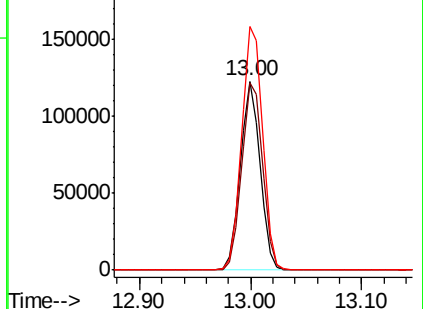
157 136.2 68.0 203.8

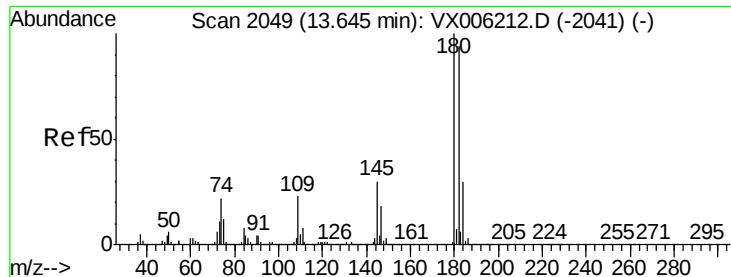


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

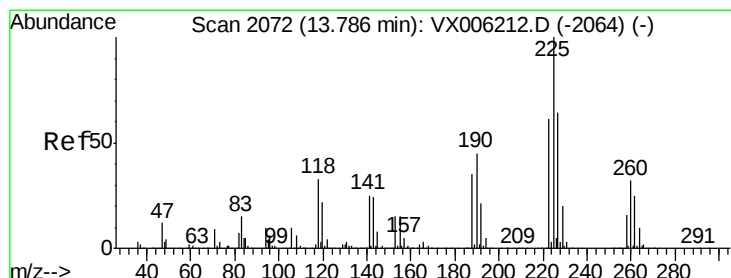
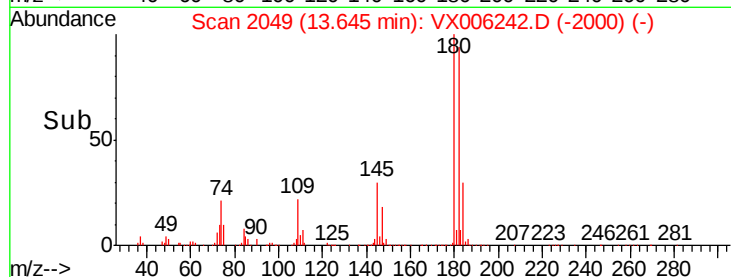
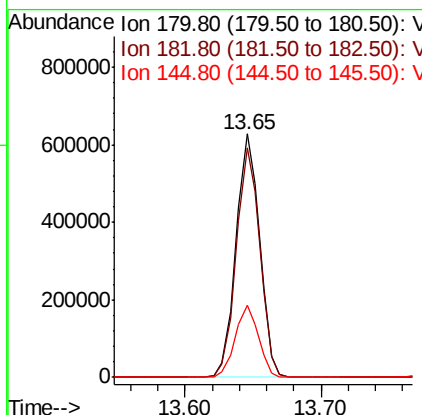
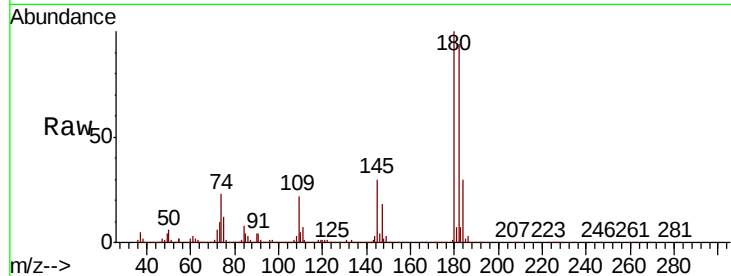




#93
 1,2,4-Trichlorobenzene
 Concen: 51.317 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006242.D
 Acq: 03 Dec 2018 10:11

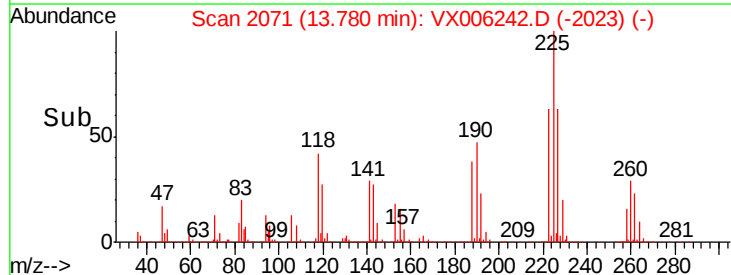
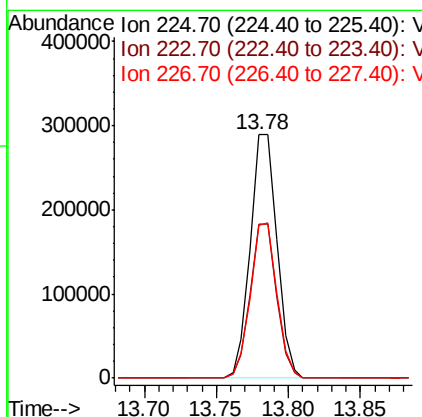
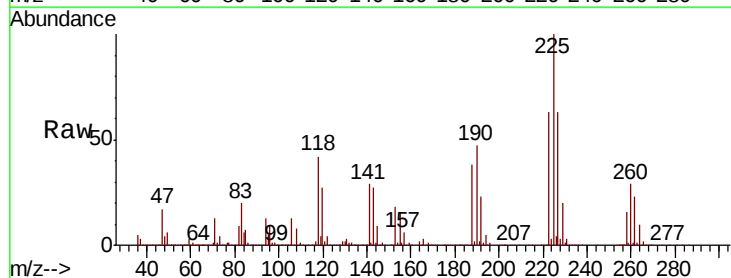
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.9
145	29.2	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 56.612 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006242.D
 Acq: 03 Dec 2018 10:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.2	93.6
227	63.0	31.9	95.5





#95

Naphthalene

Concen: 48.155 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Instrument :

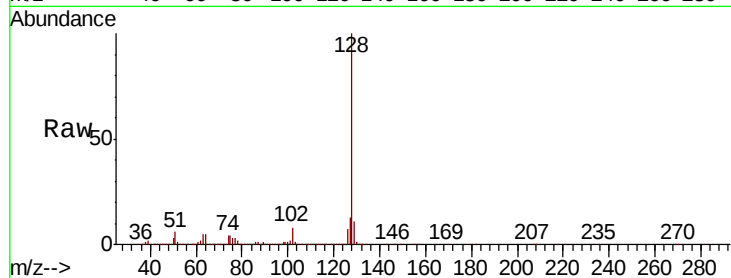
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 2208770

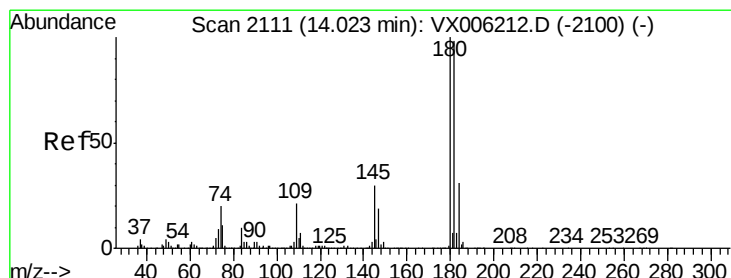
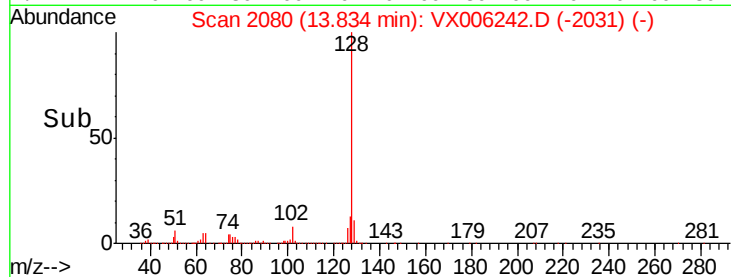
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.9	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.511 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX006242.D

Acq: 03 Dec 2018 10:11

Tgt Ion:180 Resp: 737718

Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.4	145.2
145	31.0	15.6	46.8

Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

