

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112918\
 Data File : VX006215.D
 Acq On : 29 Nov 2018 16:45
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112918

Quant Time: Nov 30 03:59:50 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	816315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1191022	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1099750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	582090	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	397448	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
35) Dibromofluoromethane	5.51	113	382706	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.71	98	1379578	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
62) 4-Bromofluorobenzene	11.14	95	535354	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	420520	52.612	ug/l	99
3) Chloromethane	1.33	50	429085	52.240	ug/l	98
4) Vinyl Chloride	1.41	62	452595	51.198	ug/l	98
5) Bromomethane	1.64	94	308396	50.338	ug/l	98
6) Chloroethane	1.72	64	277674	51.230	ug/l	100
7) Trichlorofluoromethane	1.93	101	680253	50.130	ug/l	100
8) Diethyl Ether	2.19	74	248187	48.326	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	380424	49.303	ug/l	99
10) Methyl Iodide	2.51	142	552680	47.529	ug/l	100
11) Tert butyl alcohol	3.07	59	551842	242.146	ug/l	99
12) 1,1-Dichloroethene	2.37	96	359936	48.729	ug/l	99
13) Acrolein	2.29	56	303270	243.474	ug/l	99
14) Allyl chloride	2.73	41	719722	49.325	ug/l	100
15) Acrylonitrile	3.15	53	1154425	242.749	ug/l	100
16) Acetone	2.45	43	955519	244.332	ug/l	100
17) Carbon Disulfide	2.57	76	1146511	50.372	ug/l	100
18) Methyl Acetate	2.78	43	635812	48.616	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	1289602	48.940	ug/l	100
20) Methylene Chloride	2.86	84	393733	47.306	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	385428	48.964	ug/l	98
22) Diisopropyl ether	3.87	45	1109200	48.668	ug/l	99
23) Vinyl Acetate	3.82	43	4793893	246.614	ug/l	99
24) 1,1-Dichloroethane	3.70	63	620528	47.635	ug/l	98
25) 2-Butanone	4.70	43	1359146	243.571	ug/l	99
26) 2,2-Dichloropropane	4.59	77	570169	47.426	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	427088	48.642	ug/l	99
28) Bromochloromethane	5.02	49	290183	50.999	ug/l	100
29) Tetrahydrofuran	5.15	42	930265	239.874	ug/l	100
30) Chloroform	5.21	83	655111	47.855	ug/l	97
31) Cyclohexane	5.57	56	578893	48.086	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	626059	48.066	ug/l	99
36) 1,1-Dichloropropene	5.80	75	491892	49.044	ug/l	100
37) Ethyl Acetate	4.85	43	542211	48.274	ug/l	99
38) Carbon Tetrachloride	5.79	117	583409	49.445	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX112918\
 Data File : VX006215.D
 Acq On : 29 Nov 2018 16:45
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112918

Quant Time: Nov 30 03:59:50 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)
39) Methylcyclohexane	7.46	83	642991	49.389	ug/l	98
40) Benzene	6.15	78	1487050	49.503	ug/l	98
41) Methacrylonitrile	5.06	41	294770	47.695	ug/l	100
42) 1,2-Dichloroethane	6.20	62	487234	49.559	ug/l	100
43) Isopropyl Acetate	6.46	43	906458	48.404	ug/l	100
44) Trichloroethene	7.21	130	446992	49.118	ug/l	97
45) 1,2-Dichloropropane	7.52	63	369998	48.463	ug/l	100
46) Dibromomethane	7.66	93	272962	49.505	ug/l	100
47) Bromodichloromethane	7.90	83	529317	49.572	ug/l	98
48) Methyl methacrylate	7.77	41	446172	48.974	ug/l	100
49) 1,4-Dioxane	7.75	88	216958	966.241	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2712016	248.770	ug/l	100
52) Toluene	8.79	92	966734	48.916	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	621840	49.796	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	636899	49.117	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	401877	50.054	ug/l	99
56) Ethyl methacrylate	9.18	69	622752	49.615	ug/l	100
57) 1,3-Dichloropropane	9.37	76	631478	49.738	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1542365	242.154	ug/l	100
59) 2-Hexanone	9.49	43	2072624	248.847	ug/l	99
60) Dibromochloromethane	9.59	129	490140	49.508	ug/l	100
61) 1,2-Dibromoethane	9.67	107	437824	48.769	ug/l	100
64) Tetrachloroethene	9.34	164	396005	47.814	ug/l	99
65) Chlorobenzene	10.14	112	1145595	49.072	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	440687	48.585	ug/l	99
67) Ethyl Benzene	10.25	91	1894336	48.788	ug/l	99
68) m/p-Xylenes	10.36	106	1518367	97.623	ug/l	100
69) o-Xylene	10.70	106	745178	48.505	ug/l	99
70) Styrene	10.71	104	1230381	49.517	ug/l	99
71) Bromoform	10.86	173	430539	50.283	ug/l	99
73) Isopropylbenzene	11.02	105	1965635	48.898	ug/l	100
74) N-amyl acetate	10.90	43	834595	48.214	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	618892	48.124	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	753103	67.030	ug/l	86
77) Bromobenzene	11.26	156	547897	49.113	ug/l	99
78) n-propylbenzene	11.36	91	2213483	49.536	ug/l	100
79) 2-Chlorotoluene	11.42	91	1303589	49.083	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1627267	48.653	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	230831	48.214	ug/l	98
82) 4-Chlorotoluene	11.51	91	1516170	49.101	ug/l	100
83) tert-Butylbenzene	11.77	119	1737120	48.678	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1670712	48.376	ug/l	99
85) sec-Butylbenzene	11.94	105	2003693	49.355	ug/l	100
86) p-Isopropyltoluene	12.07	119	1790820	48.987	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	984674	49.605	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	972662	48.277	ug/l	99
89) n-Butylbenzene	12.39	91	1546647	49.585	ug/l	99
90) Hexachloroethane	12.60	117	365887	49.108	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	945599	47.999	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	148559	45.064	ug/l	99

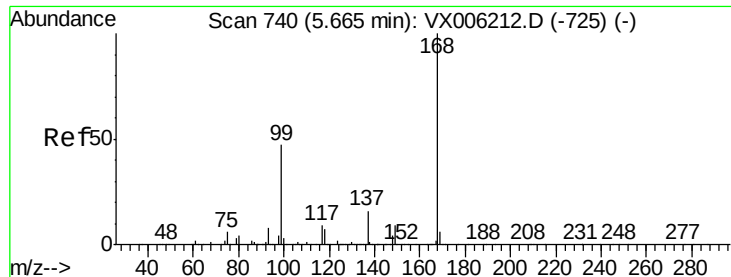
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX112918\
Data File : VX006215.D
Acq On : 29 Nov 2018 16:45
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112918

Quant Time: Nov 30 03:59:50 2018
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.65	180	712082	49.544	ug/l	99
94) Hexachlorobutadiene	13.79	225	320584	50.436	ug/l	100
95) Naphthalene	13.83	128	2168734	48.508	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	706213	49.608	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

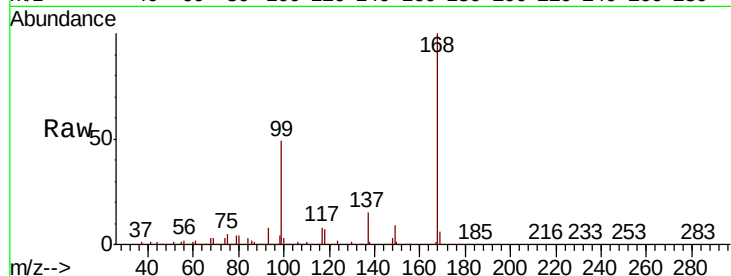
ICVVX112918

Tgt Ion:168 Resp: 816315

Ion Ratio Lower Upper

168 100

99 48.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006215.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX006215.D (-691) (-)

5.67

300000

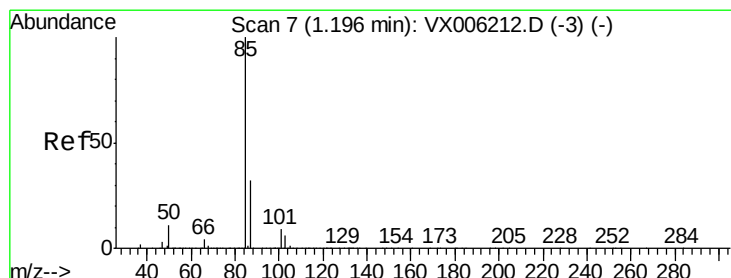
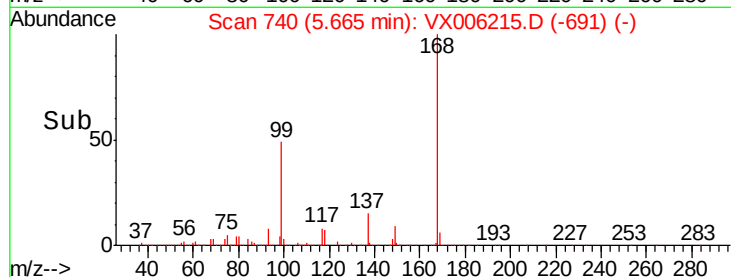
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 52.612 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006215.D

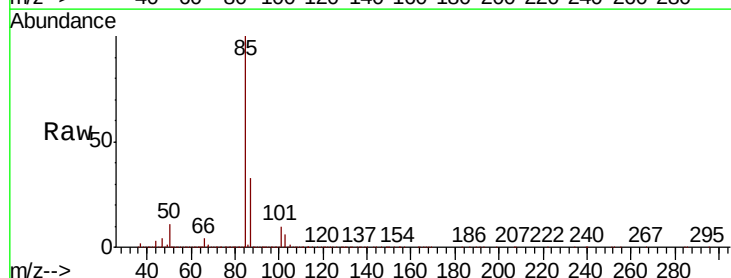
Acq: 29 Nov 2018 16:45

Tgt Ion: 85 Resp: 420520

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX006215.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX006215.D (-1) (-)

1.20

400000

300000

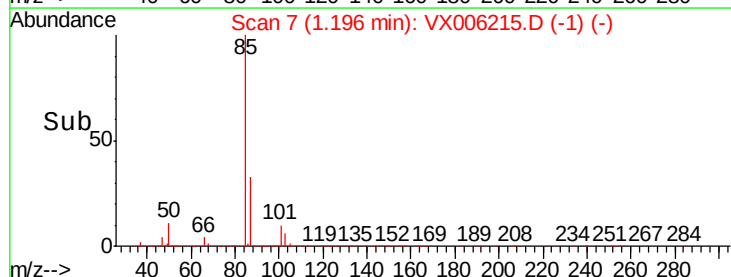
200000

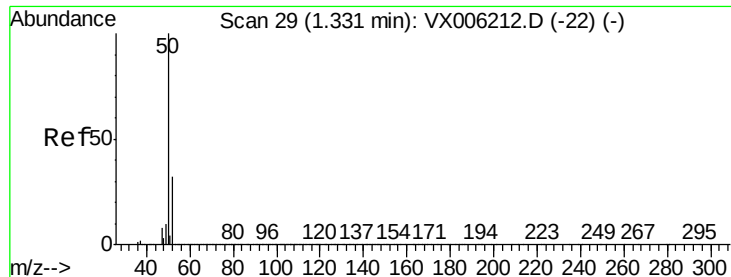
100000

0

1.15 1.20 1.25 1.30

Time-->

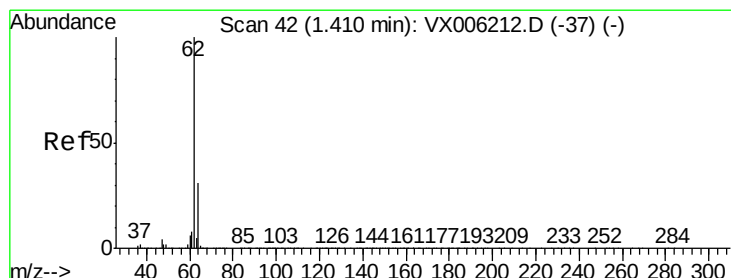
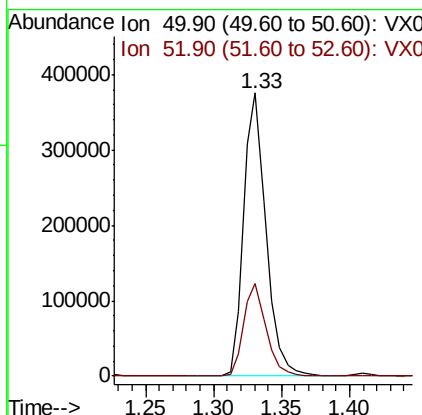
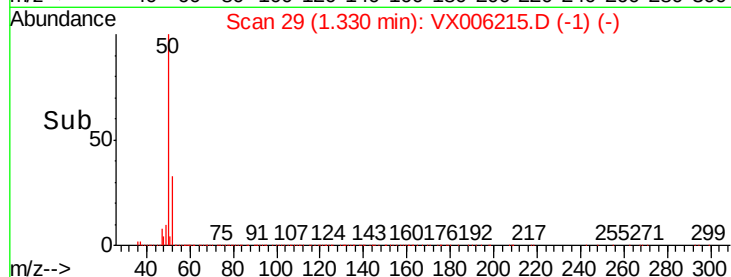
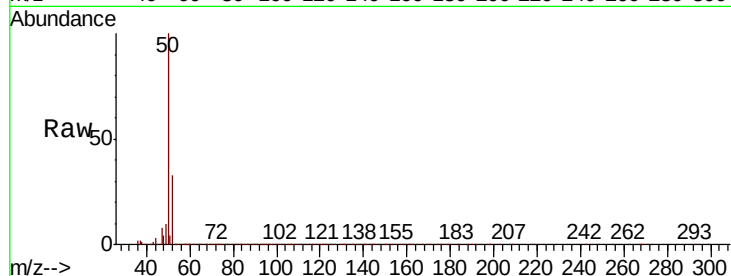




#3
Chloromethane
Concen: 52.240 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX006215.D
Acq: 29 Nov 2018 16:45

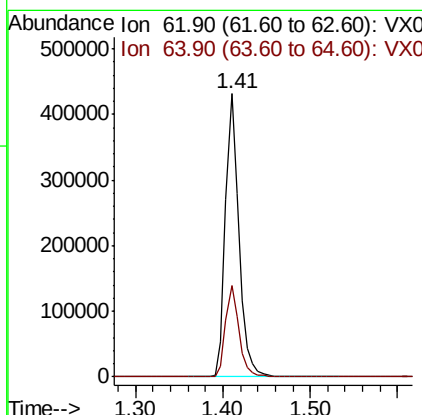
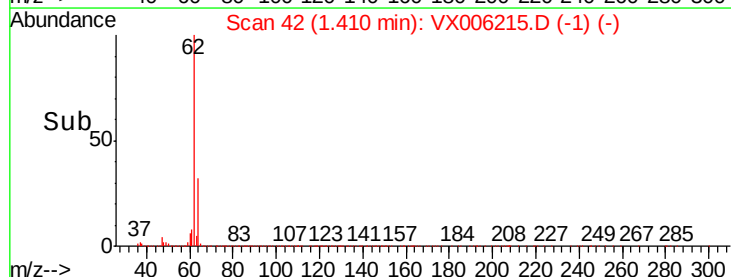
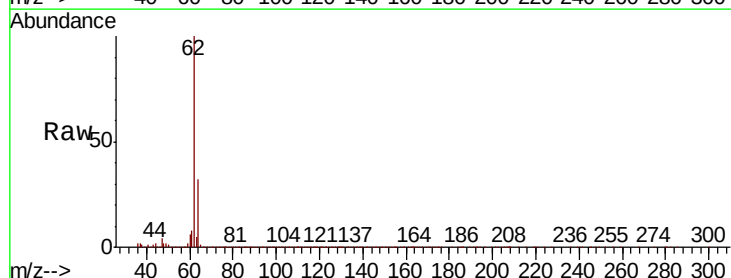
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112918

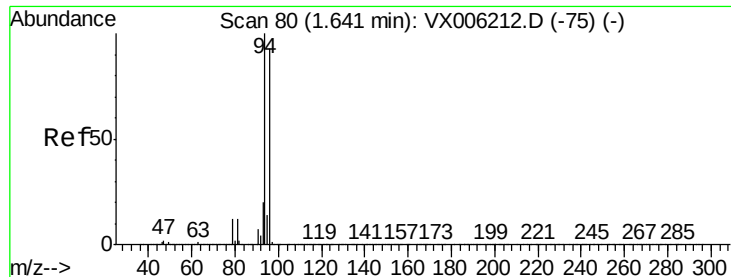
Tgt Ion: 50 Resp: 429085
Ion Ratio Lower Upper
50 100
52 32.5 25.2 37.8



#4
Vinyl Chloride
Concen: 51.198 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006215.D
Acq: 29 Nov 2018 16:45

Tgt Ion: 62 Resp: 452595
Ion Ratio Lower Upper
62 100
64 32.2 24.9 37.3





#5

Bromomethane

Concen: 50.338 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

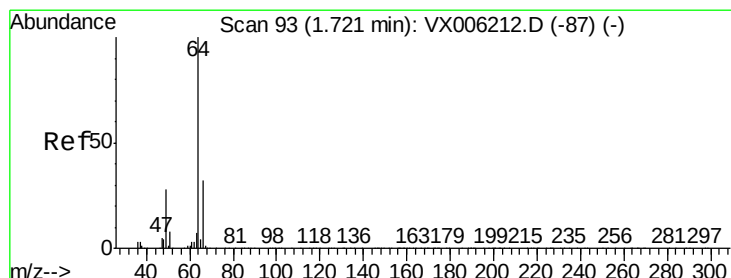
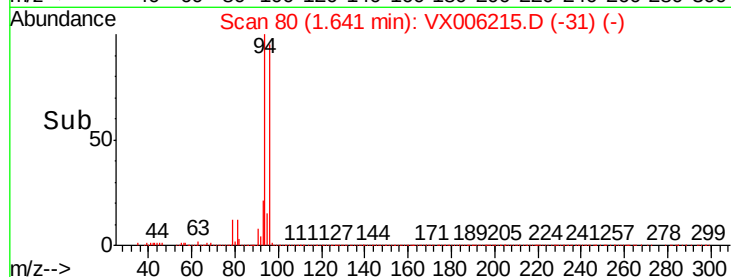
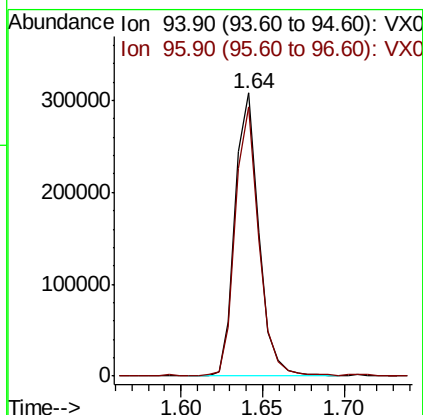
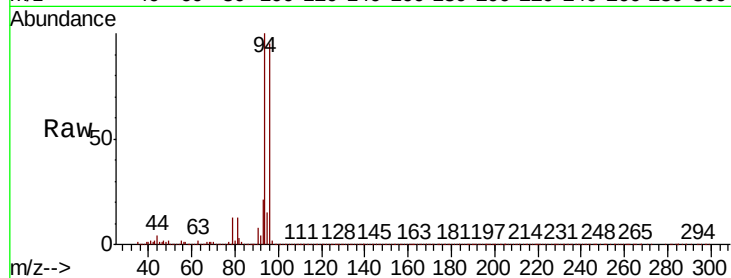
ICVVX112918

Tgt Ion: 94 Resp: 308396

Ion Ratio Lower Upper

94 100

96 94.9 74.5 111.7



#6

Chloroethane

Concen: 51.230 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX006215.D

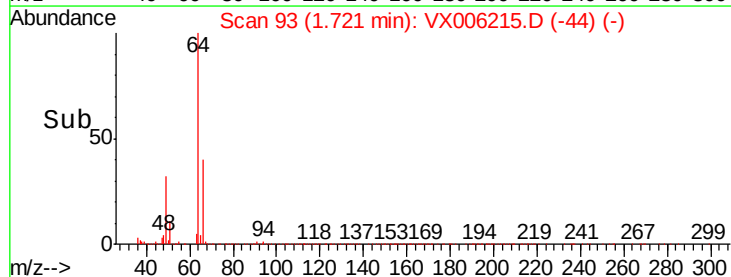
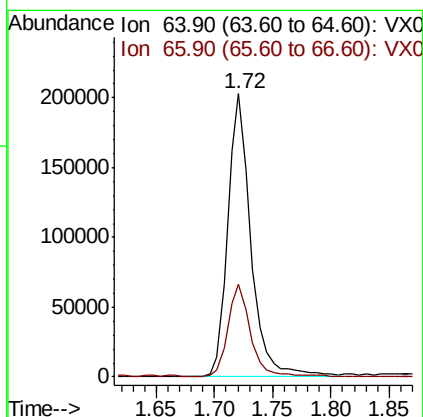
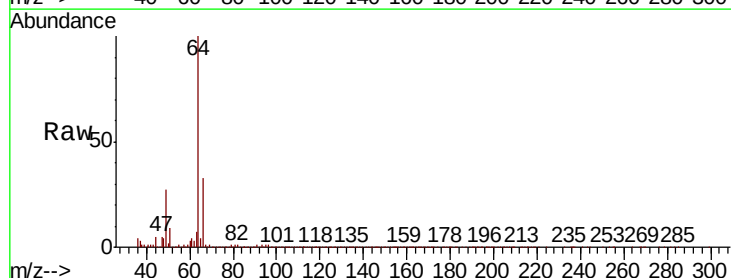
Acq: 29 Nov 2018 16:45

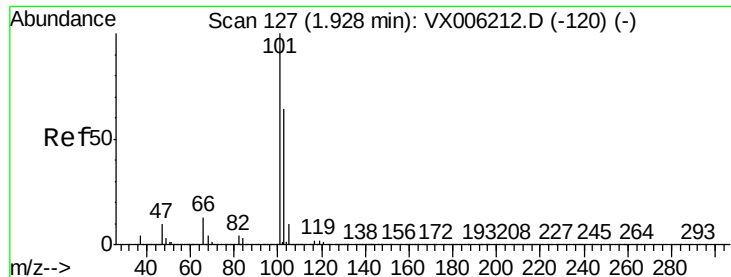
Tgt Ion: 64 Resp: 277674

Ion Ratio Lower Upper

64 100

66 32.6 25.9 38.9



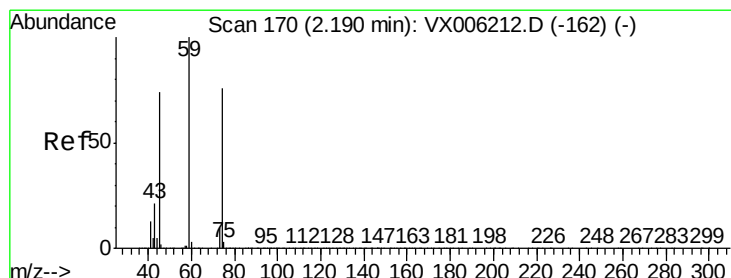
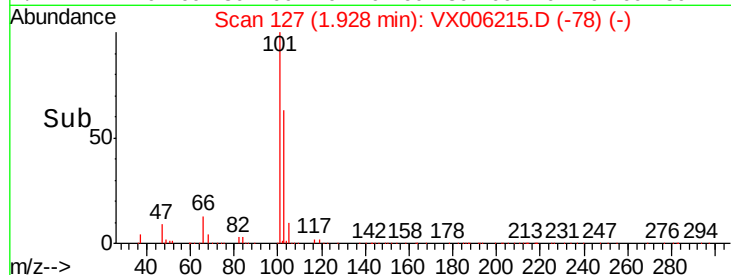
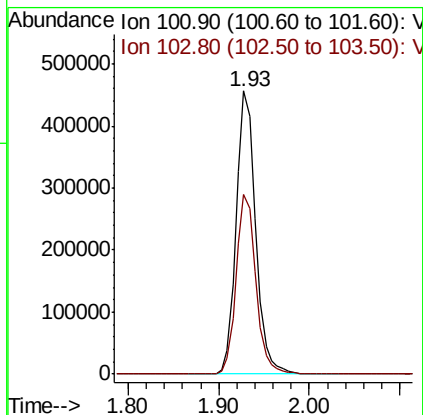
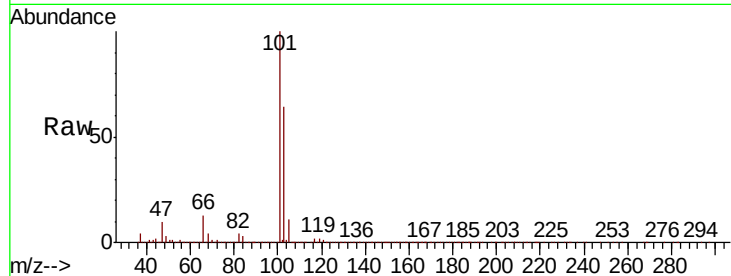


#7

Trichlorofluoromethane
Concen: 50.130 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006215.D
Acq: 29 Nov 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112918

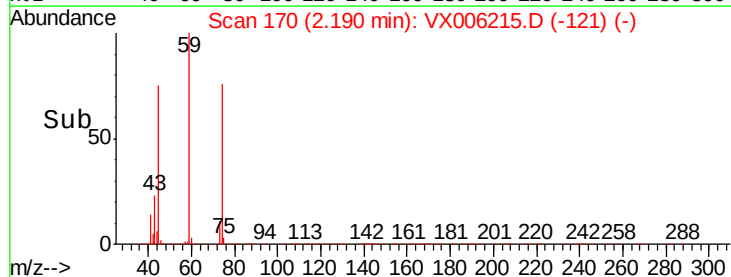
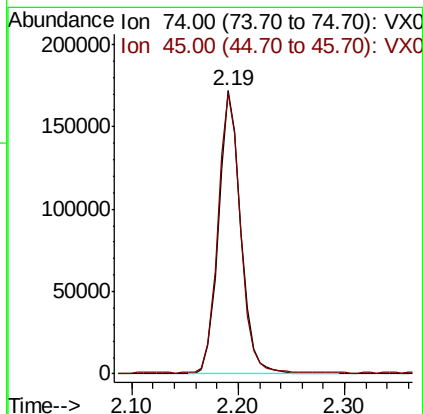
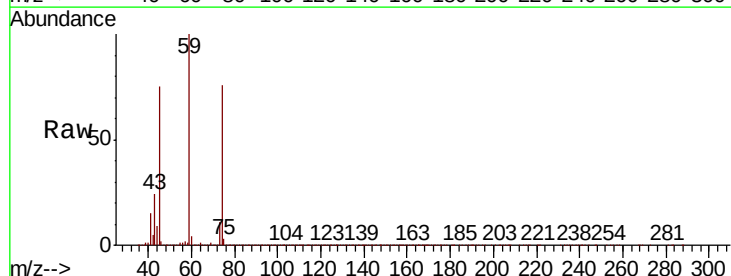
Tgt Ion:101 Resp: 680253
Ion Ratio Lower Upper
101 100
103 63.5 51.0 76.4

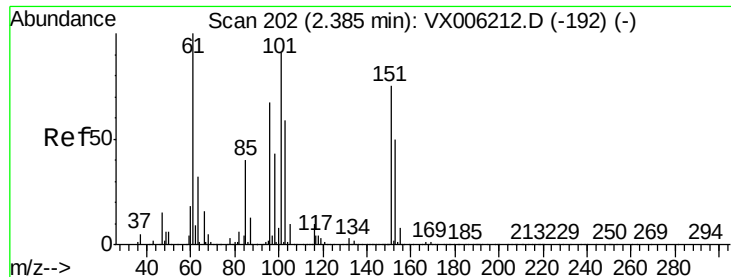


#8

Diethyl Ether
Concen: 48.326 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006215.D
Acq: 29 Nov 2018 16:45

Tgt Ion: 74 Resp: 248187
Ion Ratio Lower Upper
74 100
45 99.5 49.5 148.7

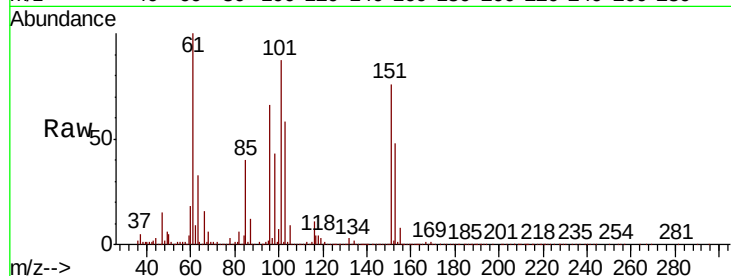




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.303 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX006215.D
 Acq: 29 Nov 2018 16:45

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112918

Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.2	35.5	53.3
151	84.7	68.6	103.0

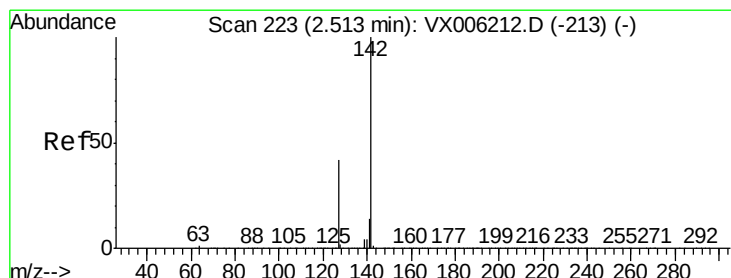
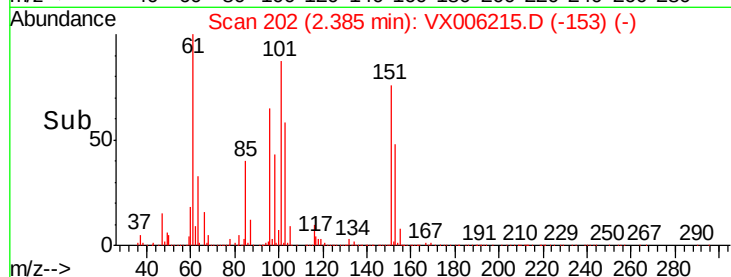
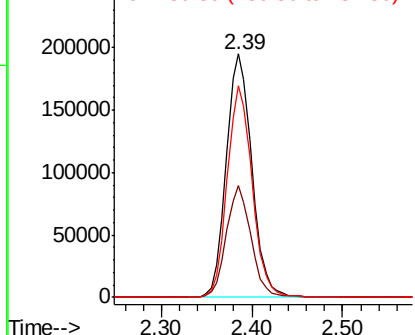


Abundance

Ion 100.90 (100.60 to 101.60): V

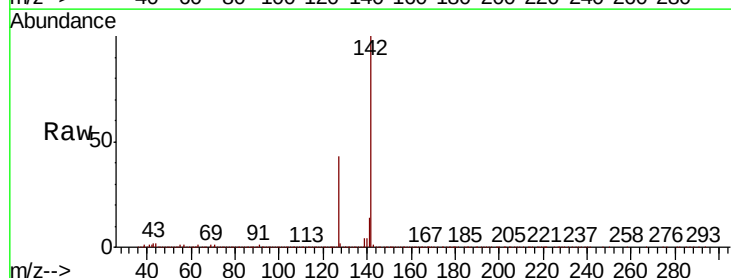
Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10
 Methyl Iodide
 Concen: 47.529 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VX006215.D
 Acq: 29 Nov 2018 16:45

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.7	34.8	52.2
141	14.0	11.4	17.2

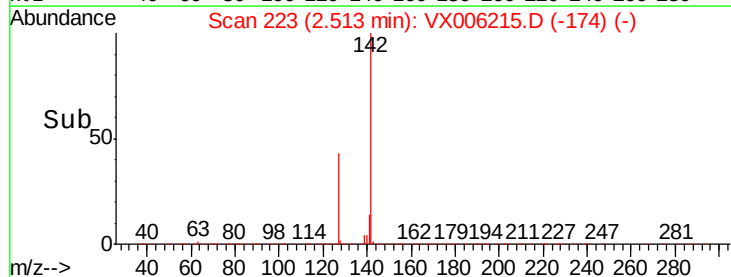
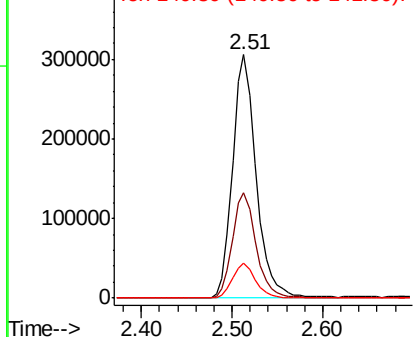


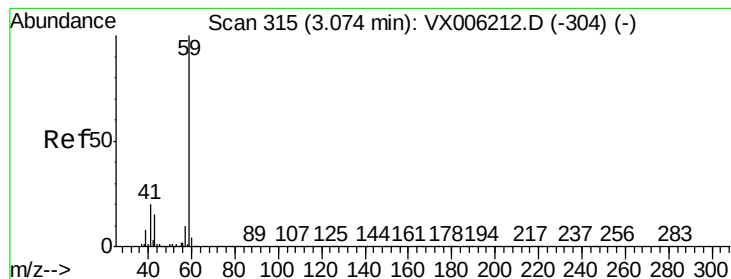
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



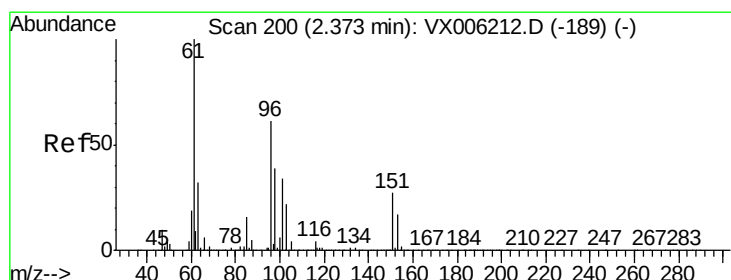
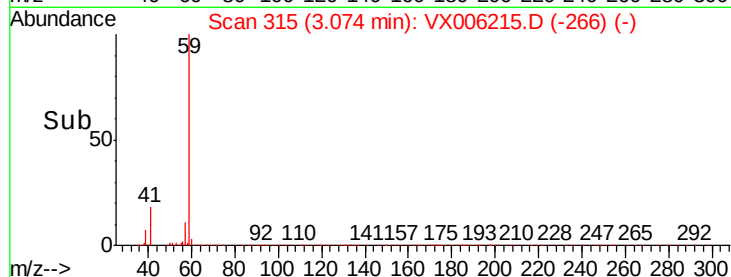
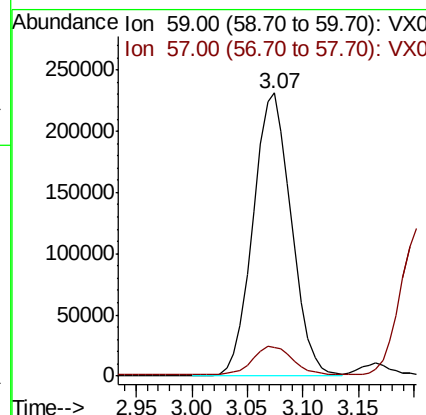
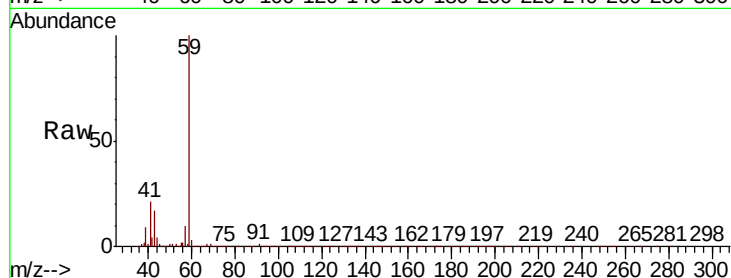


#11

Tert butyl alcohol
Concen: 242.146 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX006215.D
Acq: 29 Nov 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112918

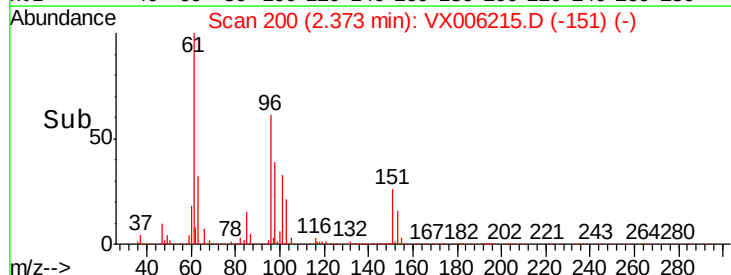
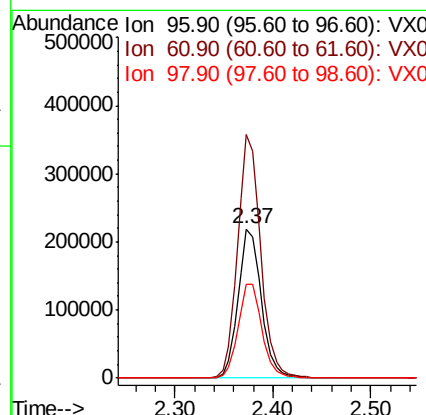
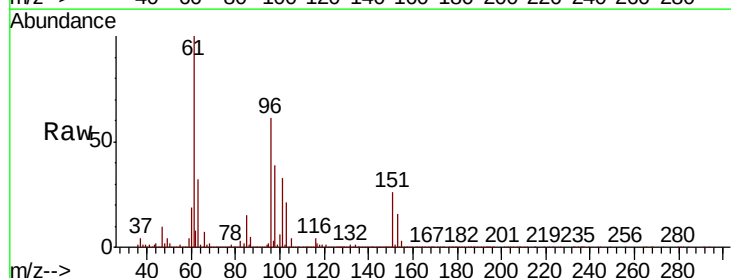
Tgt Ion: 59 Resp: 551842
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2

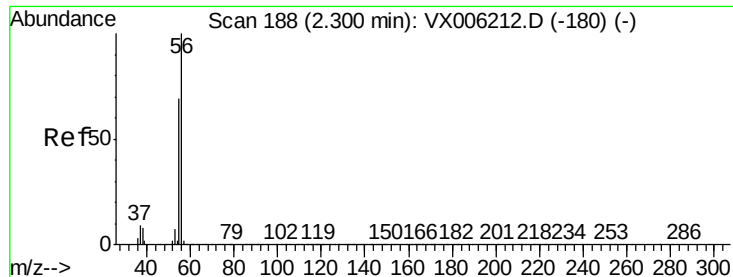


#12

1,1-Dichloroethene
Concen: 48.729 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006215.D
Acq: 29 Nov 2018 16:45

Tgt Ion: 96 Resp: 359936
Ion Ratio Lower Upper
96 100
61 163.1 131.7 197.5
98 63.1 51.8 77.6





#13

Acrolein

Concen: 243.474 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

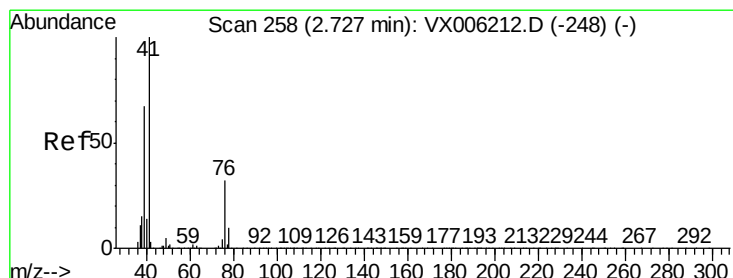
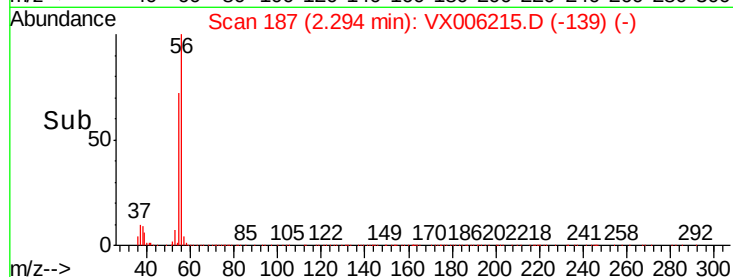
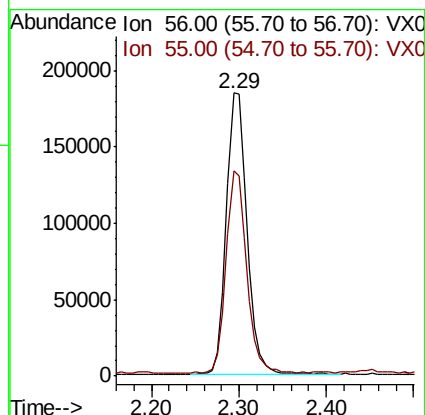
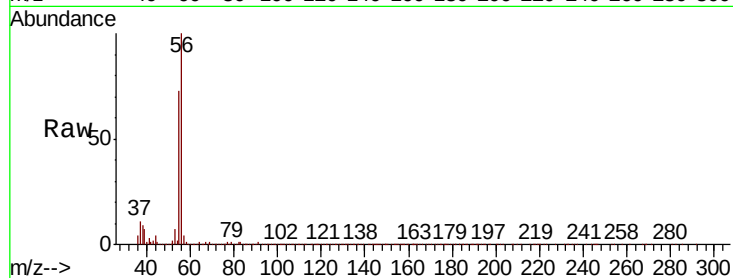
ICVVX112918

Tgt Ion: 56 Resp: 303270

Ion Ratio Lower Upper

56 100

55 71.0 57.8 86.6



#14

Allyl chloride

Concen: 49.325 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

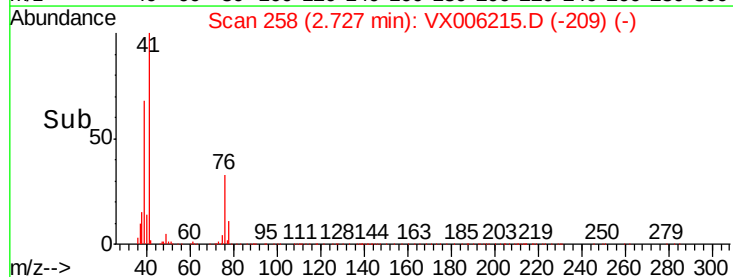
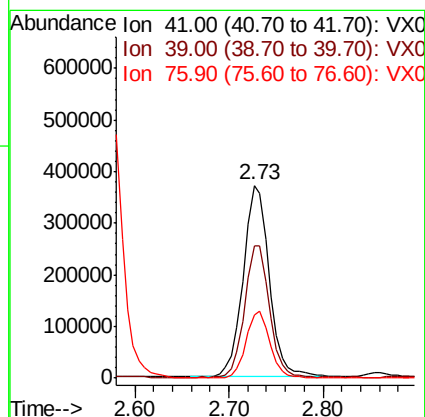
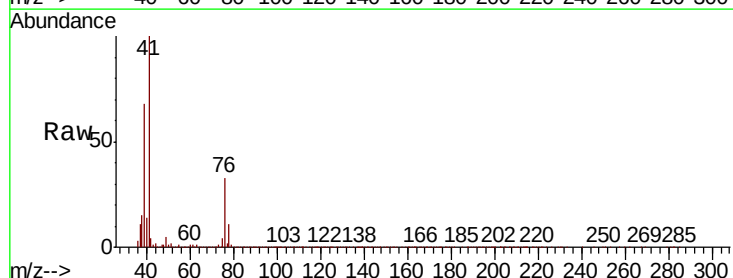
Tgt Ion: 41 Resp: 719722

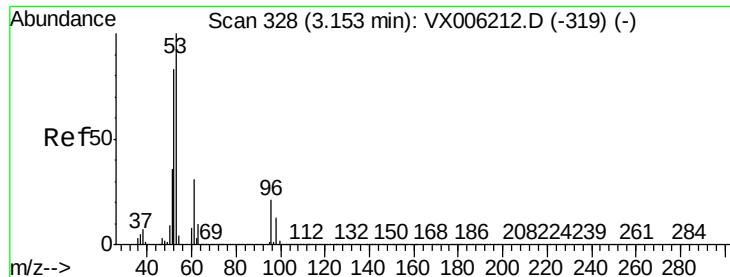
Ion Ratio Lower Upper

41 100

39 65.8 52.4 78.6

76 32.0 25.4 38.0





#15

Acrylonitrile

Concen: 242.749 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112918

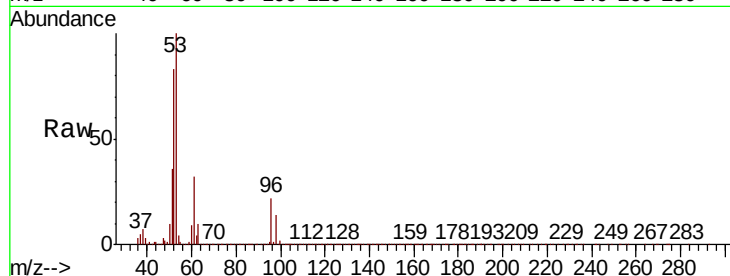
Tgt Ion: 53 Resp: 1154425

Ion Ratio Lower Upper

53 100

52 83.0 66.2 99.4

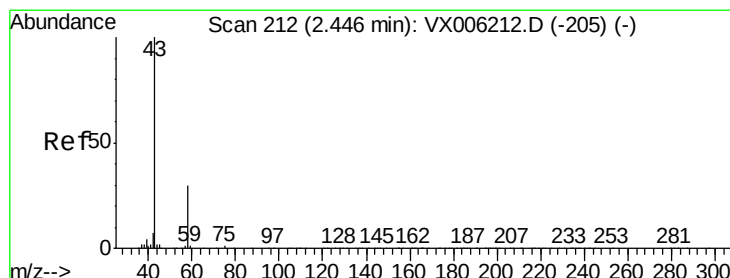
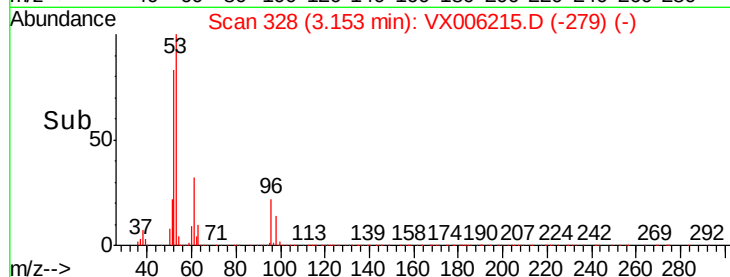
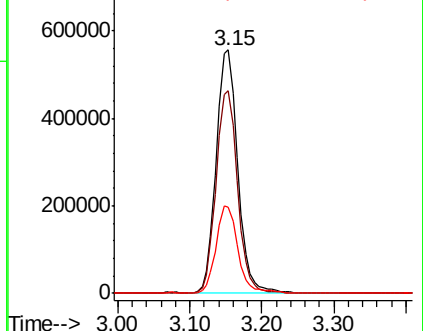
51 36.2 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 244.332 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006215.D

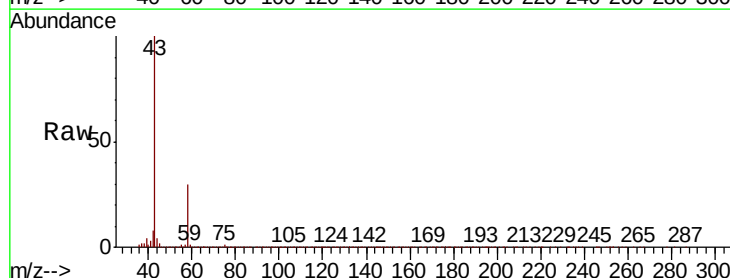
Acq: 29 Nov 2018 16:45

Tgt Ion: 43 Resp: 955519

Ion Ratio Lower Upper

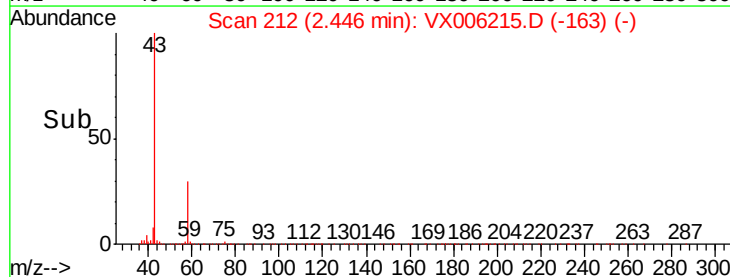
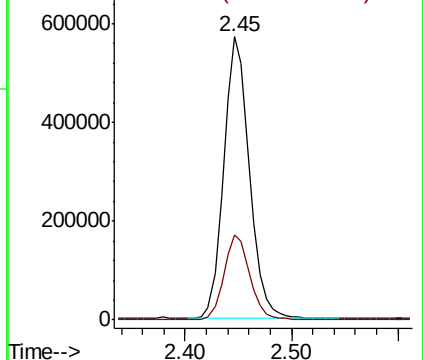
43 100

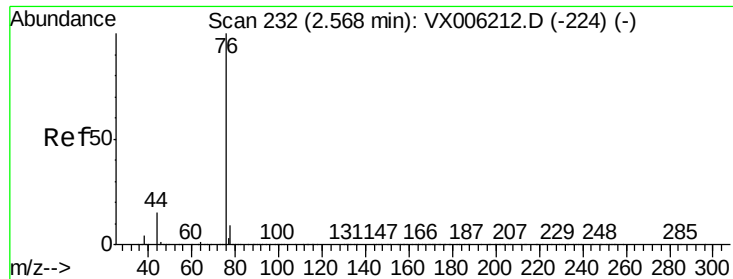
58 30.1 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 50.372 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

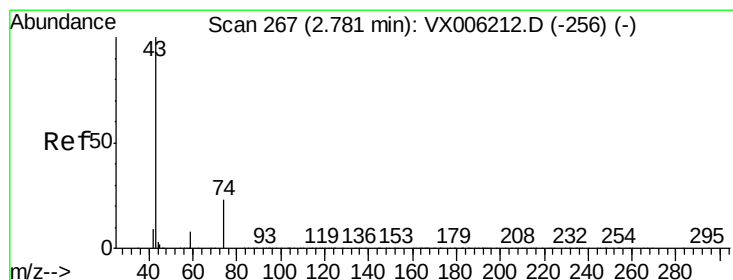
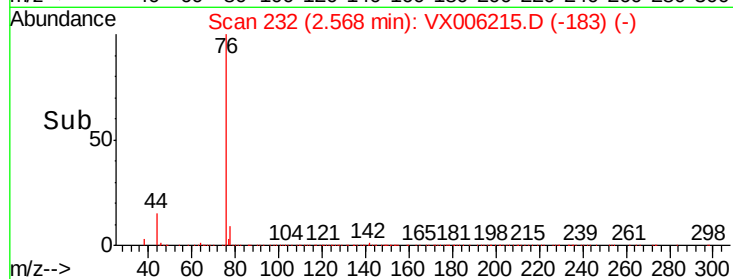
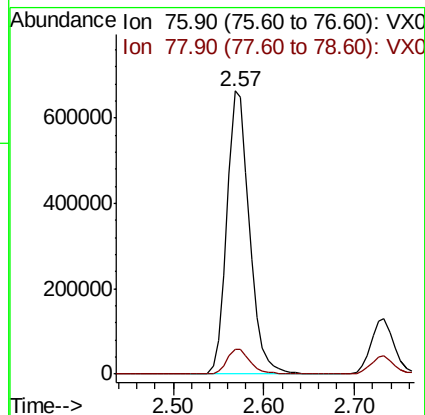
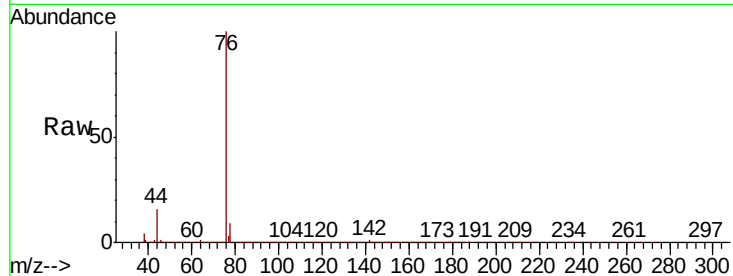
ICVVX112918

Tgt Ion: 76 Resp: 1146511

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



#18

Methyl Acetate

Concen: 48.616 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX006215.D

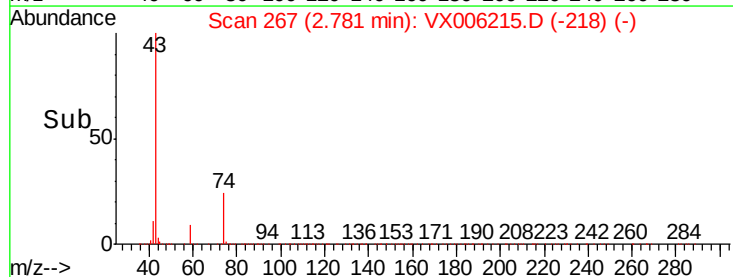
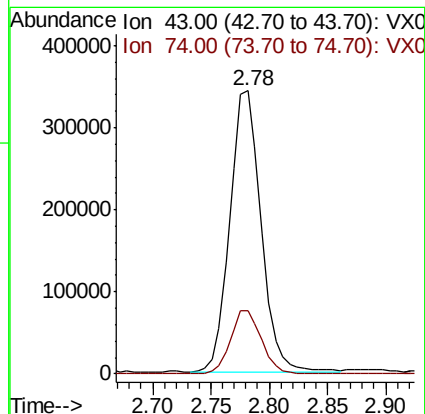
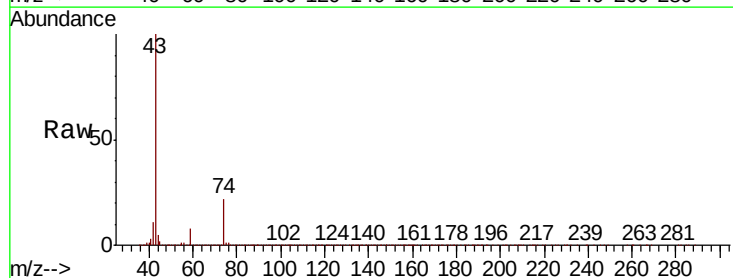
Acq: 29 Nov 2018 16:45

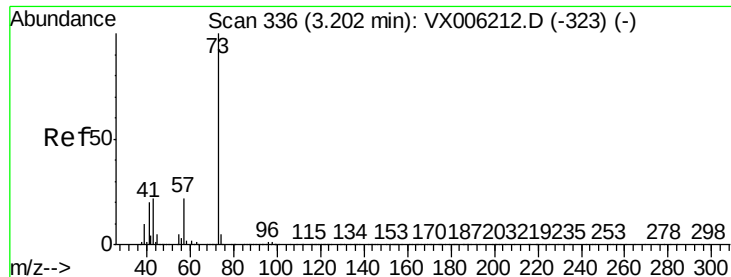
Tgt Ion: 43 Resp: 635812

Ion Ratio Lower Upper

43 100

74 22.2 17.9 26.9

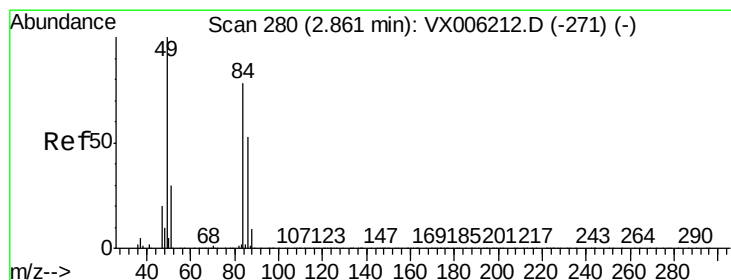
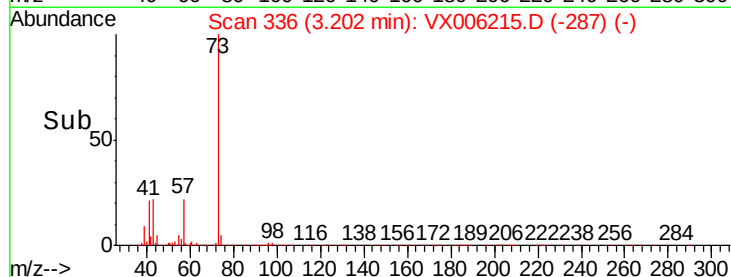
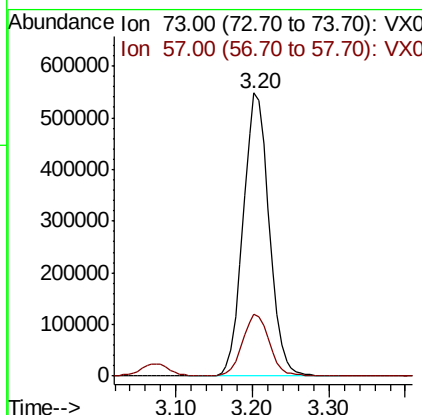
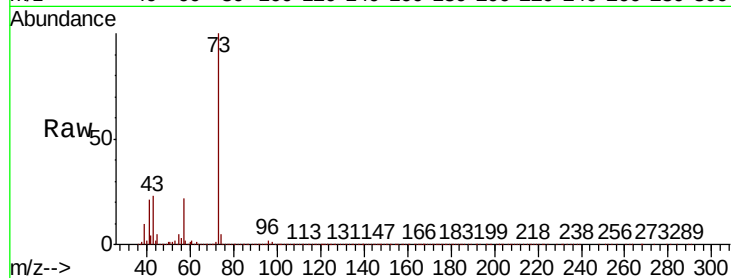




#19
Methyl tert-butyl Ether
Concen: 48.940 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006215.D
Acq: 29 Nov 2018 16:45

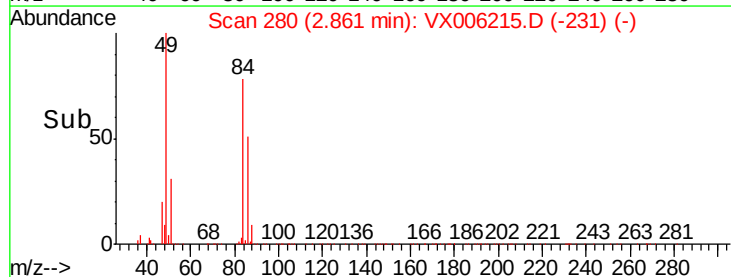
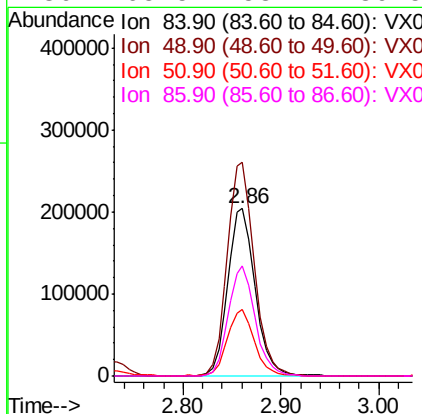
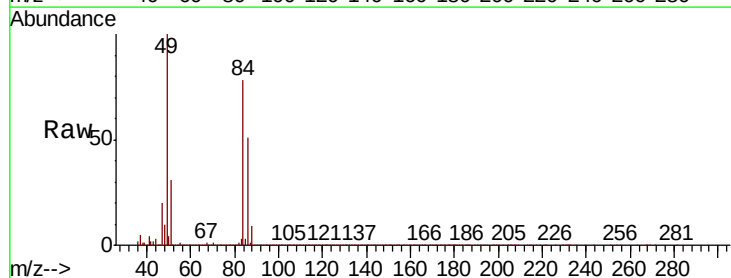
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112918

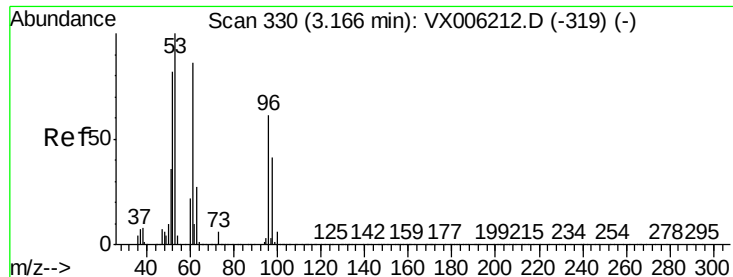
Tgt Ion: 73 Resp: 1289602
Ion Ratio Lower Upper
73 100
57 21.8 17.5 26.3



#20
Methylene Chloride
Concen: 47.306 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006215.D
Acq: 29 Nov 2018 16:45

Tgt Ion: 84 Resp: 393733
Ion Ratio Lower Upper
84 100
49 127.6 102.2 153.4
51 39.1 31.1 46.7
86 65.5 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 48.964 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112918

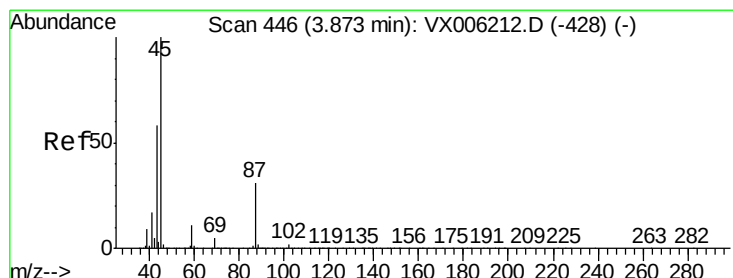
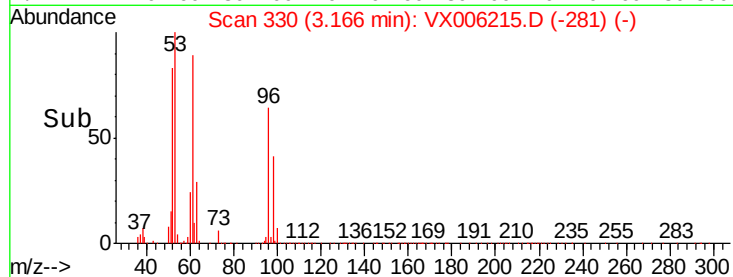
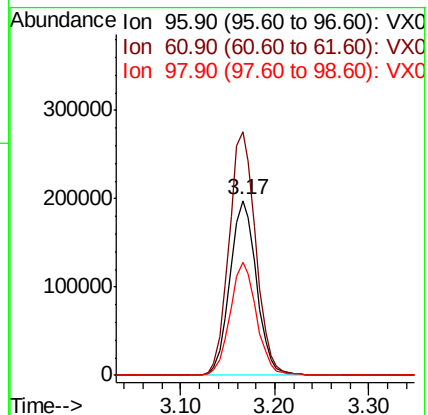
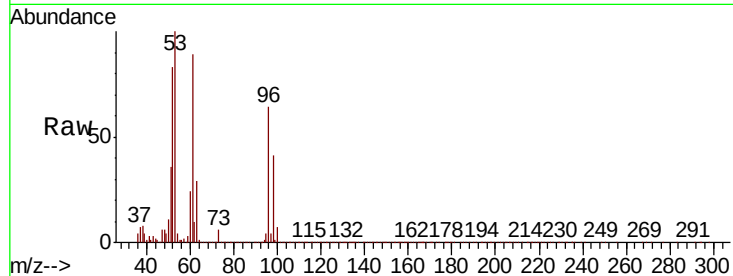
Tgt Ion: 96 Resp: 385428

Ion Ratio Lower Upper

96 100

61 139.2 113.3 169.9

98 64.2 53.2 79.8



#22

Diisopropyl ether

Concen: 48.668 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Tgt Ion: 45 Resp: 1109200

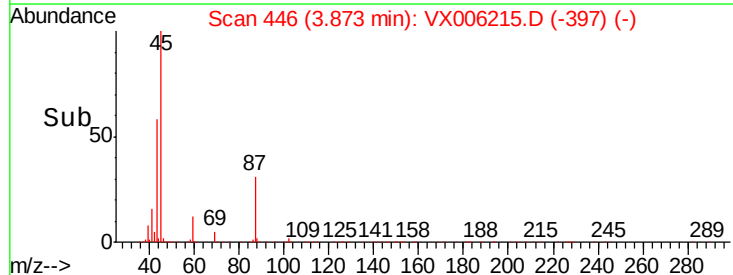
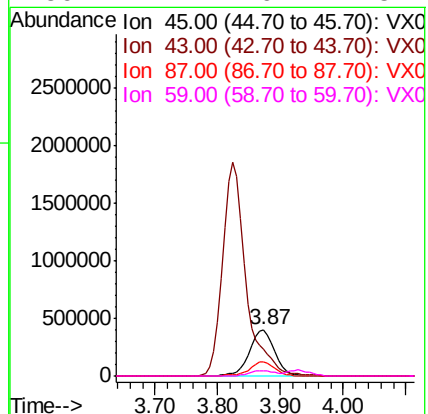
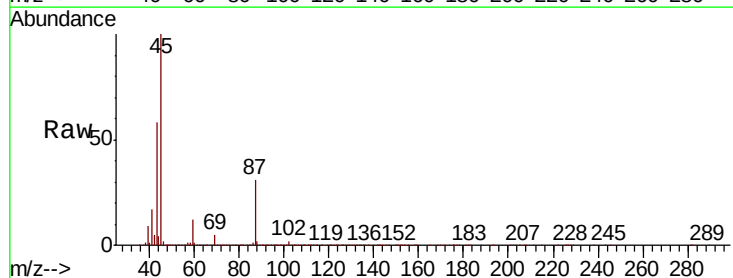
Ion Ratio Lower Upper

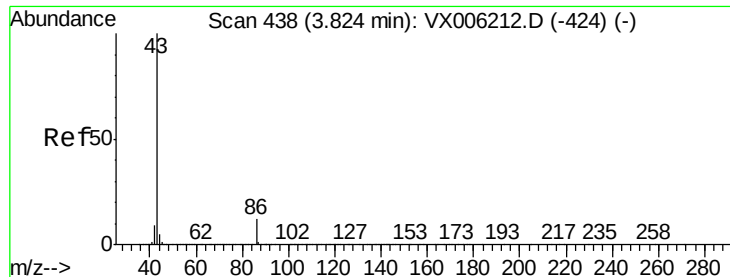
45 100

43 58.0 46.2 69.2

87 30.6 24.9 37.3

59 12.2 9.1 13.7





#23

Vinyl Acetate

Concen: 246.614 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

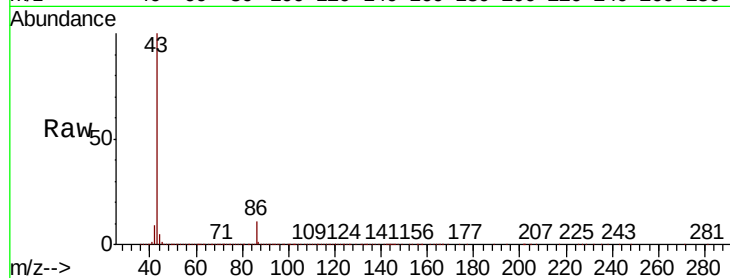
ICVVX112918

Tgt Ion: 43 Resp: 4793893

Ion Ratio Lower Upper

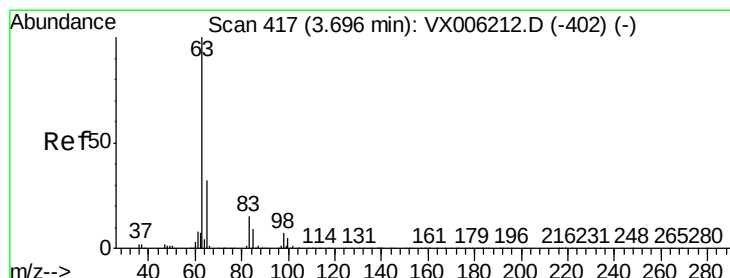
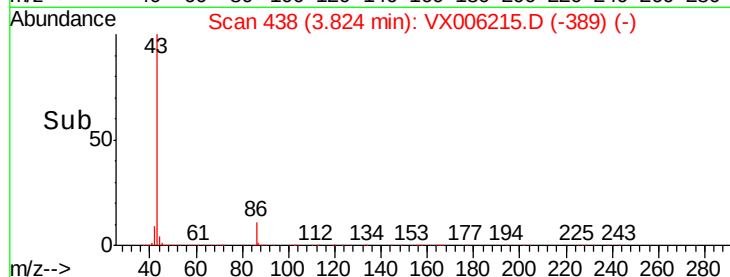
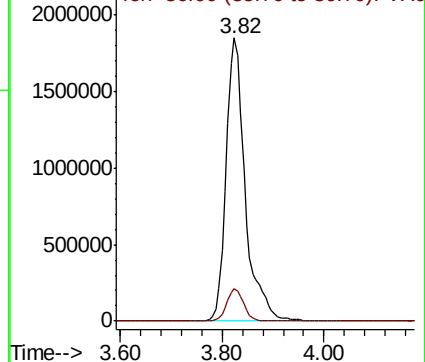
43 100

86 11.5 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.635 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

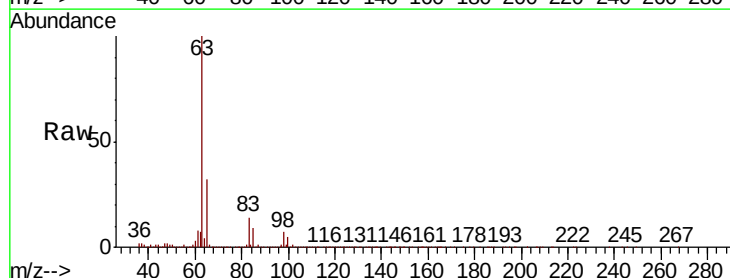
Tgt Ion: 63 Resp: 620528

Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.4

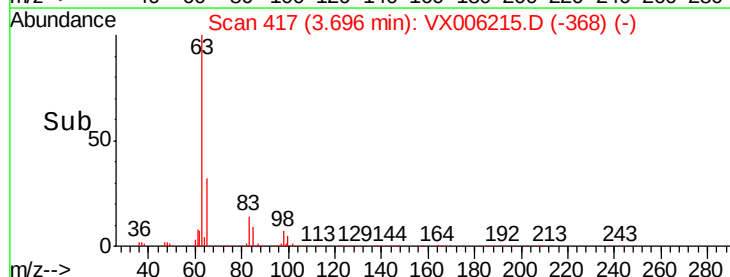
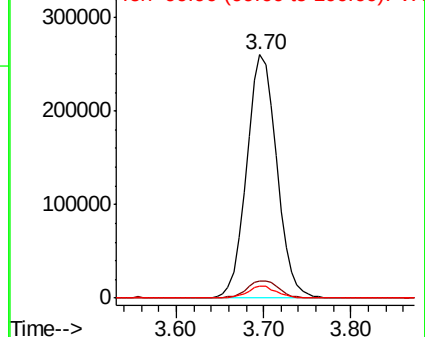
100 4.7 2.5 7.4

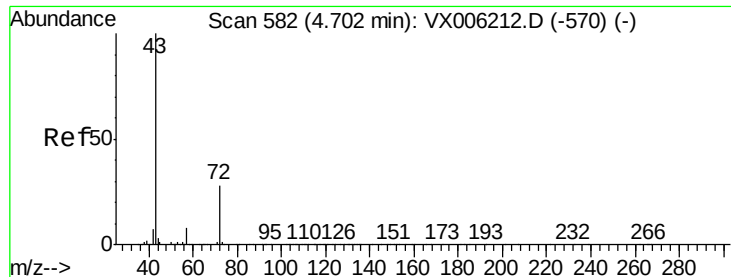


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 243.571 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

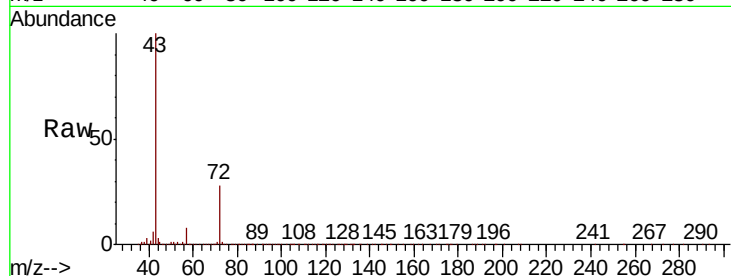
ICVVX112918

Tgt Ion: 43 Resp: 1359146

Ion Ratio Lower Upper

43 100

72 27.6 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

500000

400000

300000

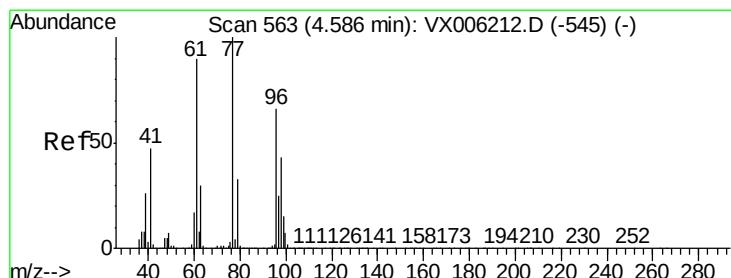
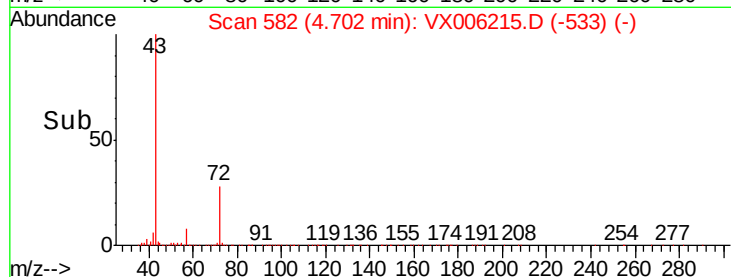
200000

100000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 47.426 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006215.D

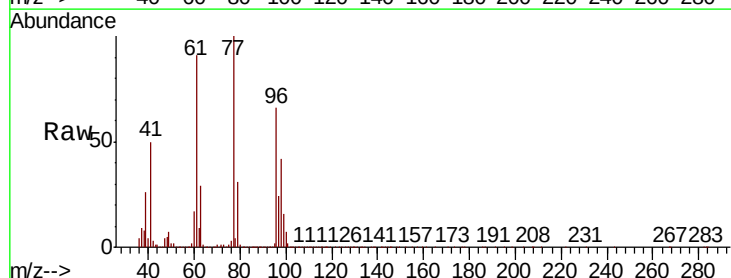
Acq: 29 Nov 2018 16:45

Tgt Ion: 77 Resp: 570169

Ion Ratio Lower Upper

77 100

97 25.1 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

200000

150000

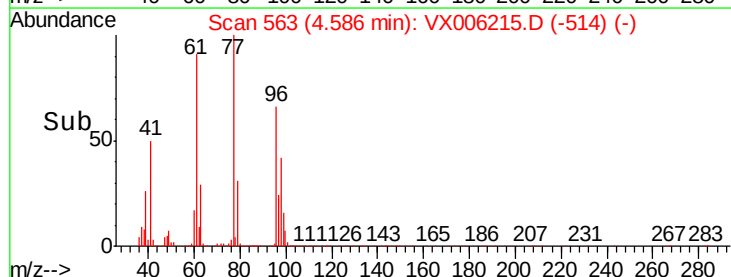
100000

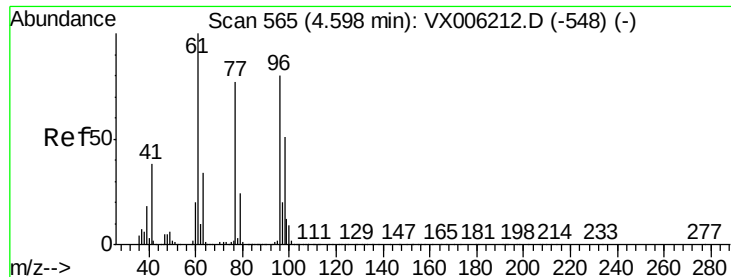
50000

0

4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 48.642 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

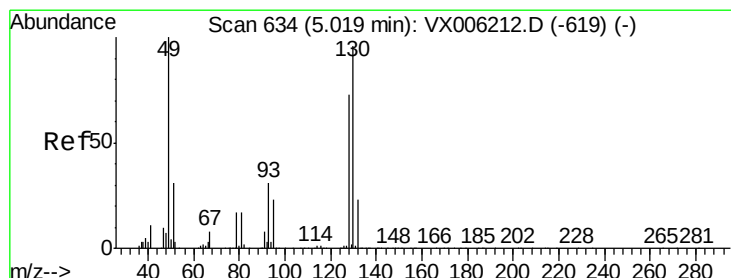
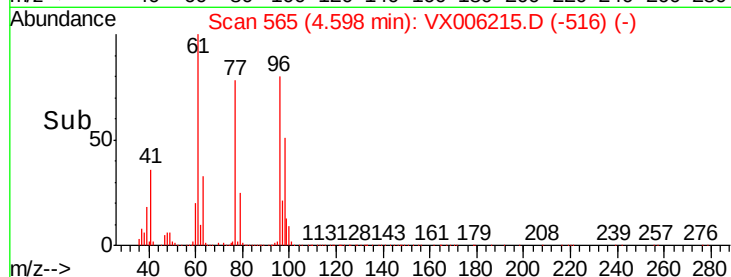
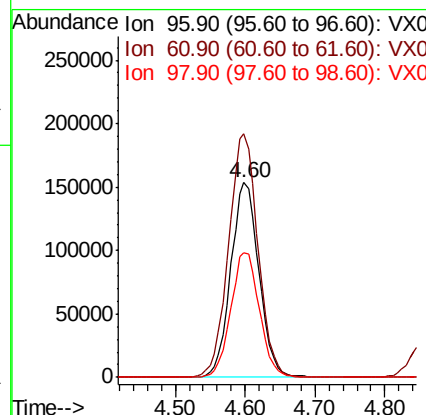
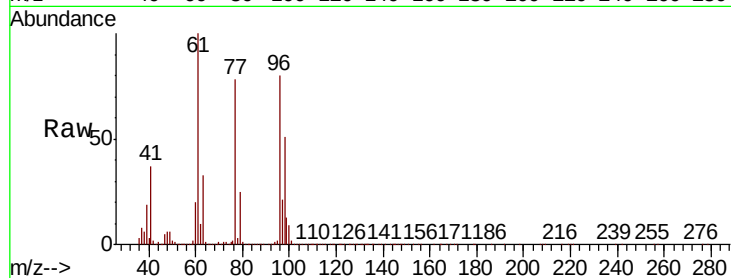
Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112918

Tgt Ion: 96 Resp: 427088

Ion	Ratio	Lower	Upper
96	100		
61	130.8	0.0	265.0
98	65.2	0.0	130.2



#28

Bromochloromethane

Concen: 50.999 ug/l

RT: 5.02 min Scan# 634

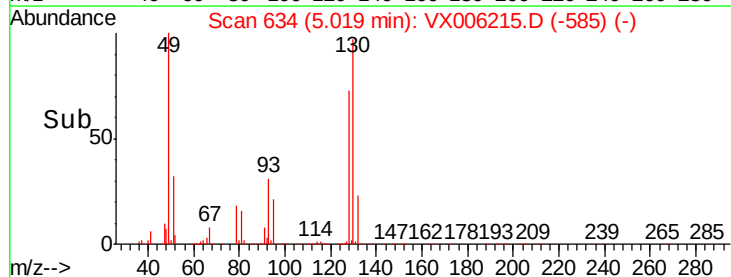
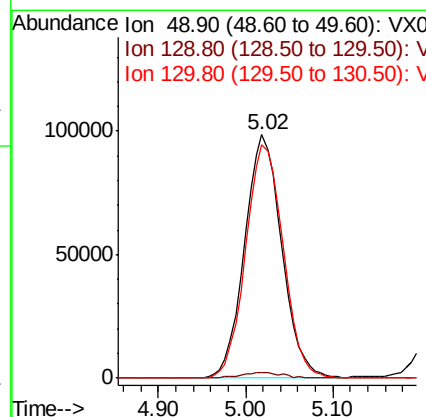
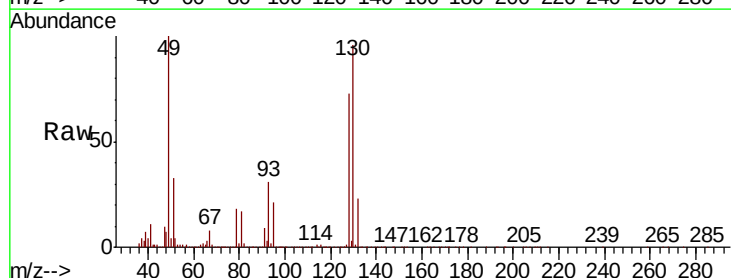
Delta R.T. -0.00 min

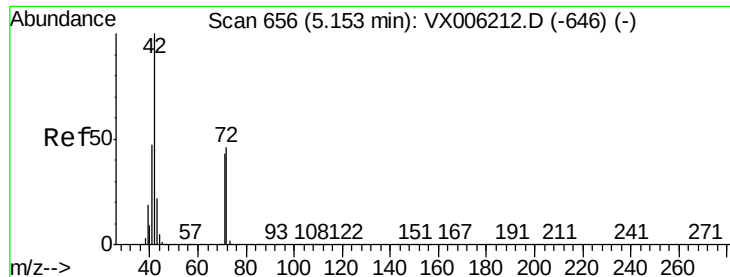
Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Tgt Ion: 49 Resp: 290183

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	97.6	78.3	117.5





#29

Tetrahydrofuran

Concen: 239.874 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112918

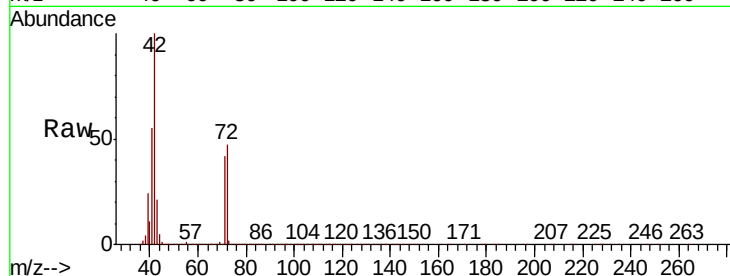
Tgt Ion: 42 Resp: 930265

Ion Ratio Lower Upper

42 100

72 46.8 37.8 56.8

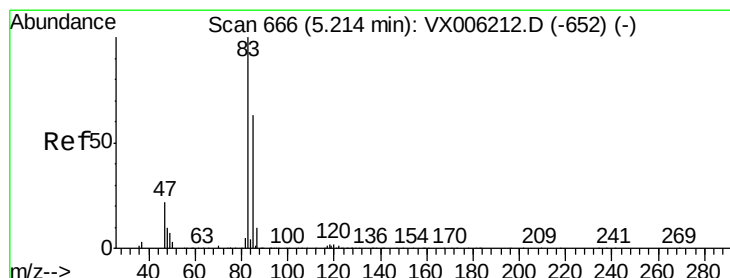
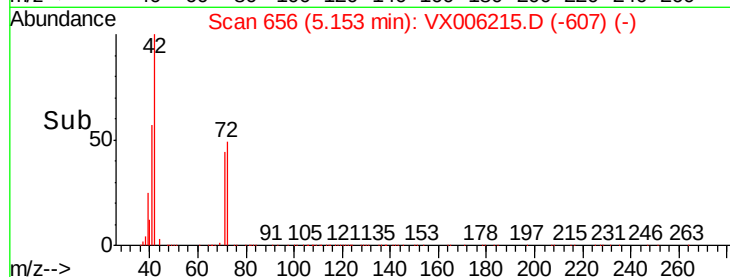
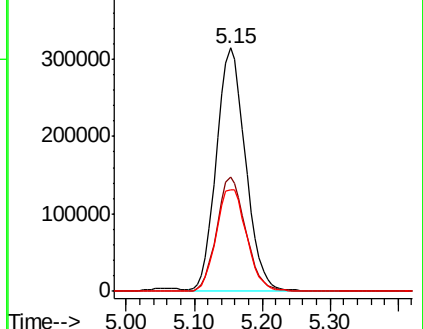
71 43.9 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.855 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006215.D

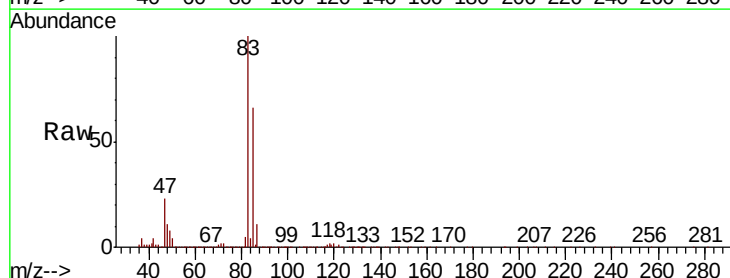
Acq: 29 Nov 2018 16:45

Tgt Ion: 83 Resp: 655111

Ion Ratio Lower Upper

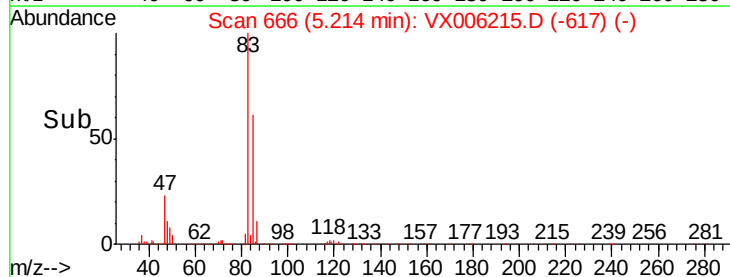
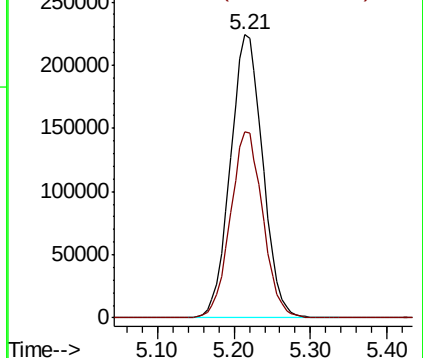
83 100

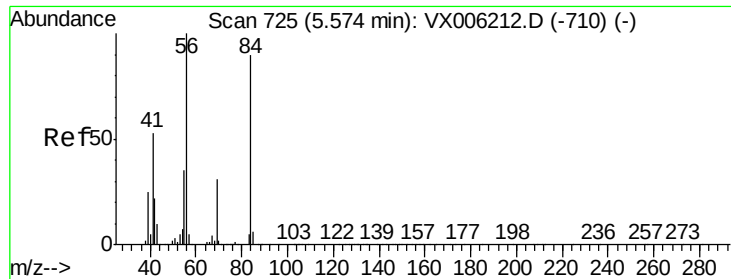
85 65.5 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

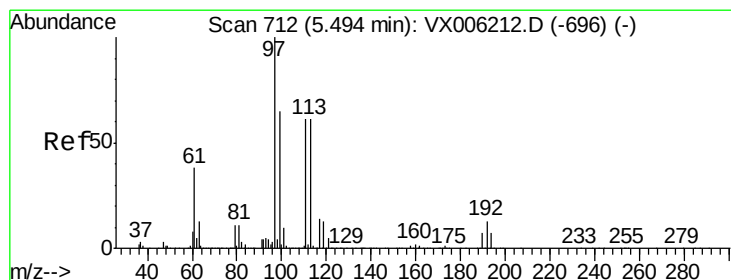
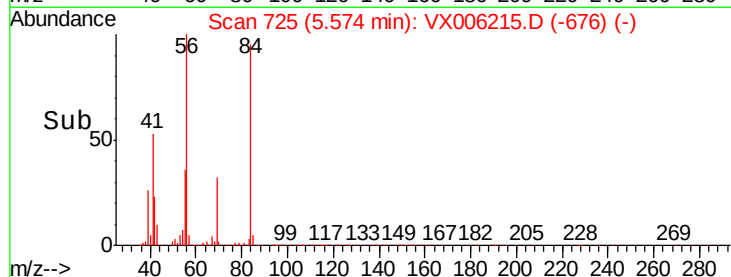
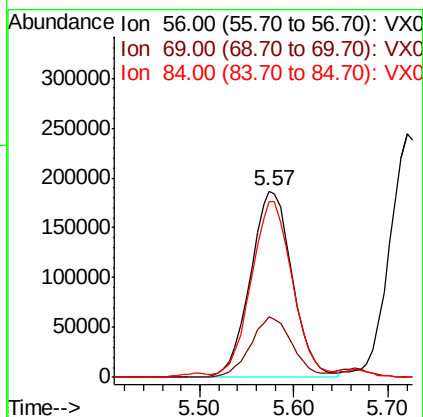
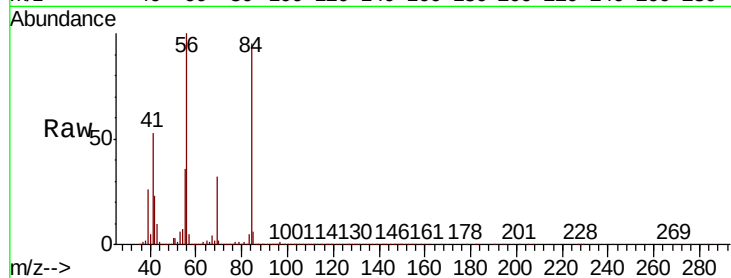




#31
Cyclohexane
Concen: 48.086 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006215.D
Acq: 29 Nov 2018 16:45

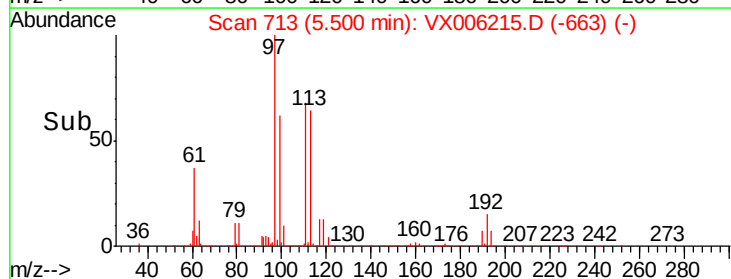
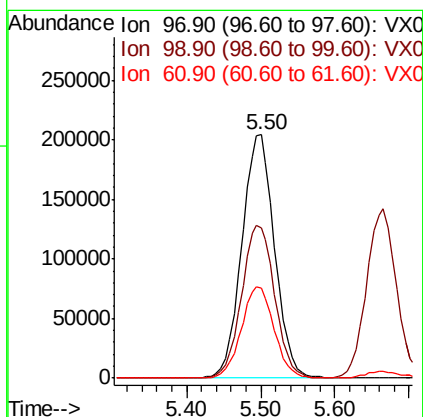
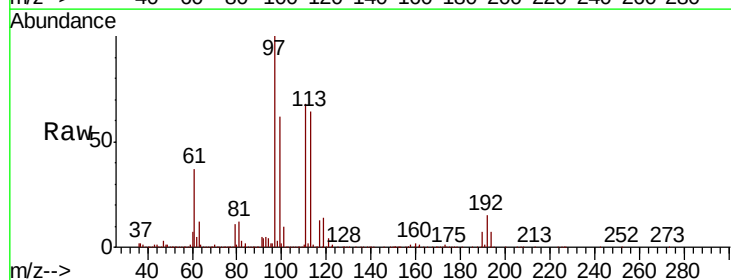
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112918

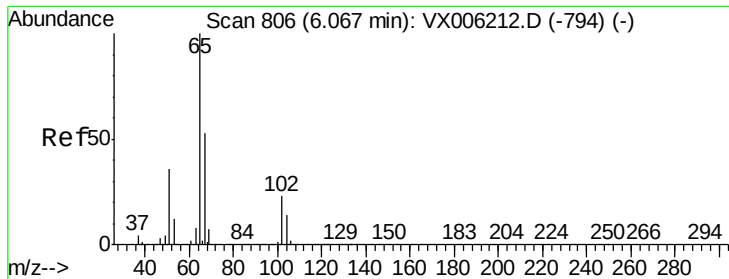
Tgt Ion: 56 Resp: 578893
Ion Ratio Lower Upper
56 100
69 32.1 24.5 36.7
84 93.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 48.066 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006215.D
Acq: 29 Nov 2018 16:45

Tgt Ion: 97 Resp: 626059
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 37.8 30.6 46.0

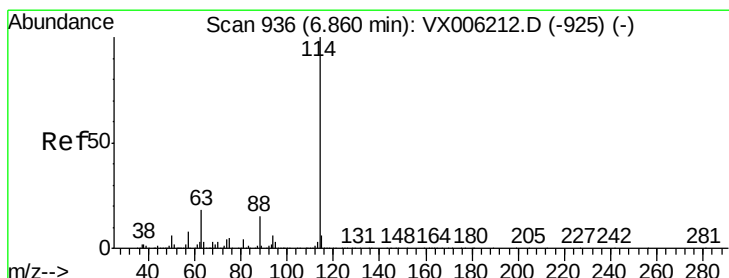
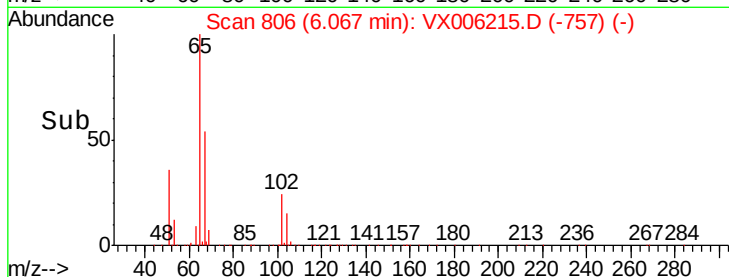
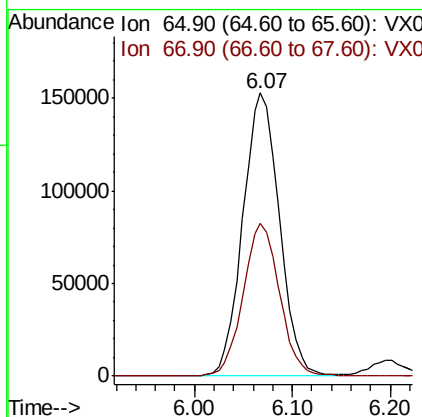
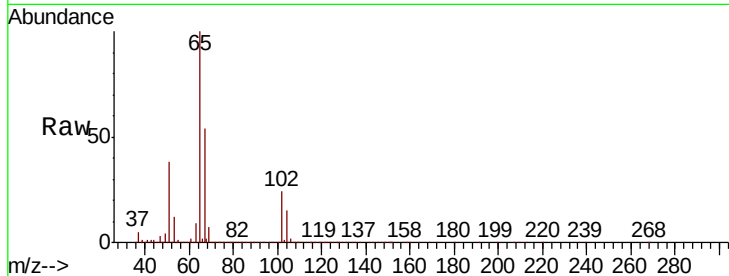




#33
 1,2-Dichloroethane-d4
 Concen: 47.694 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006215.D
 Acq: 29 Nov 2018 16:45

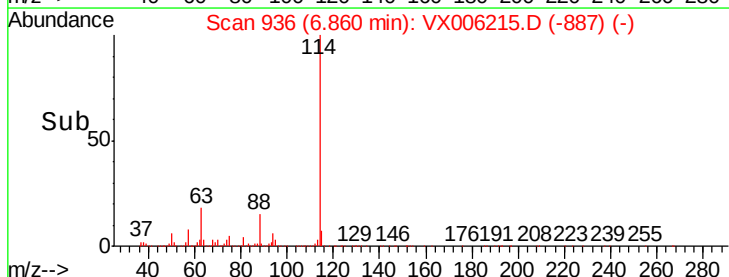
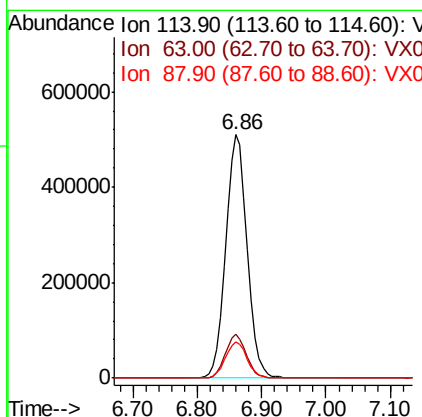
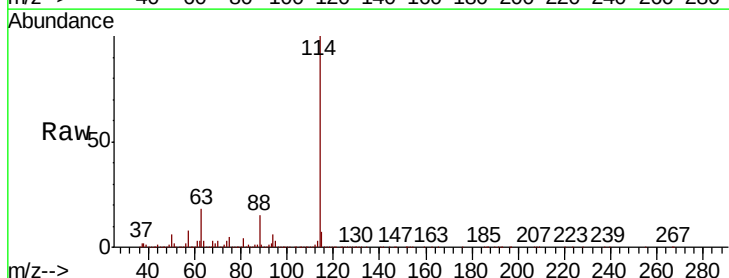
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112918

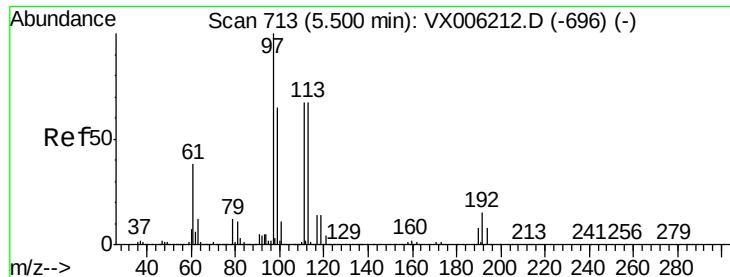
Tgt Ion: 65 Resp: 397448
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006215.D
 Acq: 29 Nov 2018 16:45

Tgt Ion: 114 Resp: 1191022
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.6
 88 14.8 0.0 29.0

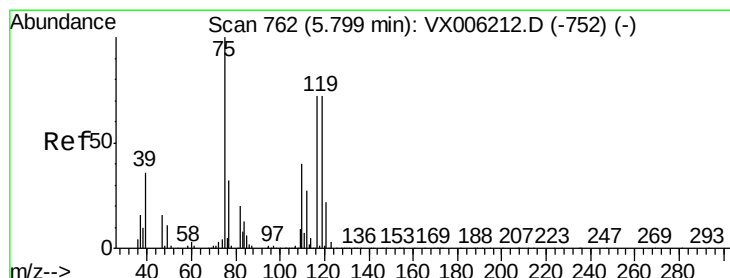
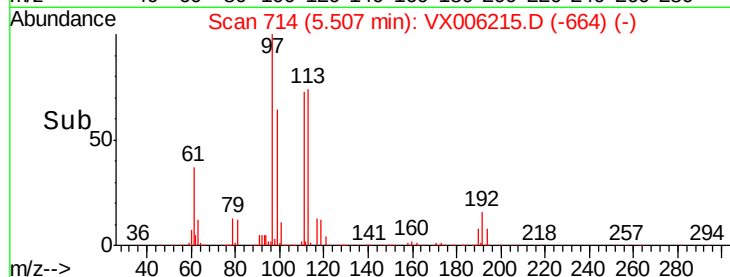
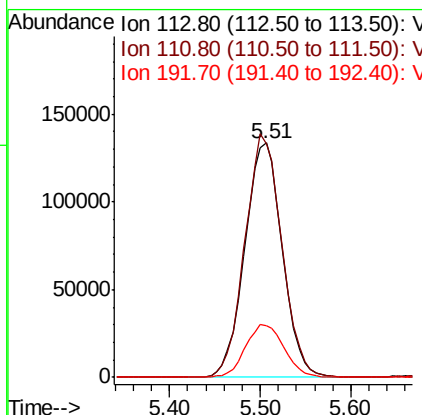
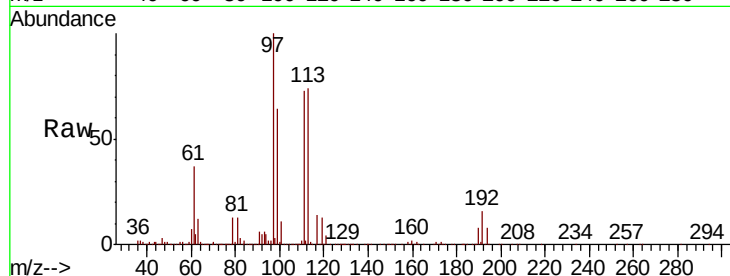




#35
 Dibromofluoromethane
 Concen: 49.629 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006215.D
 Acq: 29 Nov 2018 16:45

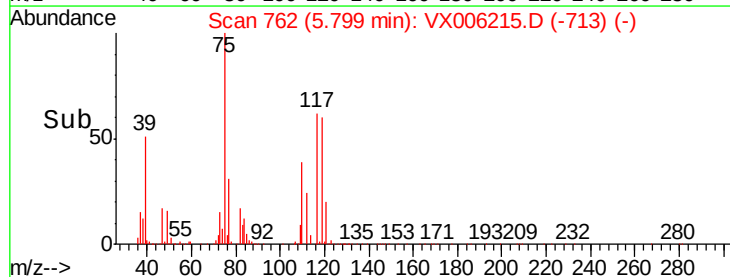
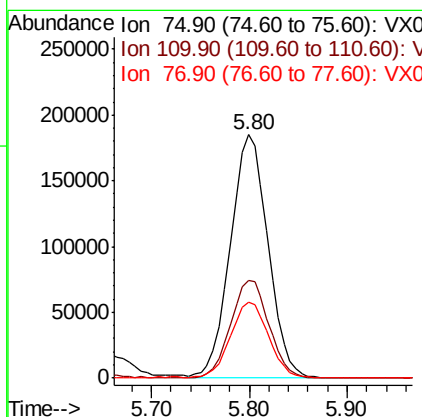
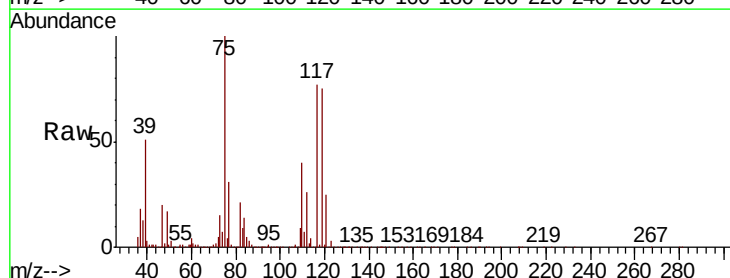
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112918

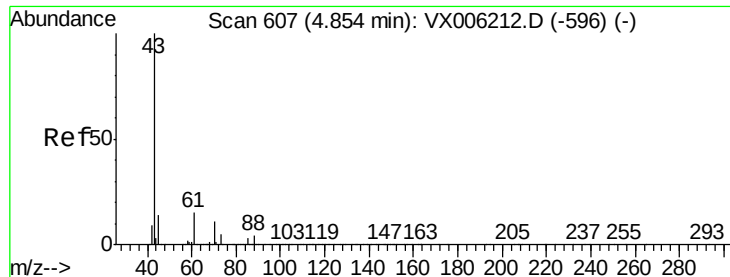
Tgt Ion:113 Resp: 382706
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.1 121.7
 192 23.2 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 49.044 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX006215.D
 Acq: 29 Nov 2018 16:45

Tgt Ion: 75 Resp: 491892
 Ion Ratio Lower Upper
 75 100
 110 41.1 20.4 61.3
 77 31.4 24.9 37.3

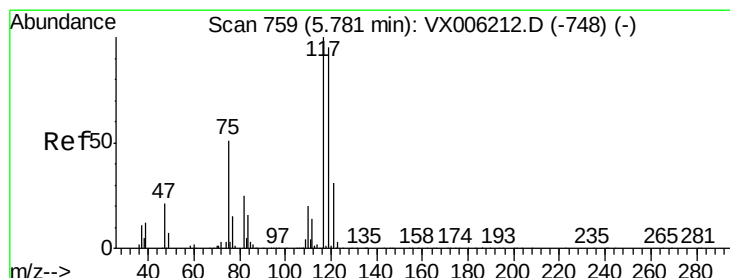
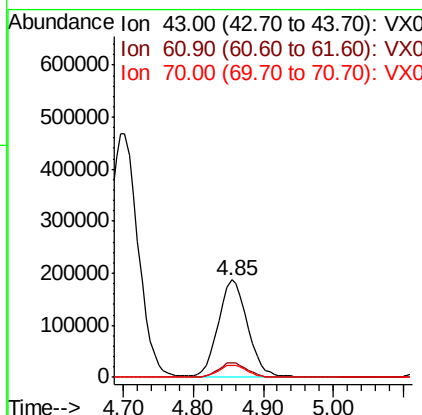
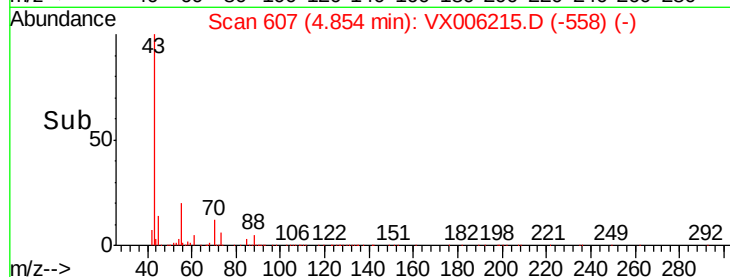
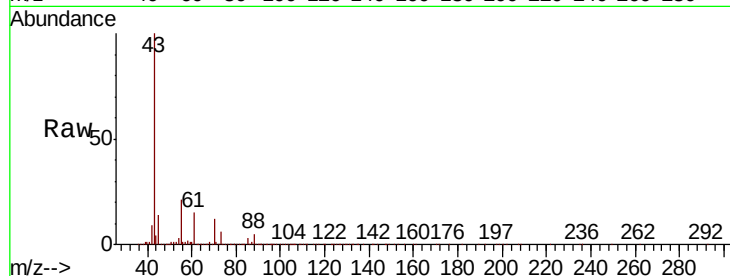




#37
Ethyl Acetate
Concen: 48.274 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006215.D
Acq: 29 Nov 2018 16:45

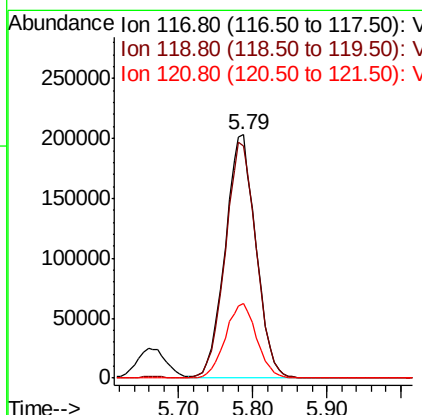
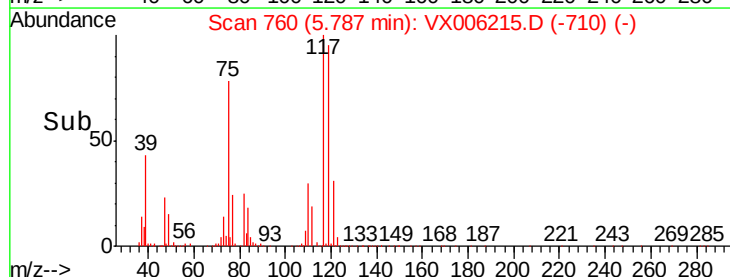
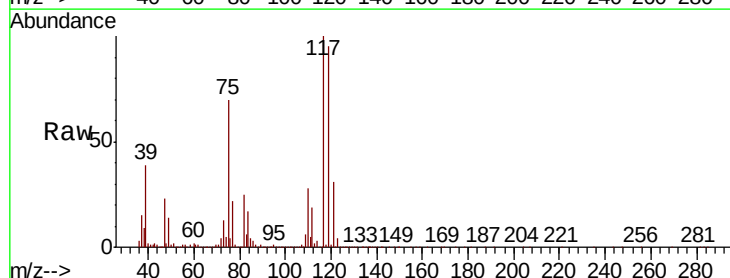
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112918

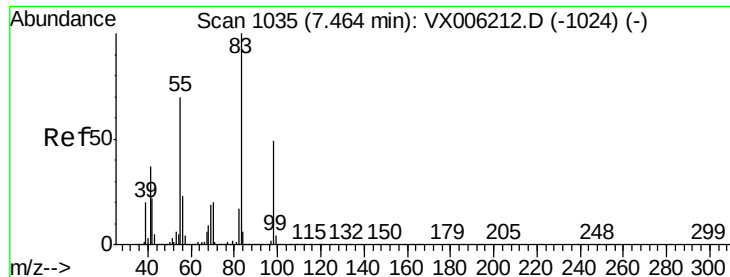
Tgt Ion: 43 Resp: 542211
Ion Ratio Lower Upper
43 100
61 14.6 11.5 17.3
70 12.0 9.0 13.6



#38
Carbon Tetrachloride
Concen: 49.445 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006215.D
Acq: 29 Nov 2018 16:45

Tgt Ion: 117 Resp: 583409
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.8
121 30.7 24.6 37.0

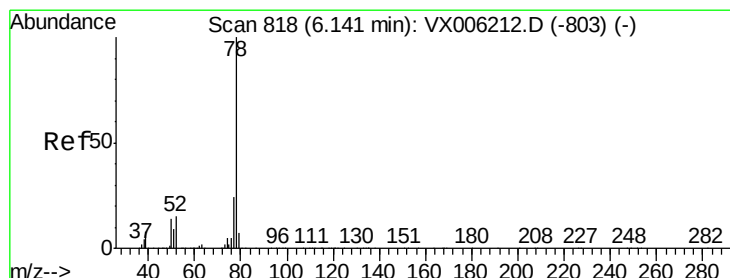
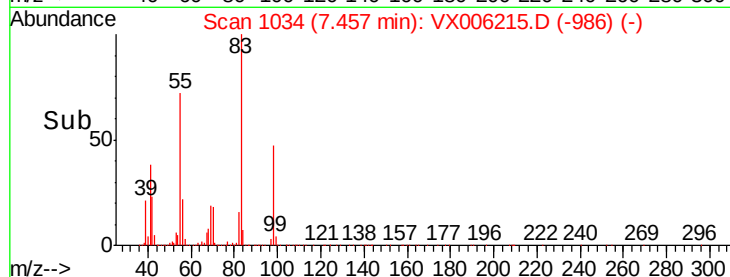
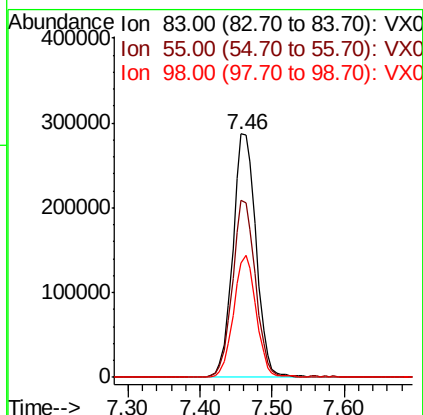
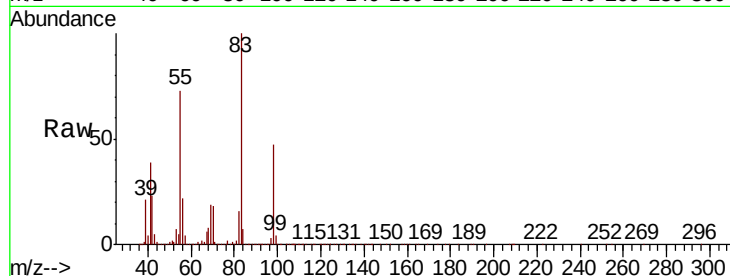




#39
Methylcyclohexane
Concen: 49.389 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006215.D
Acq: 29 Nov 2018 16:45

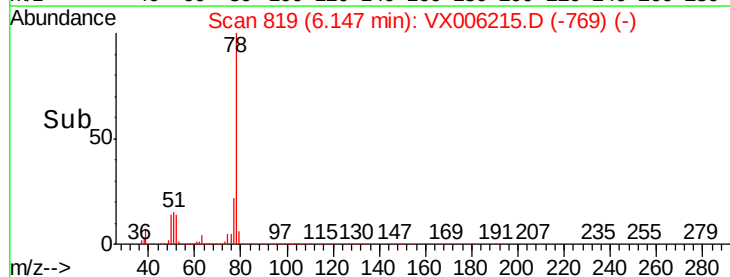
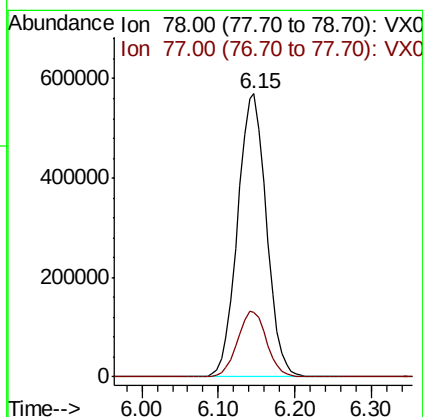
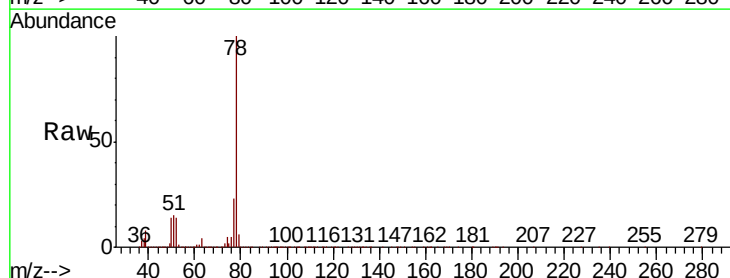
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112918

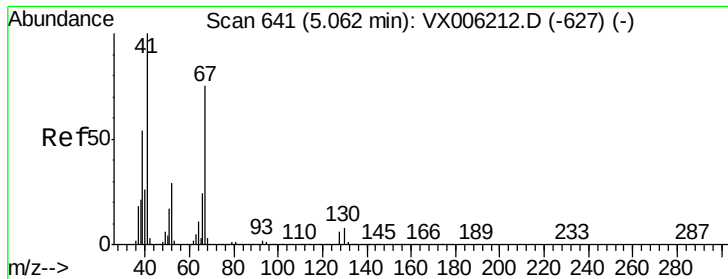
Tgt Ion: 83 Resp: 642991
Ion Ratio Lower Upper
83 100
55 72.4 56.4 84.6
98 47.1 39.0 58.6



#40
Benzene
Concen: 49.503 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006215.D
Acq: 29 Nov 2018 16:45

Tgt Ion: 78 Resp: 1487050
Ion Ratio Lower Upper
78 100
77 22.8 19.2 28.8





#41

Methacrylonitrile

Concen: 47.695 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112918

Tgt Ion: 41 Resp: 294770

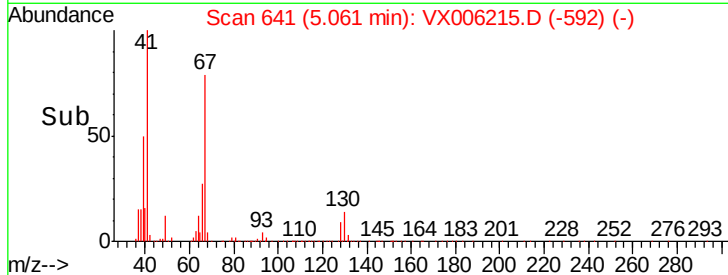
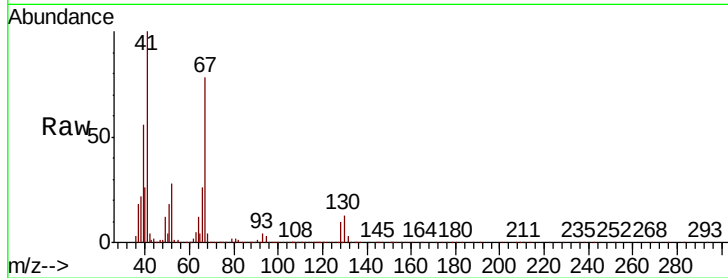
Ion Ratio Lower Upper

41 100

39 54.7 44.0 66.0

67 76.5 61.4 92.0

52 29.8 23.5 35.3

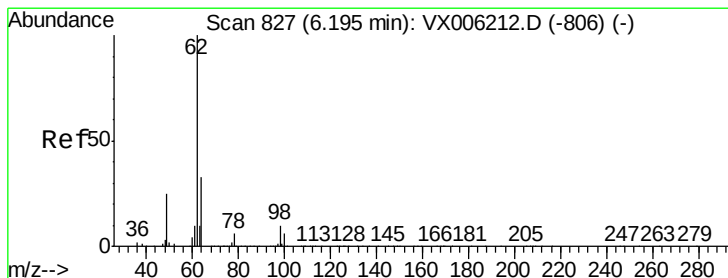
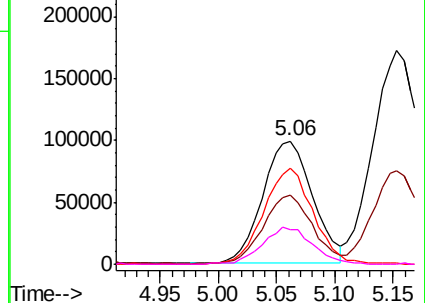


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.559 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006215.D

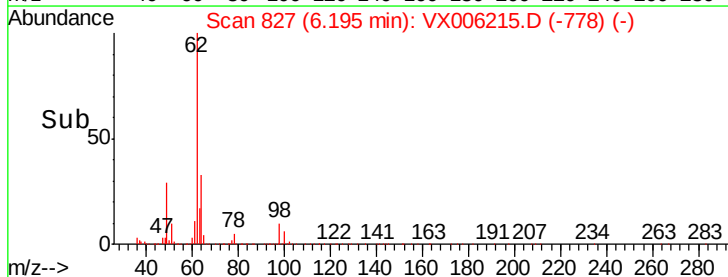
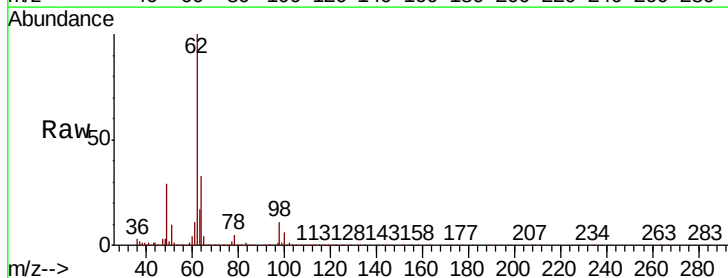
Acq: 29 Nov 2018 16:45

Tgt Ion: 62 Resp: 487234

Ion Ratio Lower Upper

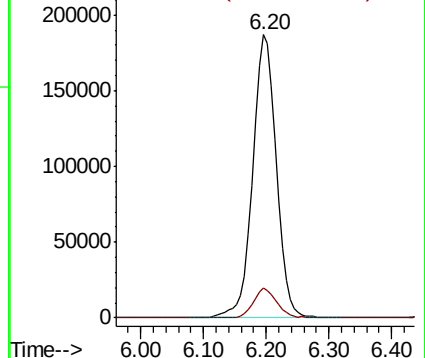
62 100

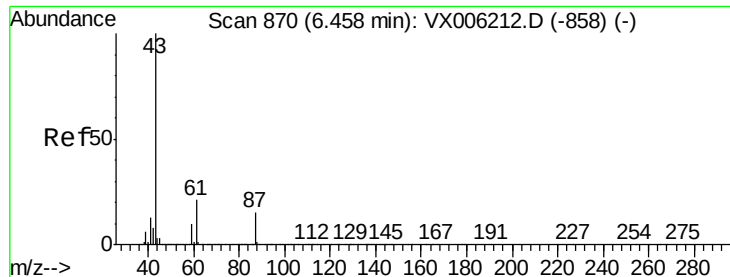
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.404 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112918

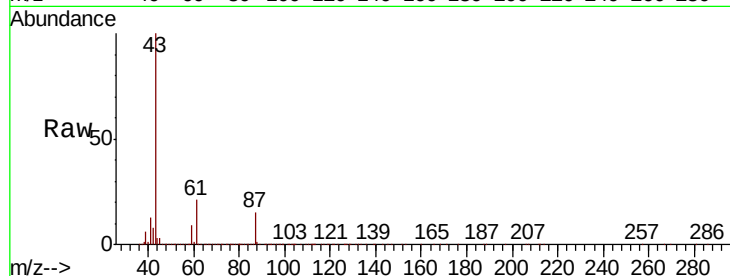
Tgt Ion: 43 Resp: 906458

Ion Ratio Lower Upper

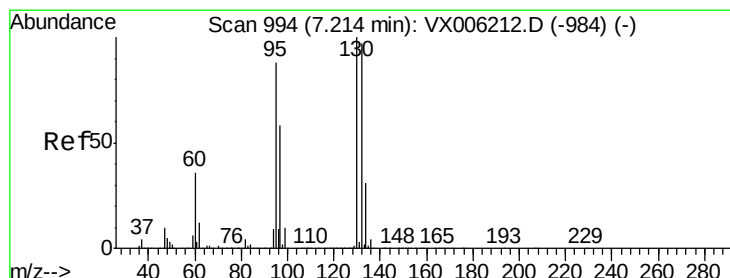
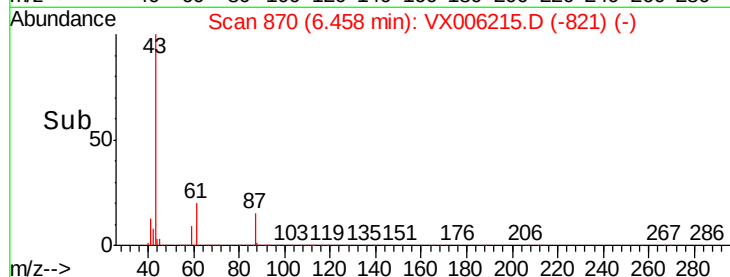
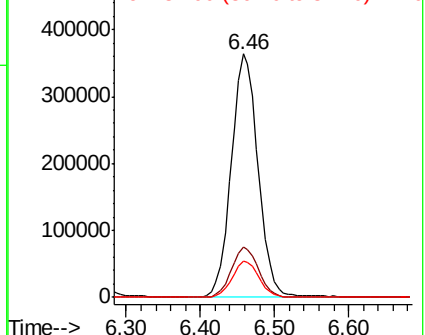
43 100

61 21.0 16.8 25.2

87 15.0 11.9 17.9



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



#44

Trichloroethene

Concen: 49.118 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006215.D

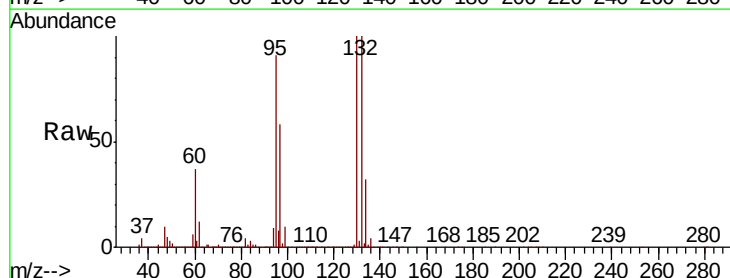
Acq: 29 Nov 2018 16:45

Tgt Ion: 130 Resp: 446992

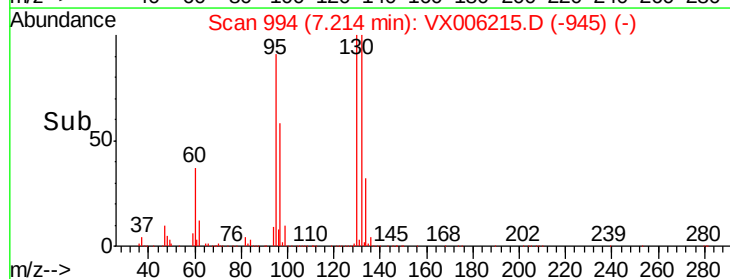
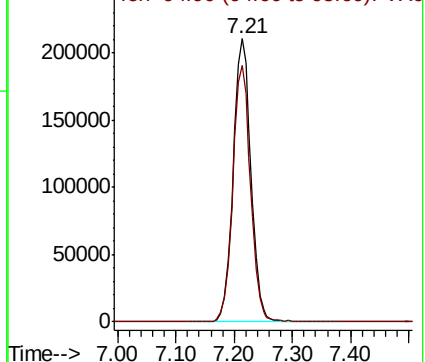
Ion Ratio Lower Upper

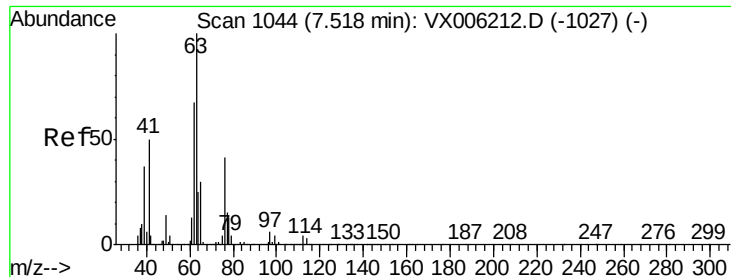
130 100

95 90.5 0.0 175.8



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





#45

1,2-Dichloropropane

Concen: 48.463 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

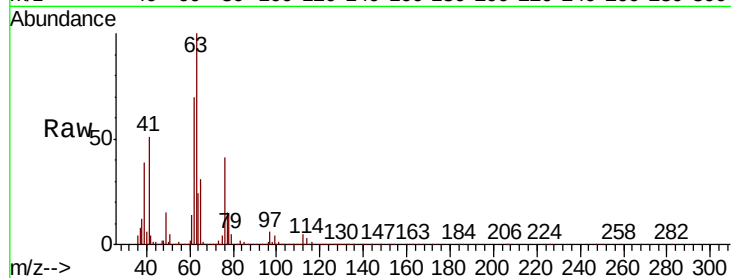
ICVVX112918

Tgt Ion: 63 Resp: 369998

Ion Ratio Lower Upper

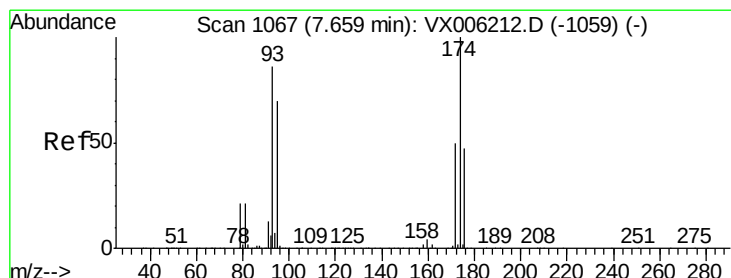
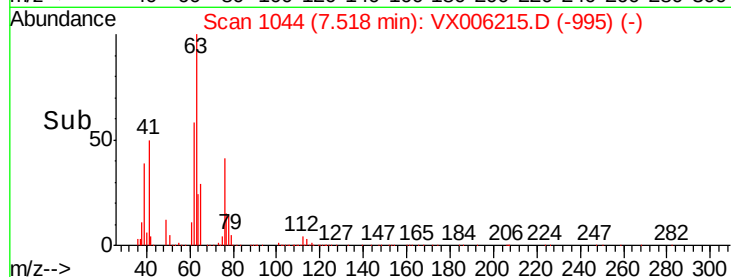
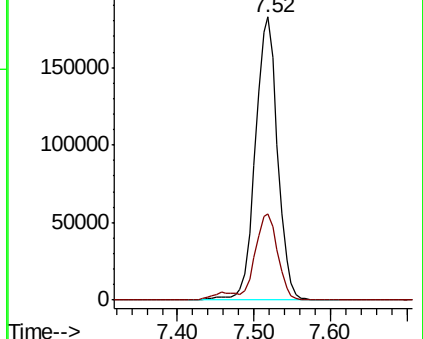
63 100

65 30.5 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.505 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

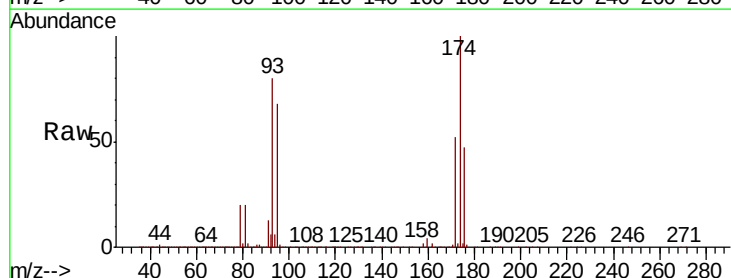
Tgt Ion: 93 Resp: 272962

Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

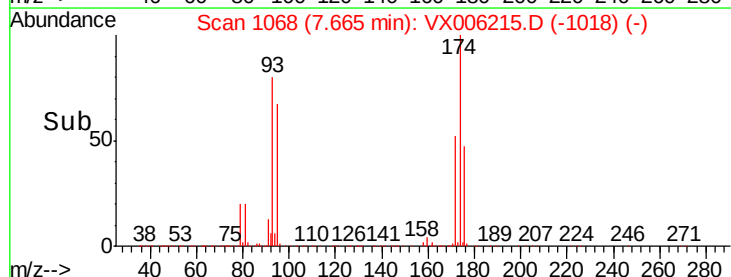
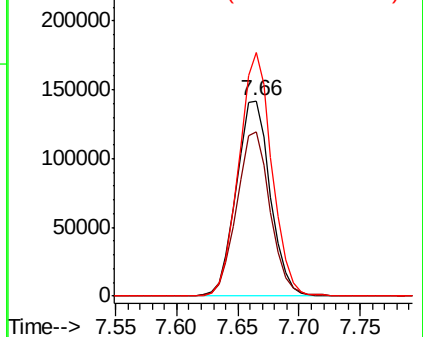
174 121.5 97.2 145.8

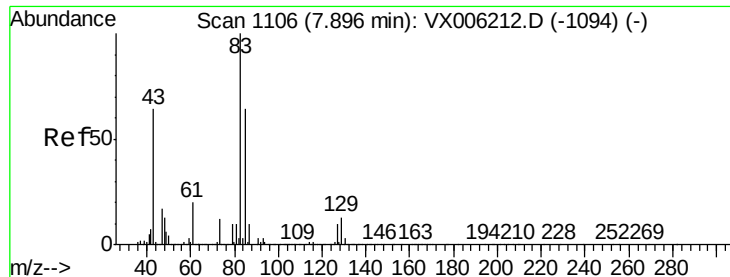


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.572 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112918

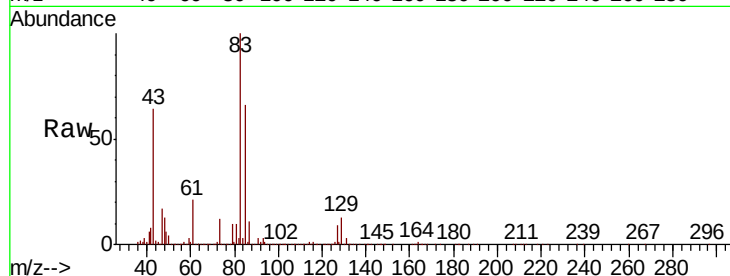
Tgt Ion: 83 Resp: 529317

Ion Ratio Lower Upper

83 100

85 65.8 51.4 77.0

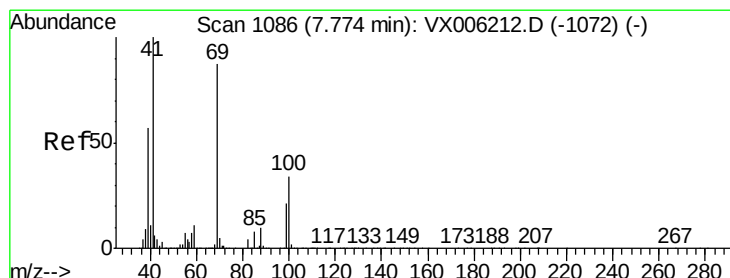
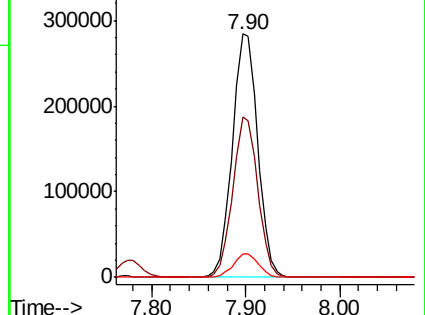
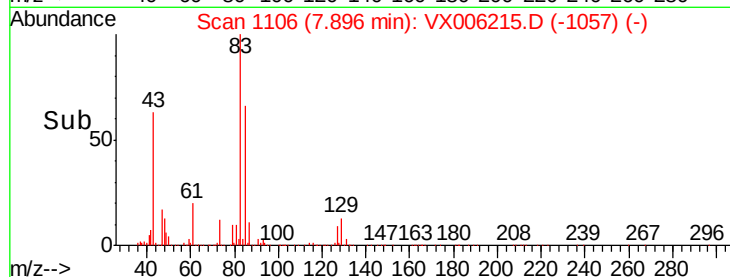
127 9.4 7.9 11.9



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: 48.974 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

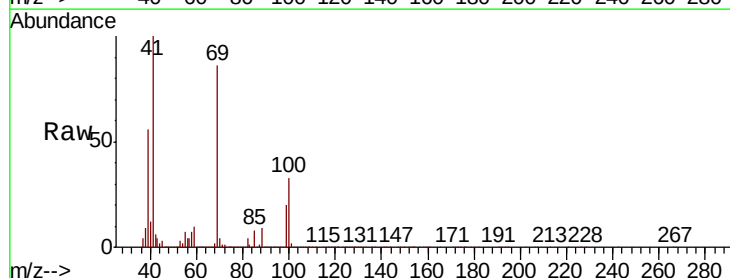
Tgt Ion: 41 Resp: 446172

Ion Ratio Lower Upper

41 100

69 87.9 70.3 105.5

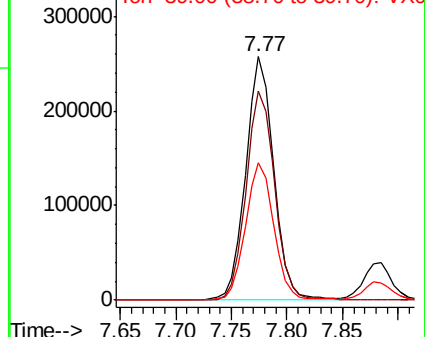
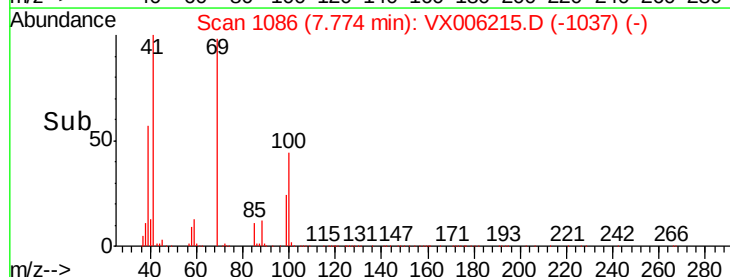
39 57.3 45.3 67.9

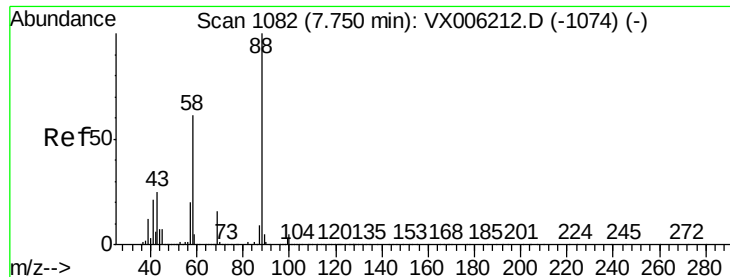


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 966.241 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112918

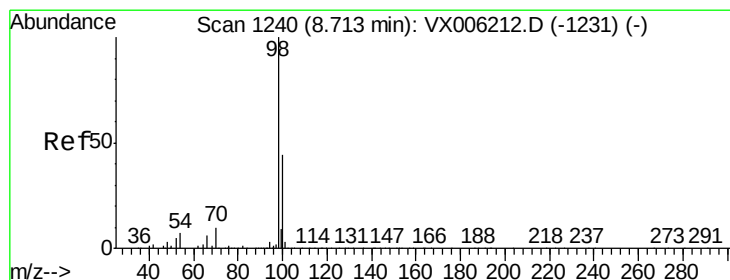
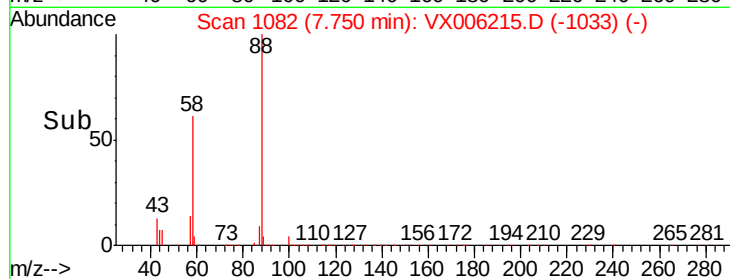
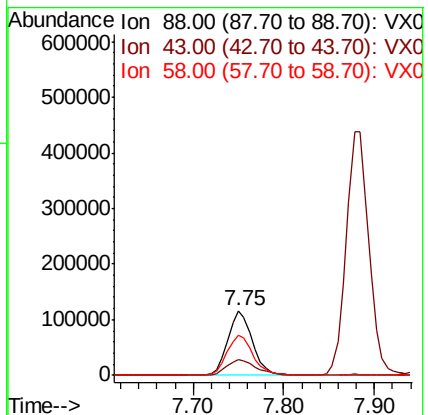
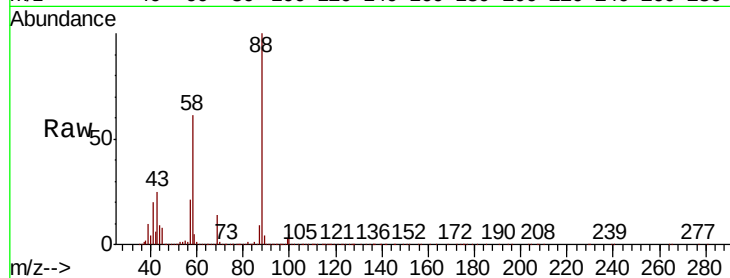
Tgt Ion: 88 Resp: 216958

Ion Ratio Lower Upper

88 100

43 28.2 23.2 34.8

58 65.9 51.4 77.0



#50

Toluene-d8

Concen: 49.184 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006215.D

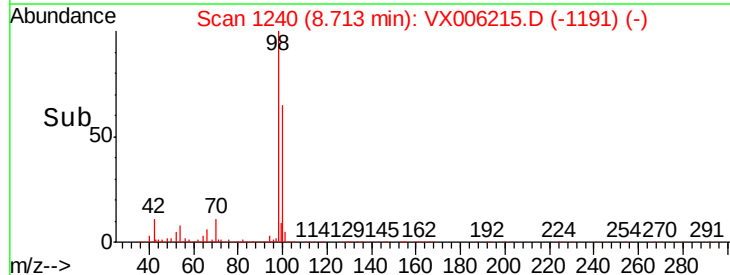
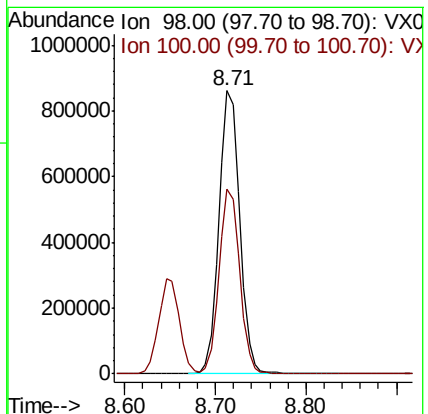
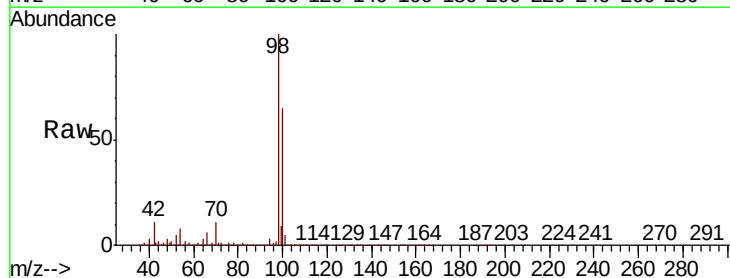
Acq: 29 Nov 2018 16:45

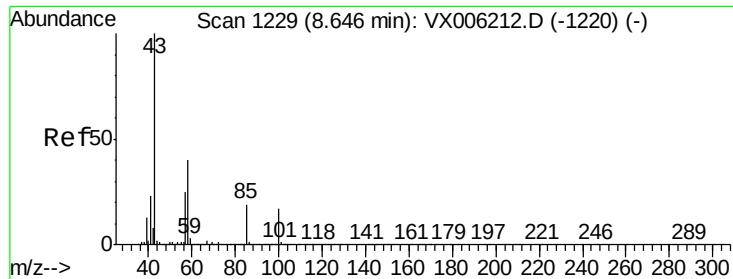
Tgt Ion: 98 Resp: 1379578

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2

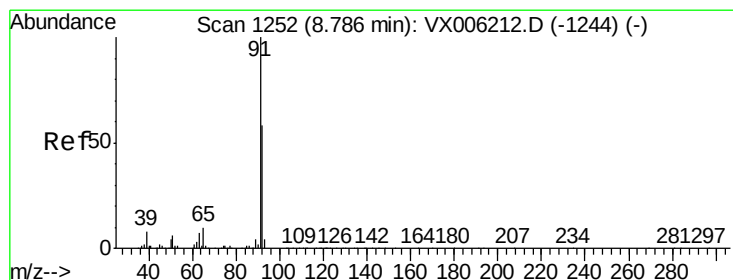
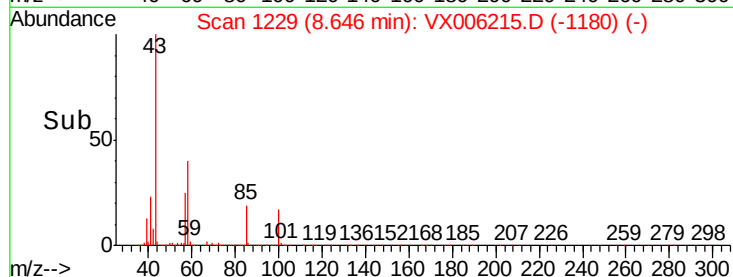
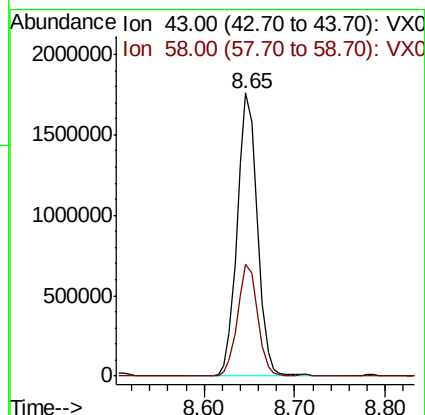
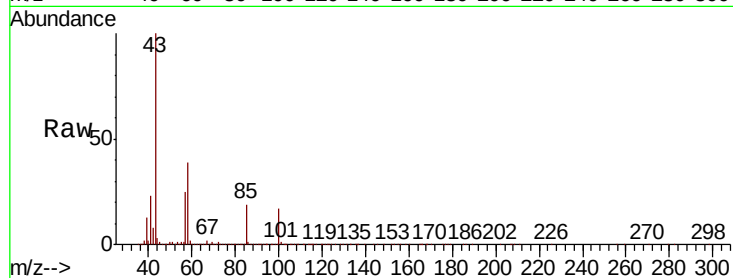




#51
 4-Methyl-2-Pentanone
 Concen: 248.770 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX006215.D
 Acq: 29 Nov 2018 16:45

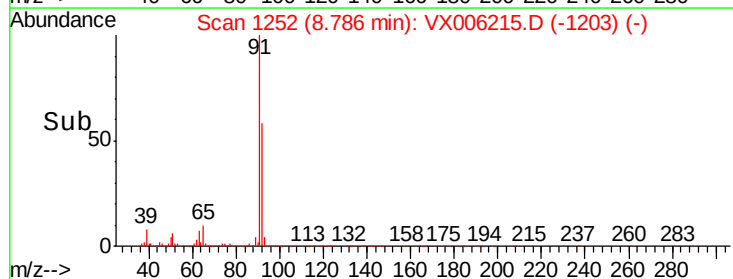
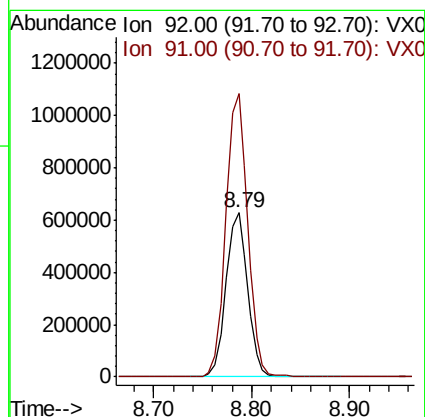
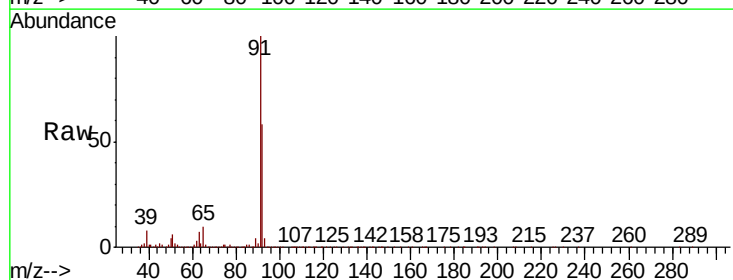
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112918

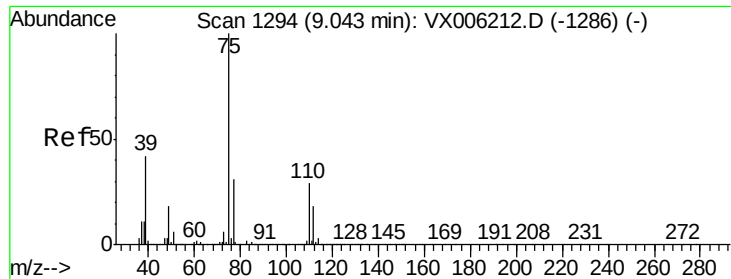
Tgt Ion: 43 Resp: 2712016
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.3 46.9



#52
 Toluene
 Concen: 48.916 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX006215.D
 Acq: 29 Nov 2018 16:45

Tgt Ion: 92 Resp: 966734
 Ion Ratio Lower Upper
 92 100
 91 173.4 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 49.796 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

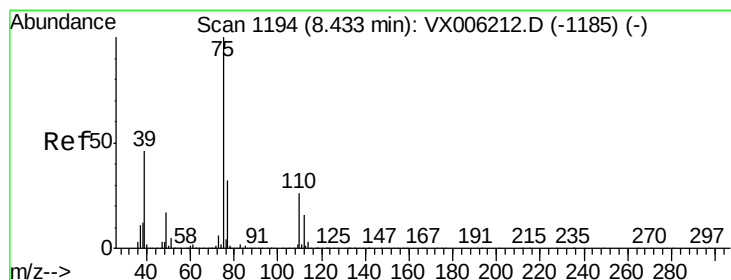
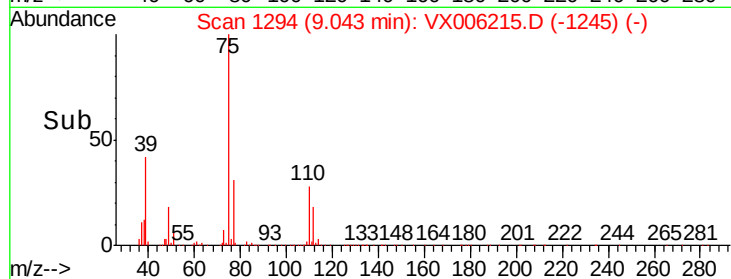
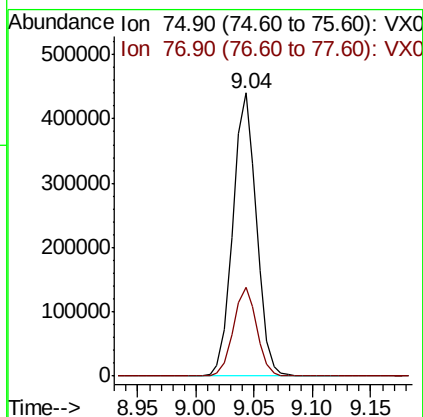
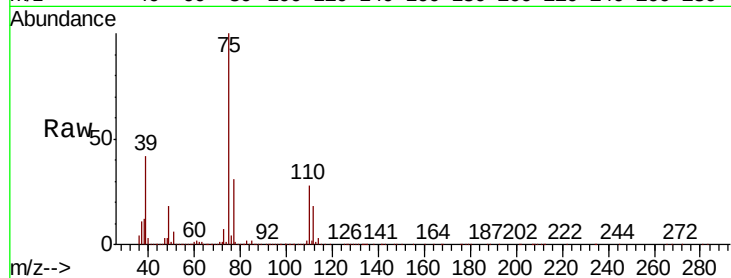
ICVVX112918

Tgt Ion: 75 Resp: 621840

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 49.117 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

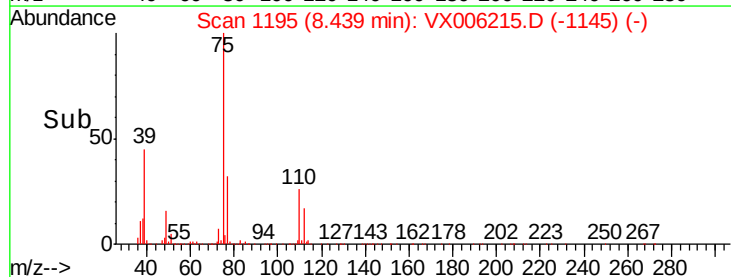
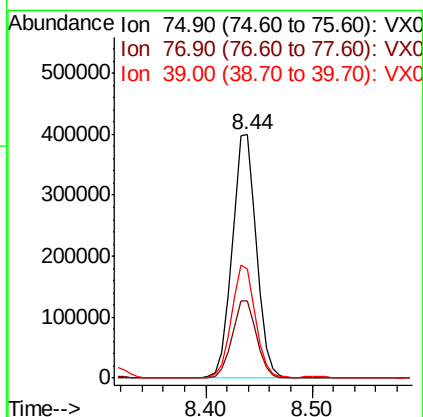
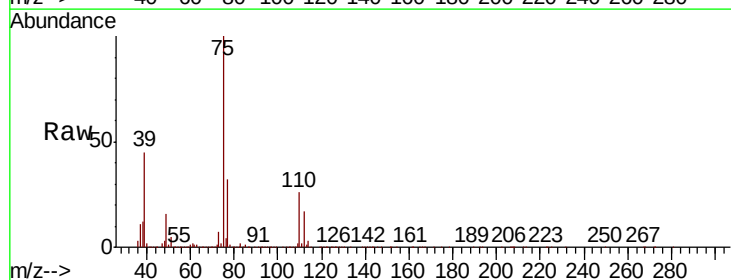
Tgt Ion: 75 Resp: 636899

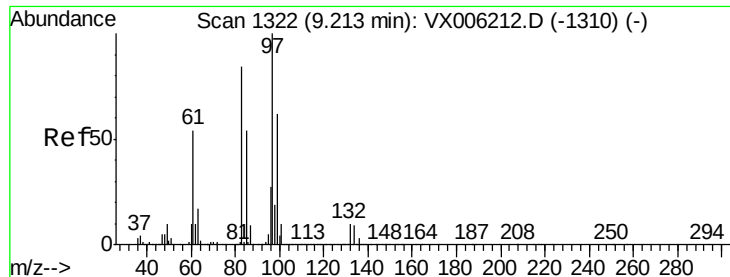
Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

39 44.6 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 50.054 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112918

Tgt Ion: 97 Resp: 401877

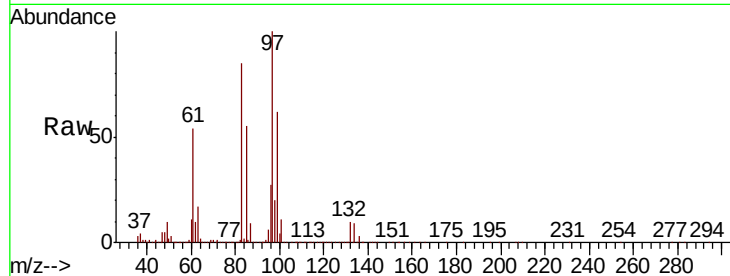
Ion Ratio Lower Upper

97 100

83 84.8 67.1 100.7

85 54.7 43.2 64.8

99 61.8 49.8 74.6



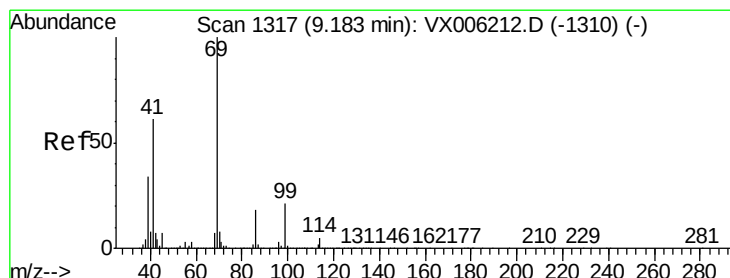
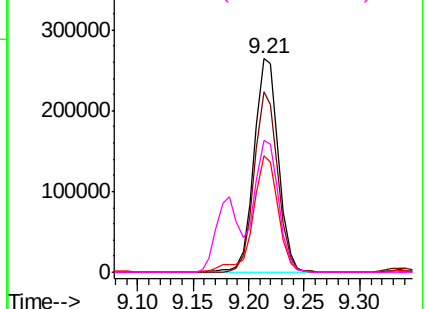
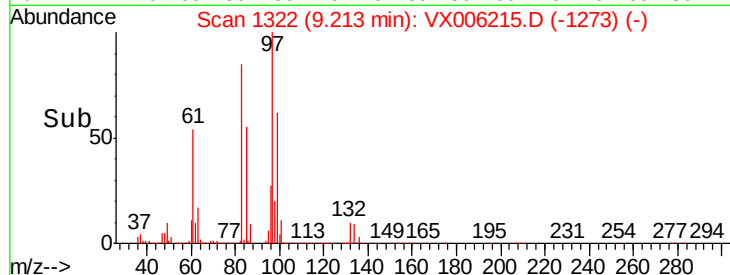
Abundance

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: 49.615 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

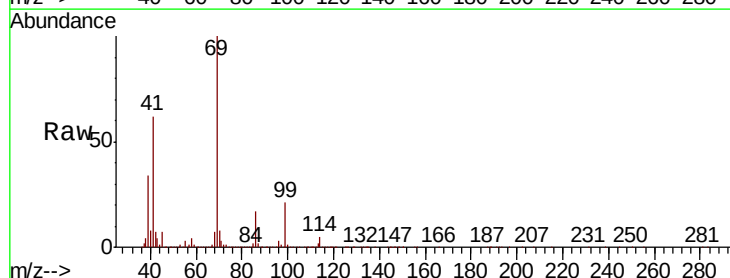
Tgt Ion: 69 Resp: 622752

Ion Ratio Lower Upper

69 100

41 63.4 50.6 76.0

39 34.2 27.6 41.4

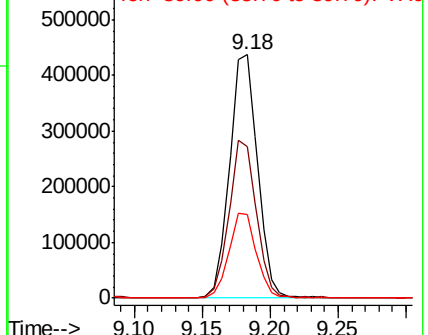
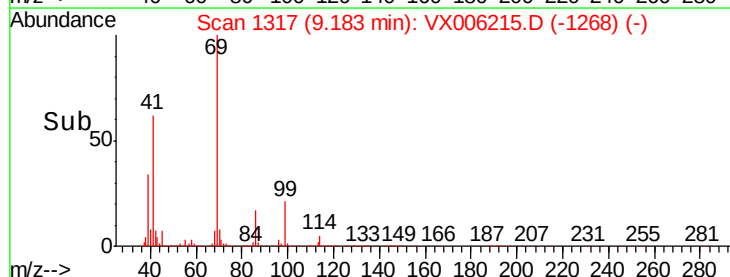


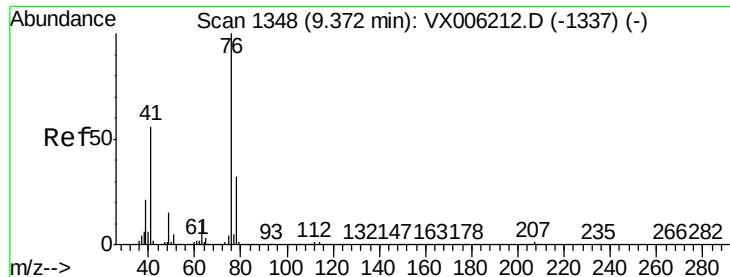
Abundance

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

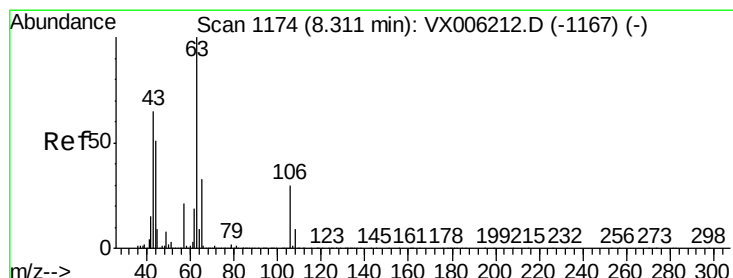
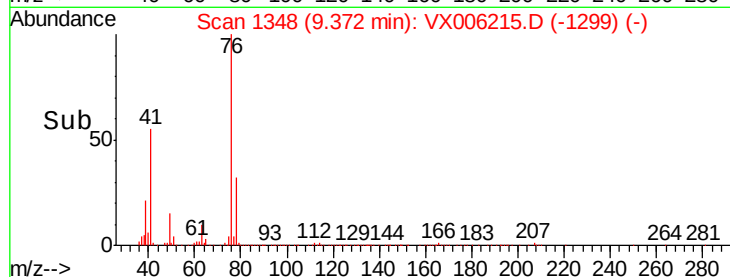
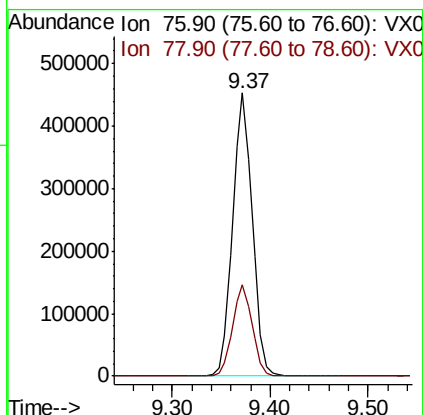
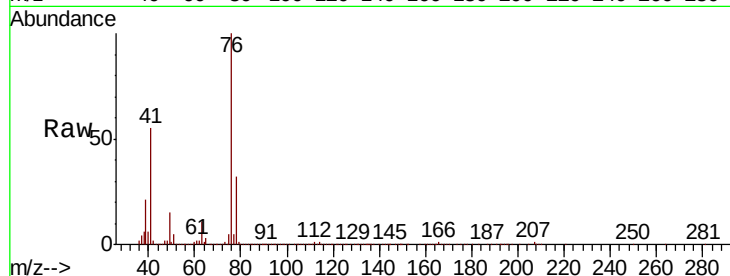




#57
 1,3-Dichloropropane
 Concen: 49.738 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006215.D
 Acq: 29 Nov 2018 16:45

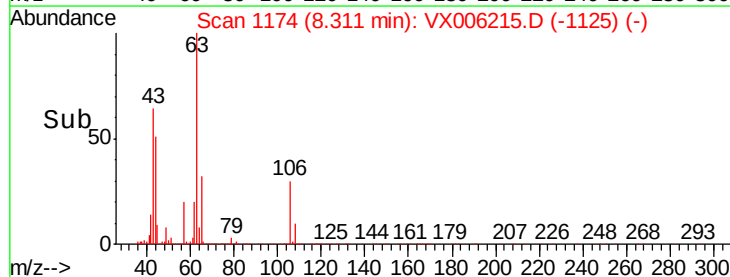
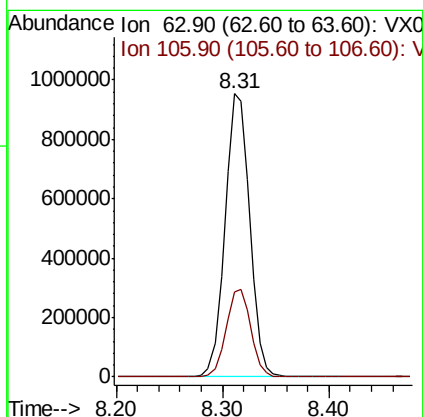
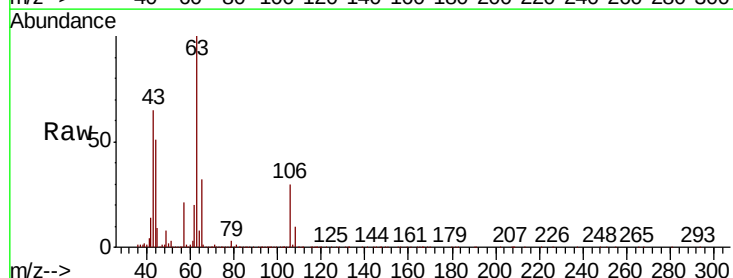
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112918

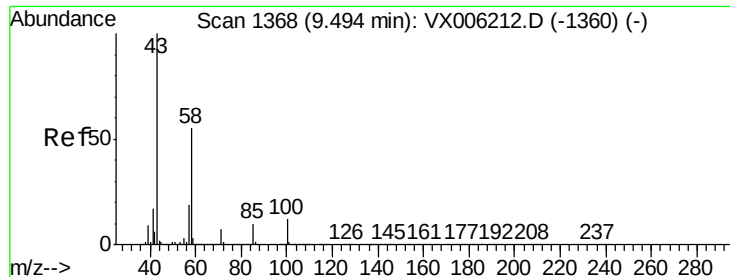
Tgt Ion: 76 Resp: 631478
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 242.154 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX006215.D
 Acq: 29 Nov 2018 16:45

Tgt Ion: 63 Resp: 1542365
 Ion Ratio Lower Upper
 63 100
 106 30.9 24.9 37.3

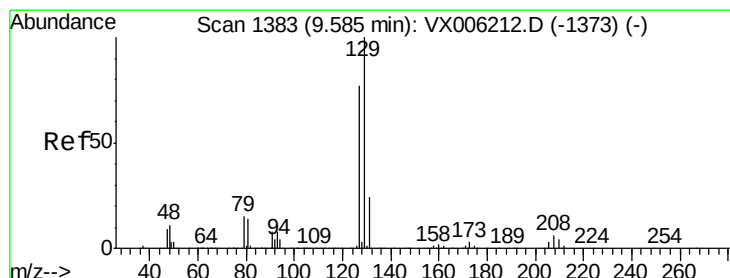
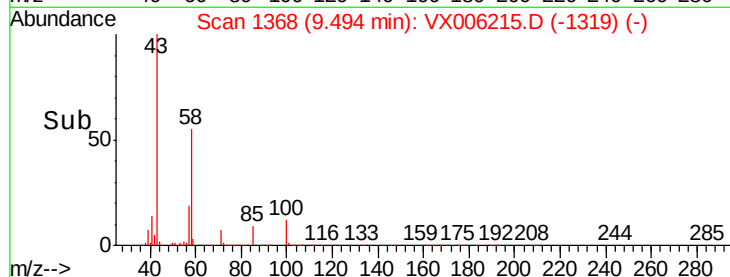
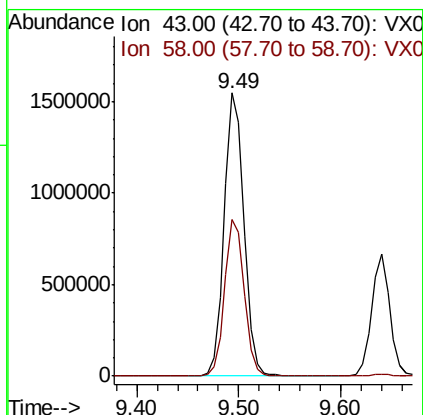
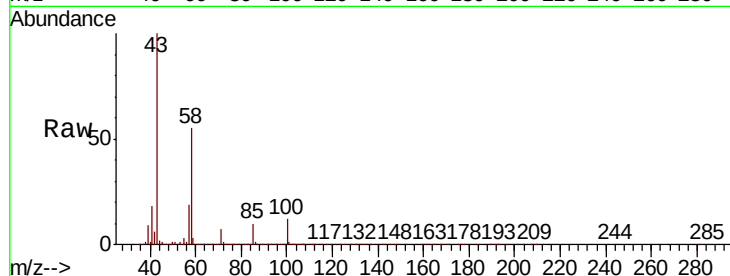




#59
2-Hexanone
Concen: 248.847 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006215.D
Acq: 29 Nov 2018 16:45

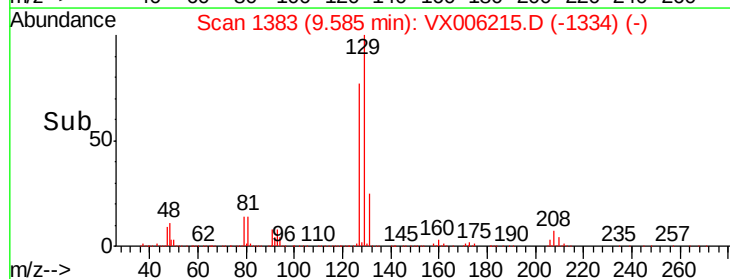
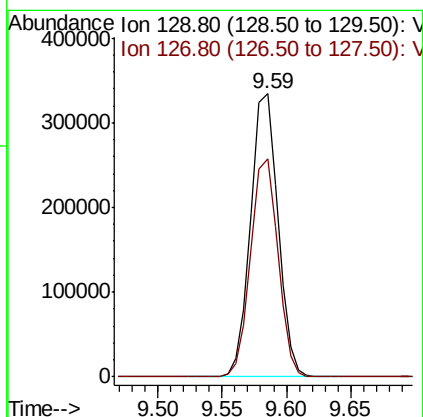
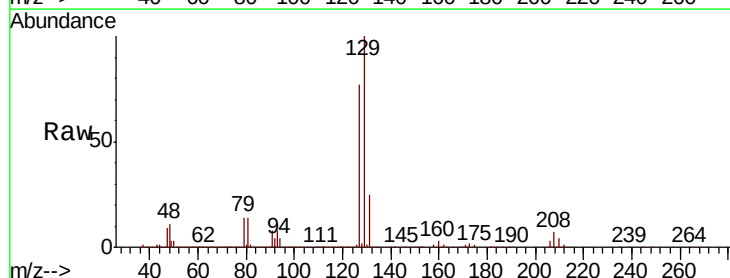
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112918

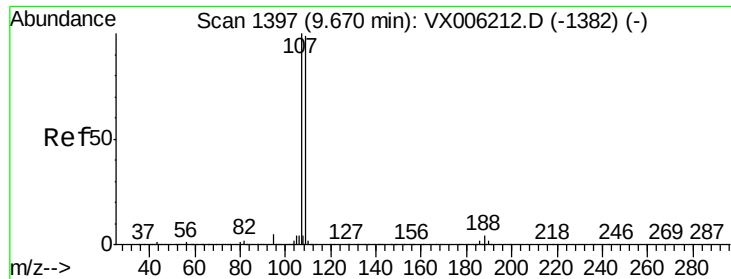
Tgt Ion: 43 Resp: 2072624
Ion Ratio Lower Upper
43 100
58 54.9 27.7 83.1



#60
Dibromochloromethane
Concen: 49.508 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006215.D
Acq: 29 Nov 2018 16:45

Tgt Ion: 129 Resp: 490140
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 48.769 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

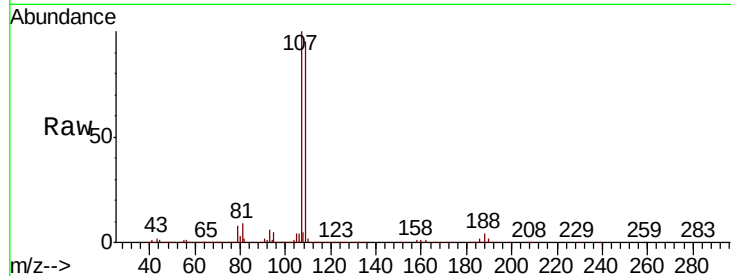
ICVVX112918

Tgt Ion: 107 Resp: 437824

Ion Ratio Lower Upper

107 100

109 95.8 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

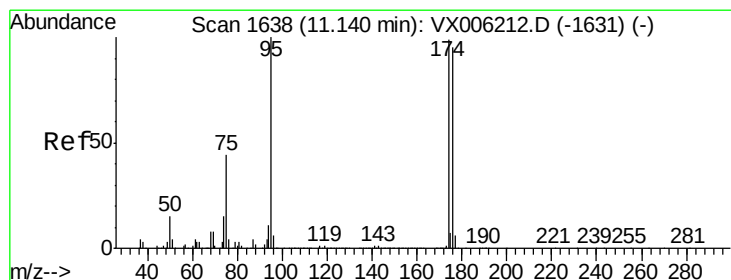
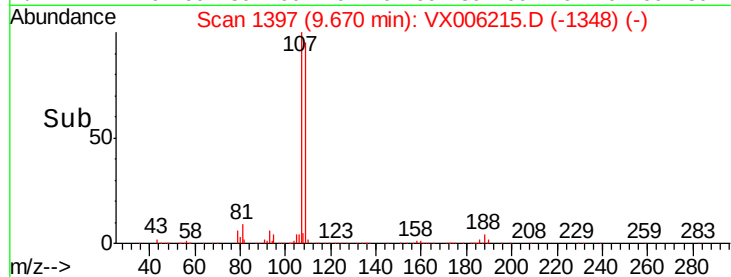
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.649 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

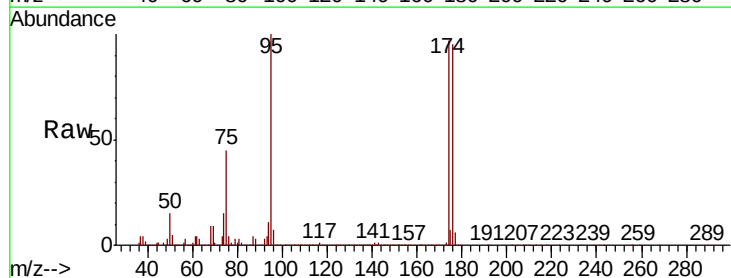
Tgt Ion: 95 Resp: 535354

Ion Ratio Lower Upper

95 100

174 93.5 0.0 187.0

176 91.0 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

11.14

500000

400000

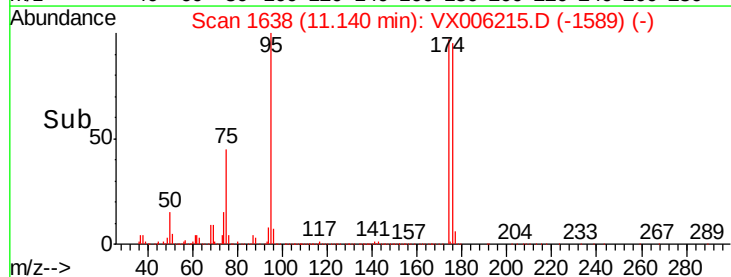
300000

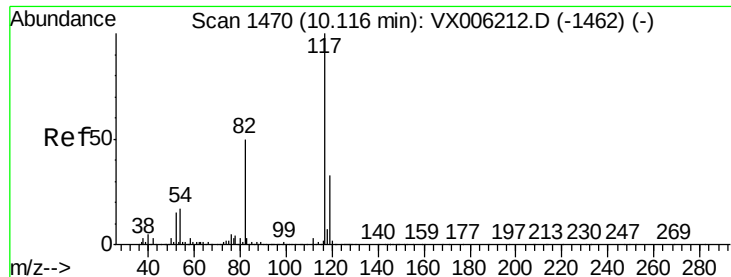
200000

100000

0

Time-->

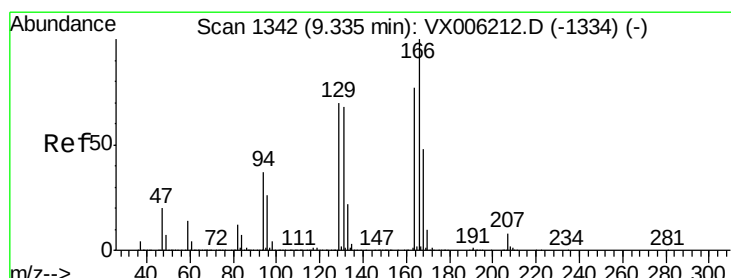
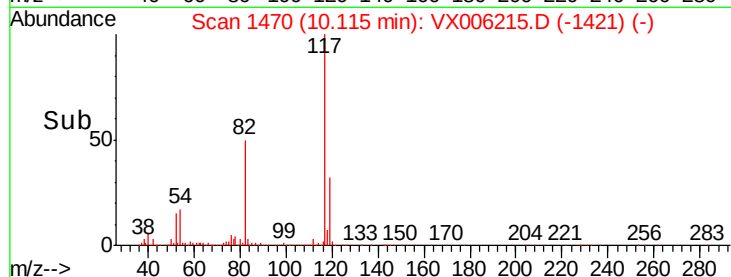
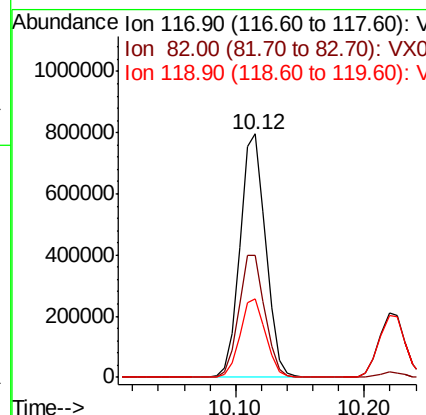
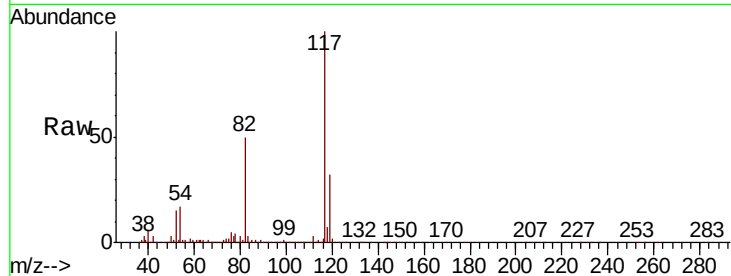




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006215.D
Acq: 29 Nov 2018 16:45

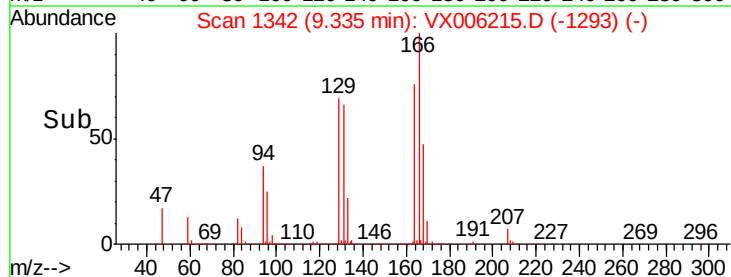
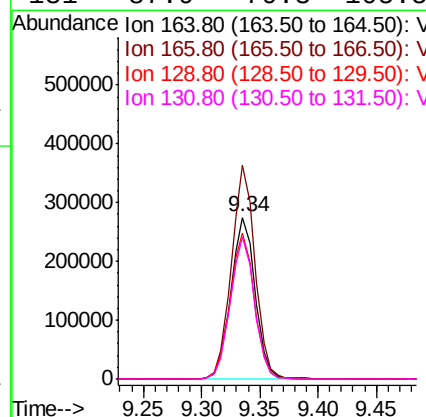
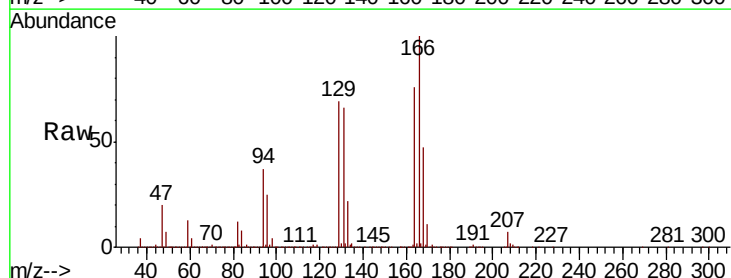
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112918

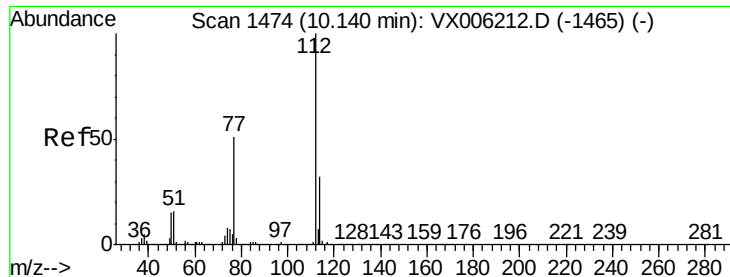
Tgt Ion:117 Resp: 1099750
Ion Ratio Lower Upper
117 100
82 49.8 39.6 59.4
119 32.2 26.3 39.5



#64
Tetrachloroethene
Concen: 47.814 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006215.D
Acq: 29 Nov 2018 16:45

Tgt Ion:164 Resp: 396005
Ion Ratio Lower Upper
164 100
166 132.4 104.2 156.2
129 90.8 72.6 108.8
131 87.9 70.3 105.5

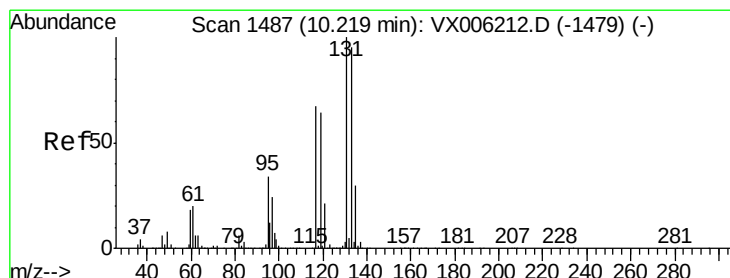
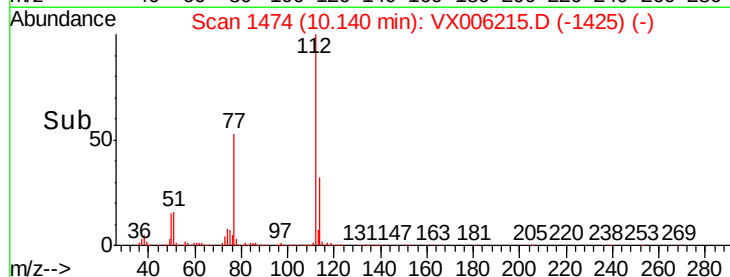
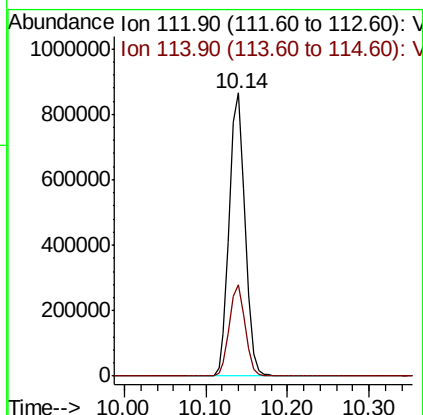
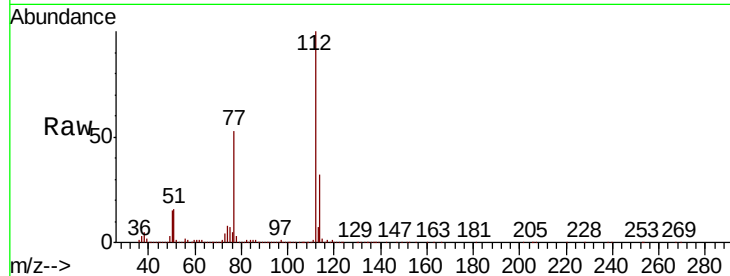




#65
Chlorobenzene
Concen: 49.072 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006215.D
Acq: 29 Nov 2018 16:45

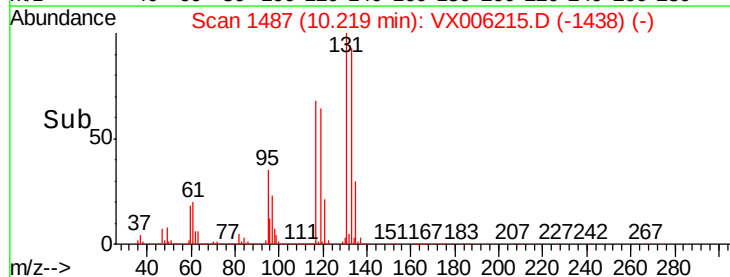
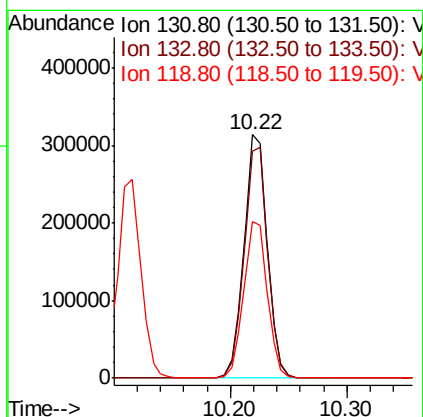
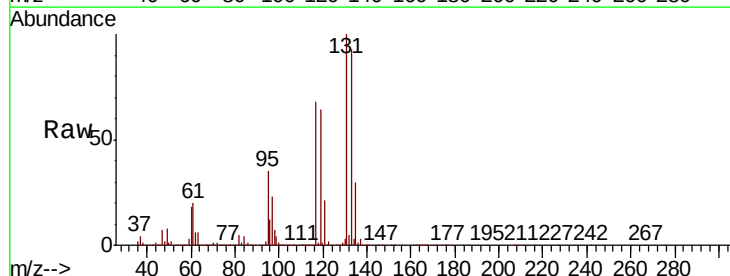
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112918

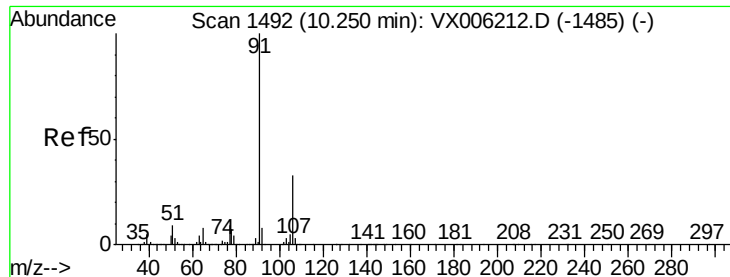
Tgt Ion:112 Resp: 1145595
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.585 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006215.D
Acq: 29 Nov 2018 16:45

Tgt Ion:131 Resp: 440687
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.4
119 65.1 32.1 96.3





#67

Ethyl Benzene

Concen: 48.788 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

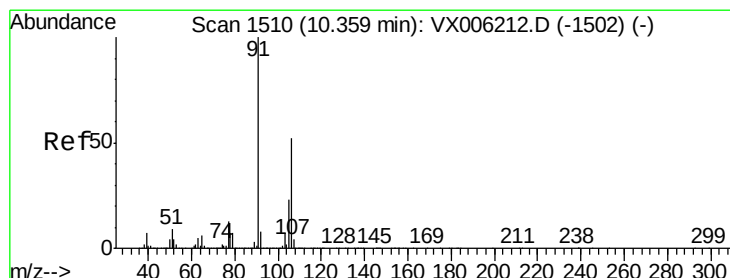
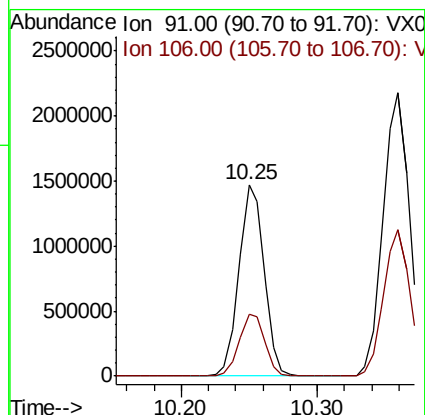
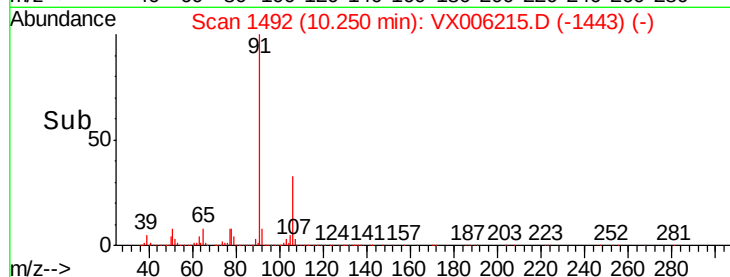
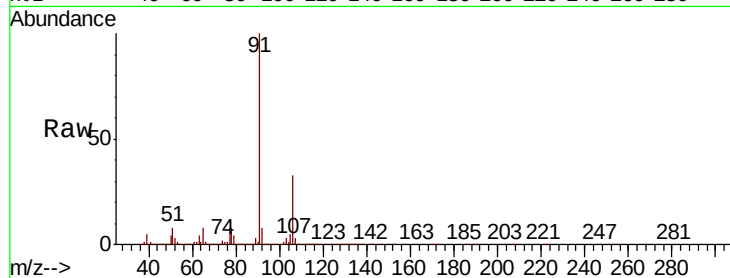
ICVVX112918

Tgt Ion: 91 Resp: 1894336

Ion Ratio Lower Upper

91 100

106 32.5 26.5 39.7



#68

m/p-Xylenes

Concen: 97.623 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006215.D

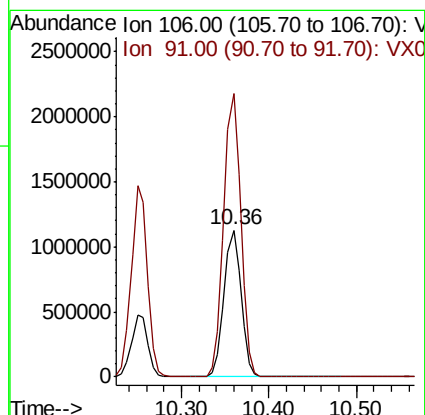
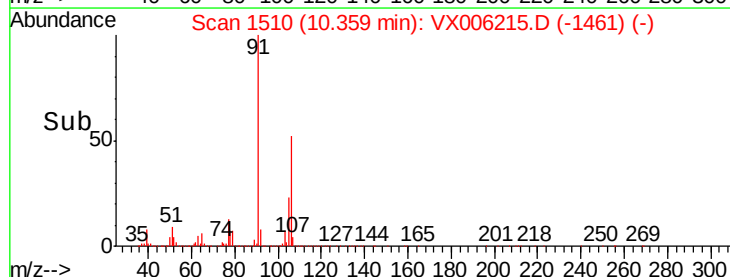
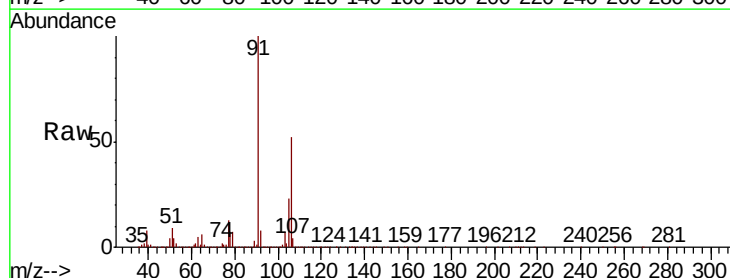
Acq: 29 Nov 2018 16:45

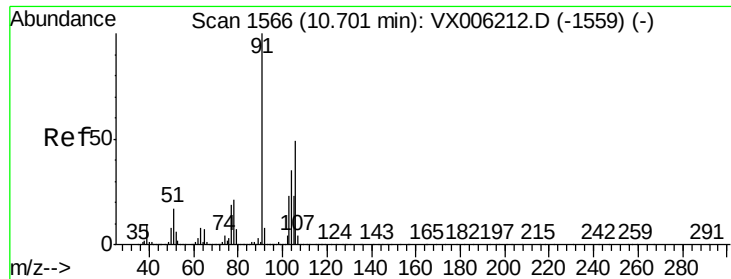
Tgt Ion: 106 Resp: 1518367

Ion Ratio Lower Upper

106 100

91 193.8 155.2 232.8

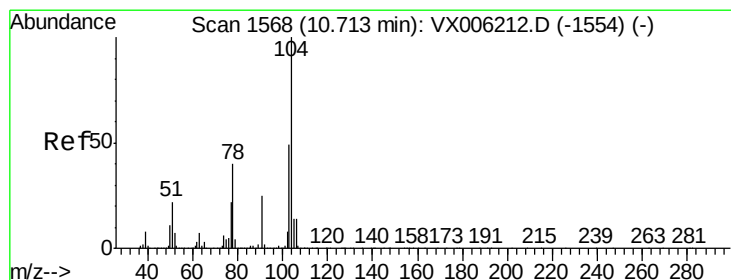
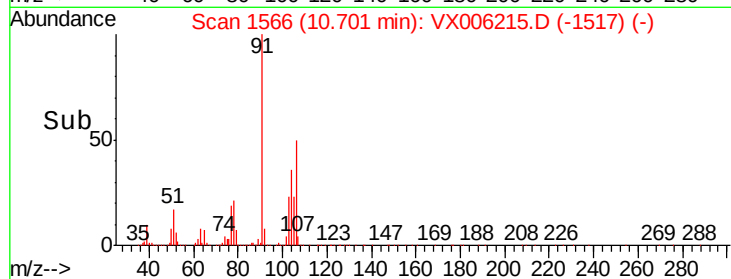
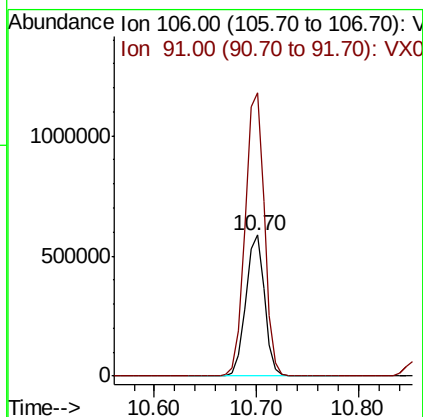
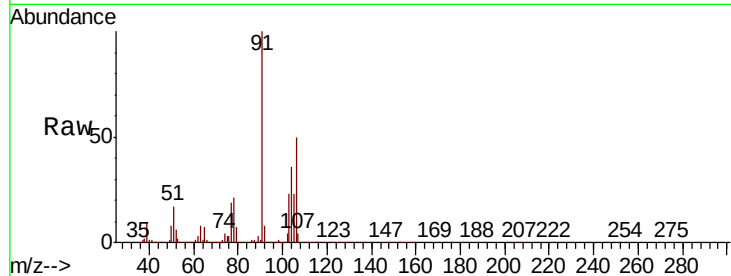




#69
o-Xylene
Concen: 48.505 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006215.D
Acq: 29 Nov 2018 16:45

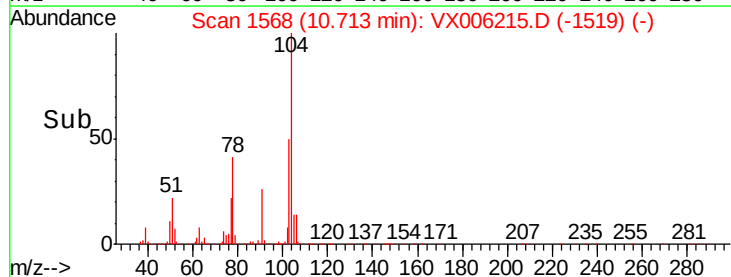
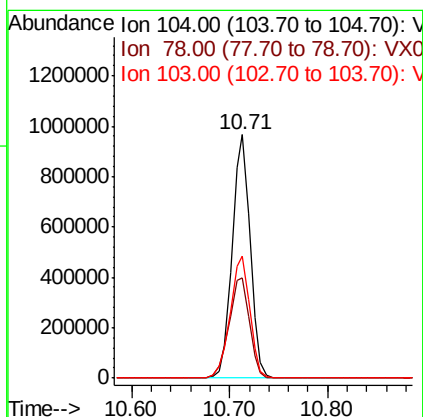
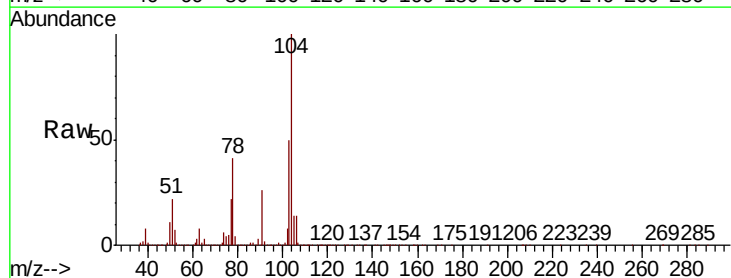
Instrument :
MSVOA_X
ClientSampled :
ICVVX112918

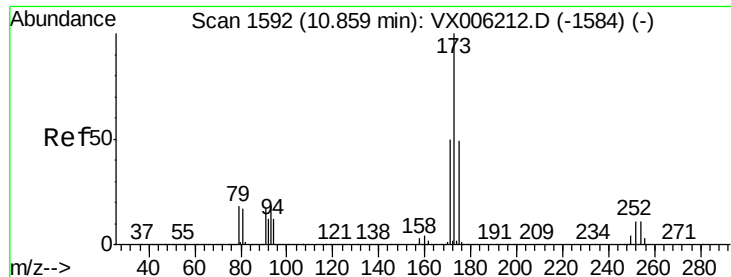
Tgt Ion:106 Resp: 745178
Ion Ratio Lower Upper
106 100
91 205.4 101.8 305.6



#70
Styrene
Concen: 49.517 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006215.D
Acq: 29 Nov 2018 16:45

Tgt Ion:104 Resp: 1230381
Ion Ratio Lower Upper
104 100
78 47.0 37.2 55.8
103 54.9 43.5 65.3

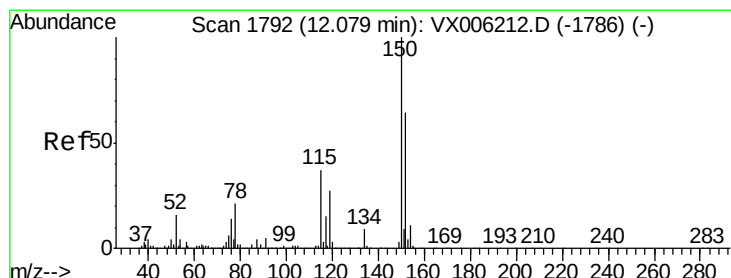
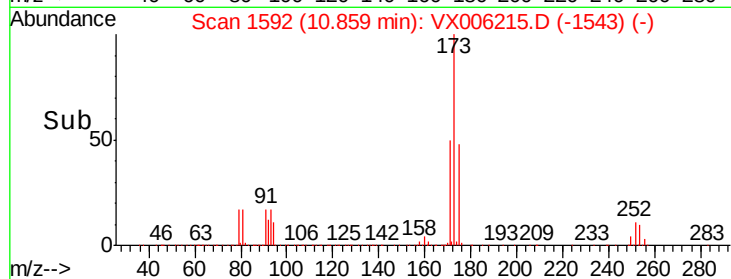
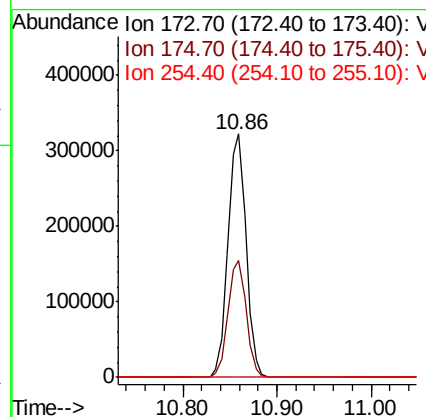
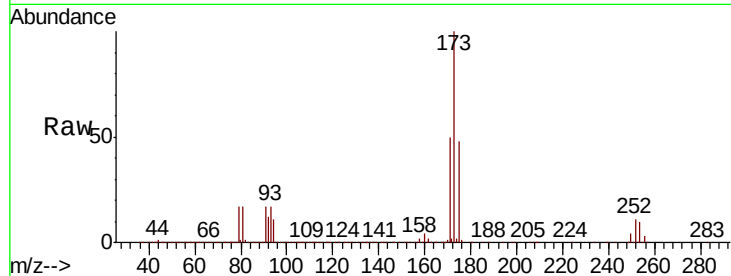




#71
 Bromoform
 Concen: 50.283 ug/l
 RT: 10.86 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: VX006215.D
 Acq: 29 Nov 2018 16:45

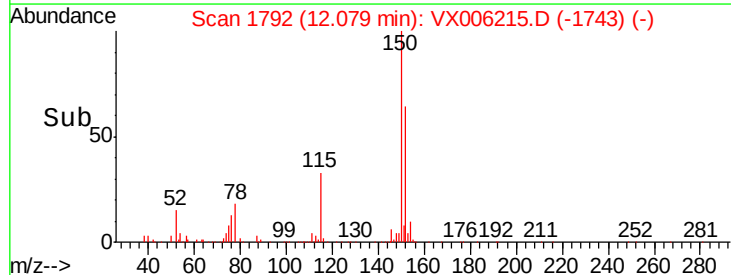
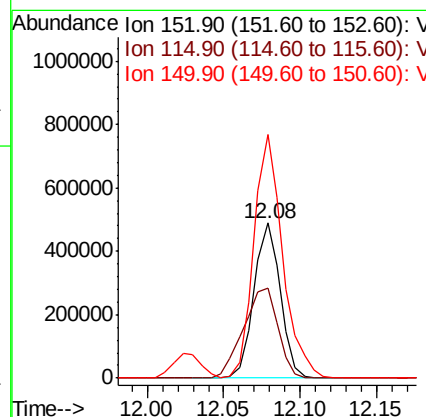
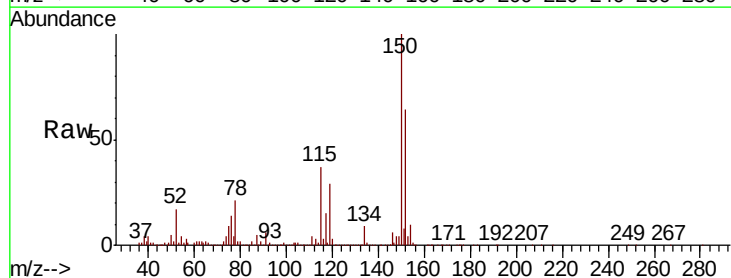
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112918

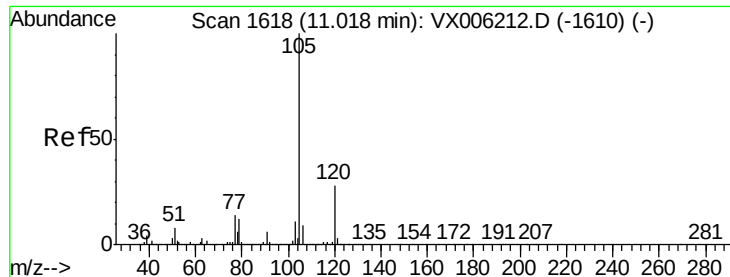
Tgt Ion:173 Resp: 430539
 Ion Ratio Lower Upper
 173 100
 175 48.4 24.6 73.8
 254 0.2 0.2 0.2



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX006215.D
 Acq: 29 Nov 2018 16:45

Tgt Ion:152 Resp: 582090
 Ion Ratio Lower Upper
 152 100
 115 76.7 39.0 116.9
 150 172.7 0.0 345.8





#73

Isopropylbenzene

Concen: 48.898 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

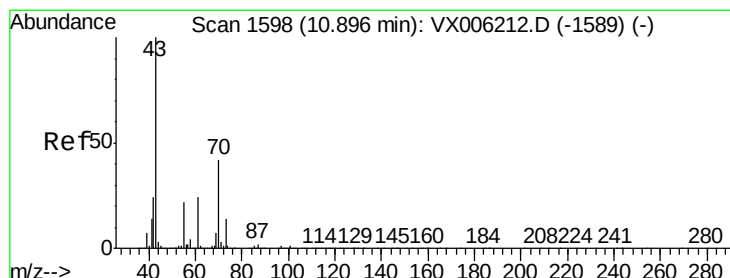
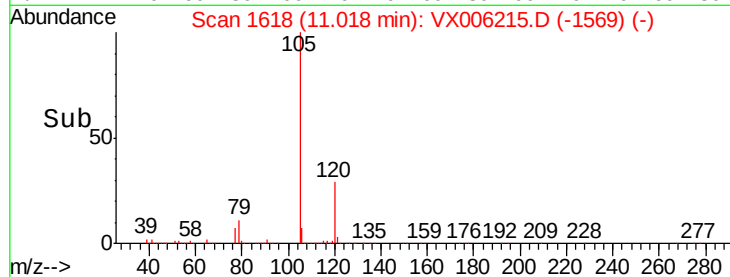
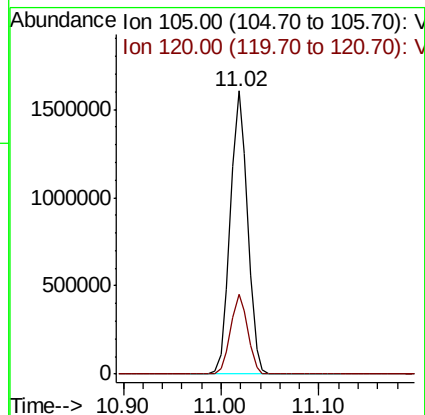
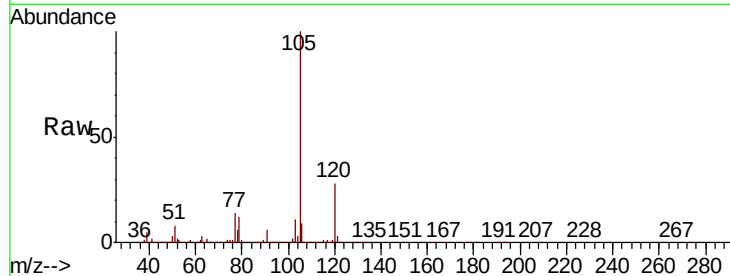
ICVVX112918

Tgt Ion:105 Resp: 1965635

Ion Ratio Lower Upper

105 100

120 28.0 14.1 42.3



#74

N-ethyl acetate

Concen: 48.214 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Tgt Ion: 43 Resp: 834595

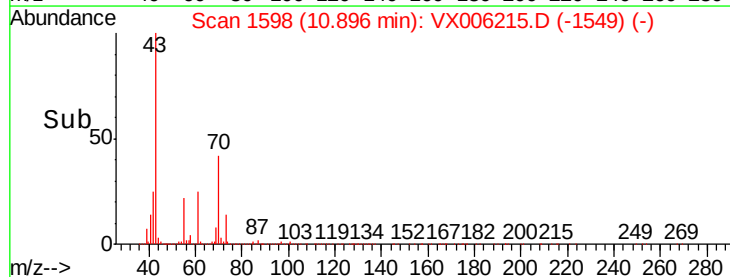
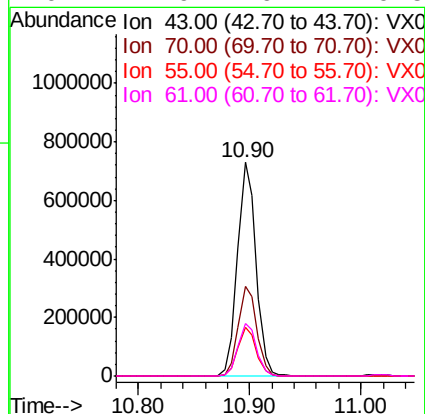
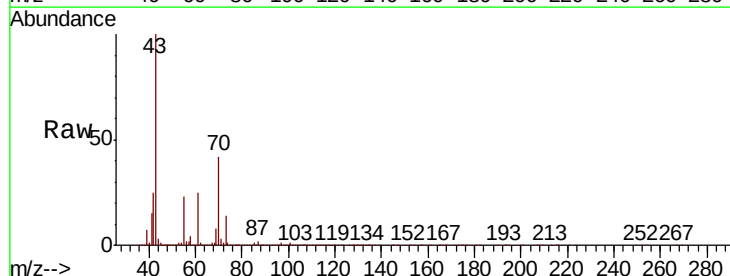
Ion Ratio Lower Upper

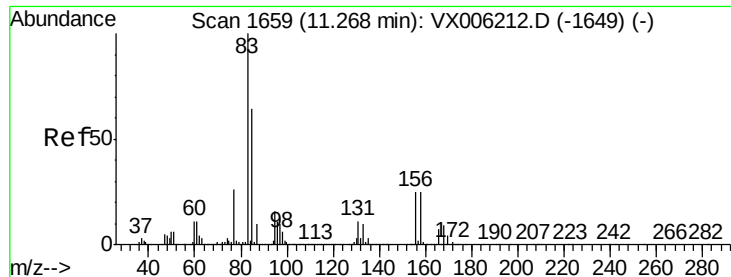
43 100

70 42.2 34.1 51.1

55 22.5 17.8 26.8

61 24.9 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.124 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112918

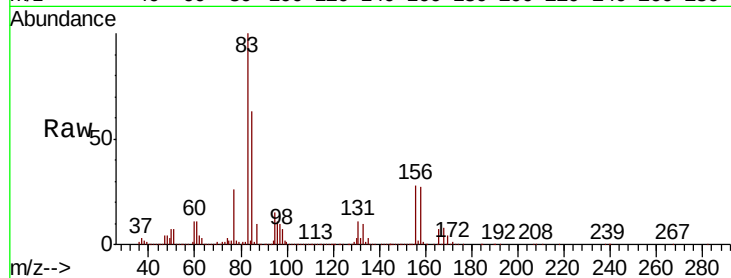
Tgt Ion: 83 Resp: 618892

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.1

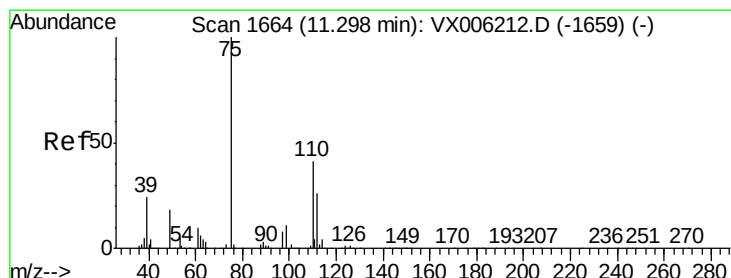
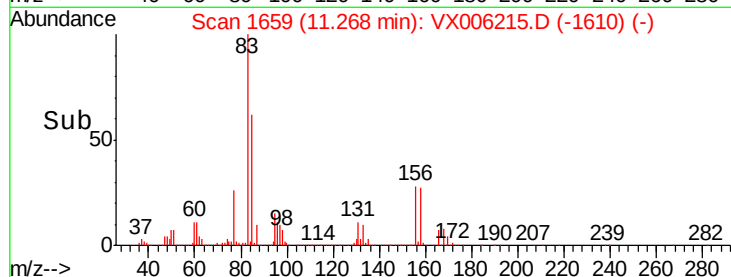
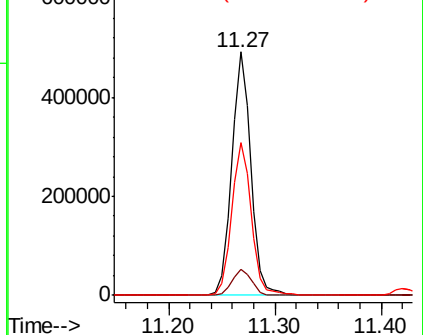
85 64.3 32.1 96.5



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: 67.030 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006215.D

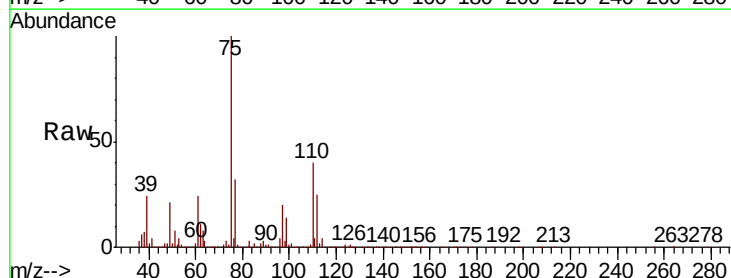
Acq: 29 Nov 2018 16:45

Tgt Ion: 75 Resp: 753103

Ion Ratio Lower Upper

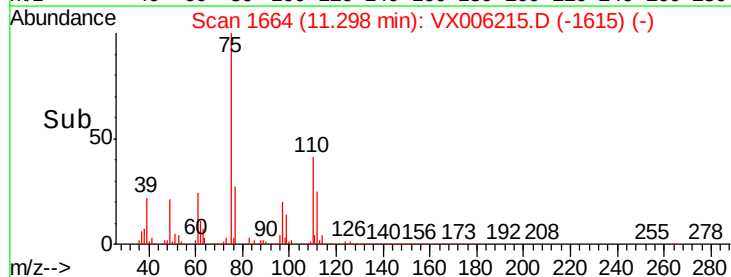
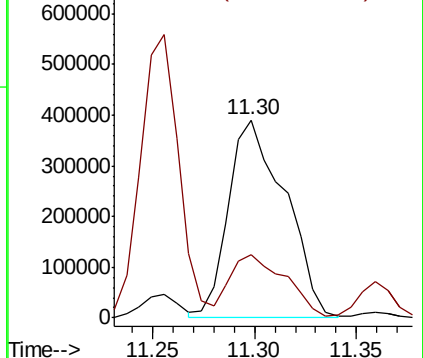
75 100

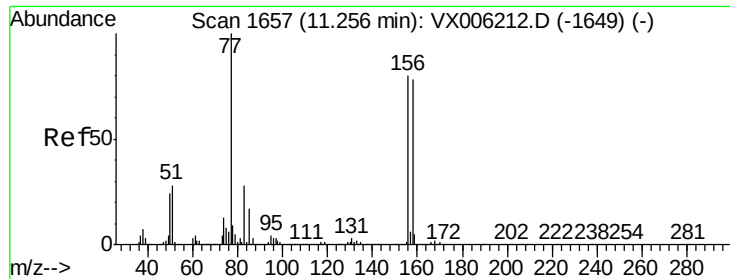
77 31.2 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.113 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112918

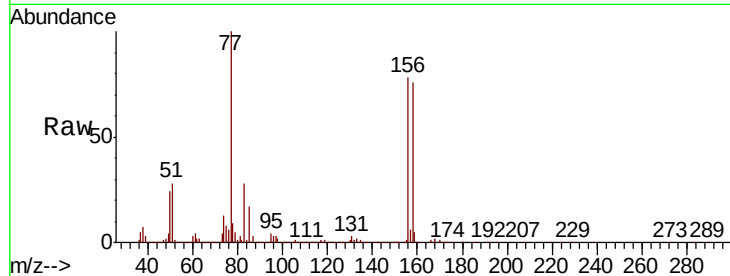
Tgt Ion:156 Resp: 547897

Ion Ratio Lower Upper

156 100

77 133.2 66.2 198.6

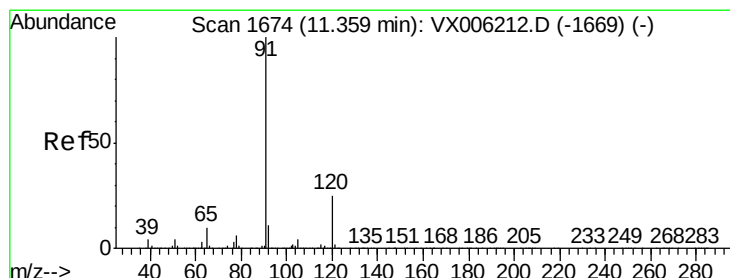
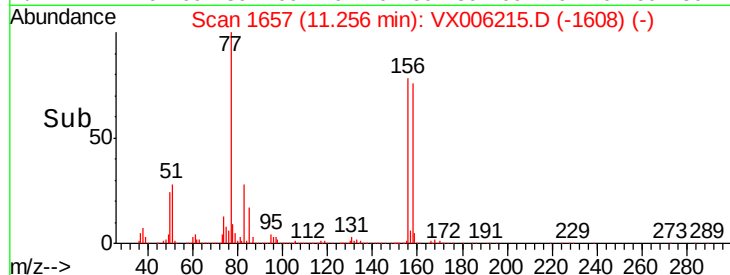
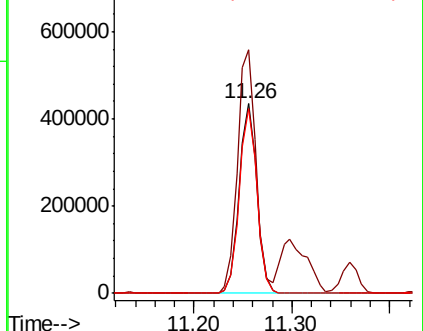
158 97.1 48.8 146.4



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: 49.536 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006215.D

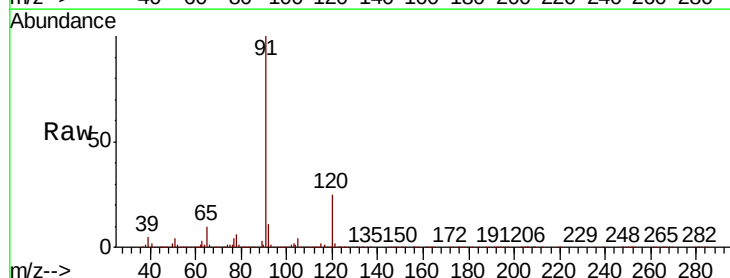
Acq: 29 Nov 2018 16:45

Tgt Ion: 91 Resp: 2213483

Ion Ratio Lower Upper

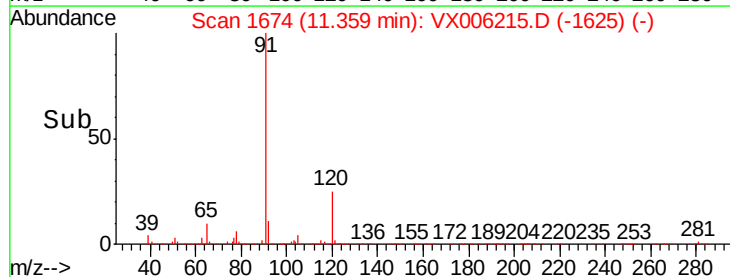
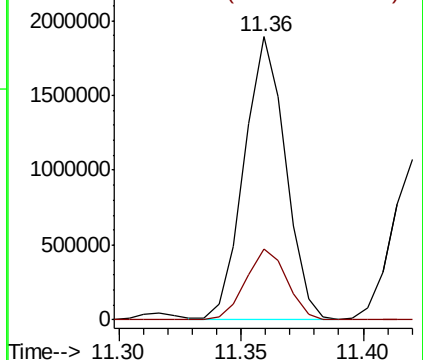
91 100

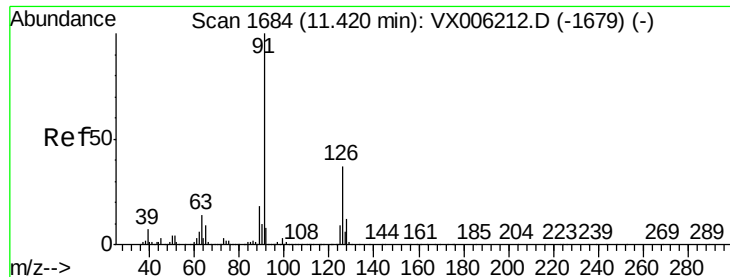
120 25.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.083 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

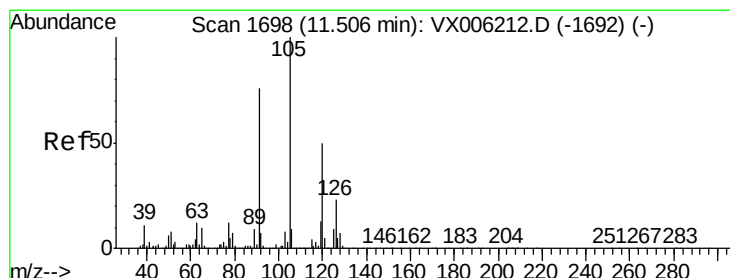
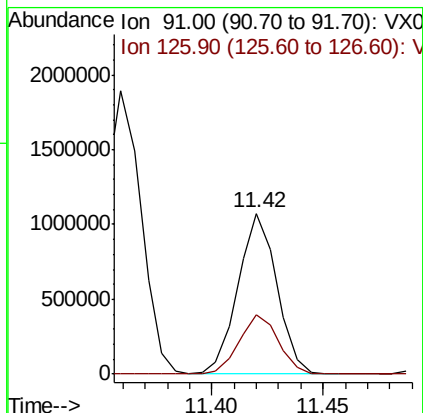
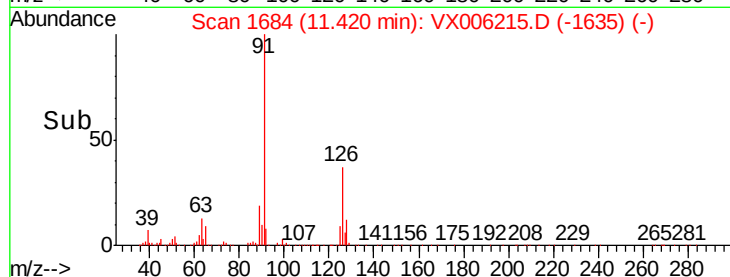
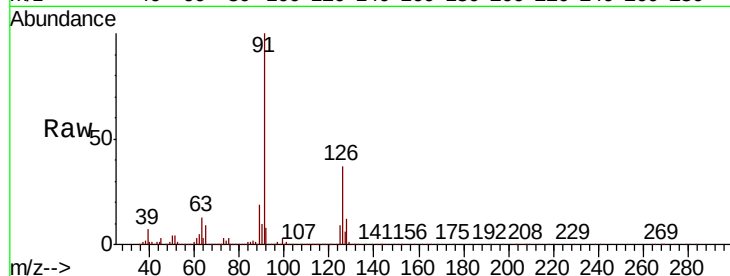
ICVVX112918

Tgt Ion: 91 Resp: 1303589

Ion Ratio Lower Upper

91 100

126 37.5 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 48.653 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006215.D

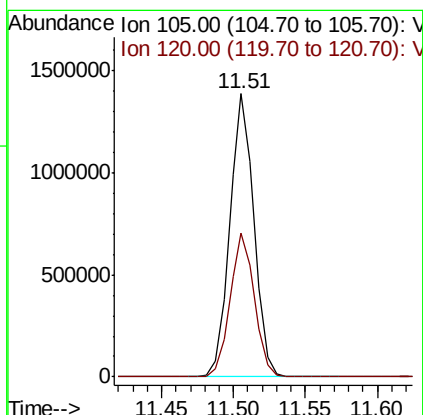
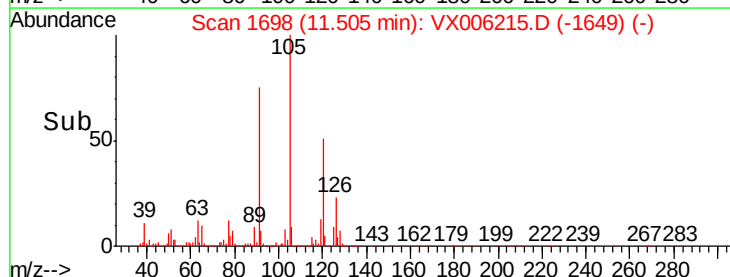
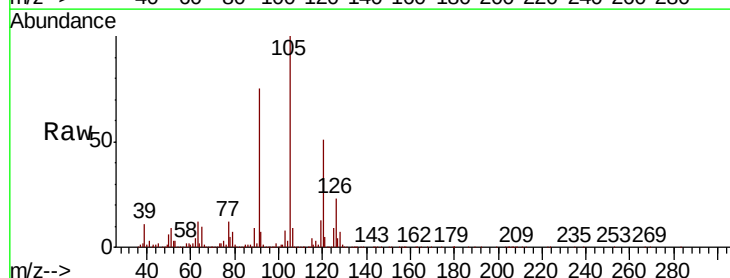
Acq: 29 Nov 2018 16:45

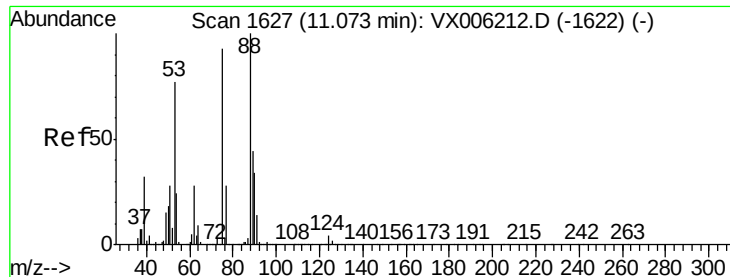
Tgt Ion:105 Resp: 1627267

Ion Ratio Lower Upper

105 100

120 50.9 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 48.214 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112918

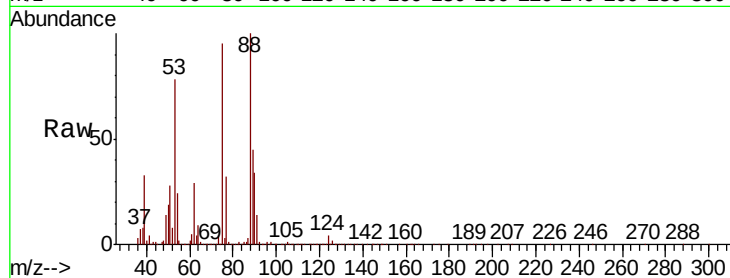
Tgt Ion: 75 Resp: 230831

Ion Ratio Lower Upper

75 100

53 82.0 64.4 96.6

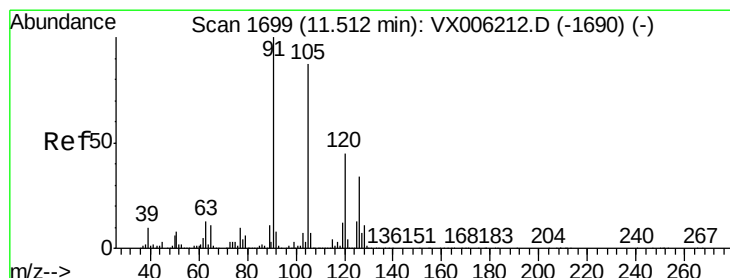
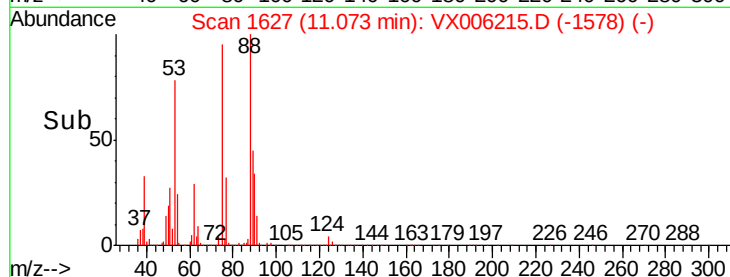
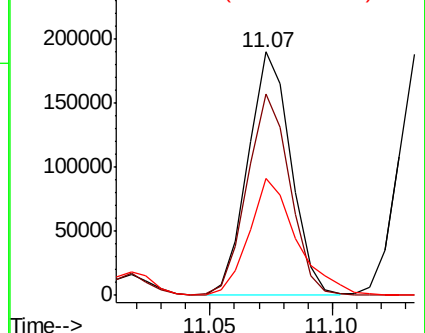
89 53.7 44.2 66.4



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: 49.101 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006215.D

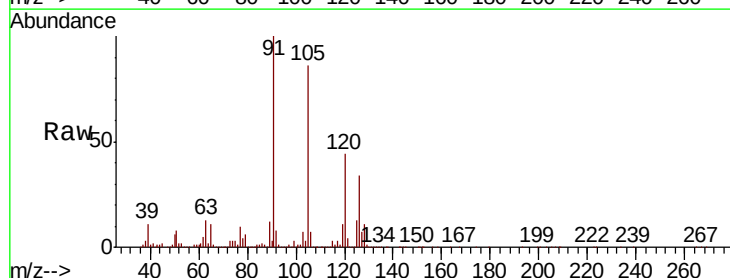
Acq: 29 Nov 2018 16:45

Tgt Ion: 91 Resp: 1516170

Ion Ratio Lower Upper

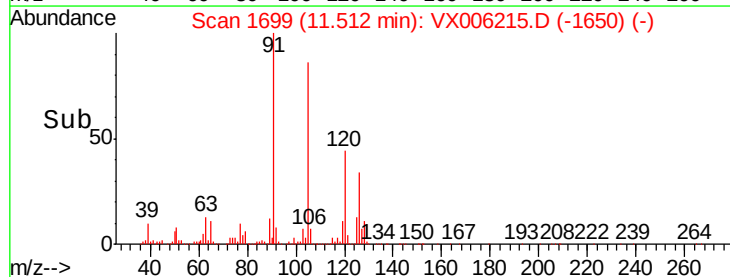
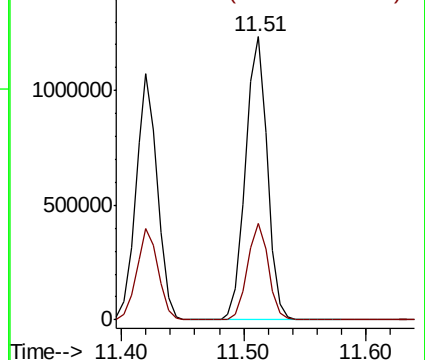
91 100

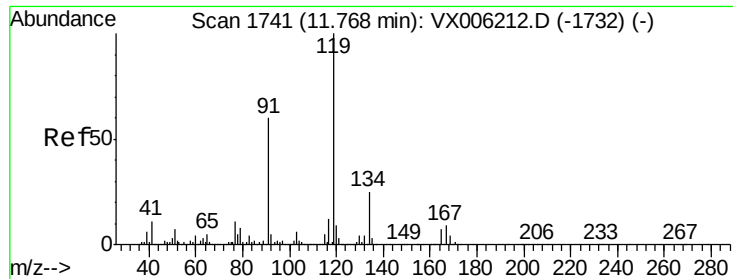
126 33.0 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

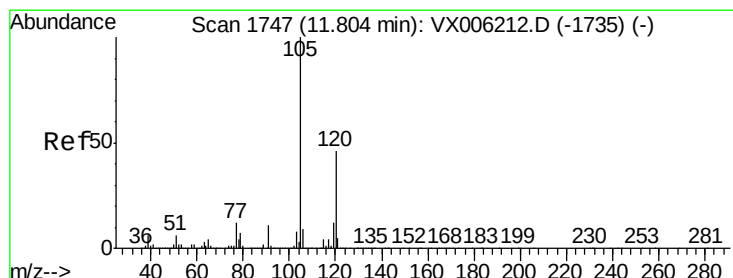
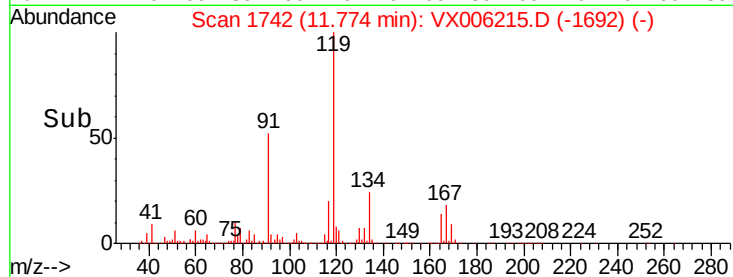
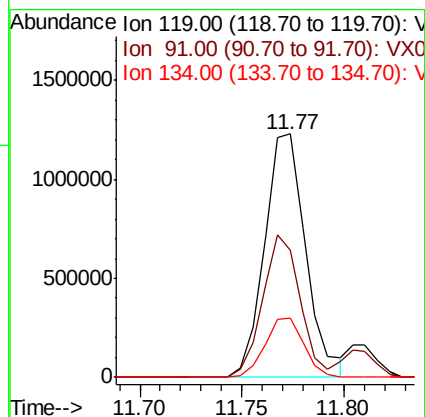
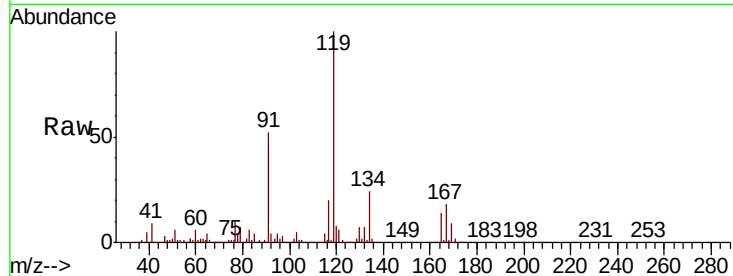




#83
 tert-Butylbenzene
 Concen: 48.678 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX006215.D
 Acq: 29 Nov 2018 16:45

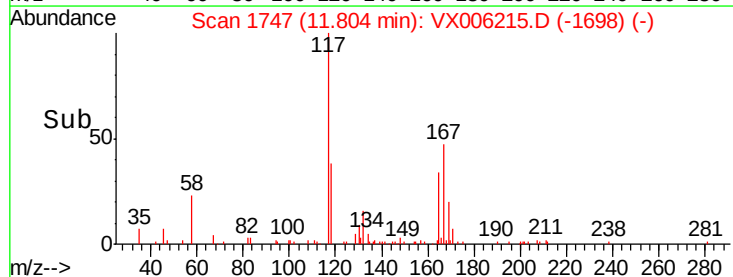
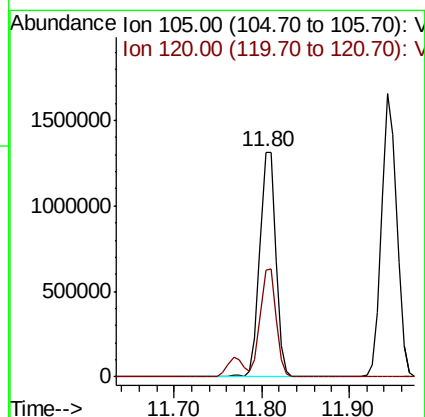
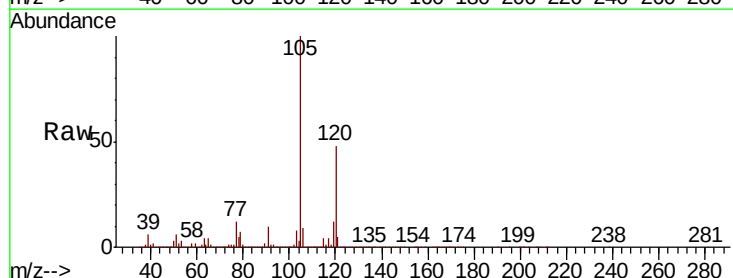
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112918

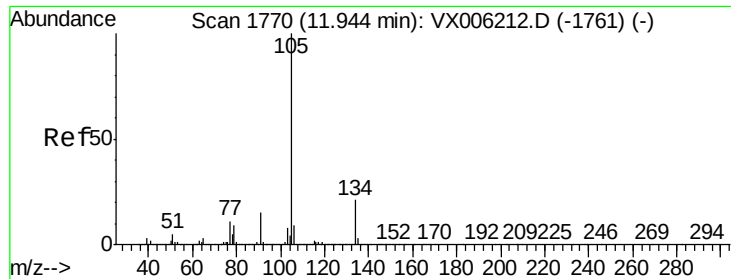
Tgt Ion:119 Resp: 1737120
 Ion Ratio Lower Upper
 119 100
 91 53.0 26.4 79.2
 134 23.1 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 48.376 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006215.D
 Acq: 29 Nov 2018 16:45

Tgt Ion:105 Resp: 1670712
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.4 70.0





#85

sec-Butylbenzene

Concen: 49.355 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

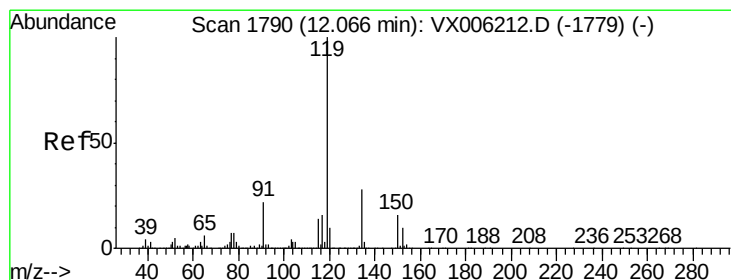
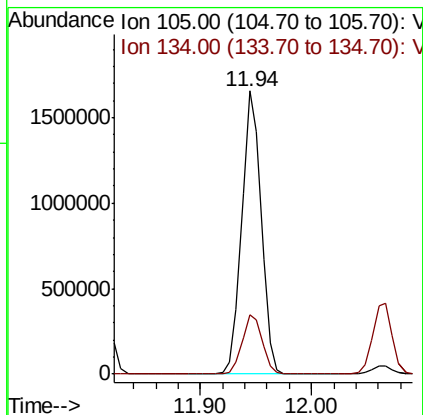
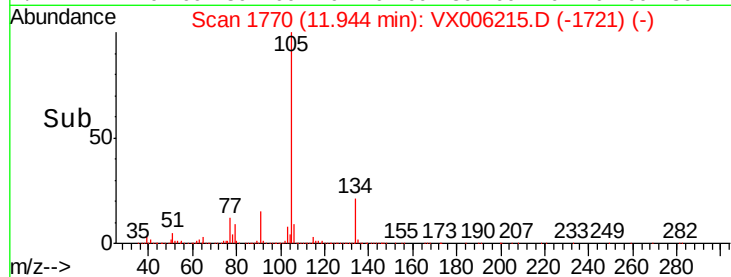
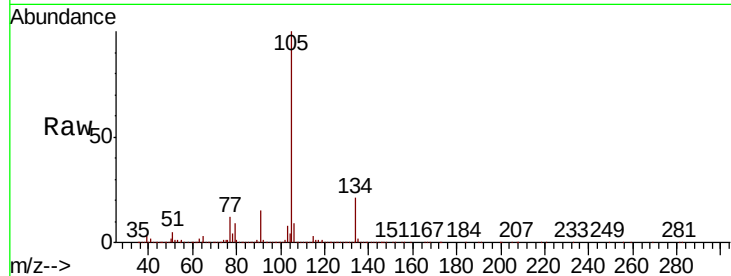
ICVVX112918

Tgt Ion:105 Resp: 2003693

Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.4



#86

p-Isopropyltoluene

Concen: 48.987 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

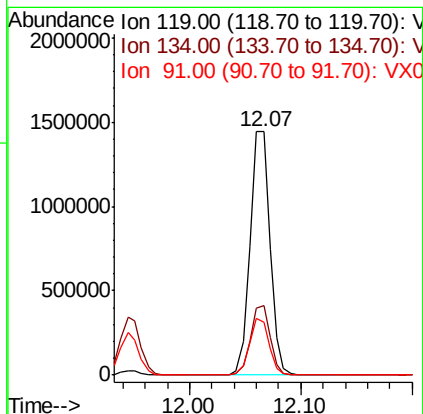
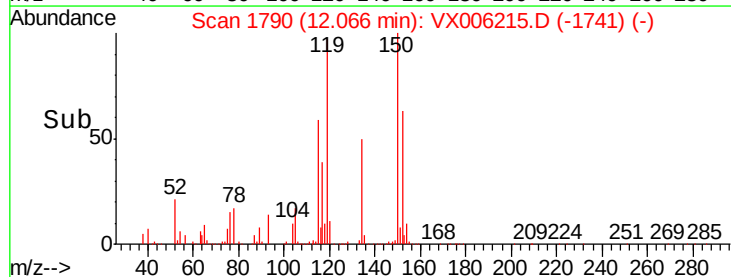
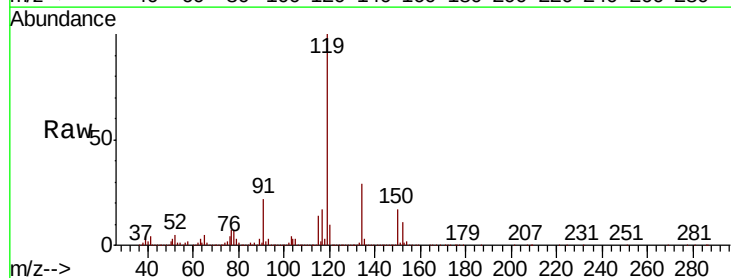
Tgt Ion:119 Resp: 1790820

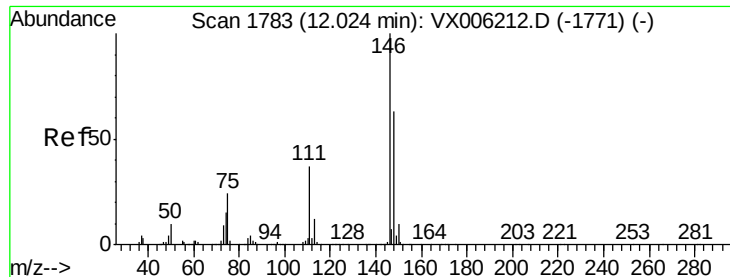
Ion Ratio Lower Upper

119 100

134 28.1 13.9 41.6

91 22.6 11.3 33.8

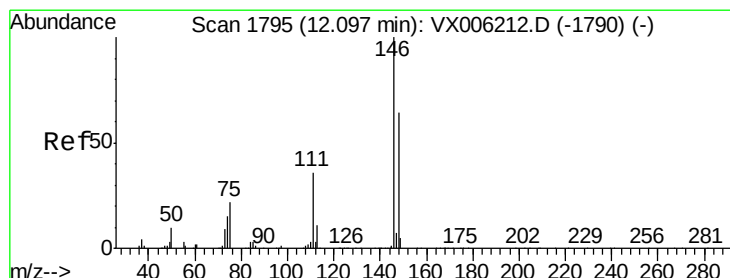
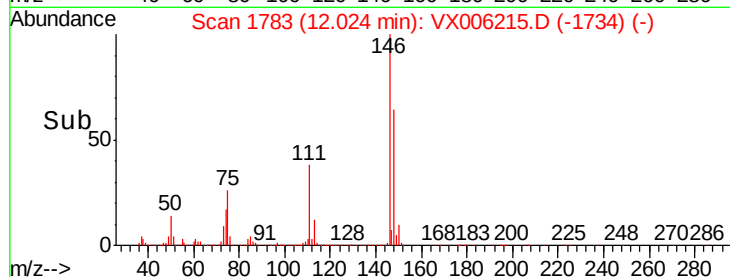
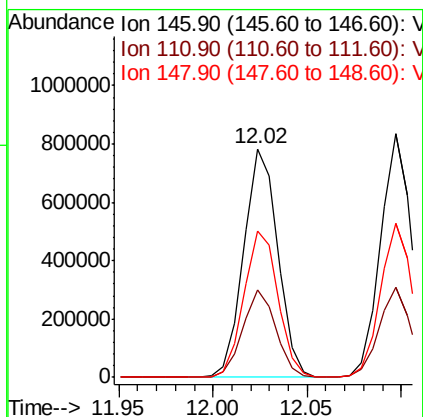
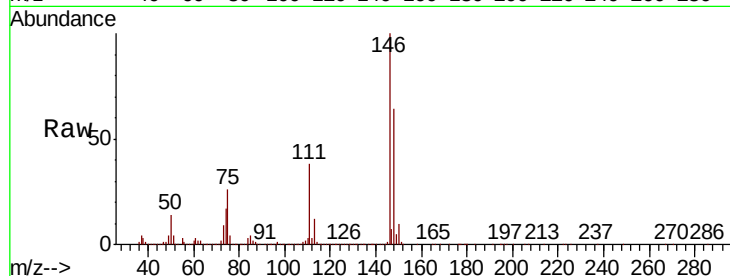




#87
 1,3-Dichlorobenzene
 Concen: 49.605 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006215.D
 Acq: 29 Nov 2018 16:45

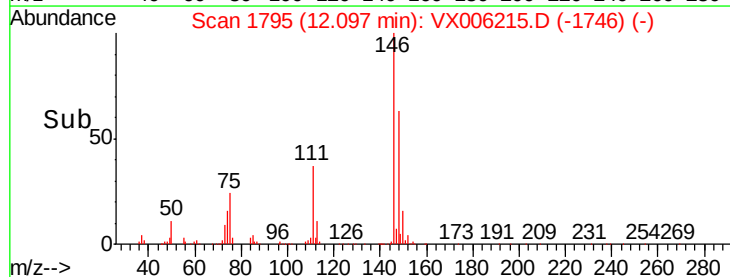
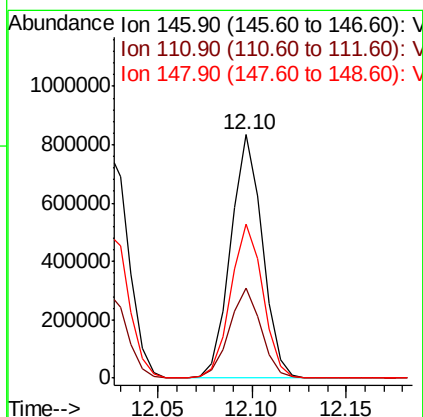
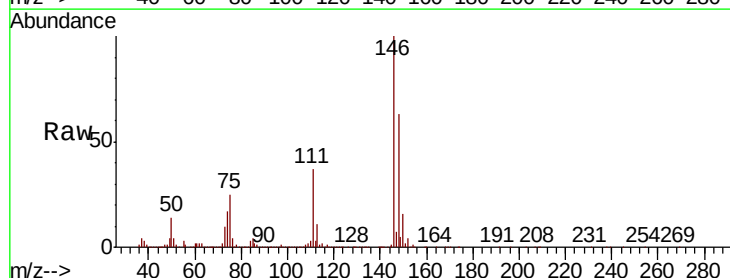
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112918

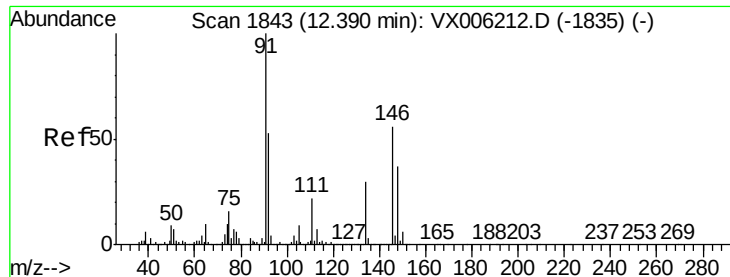
Tgt Ion:146 Resp: 984674
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.4 55.2
 148 64.1 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.277 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006215.D
 Acq: 29 Nov 2018 16:45

Tgt Ion:146 Resp: 972662
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.3 54.8
 148 64.2 31.9 95.9





#89

n-Butylbenzene

Concen: 49.585 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112918

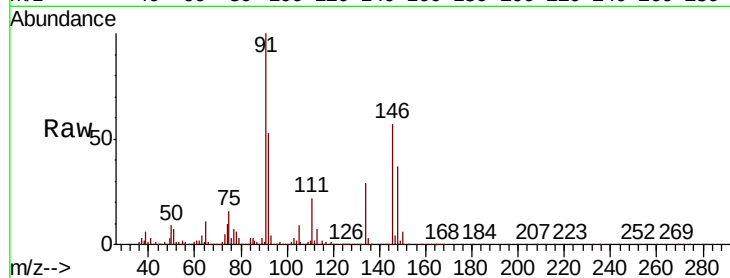
Tgt Ion: 91 Resp: 1546647

Ion Ratio Lower Upper

91 100

92 53.9 26.6 79.8

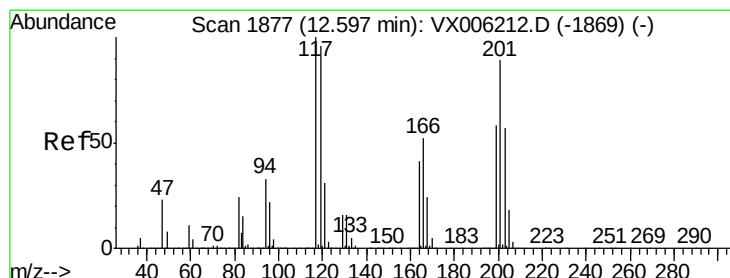
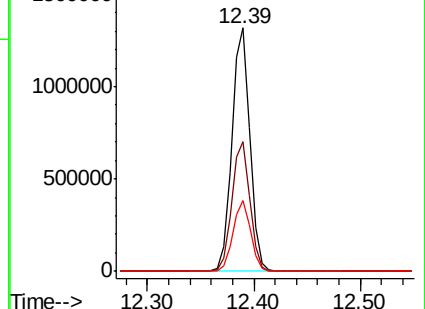
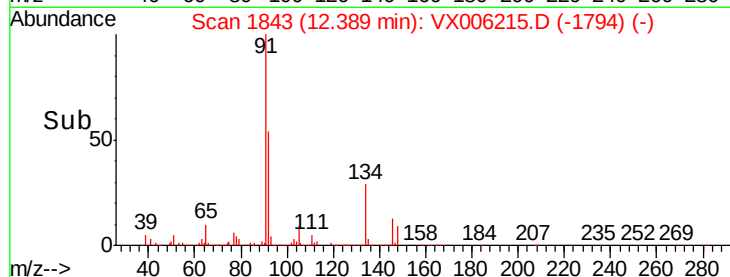
134 29.0 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX006215.D (-1794) (-)

Ion 92.00 (91.70 to 92.70): VX006215.D (-1794) (-)

Ion 134.00 (133.70 to 134.70): VX006215.D (-1794) (-)



#90

Hexachloroethane

Concen: 49.108 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX006215.D

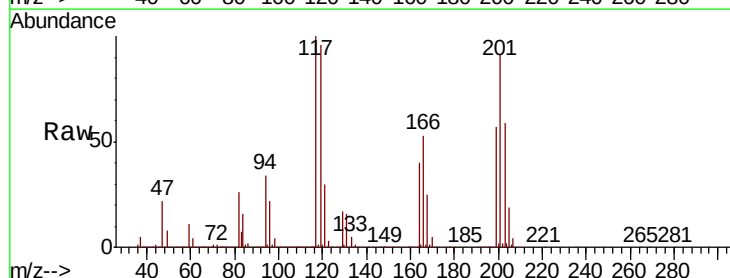
Acq: 29 Nov 2018 16:45

Tgt Ion: 117 Resp: 365887

Ion Ratio Lower Upper

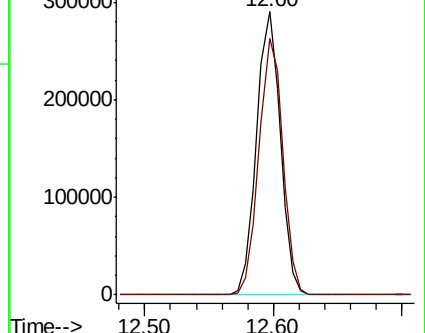
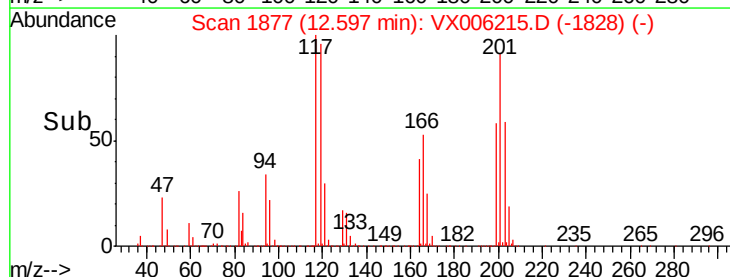
117 100

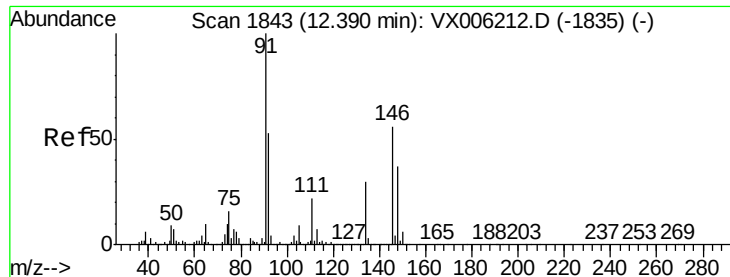
201 91.4 44.7 134.1



Abundance Ion 116.80 (116.50 to 117.50): VX006215.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX006215.D (-1828) (-)





#91

1,2-Dichlorobenzene

Concen: 47.999 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVX112918

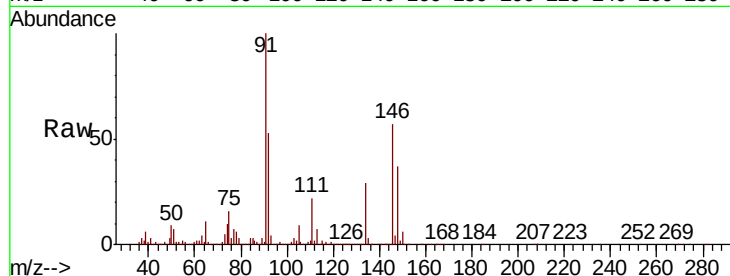
Tgt Ion:146 Resp: 945599

Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.3

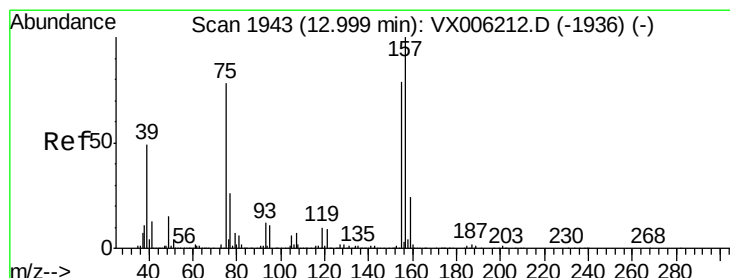
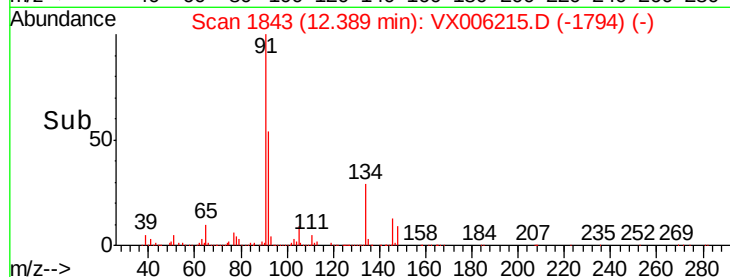
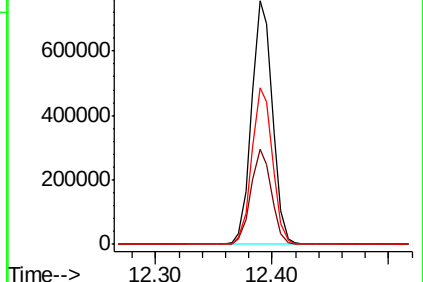
148 64.1 32.1 96.3



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: 45.064 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

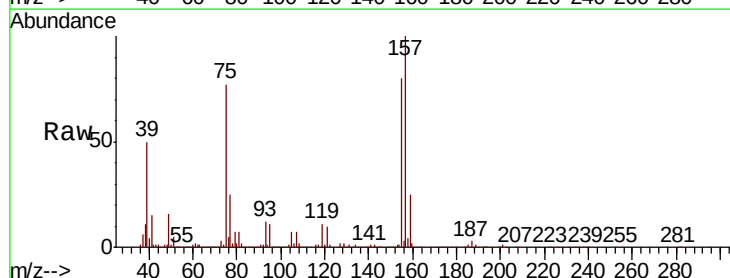
Tgt Ion: 75 Resp: 148559

Ion Ratio Lower Upper

75 100

155 107.7 53.4 160.3

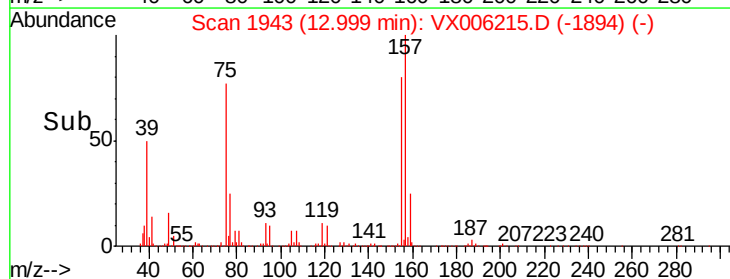
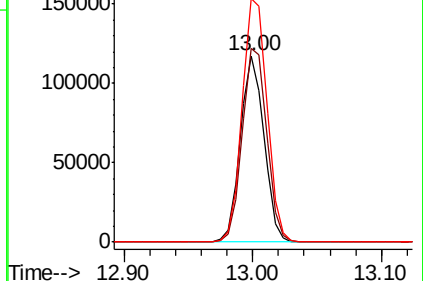
157 137.2 68.0 203.8

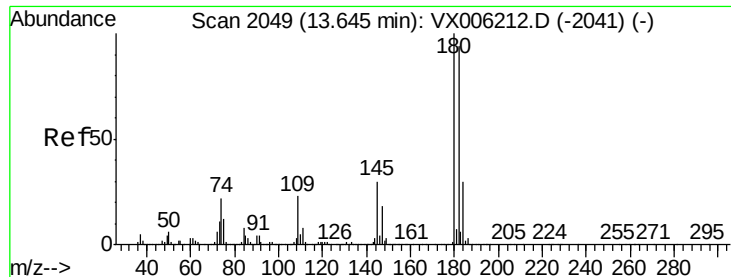


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

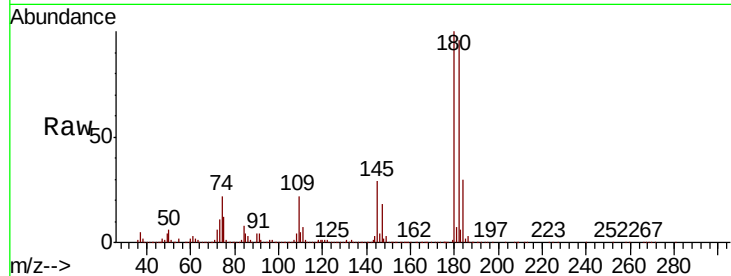




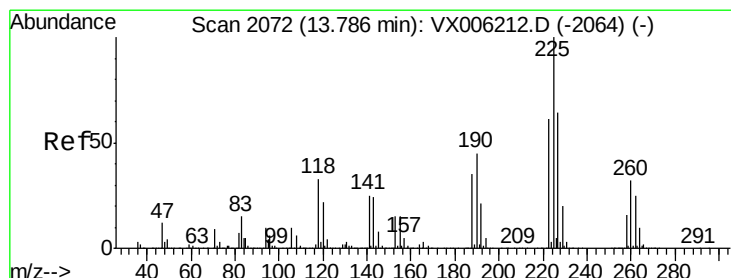
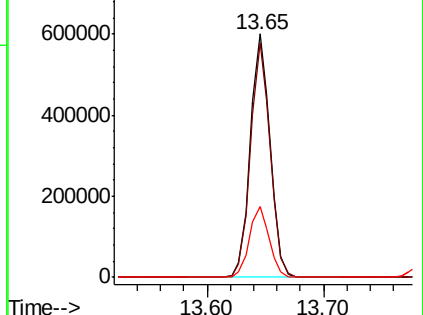
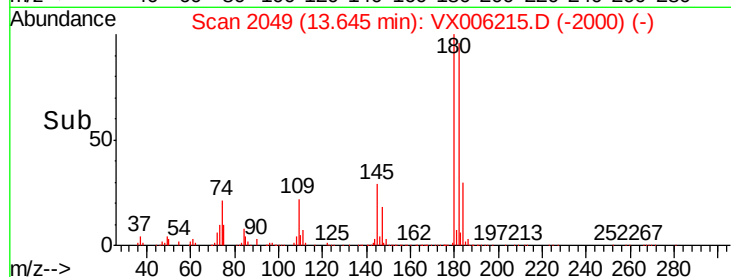
#93
 1,2,4-Trichlorobenzene
 Concen: 49.544 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006215.D
 Acq: 29 Nov 2018 16:45

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112918

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.3	141.9
145	29.2	14.6	43.8

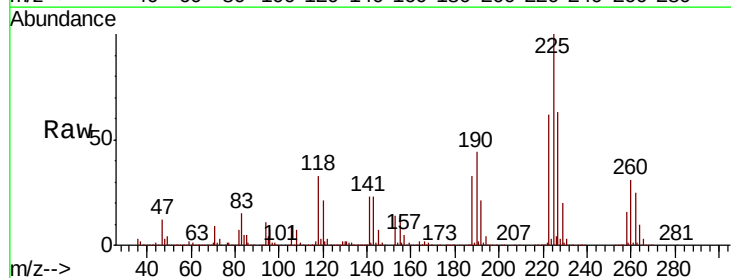


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

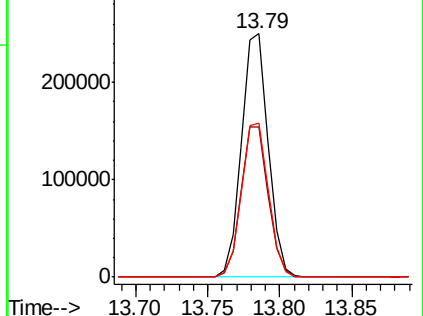
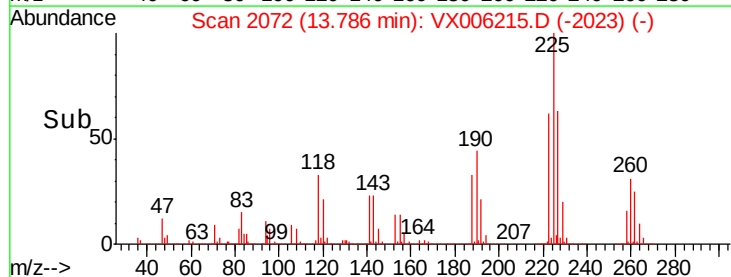


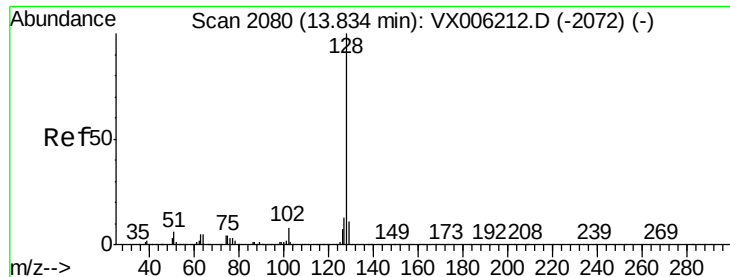
#94
 Hexachlorobutadiene
 Concen: 50.436 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX006215.D
 Acq: 29 Nov 2018 16:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.2	93.6
227	63.9	31.9	95.5



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





#95

Naphthalene

Concen: 48.508 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112918

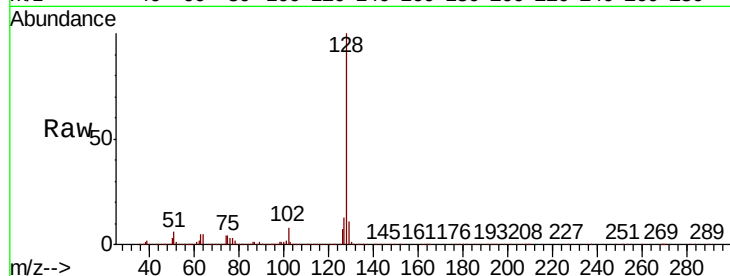
Tgt Ion:128 Resp: 2168734

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 11.0 8.9 13.3

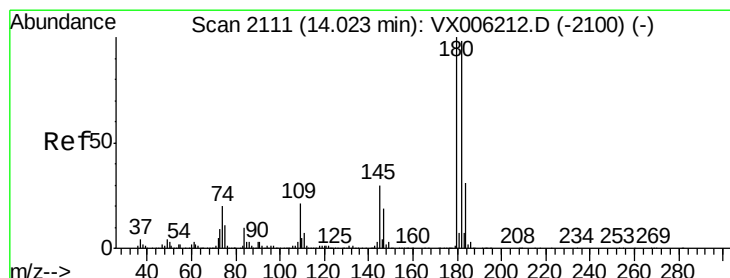
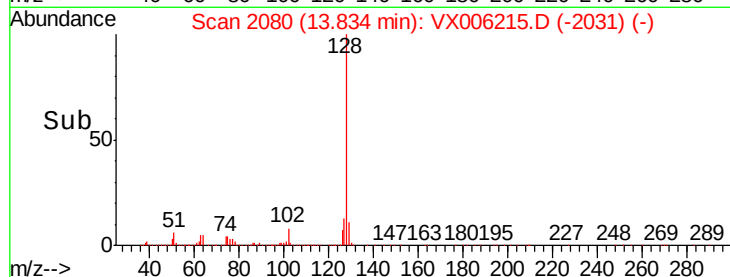
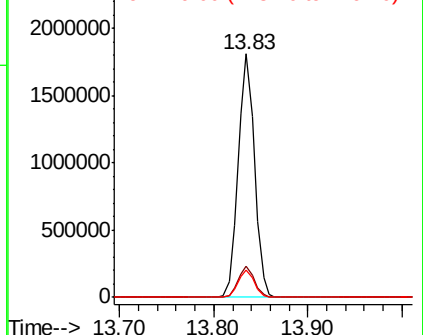


Abundance

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: 49.608 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX006215.D

Acq: 29 Nov 2018 16:45

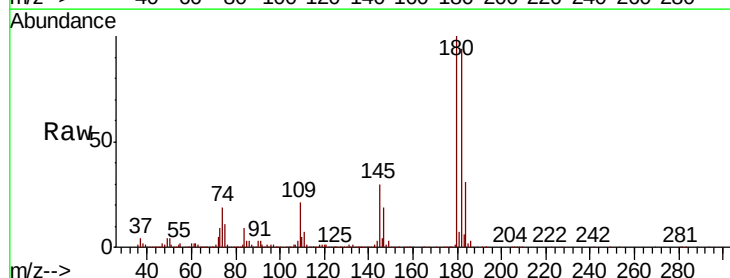
Tgt Ion:180 Resp: 706213

Ion Ratio Lower Upper

180 100

182 95.0 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

