

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006440.D
 Acq On : 12 Dec 2018 13:06
 Operator : JC/MD
 Sample : VX1212WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

Quant Time: Dec 13 06:05:51 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	580882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	892259	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	814472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	420613	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	309980	52.27	ug/l	0.00
Spiked Amount			Recovery	=	104.54%	
35) Dibromofluoromethane	5.51	113	286556	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
50) Toluene-d8	8.71	98	1052411	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	11.13	95	402573	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	119139	20.947	ug/l	100
3) Chloromethane	1.33	50	124687	21.333	ug/l	96
4) Vinyl Chloride	1.41	62	137325	21.830	ug/l	99
5) Bromomethane	1.64	94	117966	27.059	ug/l	98
6) Chloroethane	1.72	64	87494	22.685	ug/l	97
7) Trichlorofluoromethane	1.93	101	211411	21.894	ug/l	99
8) Diethyl Ether	2.19	74	80916	22.142	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	120257	21.902	ug/l	97
10) Methyl Iodide	2.51	142	182247	22.025	ug/l	99
11) Tert butyl alcohol	3.07	59	166738	102.818	ug/l	98
12) 1,1-Dichloroethene	2.37	96	116369	22.139	ug/l	91
13) Acrolein	2.29	56	100083	112.915	ug/l	96
14) Allyl chloride	2.73	41	198354	19.104	ug/l	97
15) Acrylonitrile	3.15	53	351304	103.811	ug/l	100
16) Acetone	2.45	43	308889	110.997	ug/l	95
17) Carbon Disulfide	2.57	76	313040	19.328	ug/l	99
18) Methyl Acetate	2.78	43	187318	20.128	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	395394	21.087	ug/l	96
20) Methylene Chloride	2.86	84	129898	21.933	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	121542	21.699	ug/l	92
22) Diisopropyl ether	3.87	45	355623	21.928	ug/l	98
23) Vinyl Acetate	3.82	43	1462010	105.694	ug/l	99
24) 1,1-Dichloroethane	3.70	63	211425	22.808	ug/l	98
25) 2-Butanone	4.70	43	438433	110.416	ug/l	98
26) 2,2-Dichloropropane	4.58	77	174301	20.374	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	139188	22.277	ug/l	98
28) Bromochloromethane	5.02	49	82519	20.380	ug/l	95
29) Tetrahydrofuran	5.15	42	293242	106.261	ug/l	97
30) Chloroform	5.21	83	218419	22.422	ug/l	100
31) Cyclohexane	5.58	56	187175	21.849	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	196617	21.213	ug/l	100
36) 1,1-Dichloropropene	5.80	75	162110	21.575	ug/l	99
37) Ethyl Acetate	4.85	43	166827	19.826	ug/l	96
38) Carbon Tetrachloride	5.78	117	168554	19.069	ug/l	96

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 Misc : 5.0mL/MSVOA X/WATER
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Quant Time: Dec 13 06:05:51 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	212037	21.740	ug/l	95
40) Benzene	6.15	78	491943	21.860	ug/l	99
41) Methacrylonitrile	5.06	41	90292	19.501	ug/l	96
42) 1,2-Dichloroethane	6.20	62	162276	22.033	ug/l	100
43) Isopropyl Acetate	6.46	43	271222	19.333	ug/l	99
44) Trichloroethene	7.21	130	145909	21.402	ug/l	95
45) 1,2-Dichloropropane	7.52	63	120652	21.095	ug/l	97
46) Dibromomethane	7.66	93	87463	21.174	ug/l	96
47) Bromodichloromethane	7.90	83	151603	18.952	ug/l	98
48) Methyl methacrylate	7.77	41	131944	19.332	ug/l	95
49) 1,4-Dioxane	7.75	88	72865	433.169	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	843884	103.328	ug/l	97
52) Toluene	8.79	92	325843	22.008	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	168870	18.051	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	187059	19.256	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	133431	22.184	ug/l	99
56) Ethyl methacrylate	9.18	69	194082	20.640	ug/l	97
57) 1,3-Dichloropropane	9.37	76	208634	21.936	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	444960	93.251	ug/l	98
59) 2-Hexanone	9.49	43	647813	103.822	ug/l	98
60) Dibromochloromethane	9.59	129	135864	18.318	ug/l	99
61) 1,2-Dibromoethane	9.67	107	143724	21.370	ug/l	100
64) Tetrachloroethene	9.34	164	134684	21.958	ug/l	97
65) Chlorobenzene	10.14	112	374923	21.685	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	133419	19.861	ug/l	99
67) Ethyl Benzene	10.25	91	621603	21.617	ug/l	99
68) m/p-Xylenes	10.36	106	497483	43.189	ug/l	99
69) o-Xylene	10.70	106	246607	21.674	ug/l	100
70) Styrene	10.71	104	392088	21.307	ug/l	98
71) Bromoform	10.86	173	100442	15.839	ug/l #	100
73) Isopropylbenzene	11.02	105	644483	22.188	ug/l	100
74) N-amyl acetate	10.90	43	242619	19.397	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	197080	21.208	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	221843	27.326	ug/l	85
77) Bromobenzene	11.26	156	178108	22.095	ug/l	99
78) n-propylbenzene	11.36	91	702339	21.752	ug/l	99
79) 2-Chlorotoluene	11.42	91	422754	22.029	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	536017	22.179	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	55468	16.033	ug/l	86
82) 4-Chlorotoluene	11.51	91	486198	21.790	ug/l	99
83) tert-Butylbenzene	11.77	119	559536	21.699	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	549887	22.035	ug/l	99
85) sec-Butylbenzene	11.94	105	643203	21.926	ug/l	98
86) p-Isopropyltoluene	12.06	119	577270	21.853	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	311163	21.694	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	309576	21.264	ug/l	98
89) n-Butylbenzene	12.39	91	470879	20.892	ug/l	100
90) Hexachloroethane	12.60	117	95056	17.656	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	311176	21.859	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43127	18.104	ug/l	90

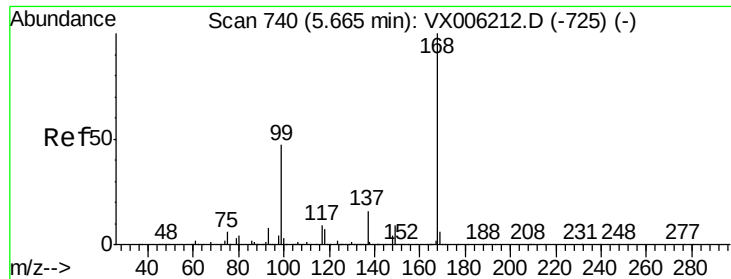
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121218\
Data File : VX006440.D
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MSVOA_X
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : 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	211711	20.385	ug/l	99
94) Hexachlorobutadiene	13.78	225	96086	20.920	ug/l	98
95) Naphthalene	13.83	128	677751	20.979	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	214014	20.805	ug/l	97

(#) = 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: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

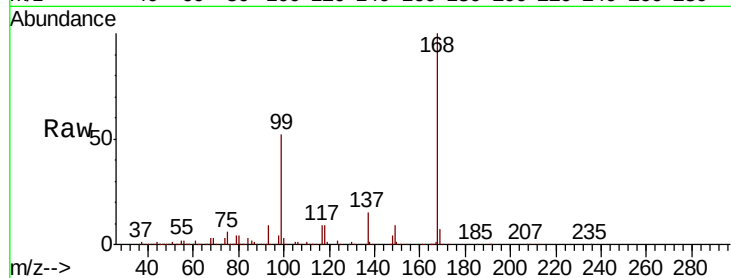
VX1212WBS01

Tot Ion:168 Resp: 580882

Ion Ratio Lower Upper

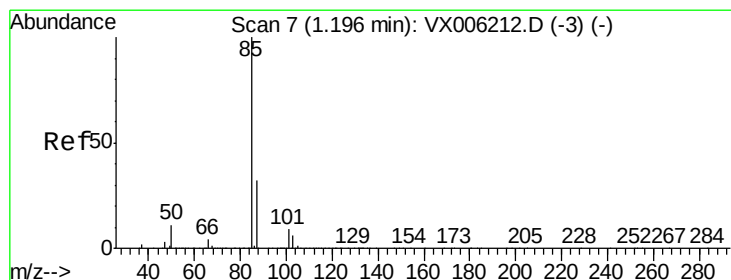
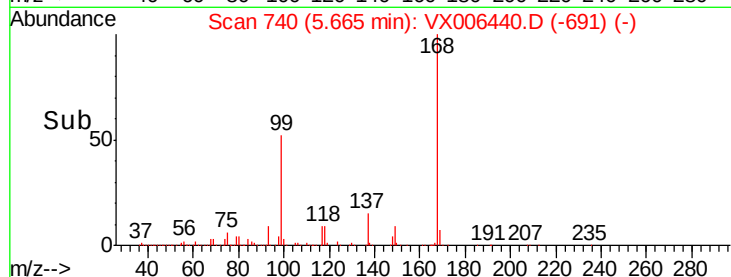
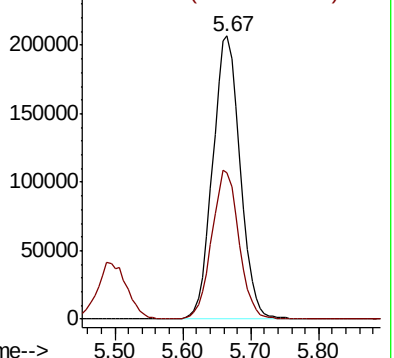
168 100

99 51.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.947 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006440.D

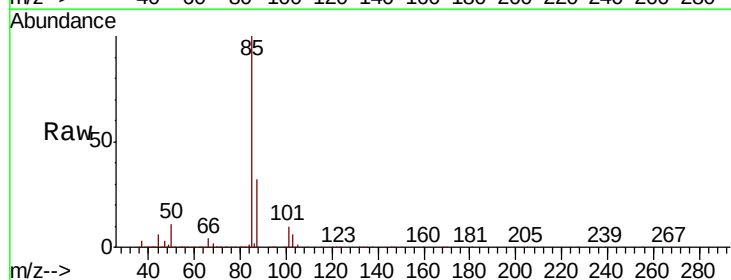
Acq: 12 Dec 2018 13:06

Tgt Ion: 85 Resp: 119139

Ion Ratio Lower Upper

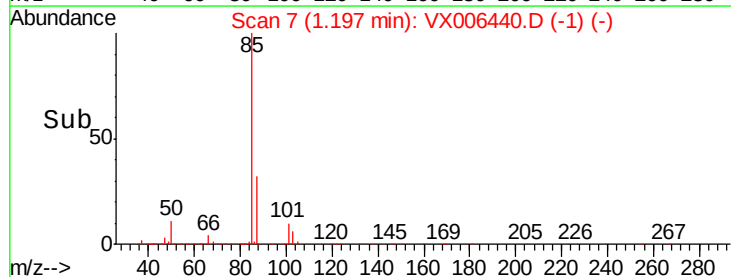
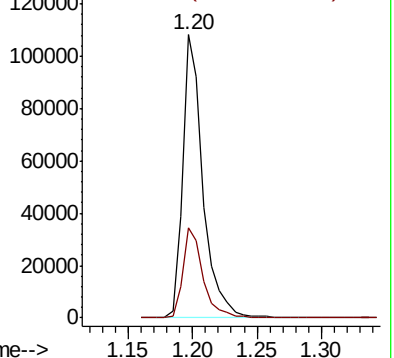
85 100

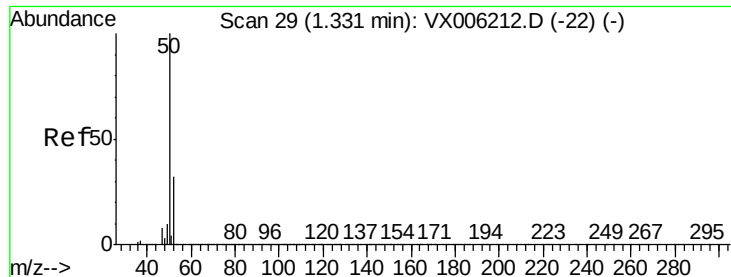
87 32.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.333 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

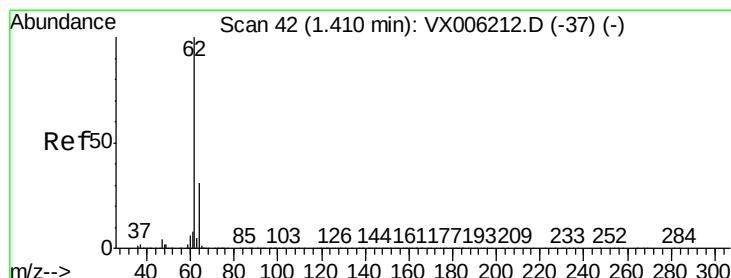
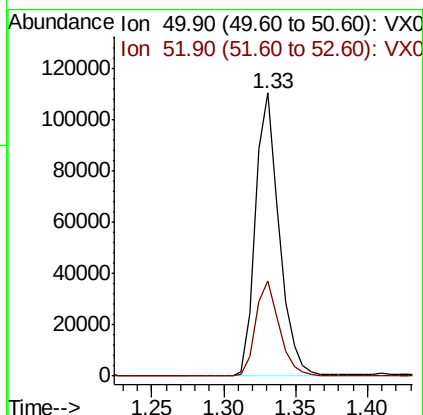
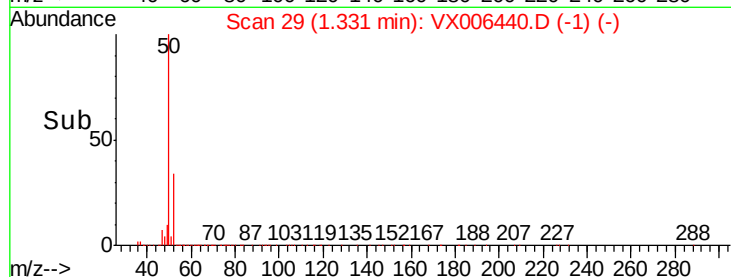
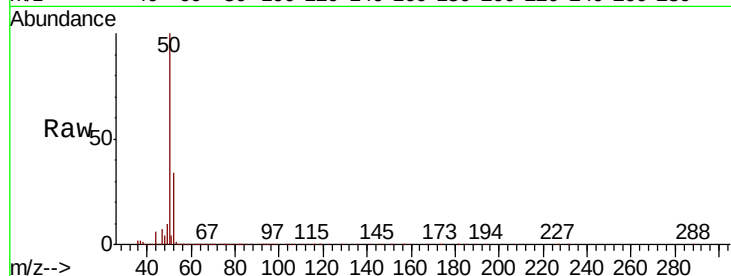
VX1212WBS01

Tot Ion: 50 Resp: 124687

Ion Ratio Lower Upper

50 100

52 33.6 25.2 37.8



#4

Vinyl Chloride

Concen: 21.830 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006440.D

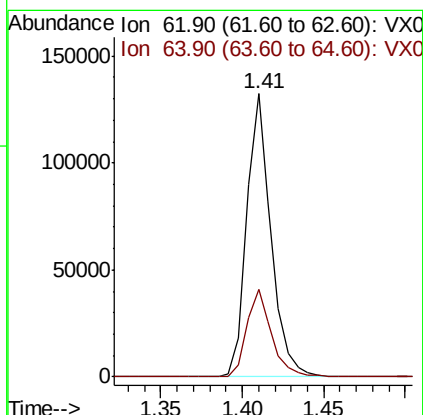
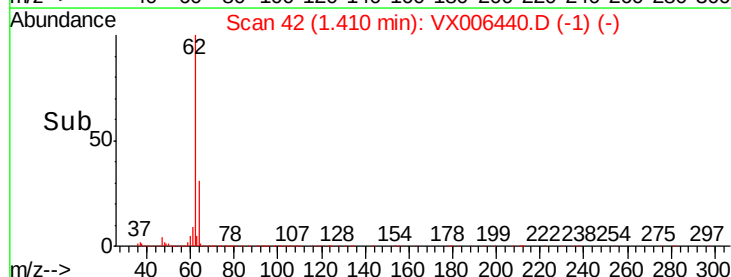
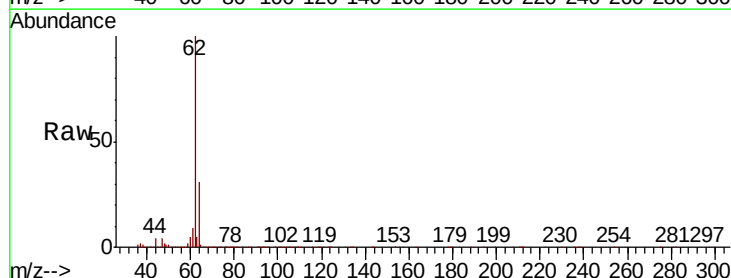
Acq: 12 Dec 2018 13:06

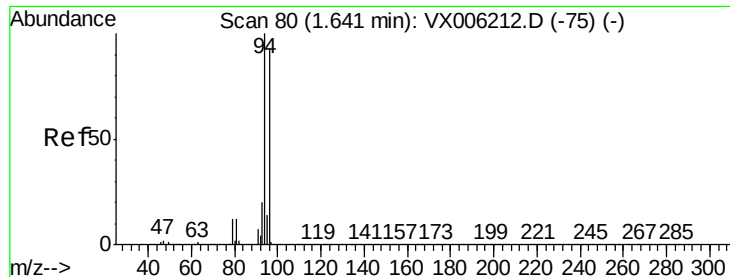
Tgt Ion: 62 Resp: 137325

Ion Ratio Lower Upper

62 100

64 30.8 24.9 37.3





#5

Bromomethane

Concen: 27.059 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

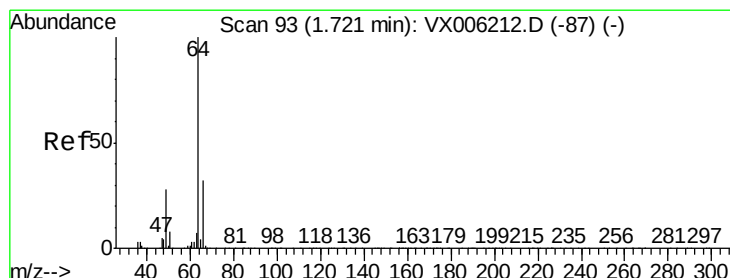
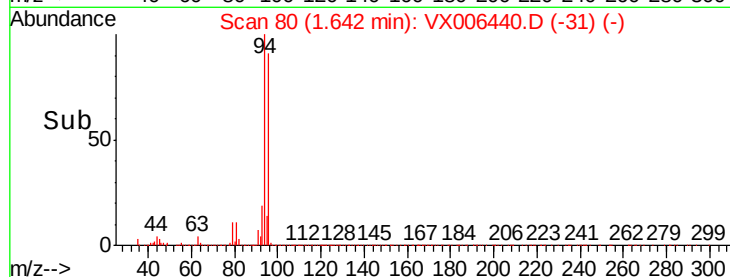
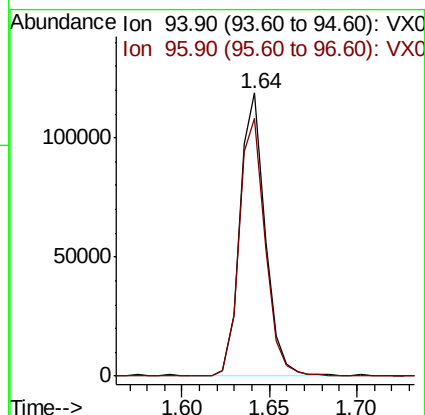
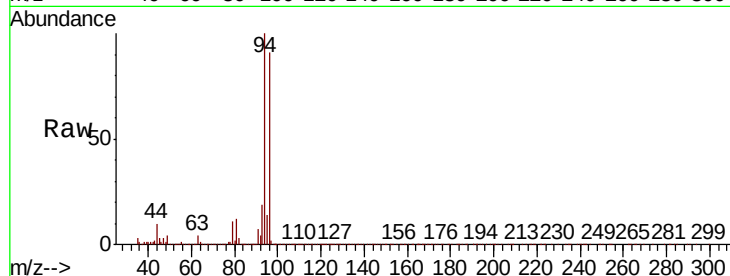
VX1212WBS01

Tot Ion: 94 Resp: 117966

Ion Ratio Lower Upper

94 100

96 90.9 74.5 111.7



#6

Chloroethane

Concen: 22.685 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006440.D

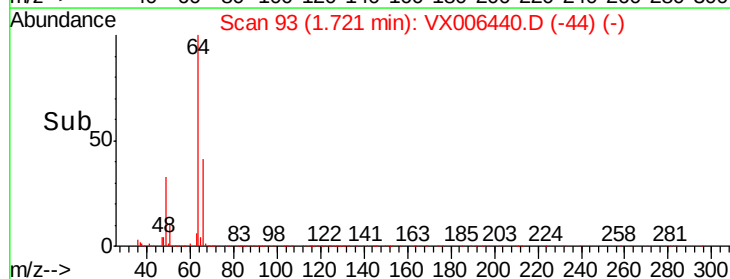
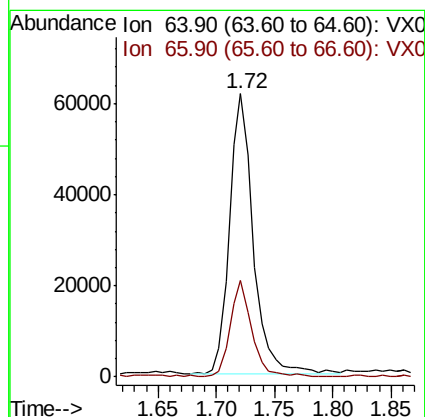
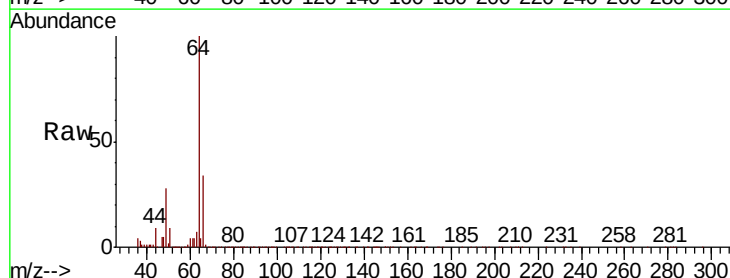
Acq: 12 Dec 2018 13:06

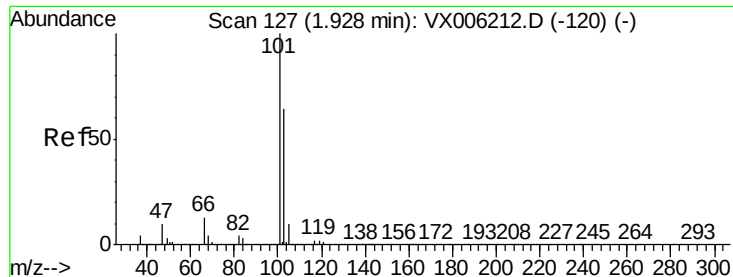
Tgt Ion: 64 Resp: 87494

Ion Ratio Lower Upper

64 100

66 34.3 25.9 38.9



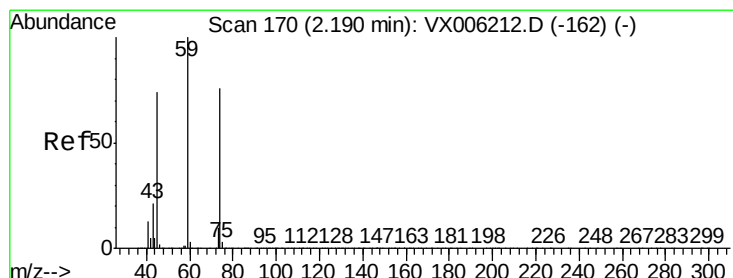
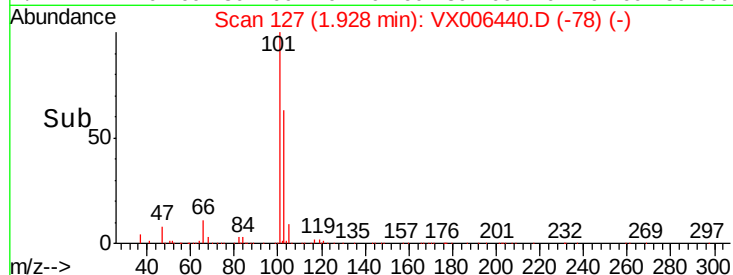
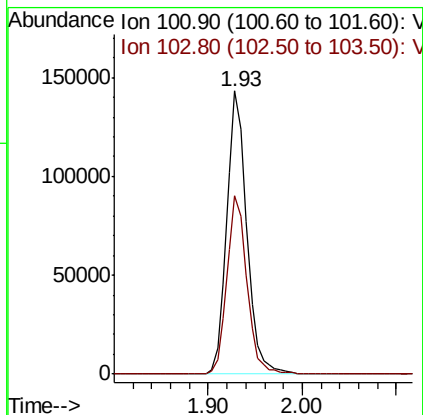
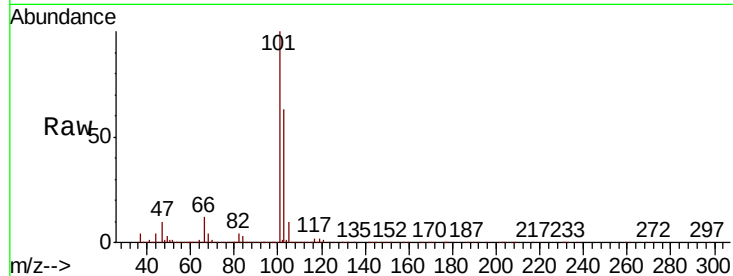


#7

Trichlorofluoromethane
Concen: 21.894 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

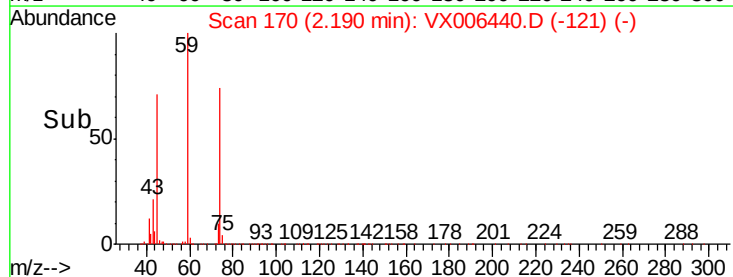
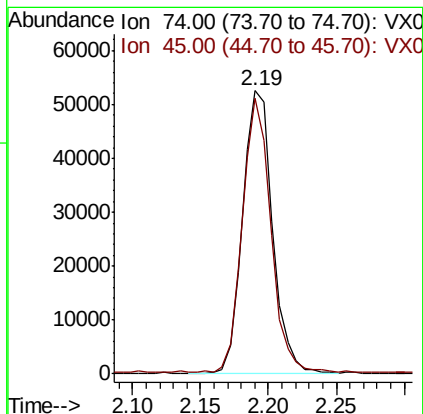
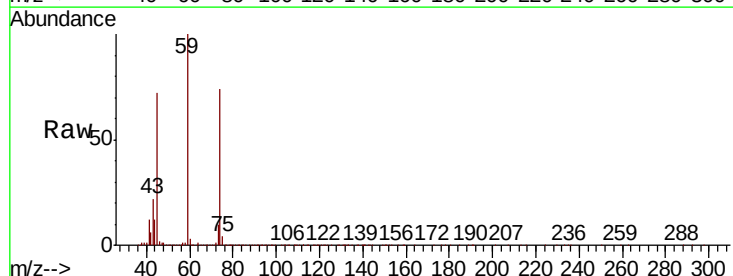
Tot Ion:101 Resp: 211411
Ion Ratio Lower Upper
101 100
103 63.1 51.0 76.4

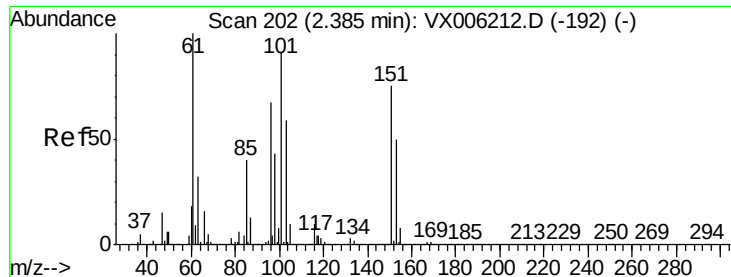


#8

Diethyl Ether
Concen: 22.142 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

Tgt Ion: 74 Resp: 80916
Ion Ratio Lower Upper
74 100
45 92.3 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.902 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

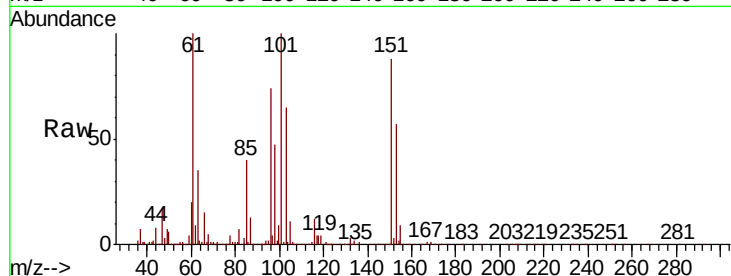
Tot Ion:101 Resp: 120257

Ion Ratio Lower Upper

101 100

85 43.9 35.5 53.3

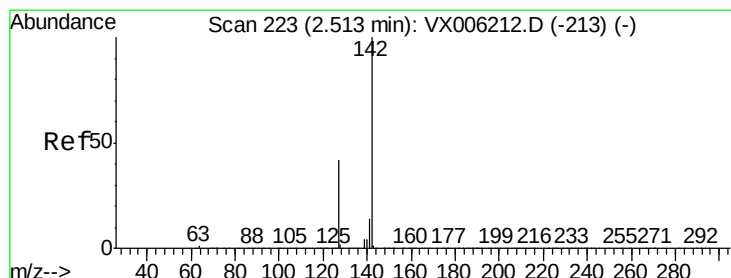
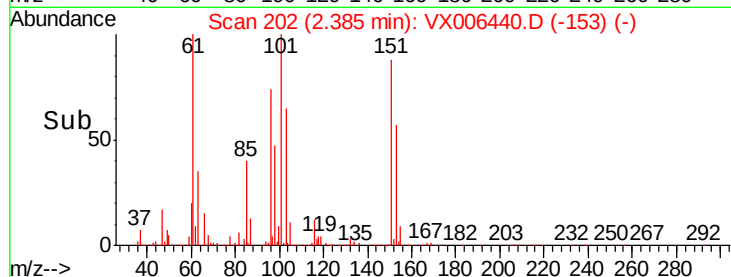
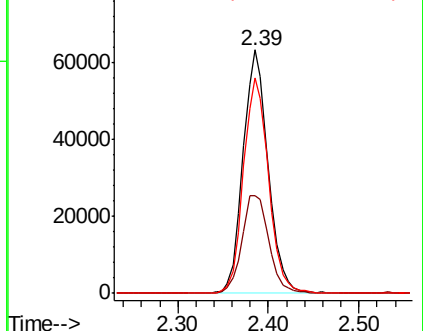
151 88.9 68.6 103.0



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: 22.025 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

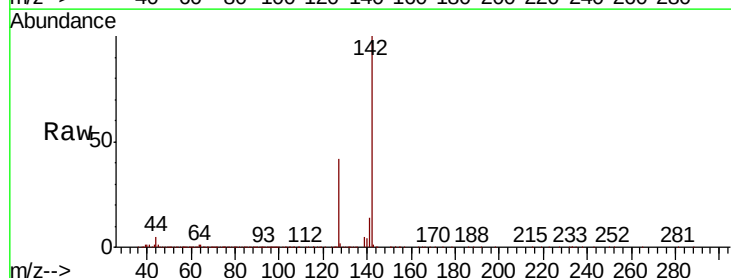
Tgt Ion:142 Resp: 182247

Ion Ratio Lower Upper

142 100

127 42.3 34.8 52.2

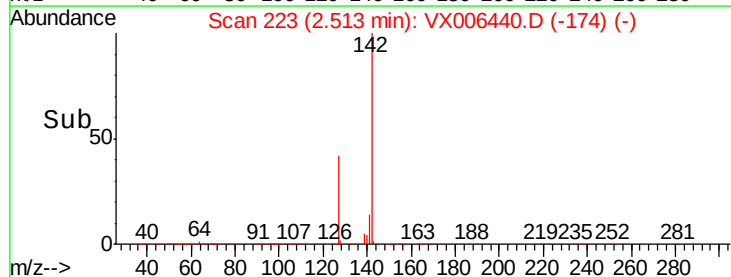
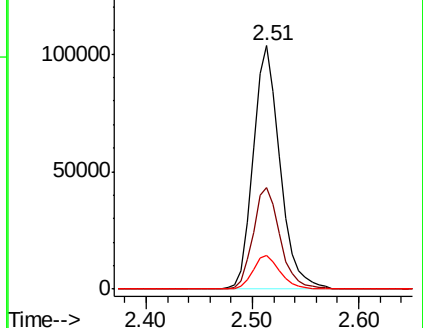
141 14.4 11.4 17.2

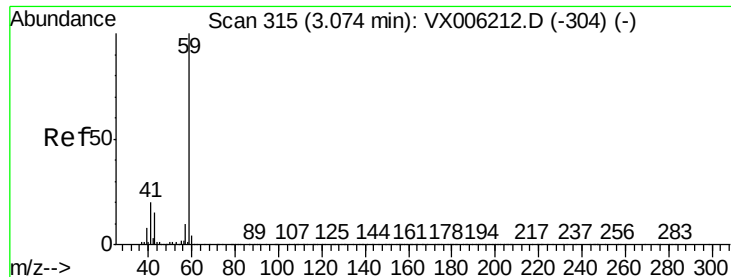


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

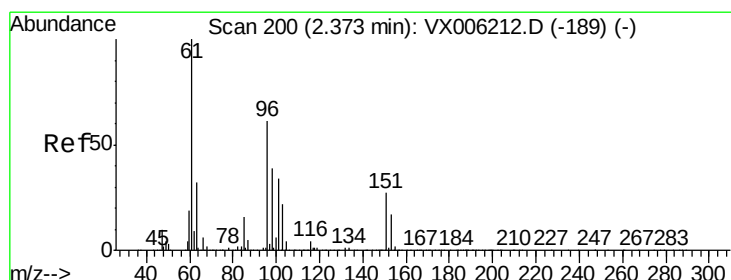
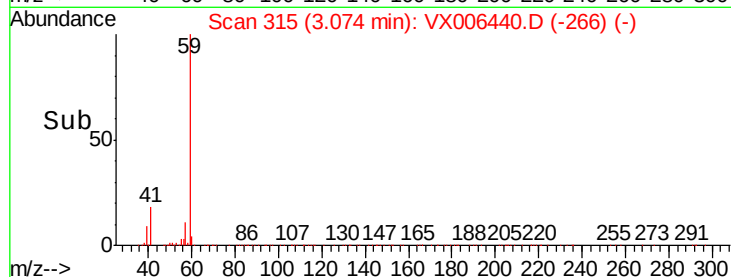
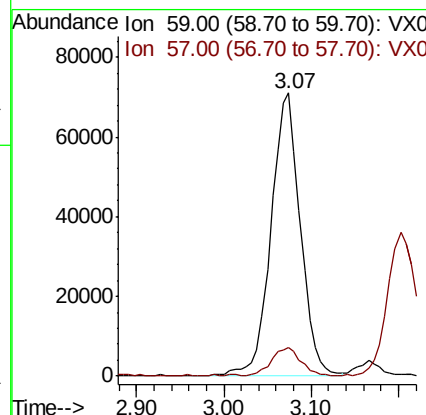
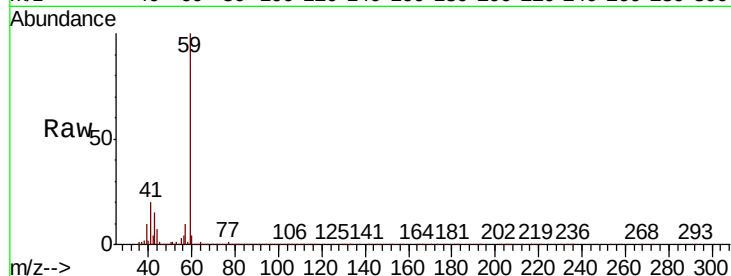




#11
Tert butyl alcohol
Concen: 102.818 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

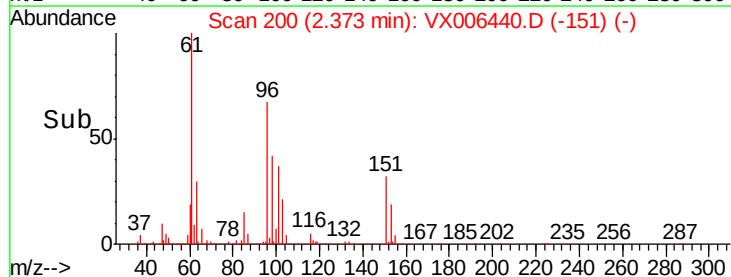
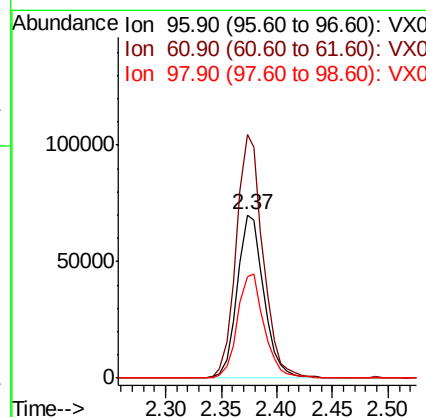
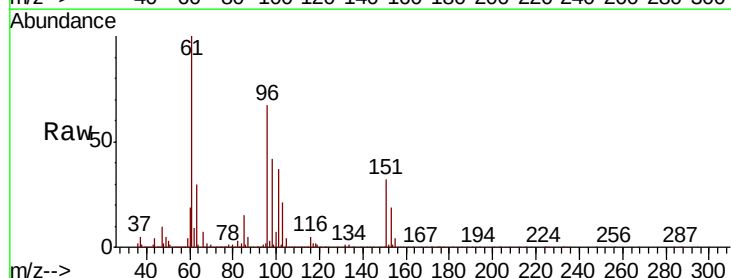
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

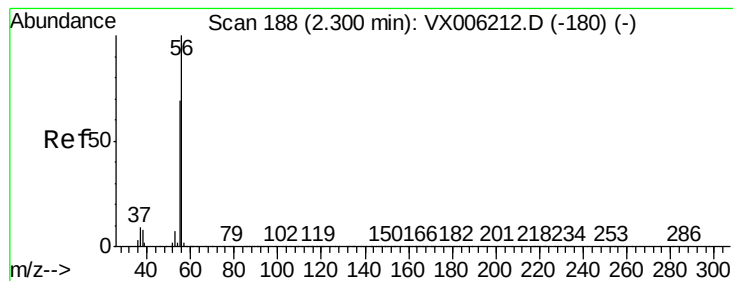
Tot Ion: 59 Resp: 166738
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 22.139 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

Tgt Ion: 96 Resp: 116369
Ion Ratio Lower Upper
96 100
61 148.9 131.7 197.5
98 61.7 51.8 77.6





#13

Acrolein

Concen: 112.915 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

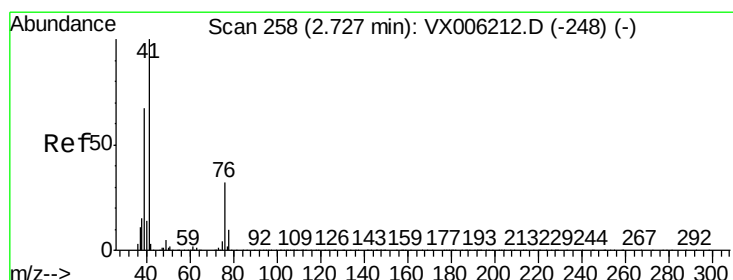
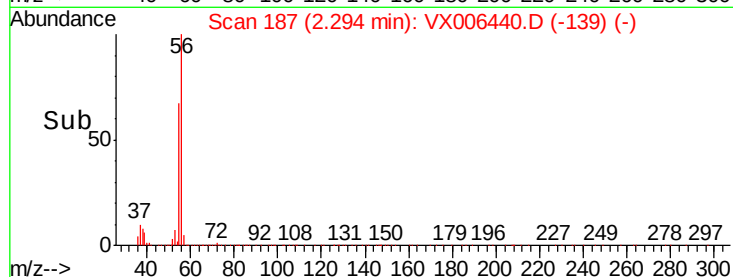
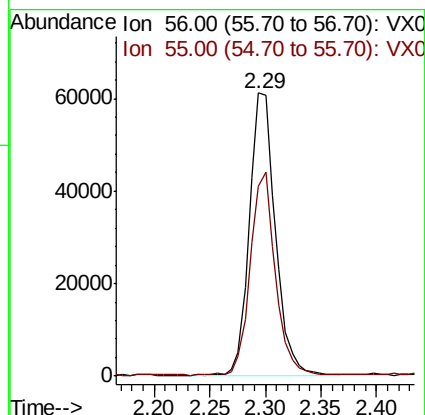
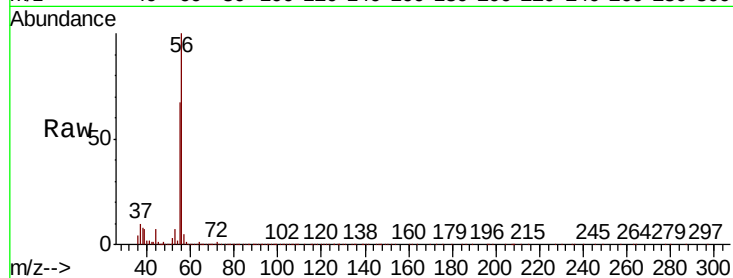
VX1212WBS01

Tot Ion: 56 Resp: 100083

Ion Ratio Lower Upper

56 100

55 69.2 57.8 86.6



#14

Allyl chloride

Concen: 19.104 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

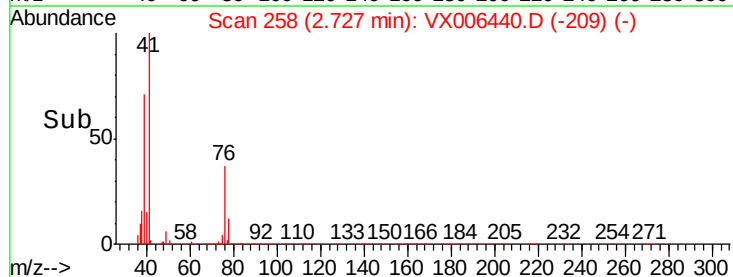
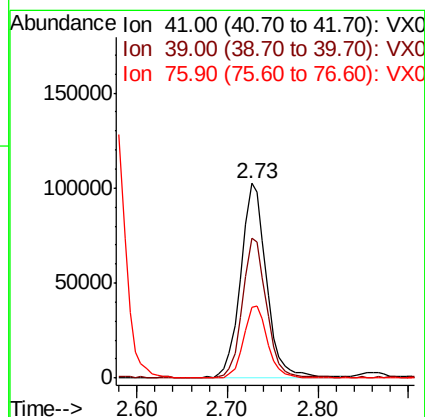
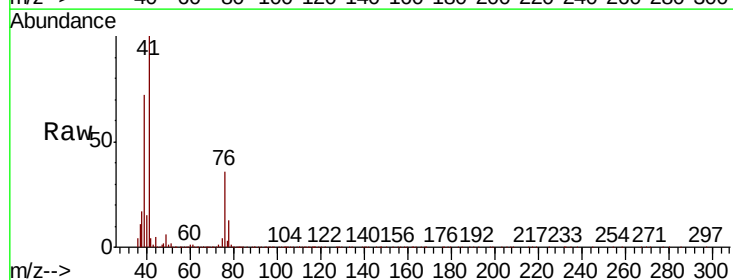
Tgt Ion: 41 Resp: 198354

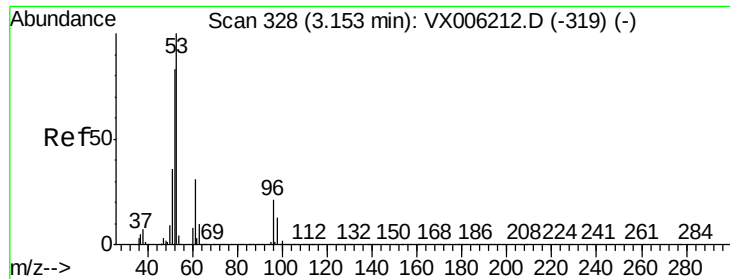
Ion Ratio Lower Upper

41 100

39 67.2 52.4 78.6

76 34.4 25.4 38.0

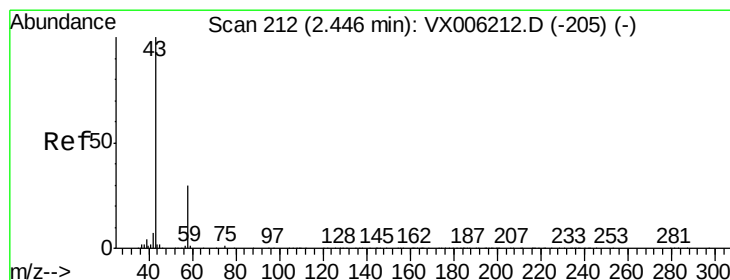
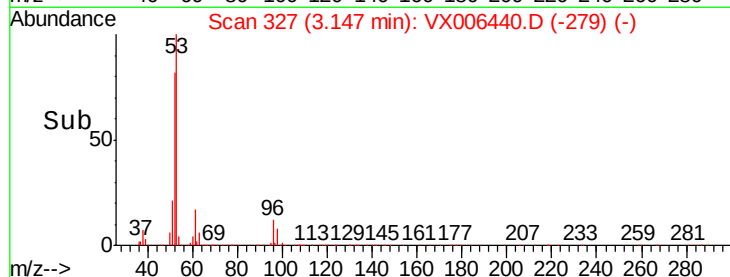
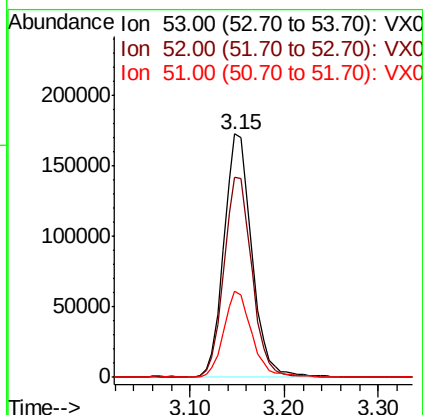
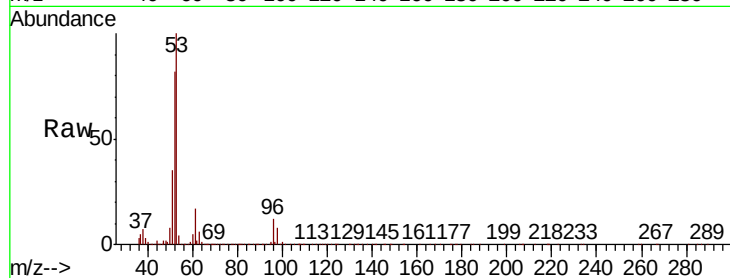




#15
 Acrylonitrile
 Concen: 103.811 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX006440.D
 Acq: 12 Dec 2018 13:06

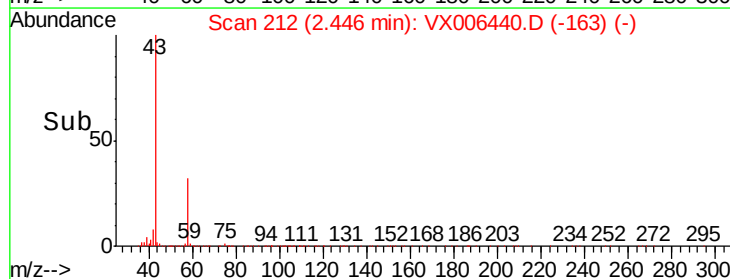
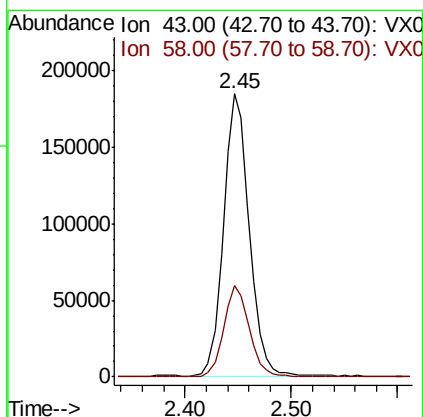
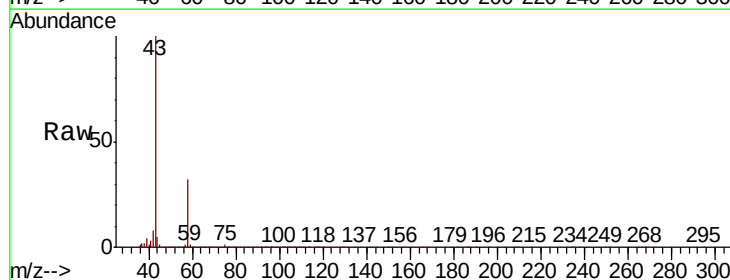
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

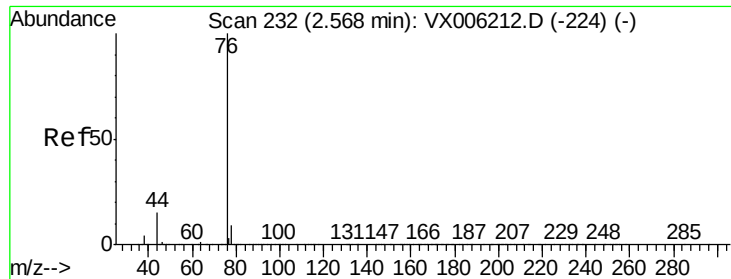
Tot Ion	53	Resp	351304
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.2	99.4
51	35.7	28.7	43.1



#16
 Acetone
 Concen: 110.997 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006440.D
 Acq: 12 Dec 2018 13:06

Tgt Ion	43	Resp	308889
Ion Ratio	Lower	Upper	
43	100		
58	32.5	24.0	36.0





#17

Carbon Disulfide

Concen: 19.328 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

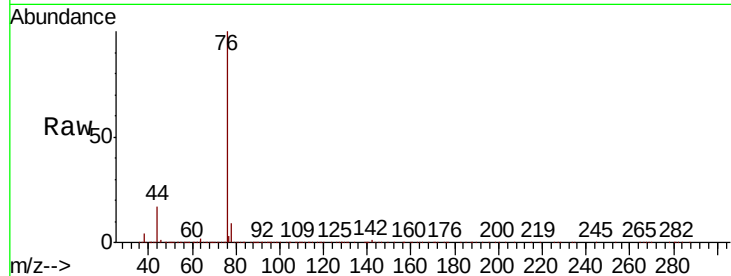
VX1212WBS01

Tot Ion: 76 Resp: 313040

Ion Ratio Lower Upper

76 100

78 8.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

150000

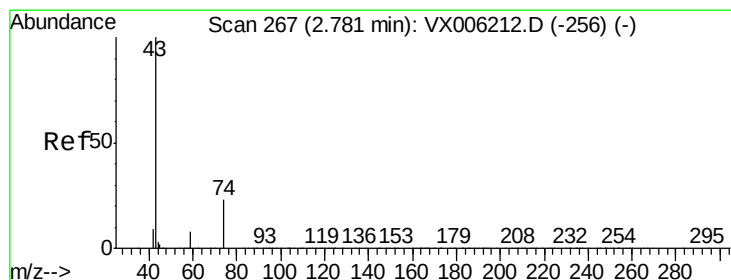
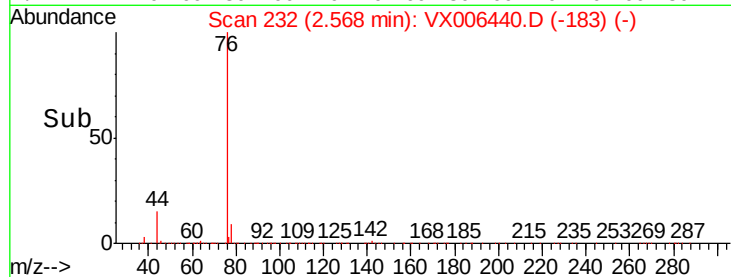
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 20.128 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006440.D

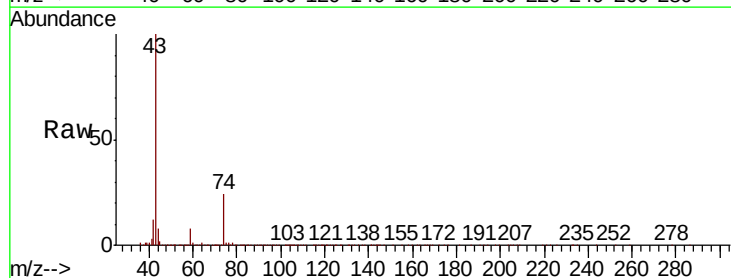
Acq: 12 Dec 2018 13:06

Tgt Ion: 43 Resp: 187318

Ion Ratio Lower Upper

43 100

74 24.2 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

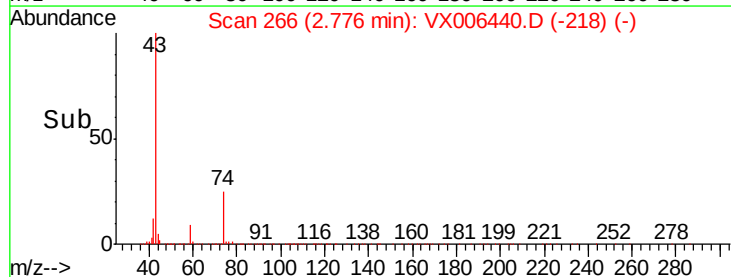
40000

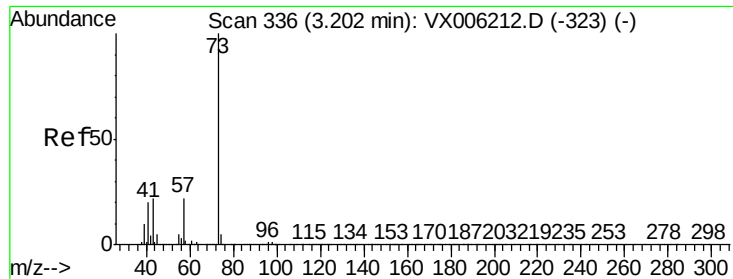
20000

0

2.70 2.75 2.80 2.85

Time-->

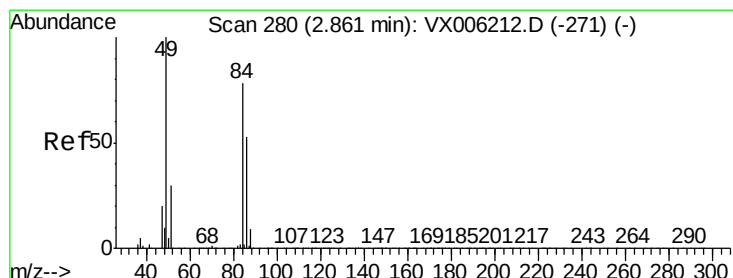
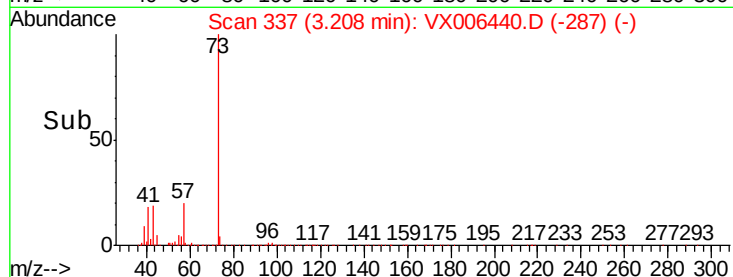
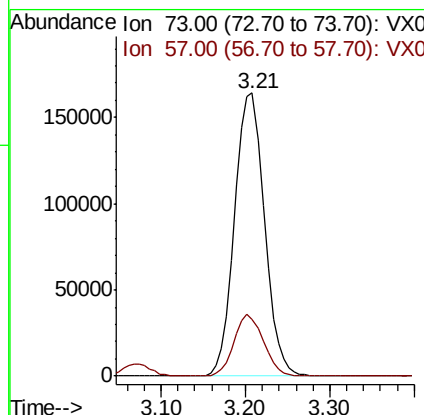
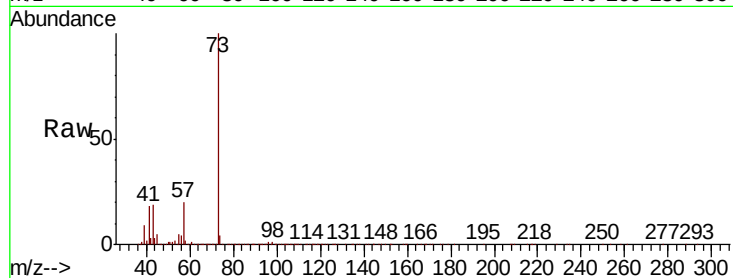




#19
Methyl tert-butyl Ether
Concen: 21.087 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

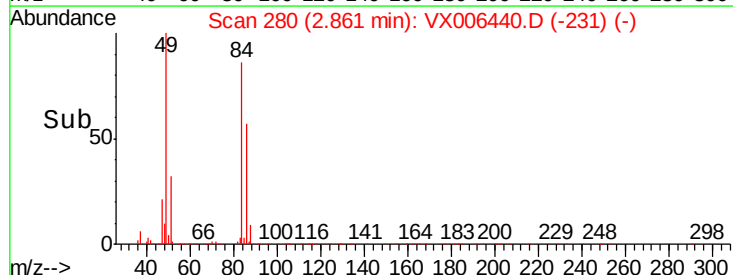
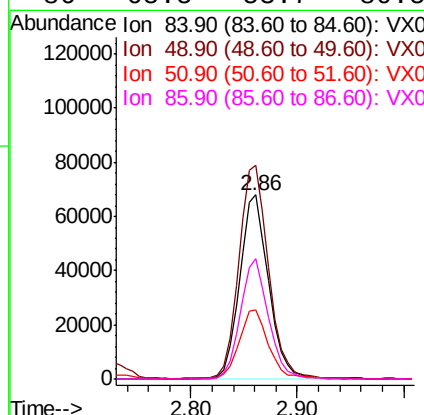
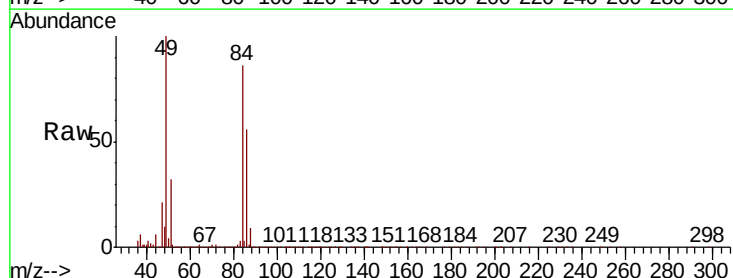
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

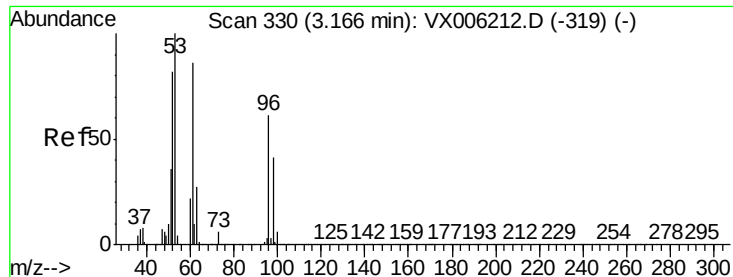
Tot Ion: 73 Resp: 395394
Ion Ratio Lower Upper
73 100
57 20.1 17.5 26.3



#20
Methylene Chloride
Concen: 21.933 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

Tgt Ion: 84 Resp: 129898
Ion Ratio Lower Upper
84 100
49 115.7 102.2 153.4
51 36.9 31.1 46.7
86 65.5 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 21.699 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampled :

VX1212WBS01

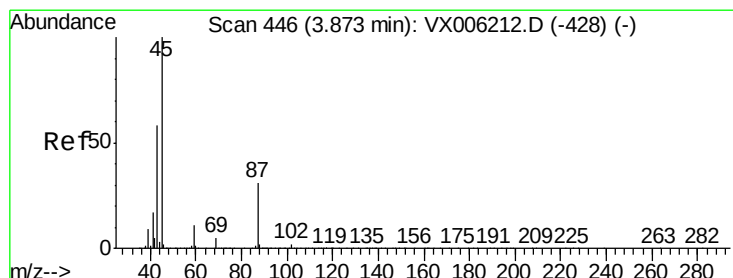
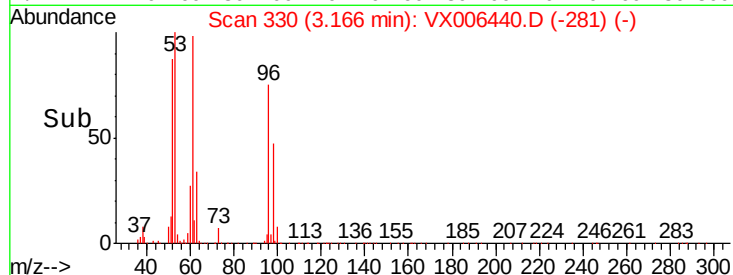
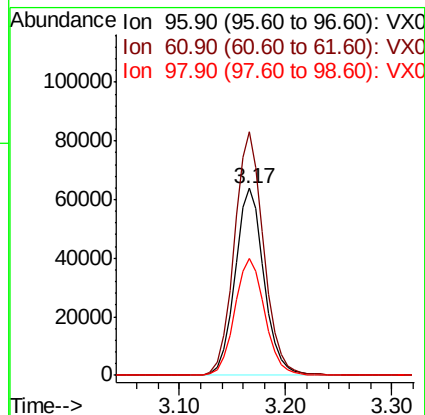
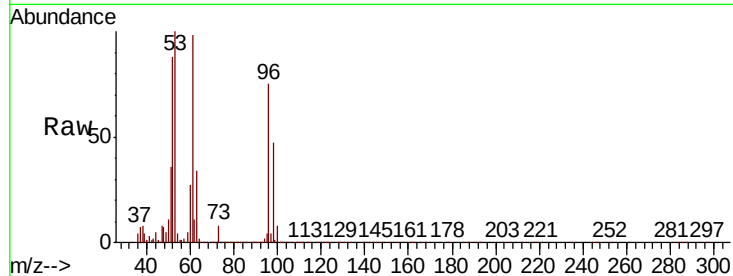
Tot Ion: 96 Resp: 121542

Ion Ratio Lower Upper

96 100

61 129.9 113.3 169.9

98 62.5 53.2 79.8



#22

Diisopropyl ether

Concen: 21.928 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Tgt Ion: 45 Resp: 355623

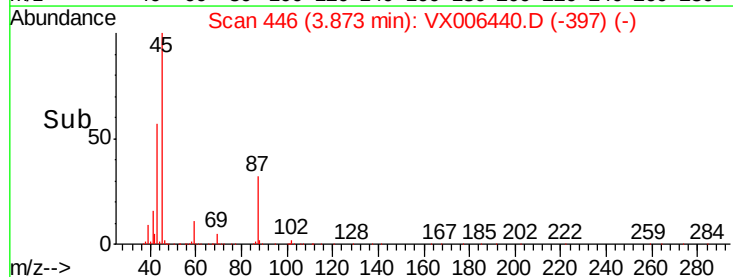
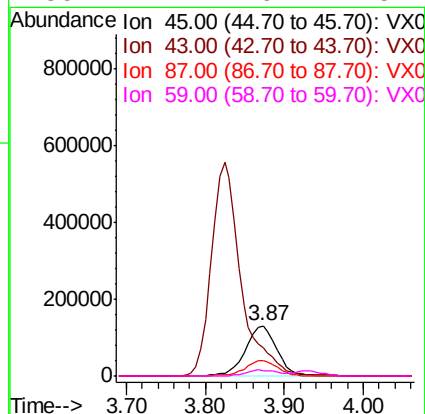
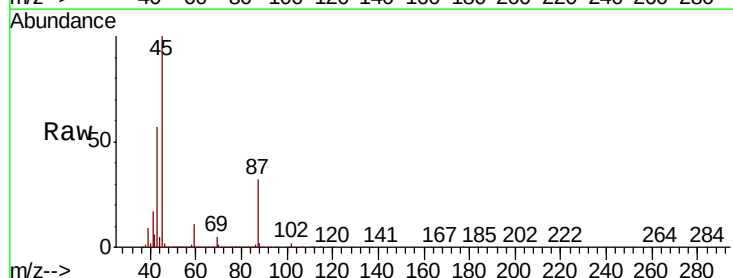
Ion Ratio Lower Upper

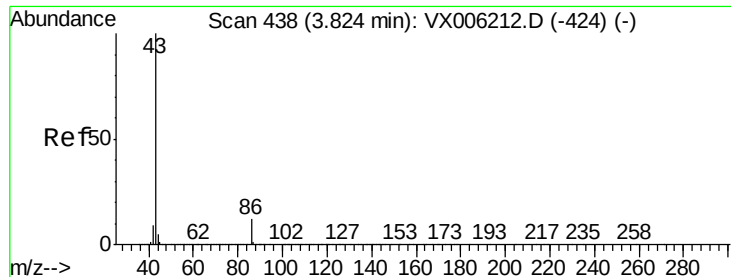
45 100

43 56.0 46.2 69.2

87 31.7 24.9 37.3

59 11.4 9.1 13.7





#23

Vinyl Acetate

Concen: 105.694 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

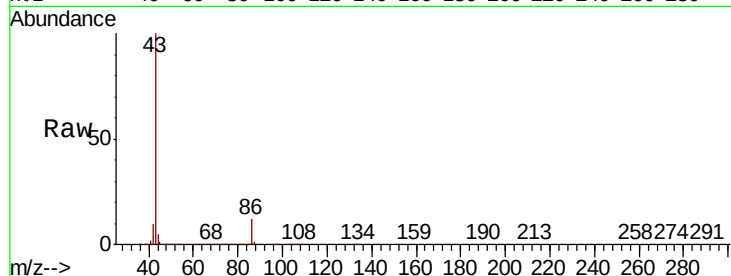
VX1212WBS01

Tot Ion: 43 Resp: 1462010

Ion Ratio Lower Upper

43 100

86 12.1 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

600000

500000

400000

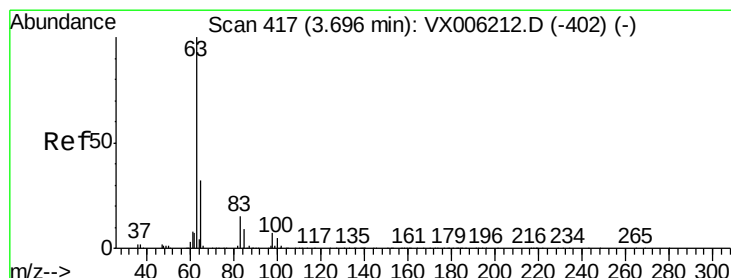
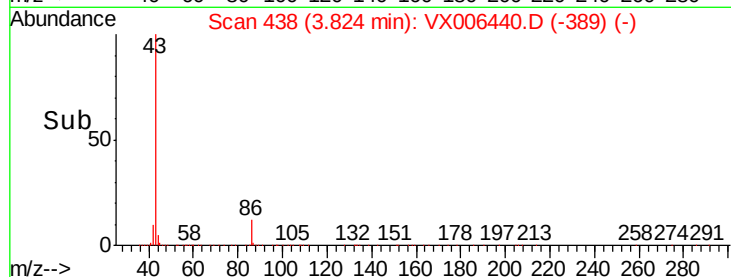
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 22.808 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

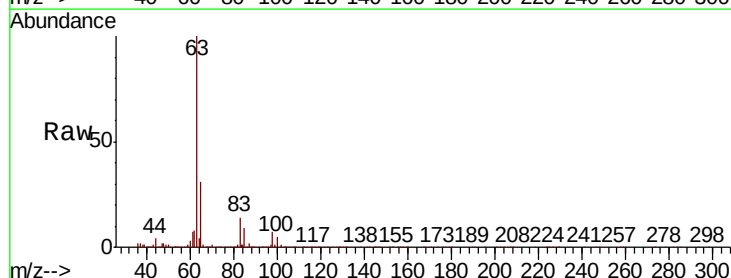
Tgt Ion: 63 Resp: 211425

Ion Ratio Lower Upper

63 100

98 6.5 3.8 11.4

100 4.6 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

120000

100000

80000

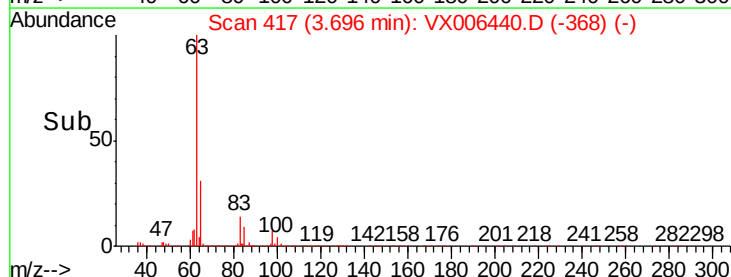
60000

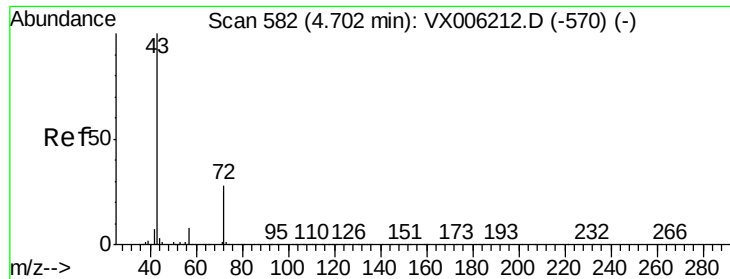
40000

20000

0

Time-->

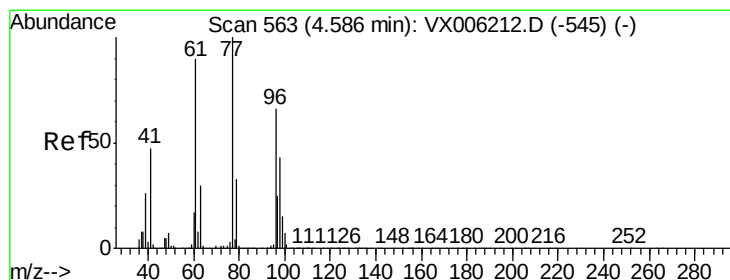
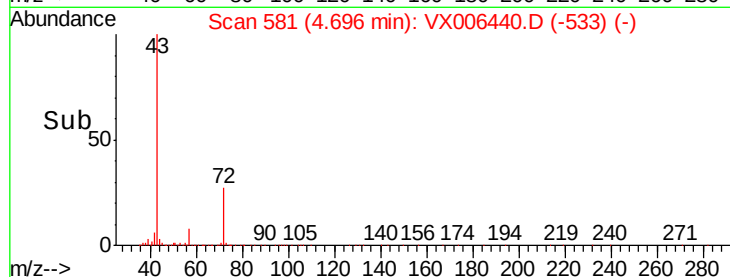
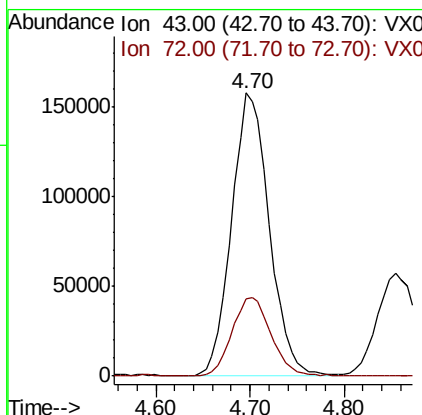
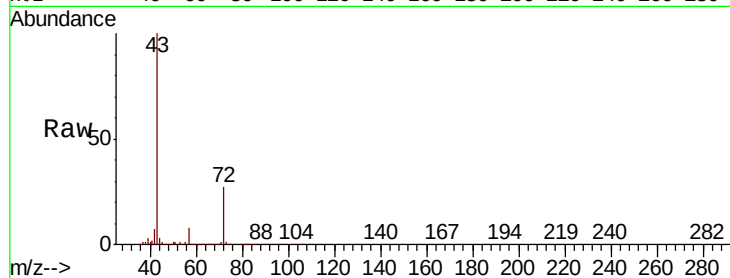




#25
2-Butanone
Concen: 110.416 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

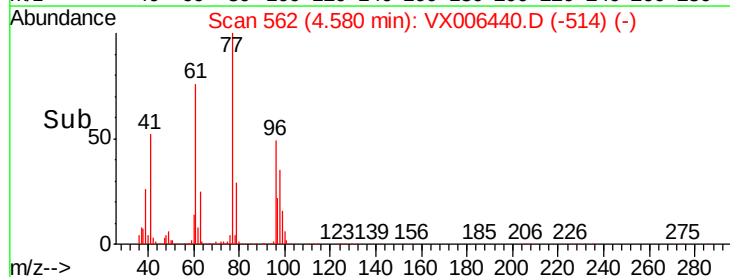
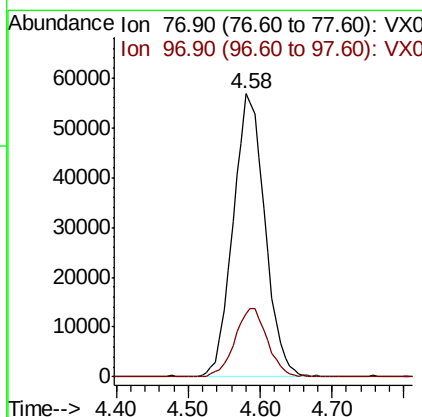
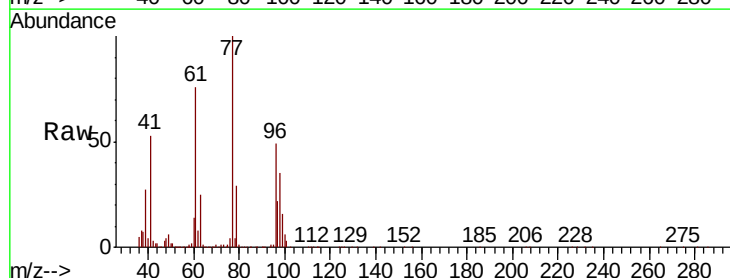
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

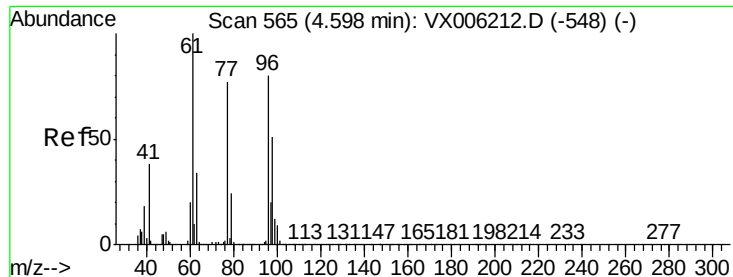
Tot Ion: 43 Resp: 438433
Ion Ratio Lower Upper
43 100
72 27.3 22.6 33.8



#26
2,2-Dichloropropane
Concen: 20.374 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.01 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

Tgt Ion: 77 Resp: 174301
Ion Ratio Lower Upper
77 100
97 24.8 12.3 36.8



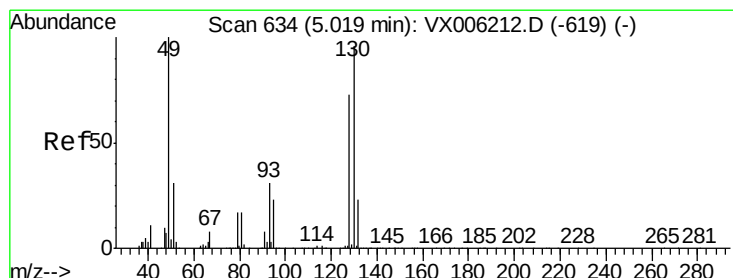
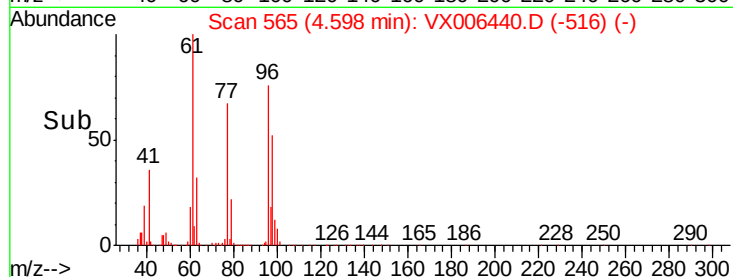
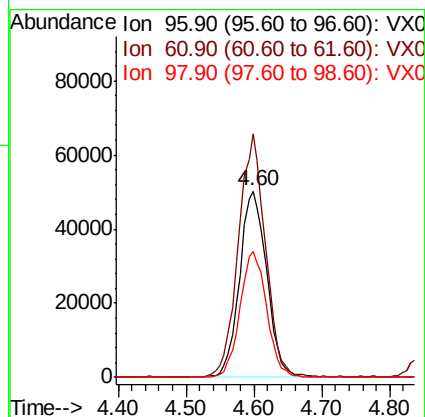
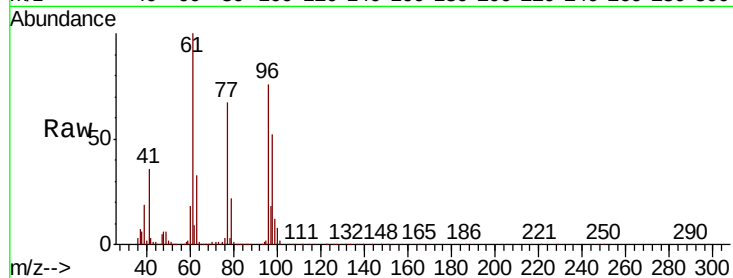


#27

cis-1,2-Dichloroethene
Concen: 22.277 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

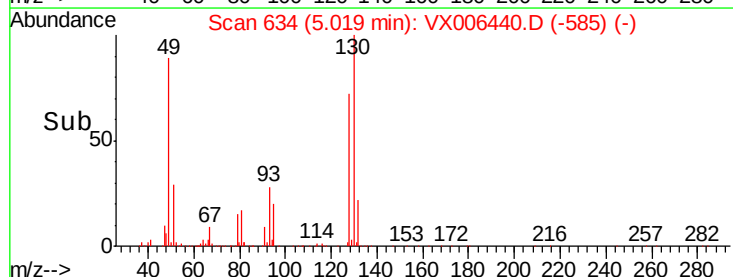
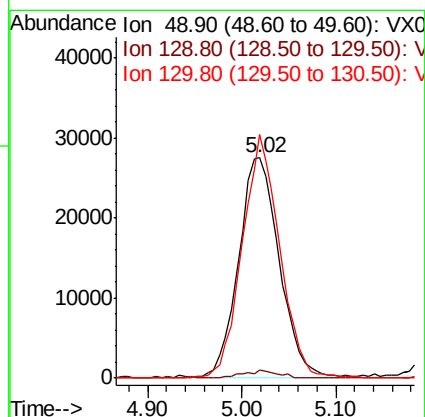
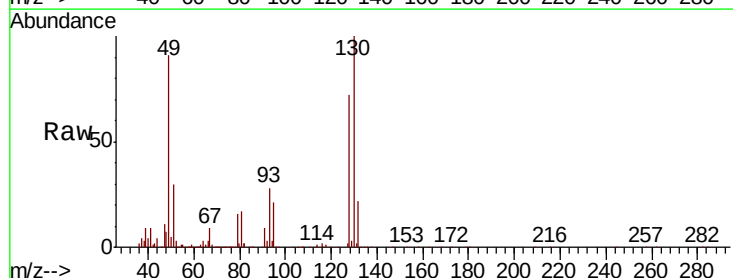
Tot Ion	Ratio	Lower	Upper
96	100		
61	129.9	0.0	265.0
98	66.4	0.0	130.2

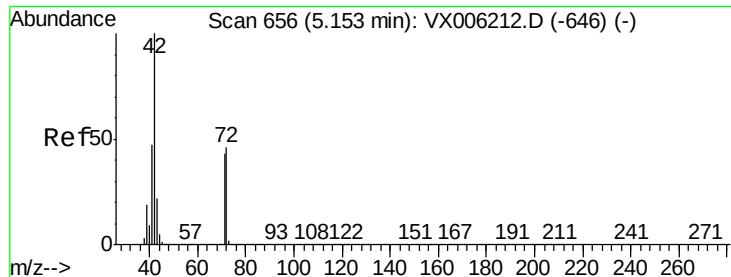


#28

Bromochloromethane
Concen: 20.380 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.0
130	102.5	78.3	117.5





#29

Tetrahydrofuran

Concen: 106.261 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

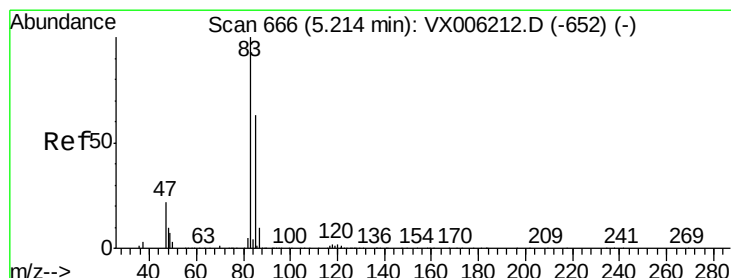
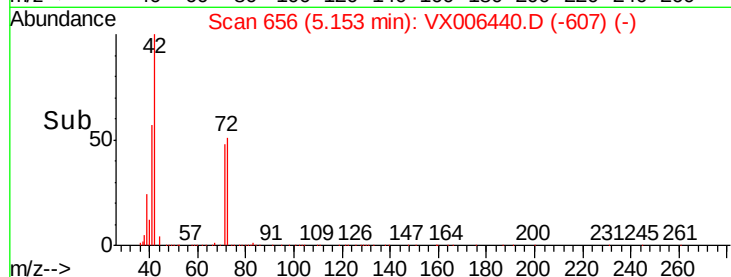
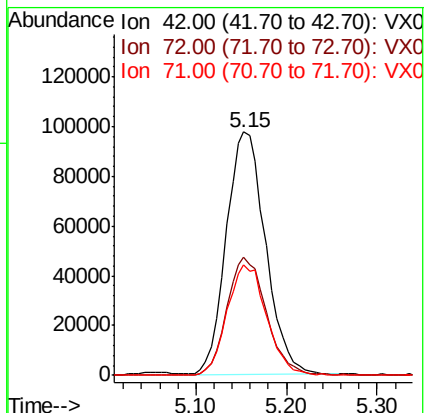
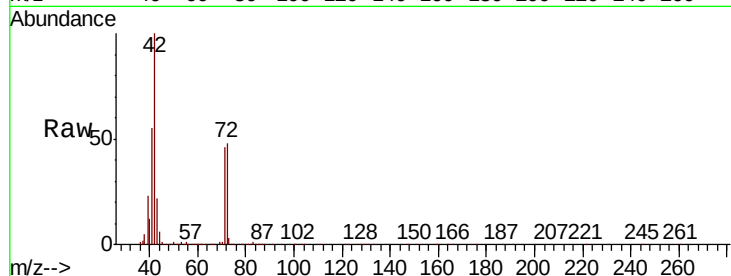
Tot Ion: 42 Resp: 293242

Ion Ratio Lower Upper

42 100

72 49.0 37.8 56.8

71 45.8 35.2 52.8



#30

Chloroform

Concen: 22.422 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006440.D

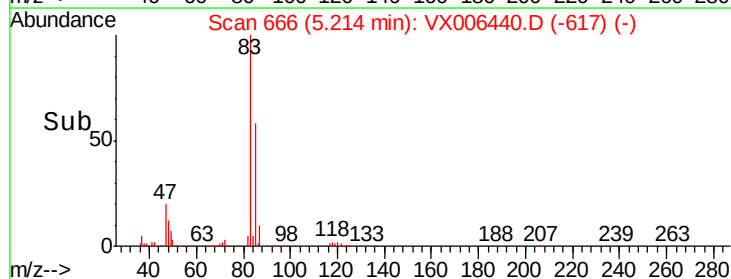
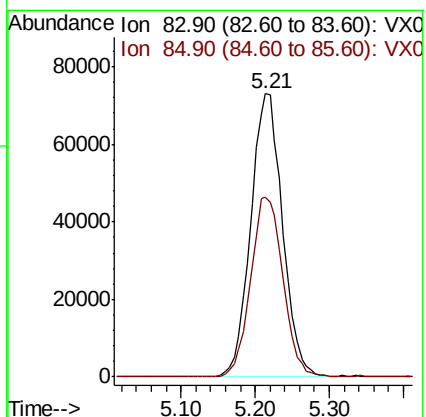
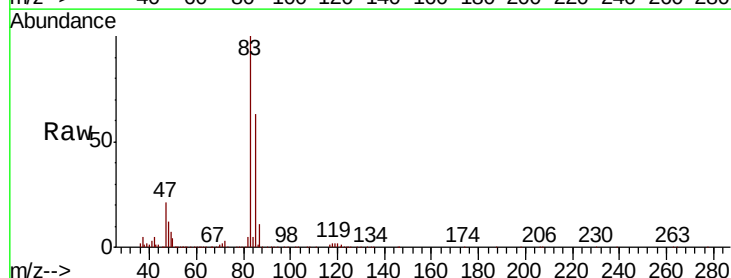
Acq: 12 Dec 2018 13:06

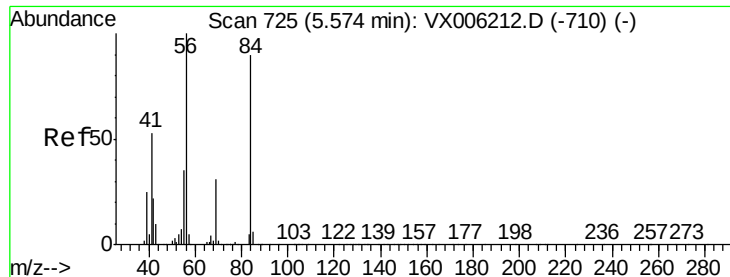
Tgt Ion: 83 Resp: 218419

Ion Ratio Lower Upper

83 100

85 63.2 50.3 75.5

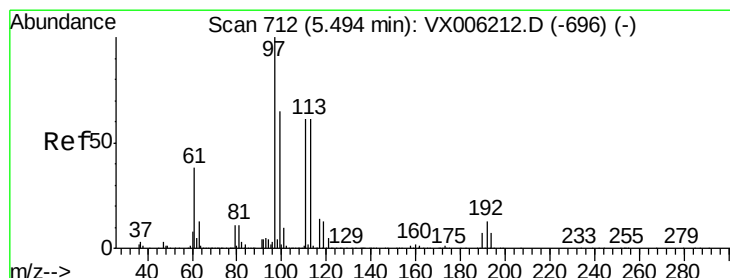
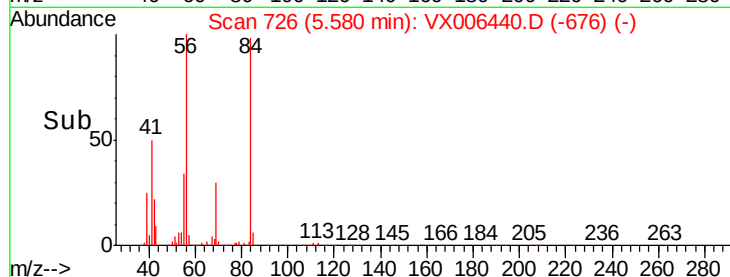
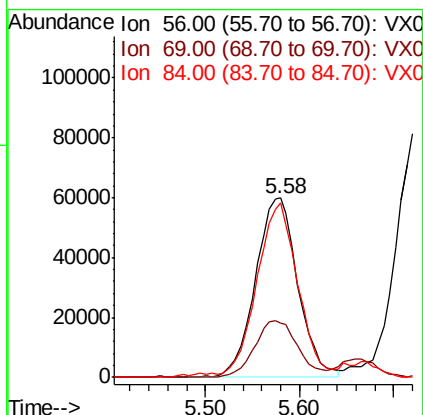
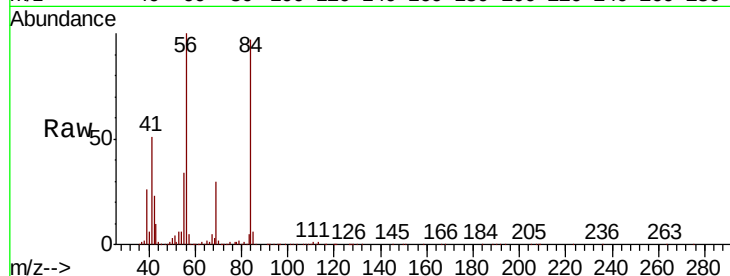




#31
Cyclohexane
Concen: 21.849 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

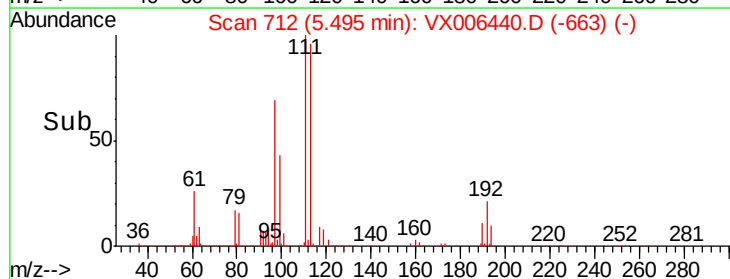
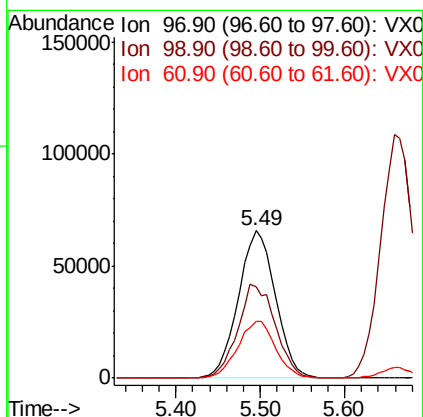
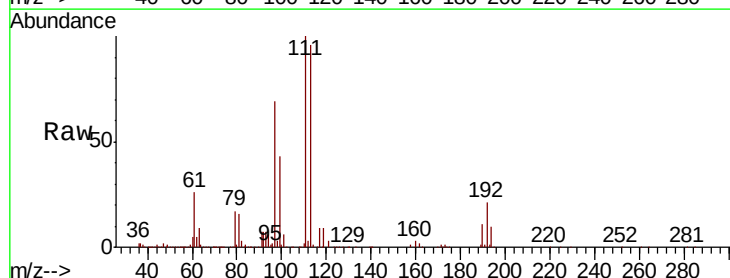
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

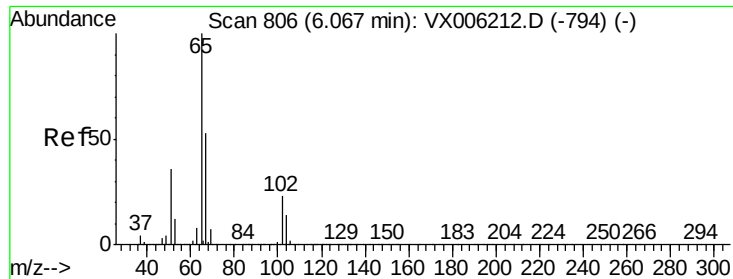
Tot Ion: 56 Resp: 187175
Ion Ratio Lower Upper
56 100
69 30.2 24.5 36.7
84 96.5 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 21.213 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

Tgt Ion: 97 Resp: 196617
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 38.6 30.6 46.0

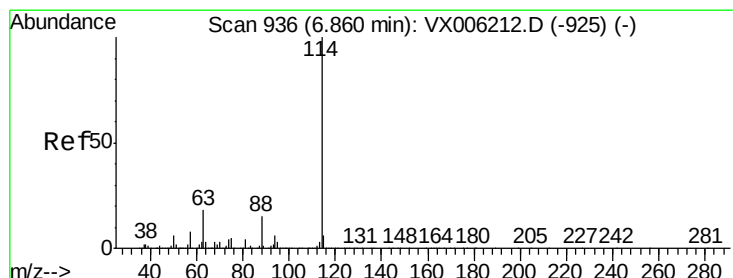
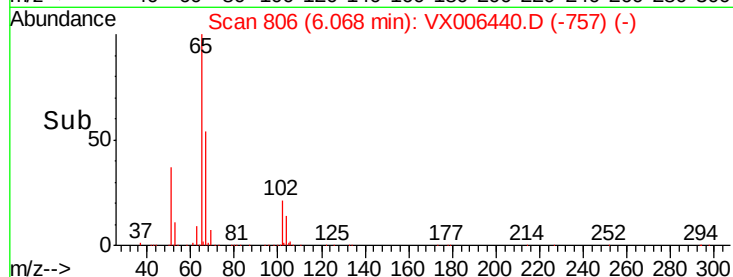
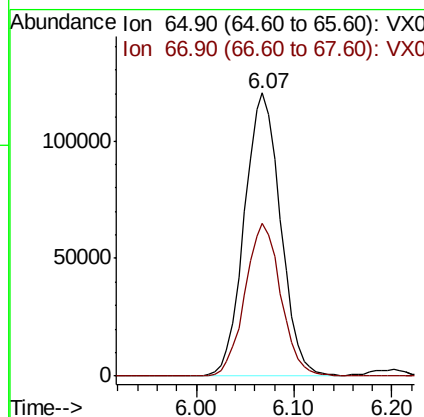
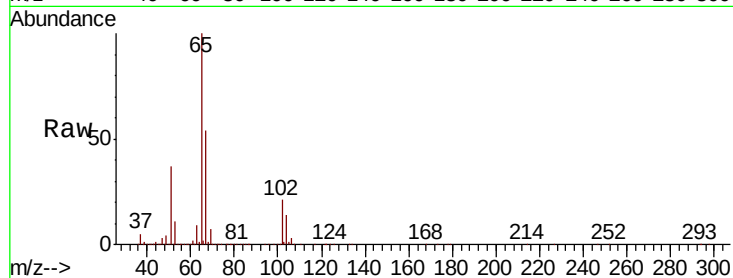




#33
 1,2-Dichloroethane-d4
 Concen: 52.274 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006440.D
 Acq: 12 Dec 2018 13:06

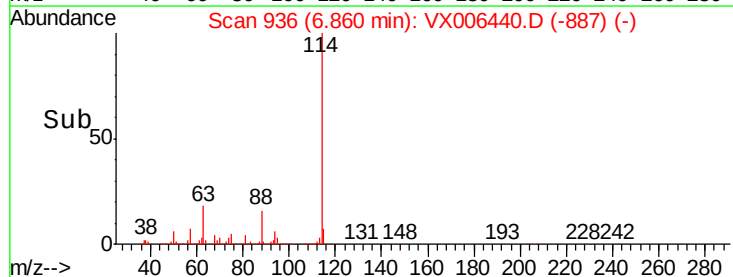
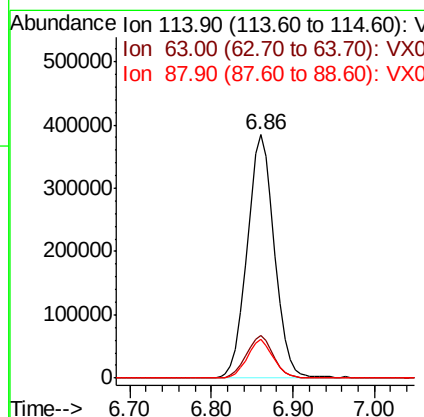
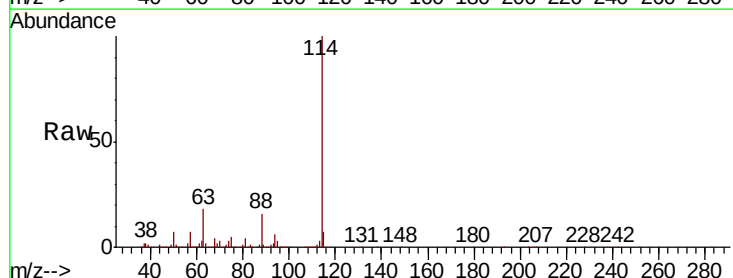
Instrument :
 MSVOA_X
 ClientSampled :
 VX1212WBS01

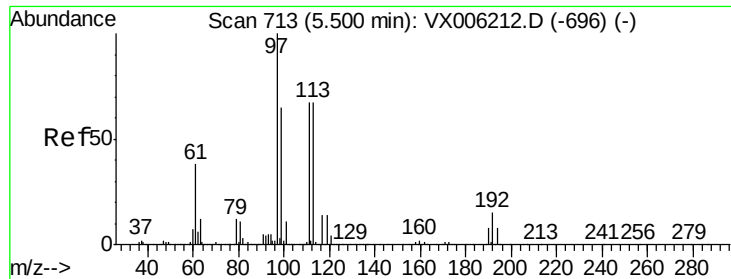
Tot Ion: 65 Resp: 309980
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006440.D
 Acq: 12 Dec 2018 13:06

Tgt Ion: 114 Resp: 892259
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.6
 88 15.7 0.0 29.0

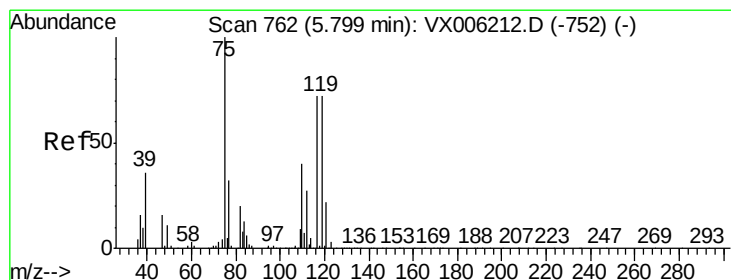
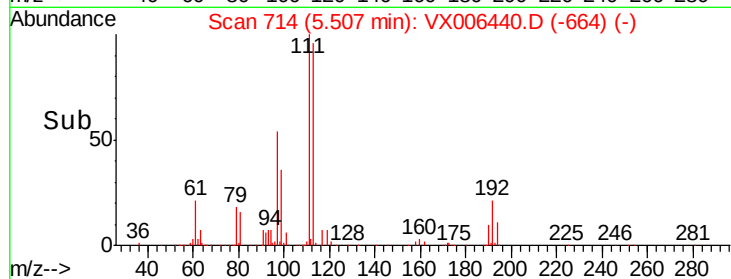
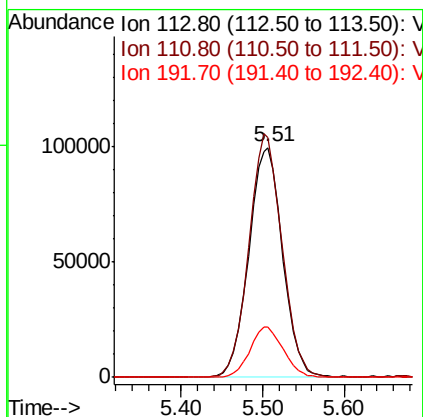
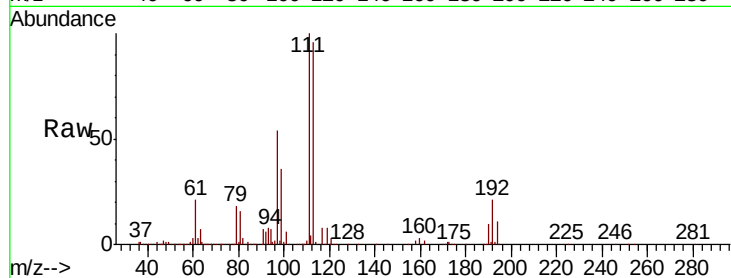




#35
 Dibromofluoromethane
 Concen: 49.603 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006440.D
 Acq: 12 Dec 2018 13:06

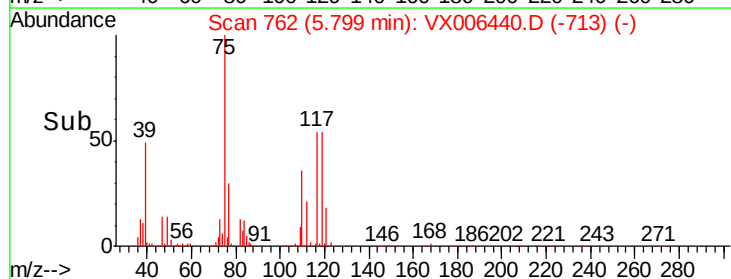
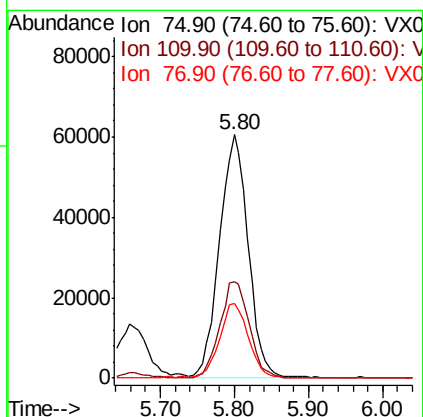
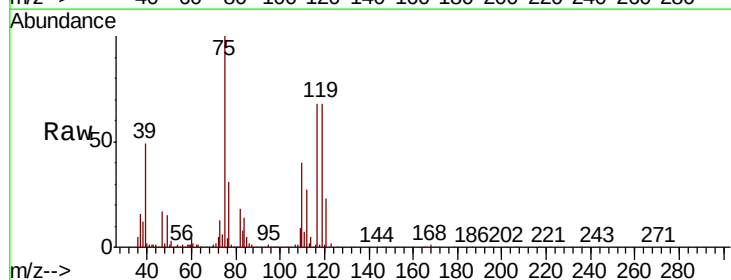
Instrument :
 MSVOA_X
 ClientSampled :
 VX1212WBS01

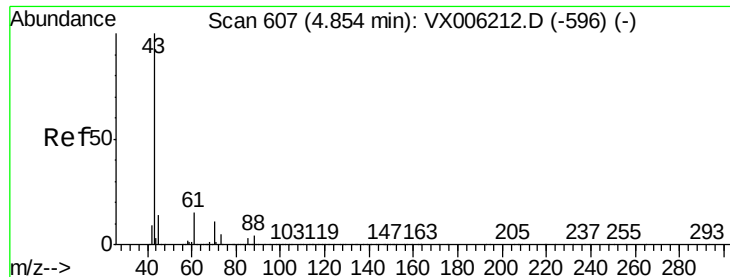
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.1	121.7
192	21.9	18.2	27.2



#36
 1,1-Dichloropropene
 Concen: 21.575 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX006440.D
 Acq: 12 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.6	20.4	61.3
77	30.3	24.9	37.3

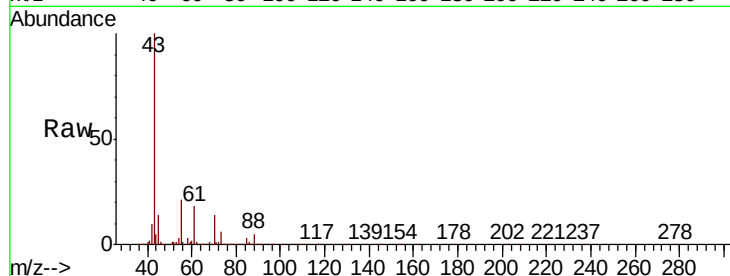




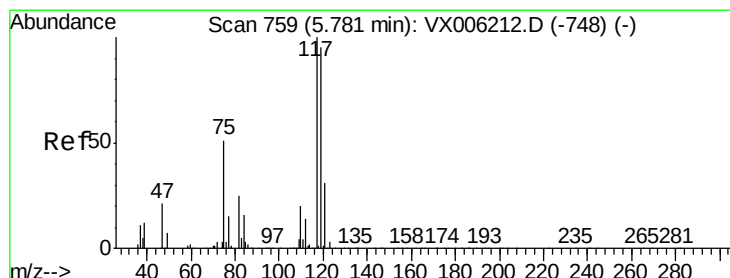
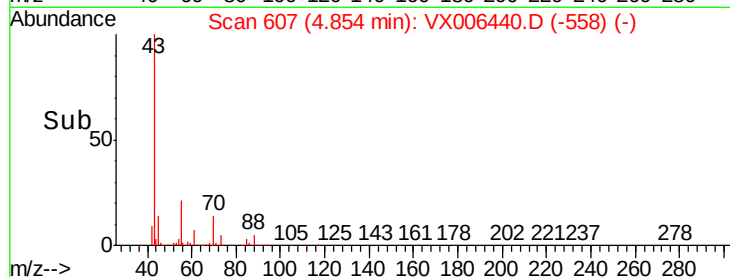
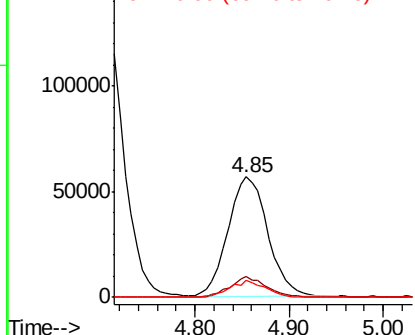
#37
Ethyl Acetate
Concen: 19.826 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tot Ion: 43 Resp: 166827
Ion Ratio Lower Upper
43 100
61 15.6 11.5 17.3
70 12.9 9.0 13.6

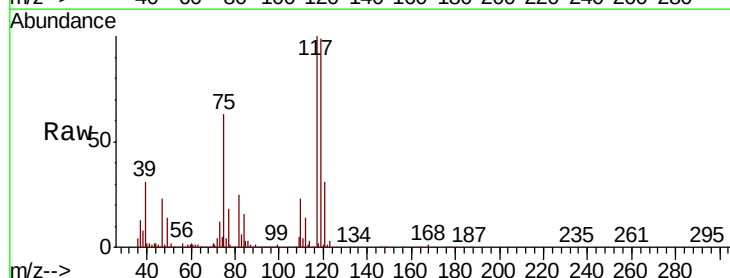


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

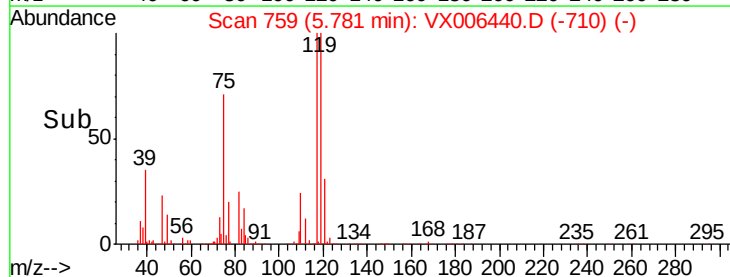
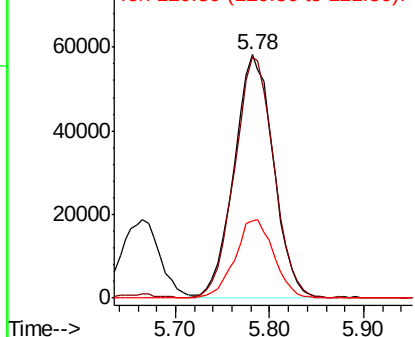


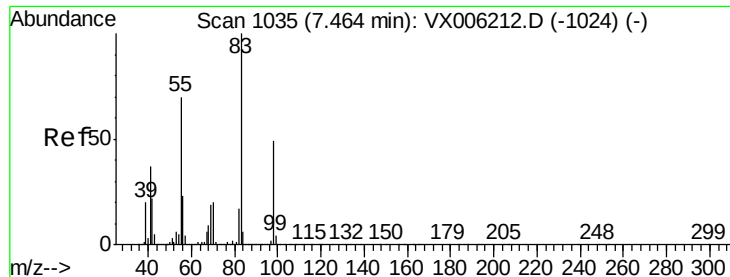
#38
Carbon Tetrachloride
Concen: 19.069 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

Tgt Ion: 117 Resp: 168554
Ion Ratio Lower Upper
117 100
119 99.2 75.8 113.8
121 31.5 24.6 37.0



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

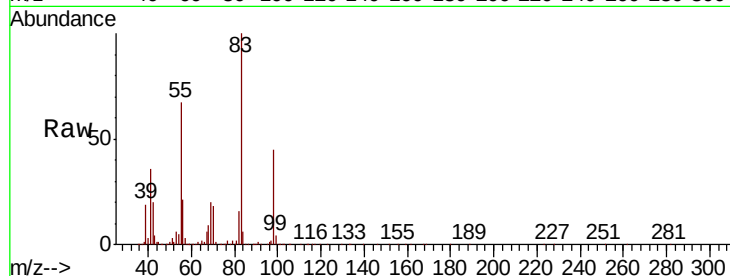




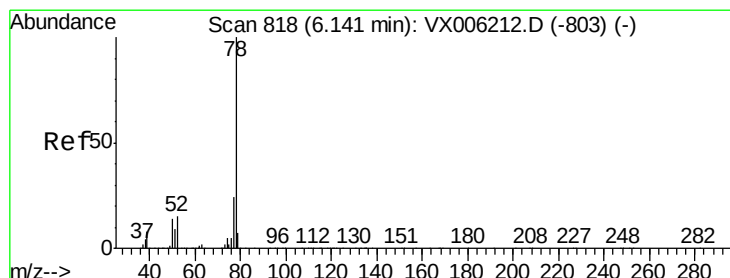
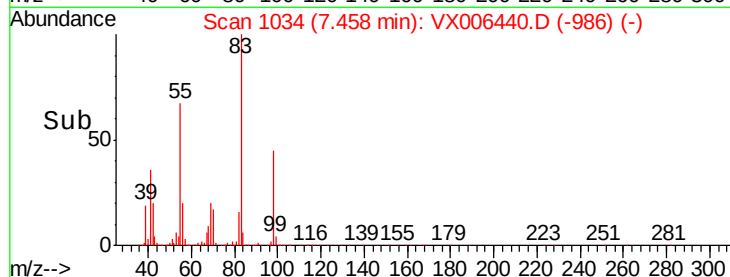
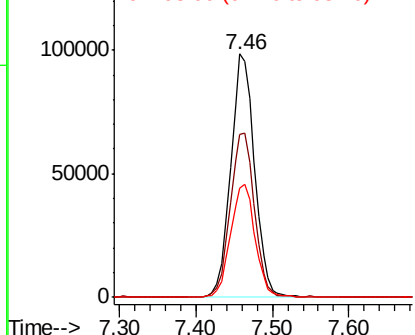
#39
Methylvlcyclohexane
Concen: 21.740 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.7	56.4	84.6
98	44.6	39.0	58.6

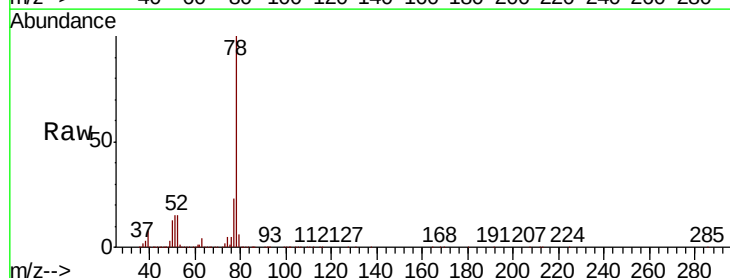


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

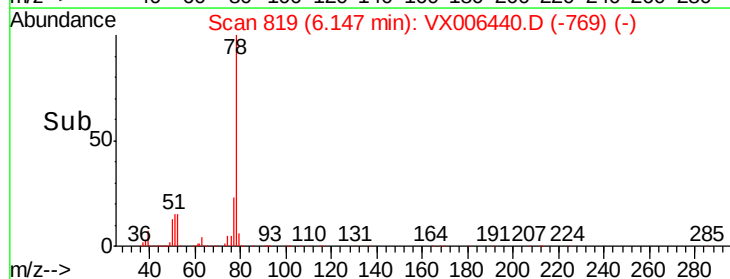
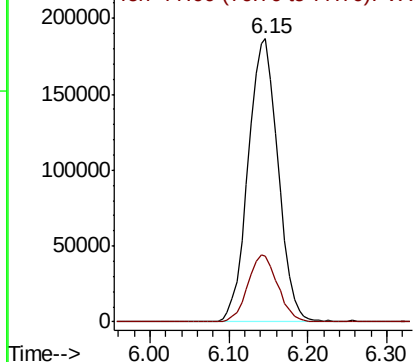


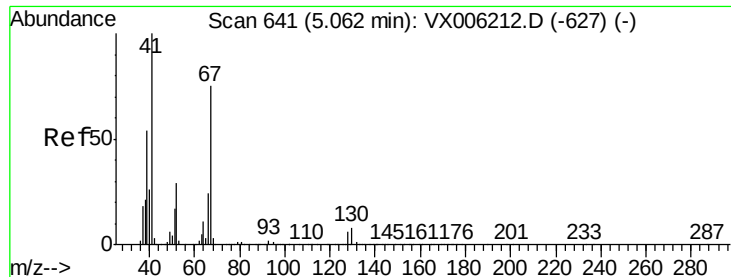
#40
Benzene
Concen: 21.860 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.2	28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 19.501 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

Tot Ion: 41 Resp: 90292

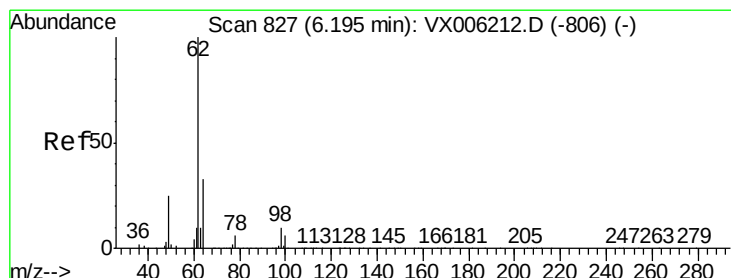
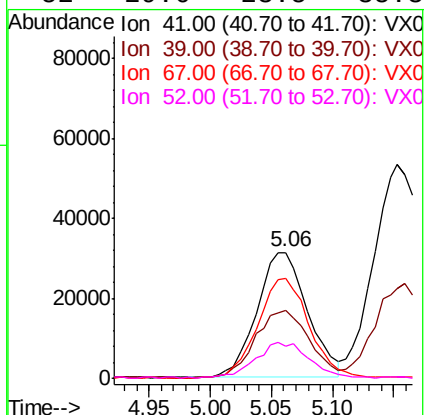
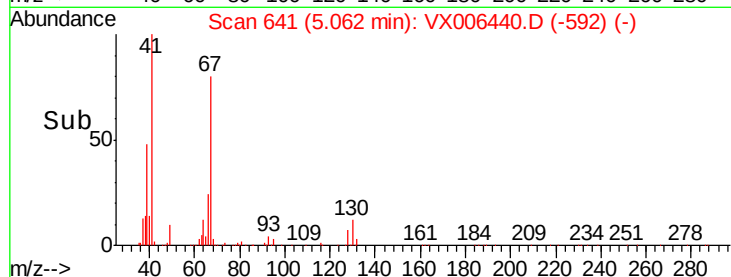
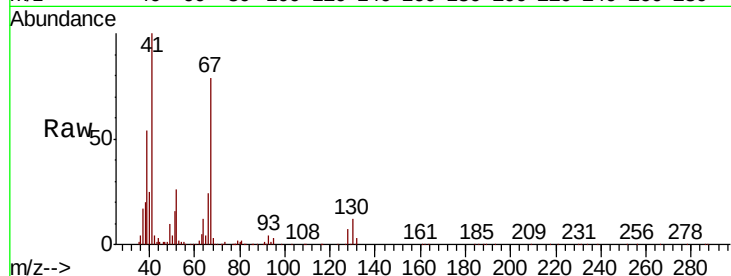
Ion Ratio Lower Upper

41 100

39 58.7 44.0 66.0

67 81.5 61.4 92.0

52 29.6 23.5 35.3



#42

1,2-Dichloroethane

Concen: 22.033 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006440.D

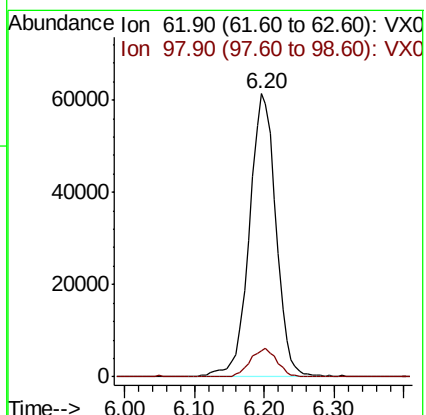
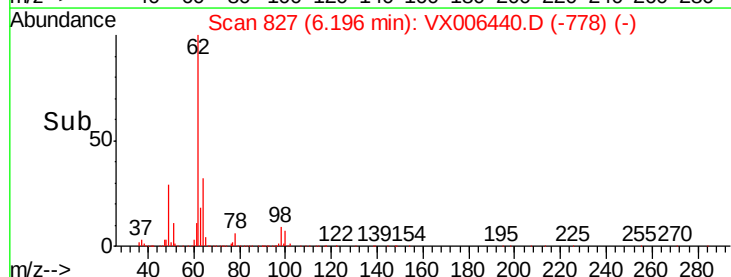
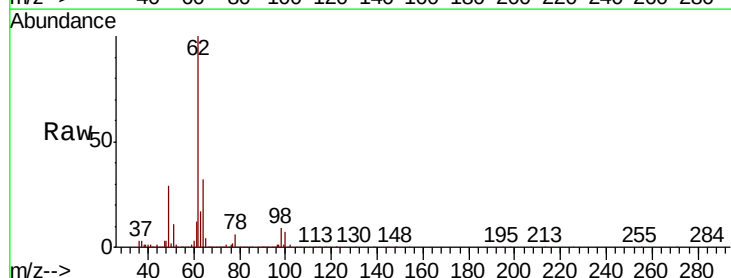
Acq: 12 Dec 2018 13:06

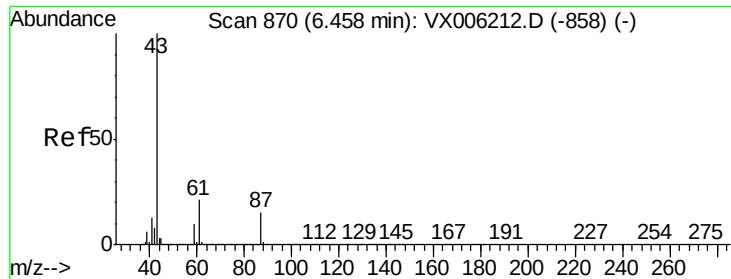
Tgt Ion: 62 Resp: 162276

Ion Ratio Lower Upper

62 100

98 10.2 0.0 20.2





#43

Isopropyl Acetate

Concen: 19.333 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

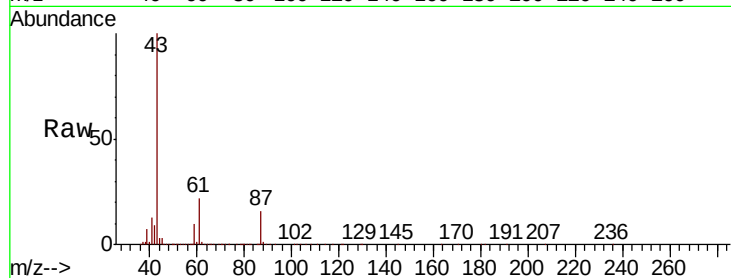
Tot Ion: 43 Resp: 271222

Ion Ratio Lower Upper

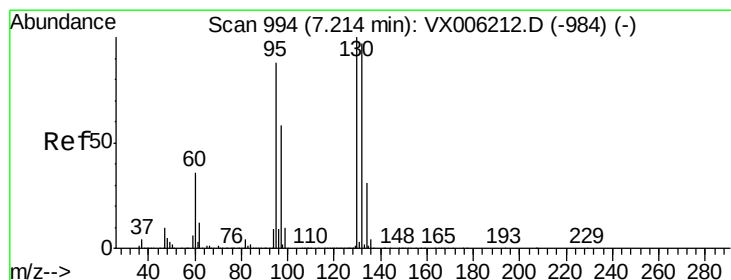
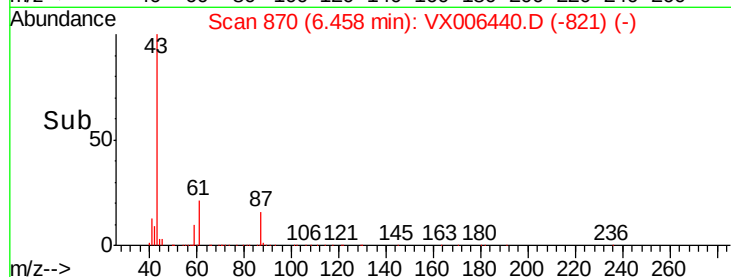
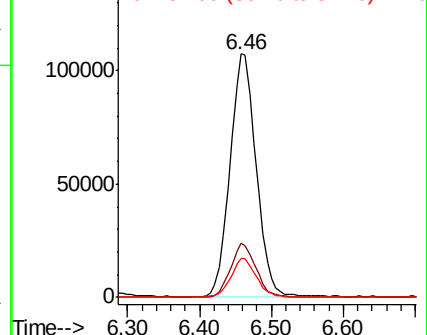
43 100

61 21.4 16.8 25.2

87 15.7 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: 21.402 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006440.D

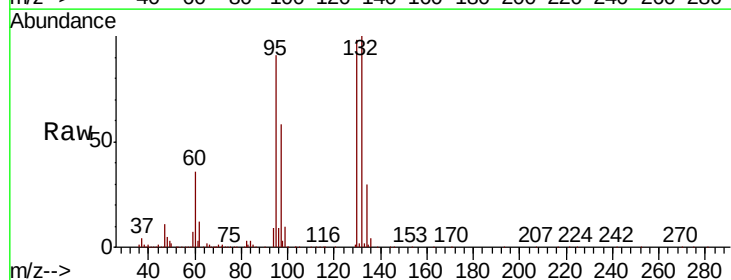
Acq: 12 Dec 2018 13:06

Tgt Ion:130 Resp: 145909

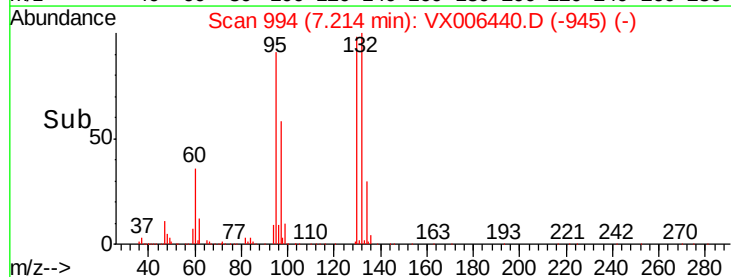
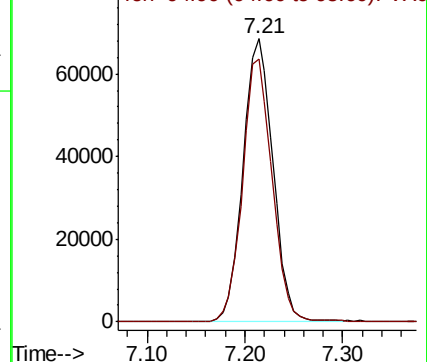
Ion Ratio Lower Upper

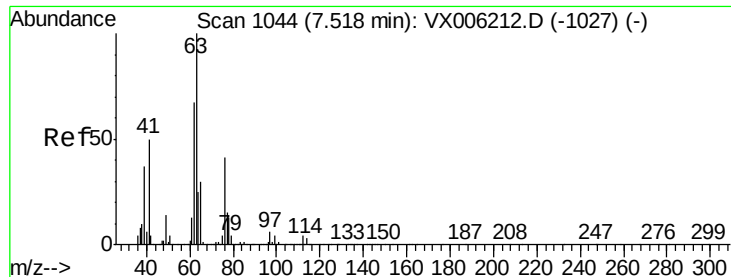
130 100

95 92.7 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: 21.095 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

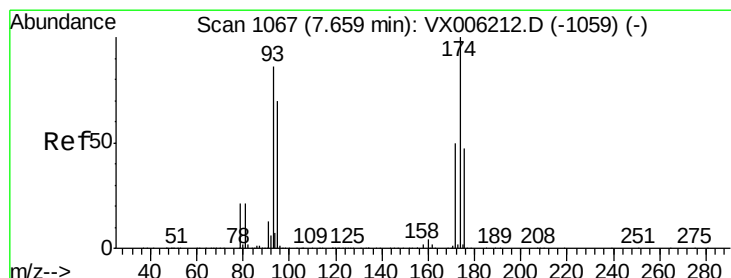
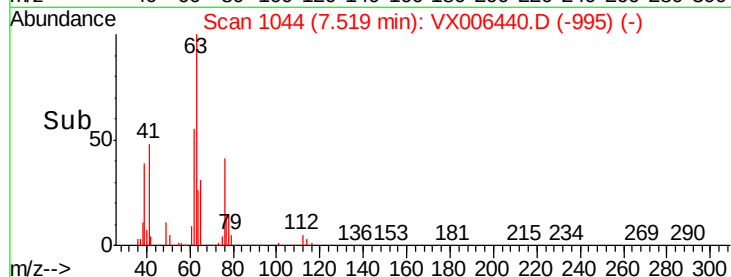
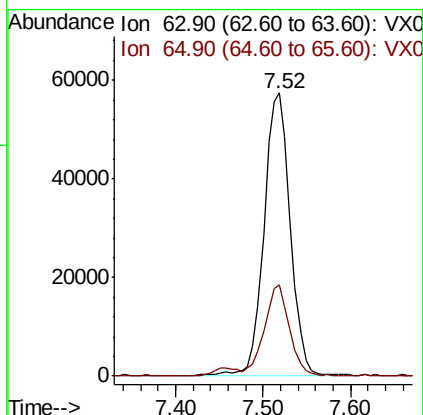
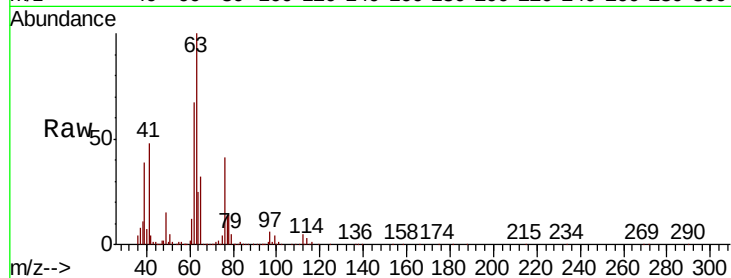
VX1212WBS01

Tot Ion: 63 Resp: 120652

Ion Ratio Lower Upper

63 100

65 32.2 24.3 36.5



#46

Dibromomethane

Concen: 21.174 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

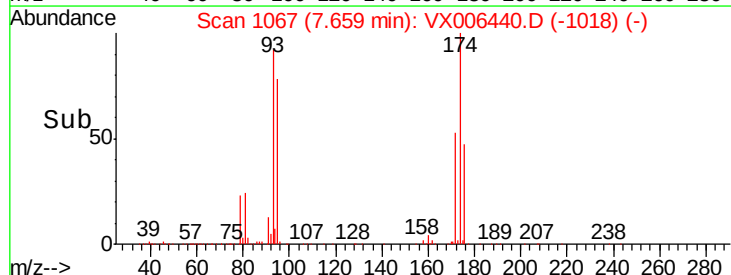
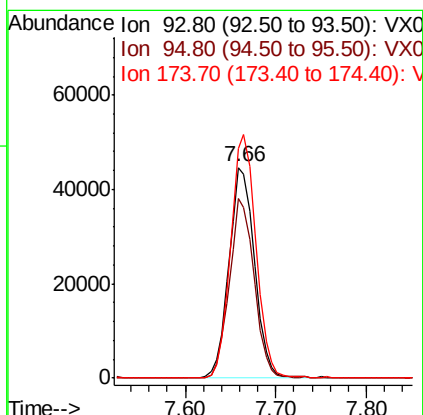
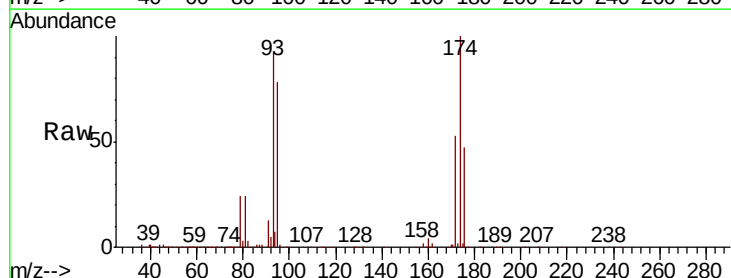
Tgt Ion: 93 Resp: 87463

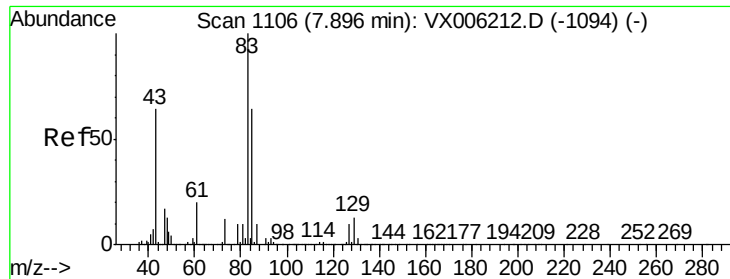
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

174 114.3 97.2 145.8





#47

Bromodichloromethane

Concen: 18.952 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

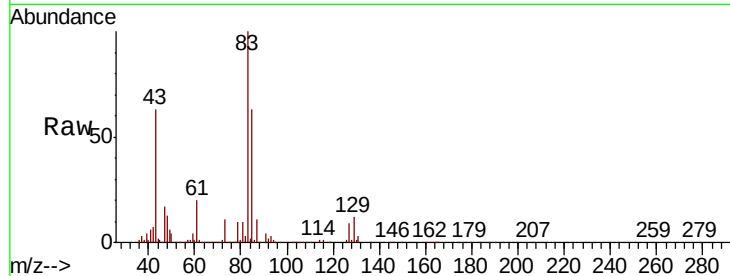
Tot Ion: 83 Resp: 151603

Ion Ratio Lower Upper

83 100

85 62.8 51.4 77.0

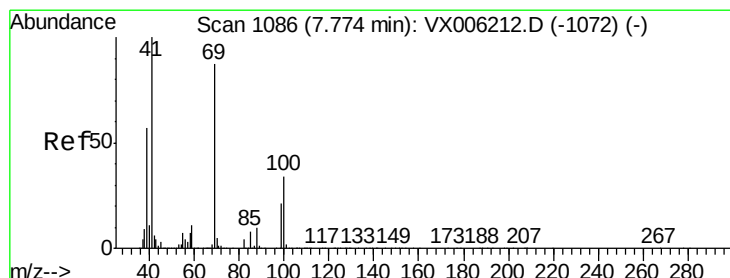
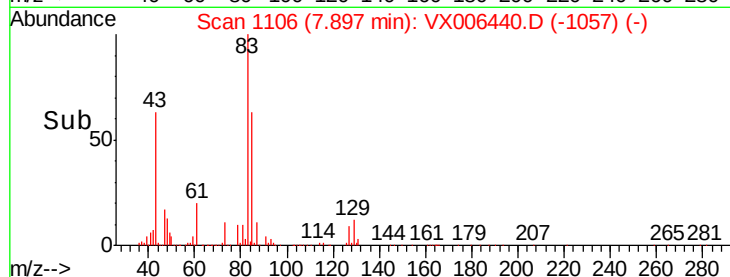
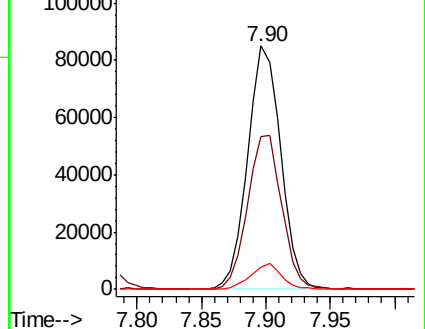
127 9.4 7.9 11.9



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: 19.332 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

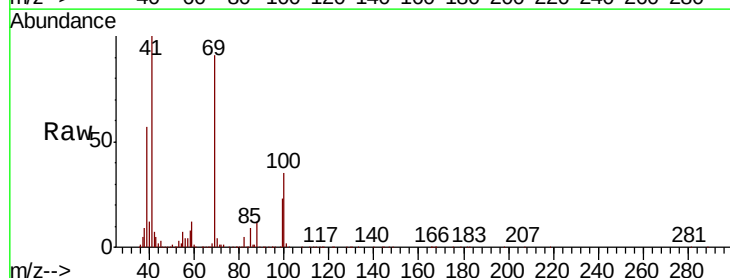
Tgt Ion: 41 Resp: 131944

Ion Ratio Lower Upper

41 100

69 94.5 70.3 105.5

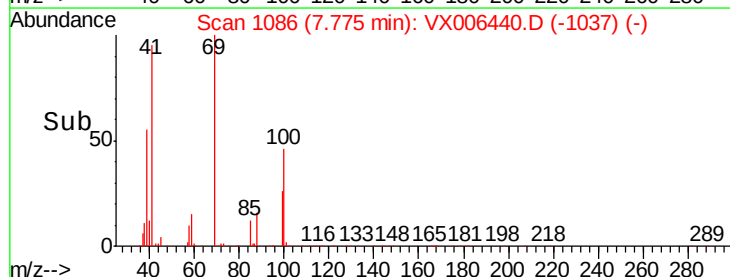
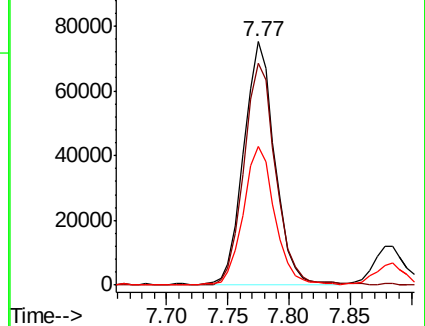
39 57.1 45.3 67.9

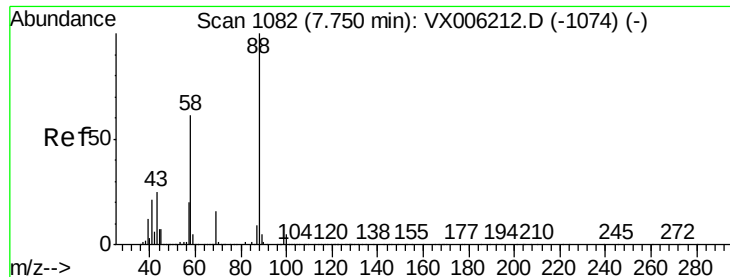


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

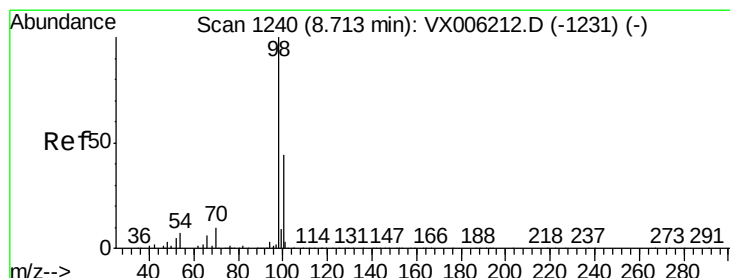
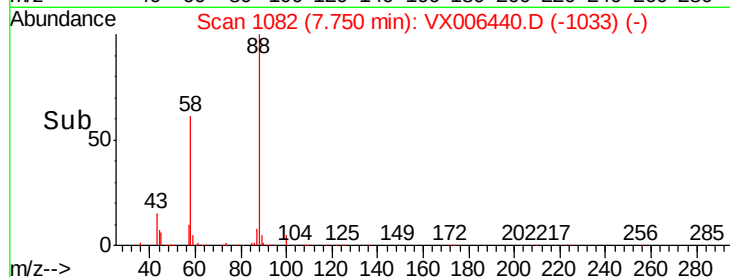
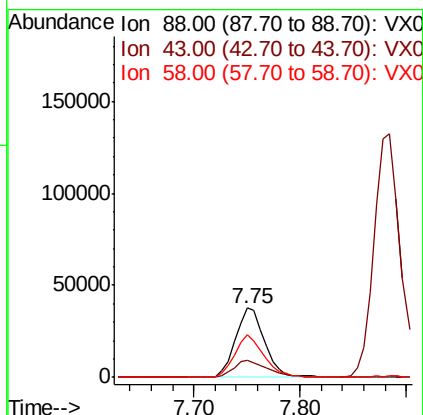
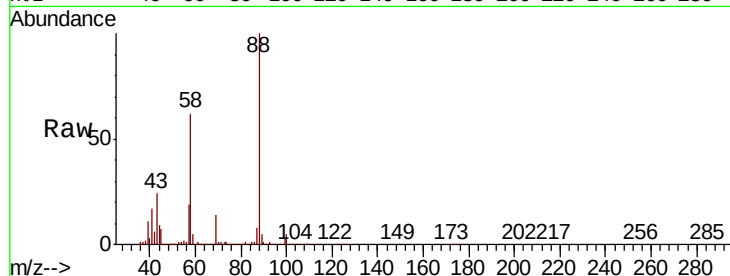




#49
1,4-Dioxane
Concen: 433.169 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

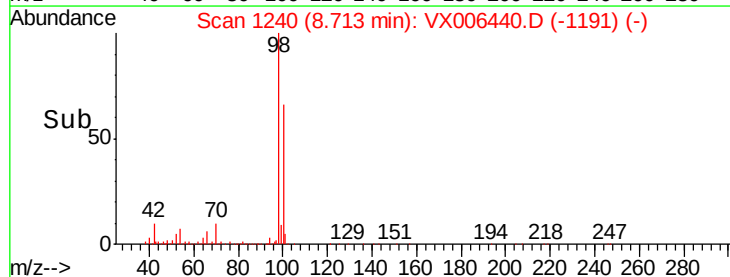
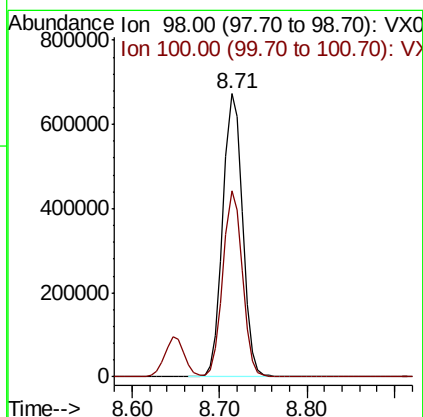
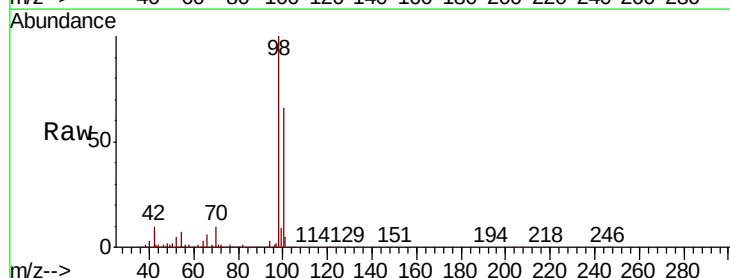
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

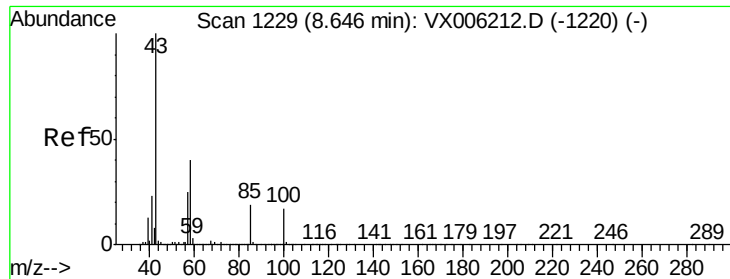
Tot Ion: 88 Resp: 72865
Ion Ratio Lower Upper
88 100
43 28.2 23.2 34.8
58 61.9 51.4 77.0



#50
Toluene-d8
Concen: 50.083 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

Tgt Ion: 98 Resp: 1052411
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 103.328 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

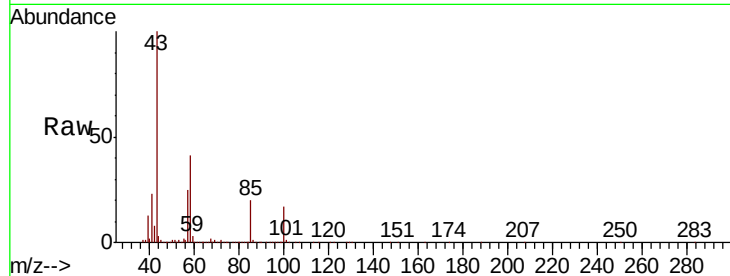
VX1212WBS01

Tot Ion: 43 Resp: 843884

Ion Ratio Lower Upper

43 100

58 40.8 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

600000

500000

400000

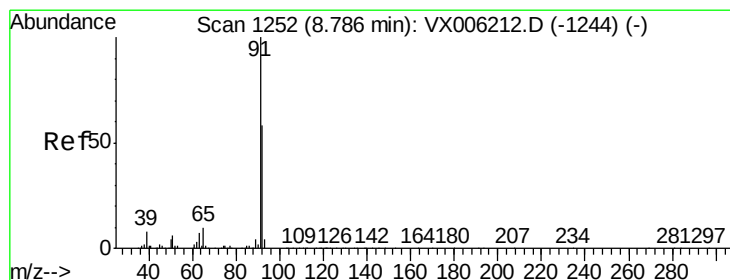
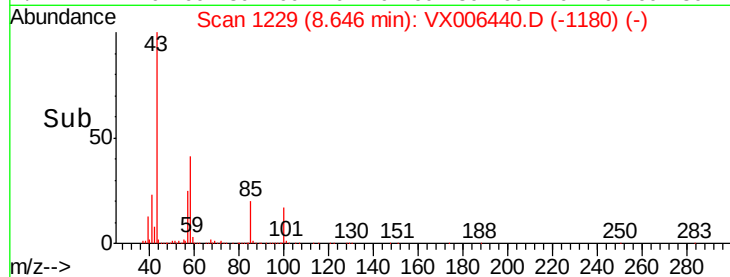
300000

200000

100000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 22.008 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006440.D

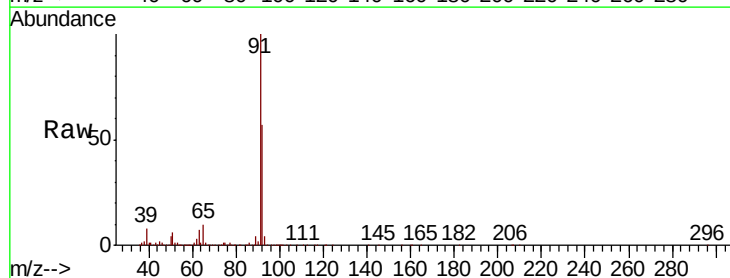
Acq: 12 Dec 2018 13:06

Tgt Ion: 92 Resp: 325843

Ion Ratio Lower Upper

92 100

91 172.1 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

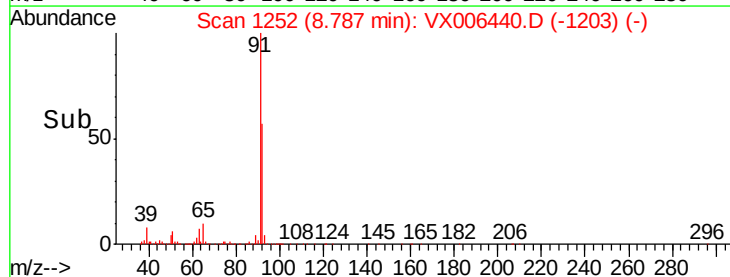
300000

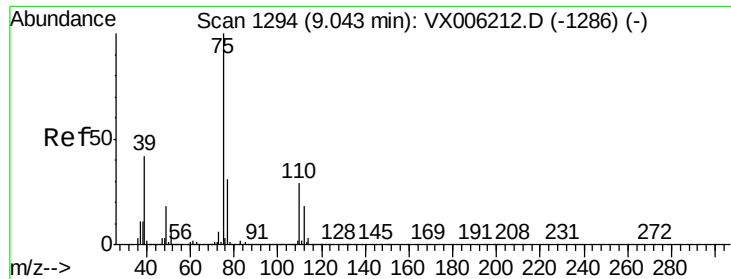
200000

100000

0

Time--> 8.70 8.75 8.80 8.85





#53

t-1,3-Dichloropropene

Concen: 18.051 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampled :

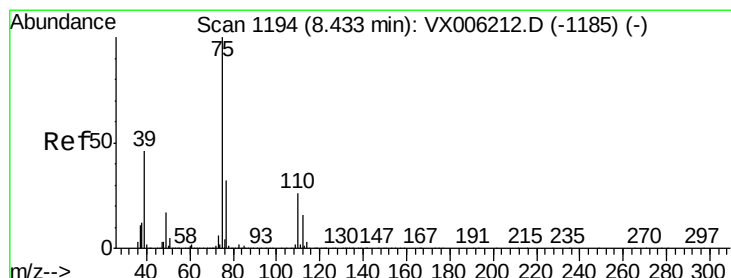
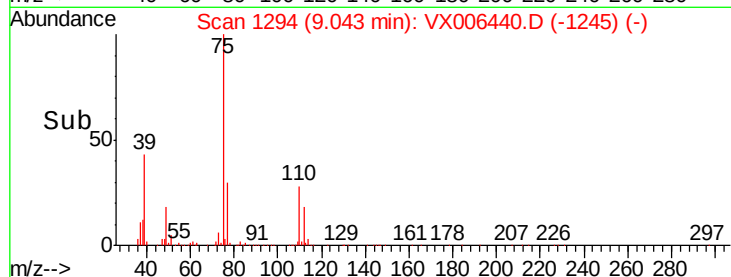
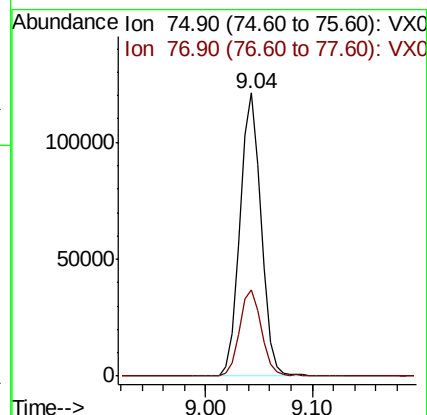
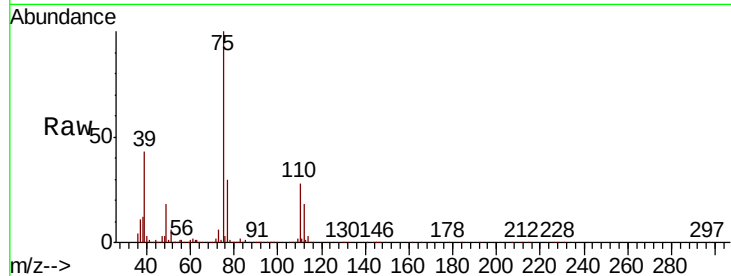
VX1212WBS01

Tot Ion: 75 Resp: 168870

Ion Ratio Lower Upper

75 100

77 30.3 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 19.256 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

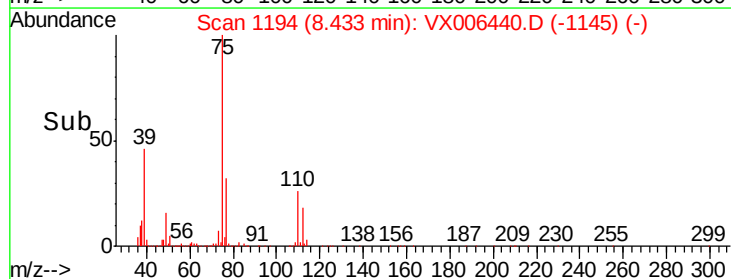
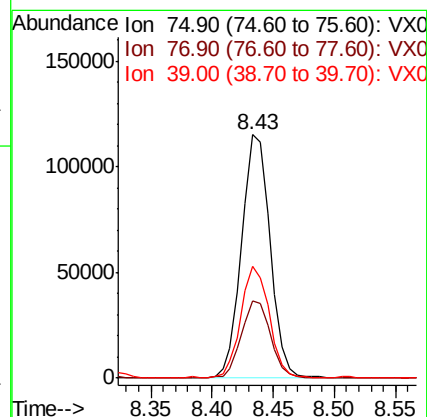
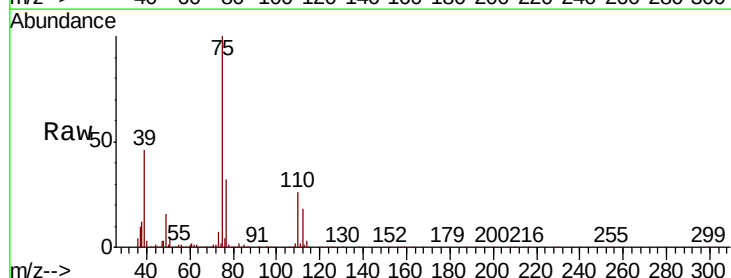
Tgt Ion: 75 Resp: 187059

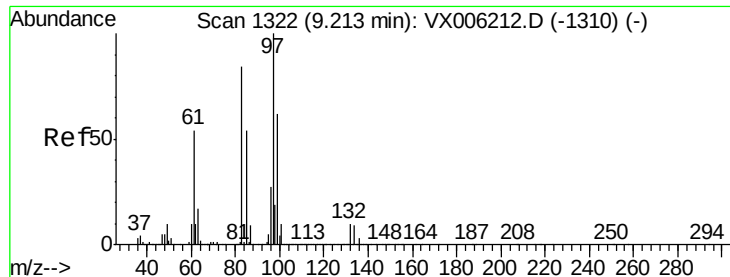
Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4

39 45.3 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 22.184 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampled :

VX1212WBS01

Tot Ion: 97 Resp: 133431

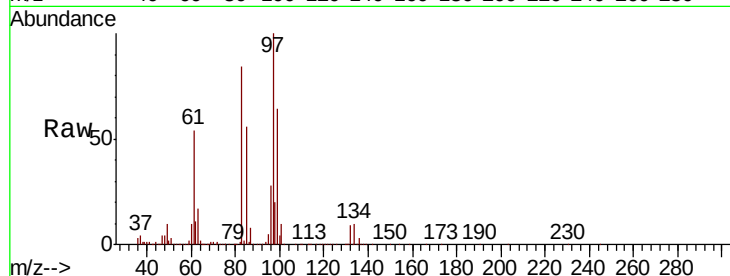
Ion Ratio Lower Upper

97 100

83 84.3 67.1 100.7

85 55.5 43.2 64.8

99 63.9 49.8 74.6

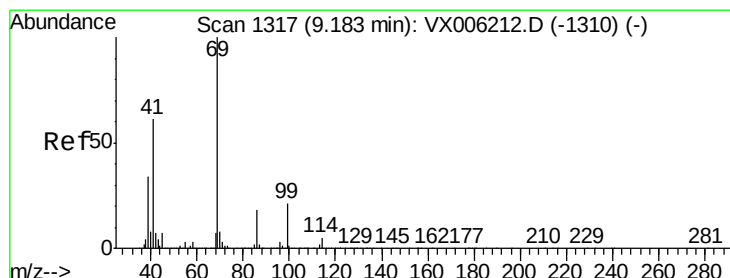
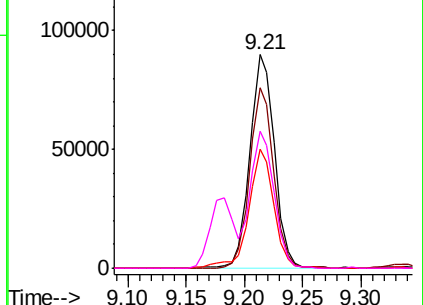
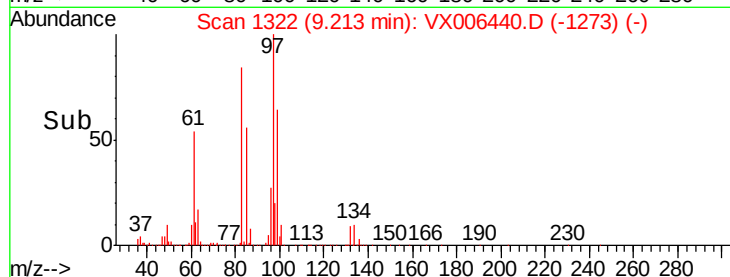


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 20.640 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

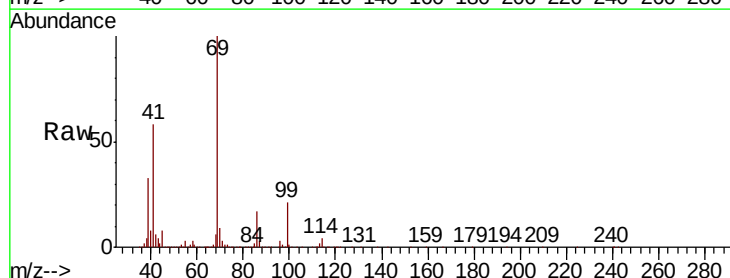
Tgt Ion: 69 Resp: 194082

Ion Ratio Lower Upper

69 100

41 60.5 50.6 76.0

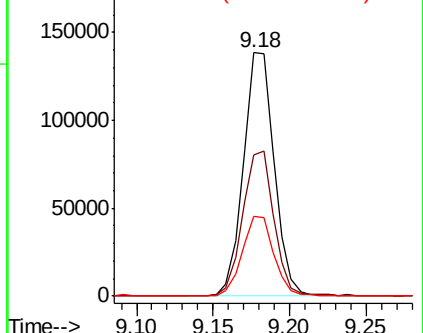
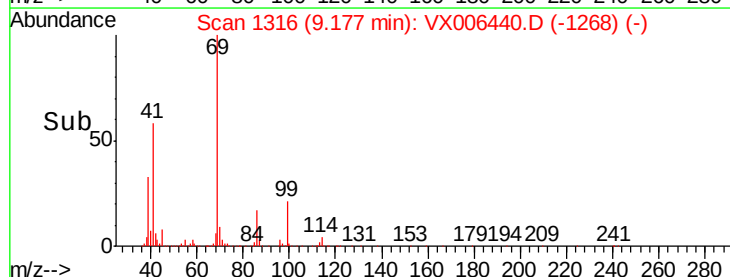
39 33.2 27.6 41.4

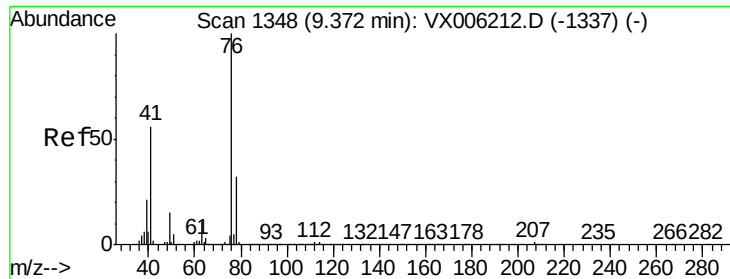


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

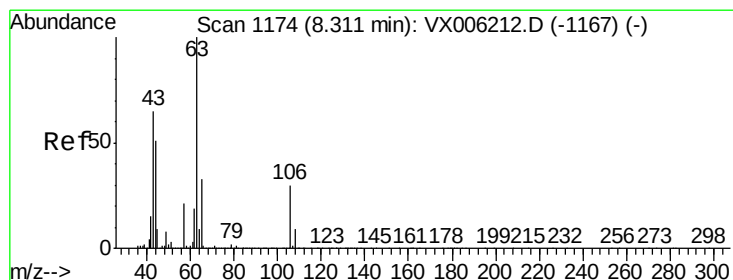
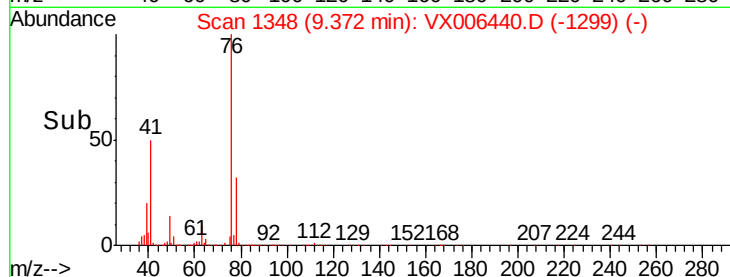
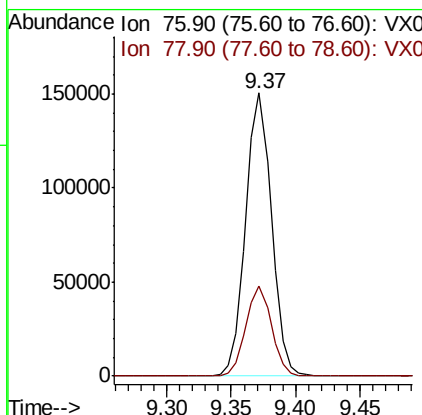
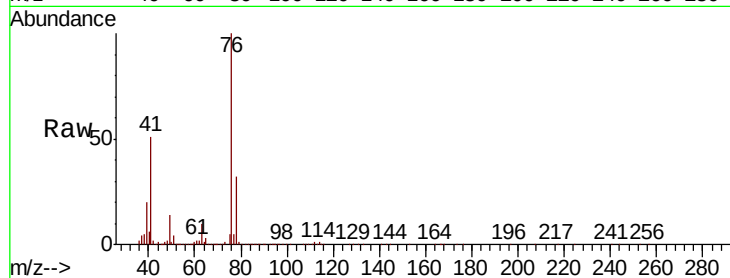




#57
 1,3-Dichloropropane
 Concen: 21.936 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006440.D
 Acq: 12 Dec 2018 13:06

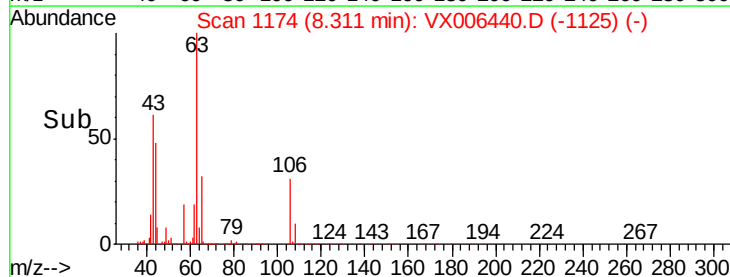
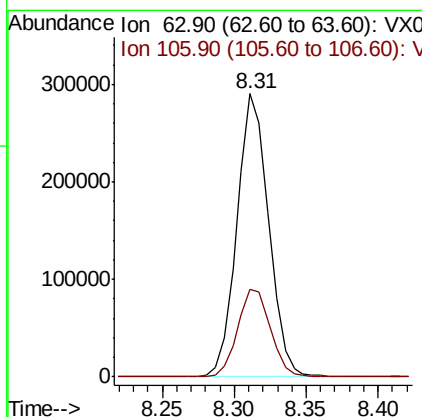
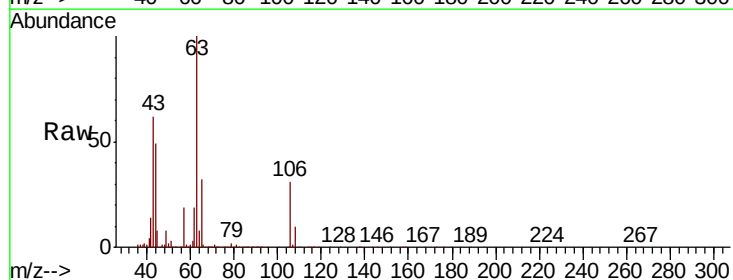
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

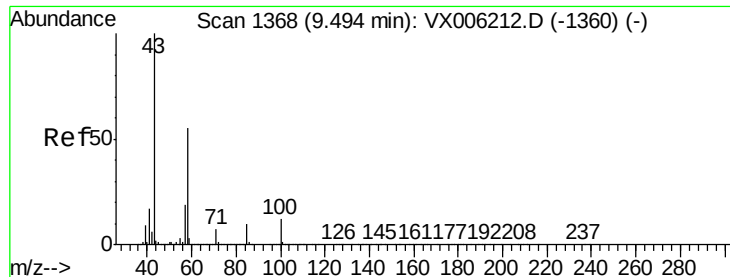
Tot Ion: 76 Resp: 208634
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.251 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006440.D
 Acq: 12 Dec 2018 13:06

Tgt Ion: 63 Resp: 444960
 Ion Ratio Lower Upper
 63 100
 106 32.2 24.9 37.3





#59

2-Hexanone

Concen: 103.822 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

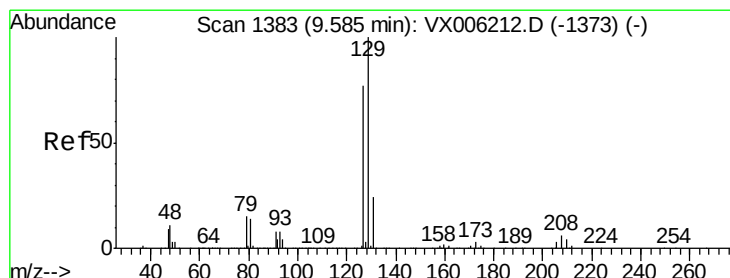
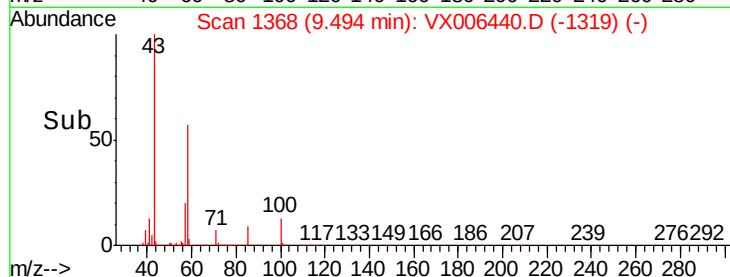
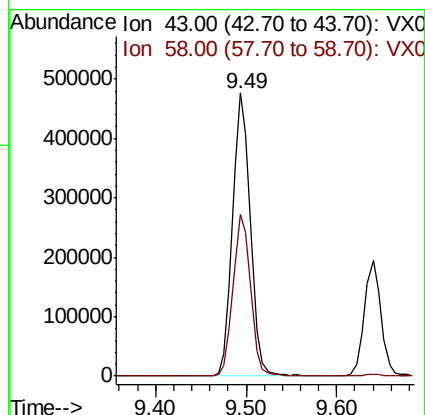
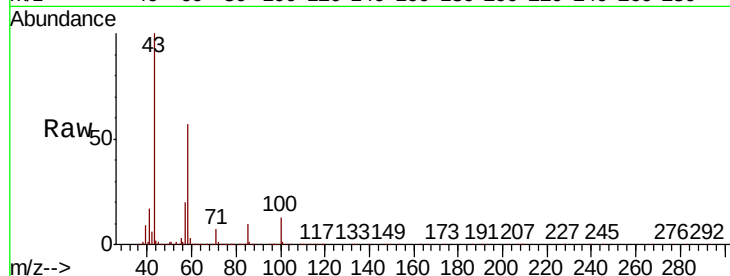
VX1212WBS01

Tot Ion: 43 Resp: 647813

Ion Ratio Lower Upper

43 100

58 56.5 27.7 83.1



#60

Dibromochloromethane

Concen: 18.318 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX006440.D

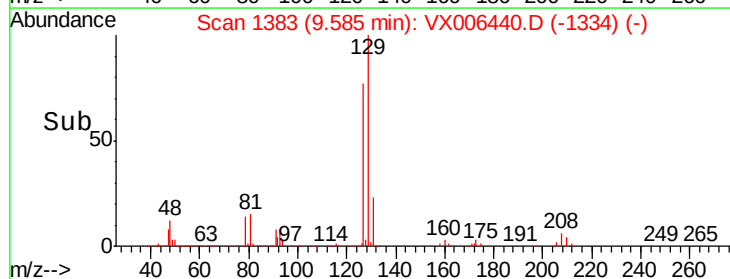
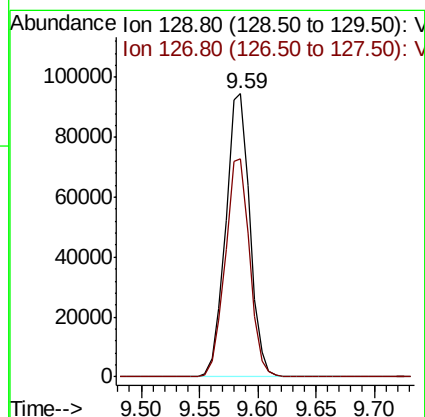
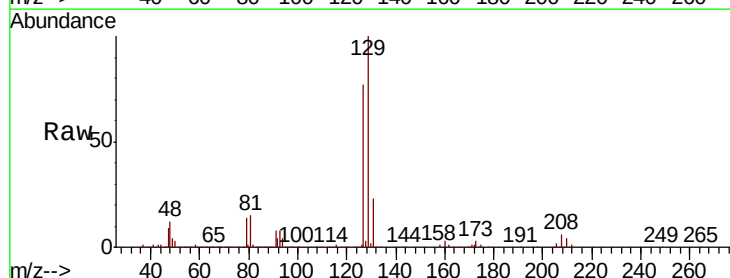
Acq: 12 Dec 2018 13:06

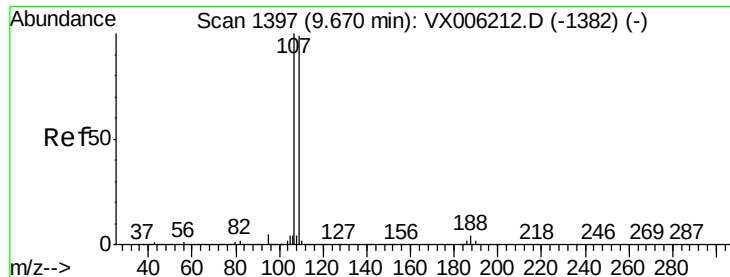
Tgt Ion: 129 Resp: 135864

Ion Ratio Lower Upper

129 100

127 77.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 21.370 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

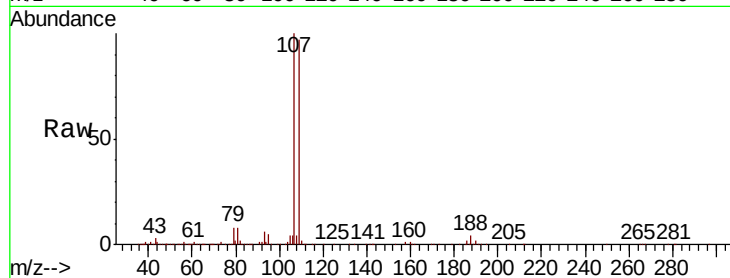
VX1212WBS01

Tot Ion:107 Resp: 143724

Ion Ratio Lower Upper

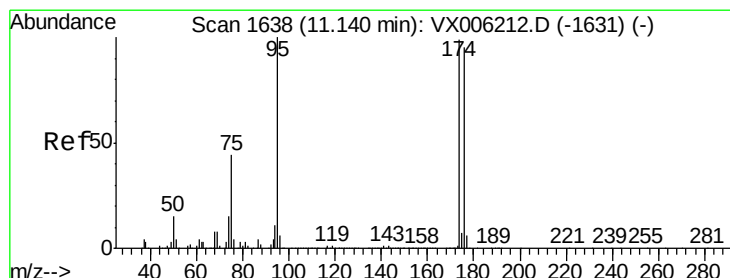
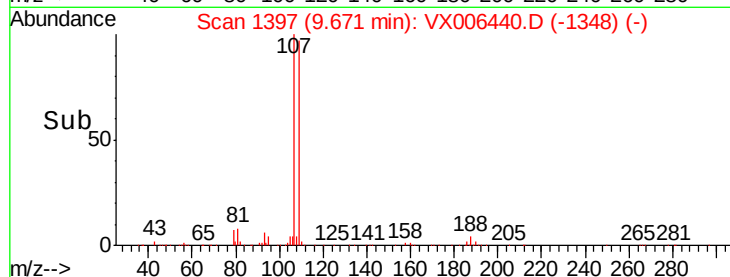
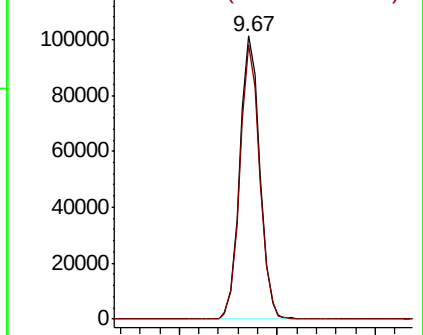
107 100

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



#62

4-Bromofluorobenzene

Concen: 50.840 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

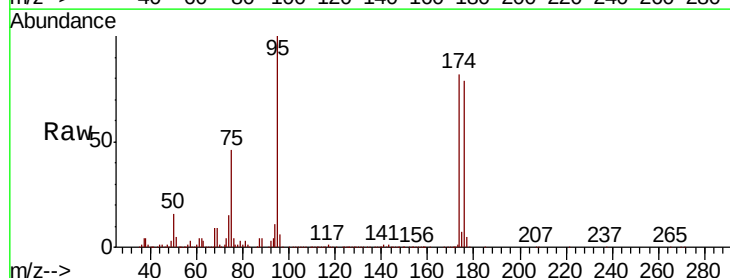
Tgt Ion: 95 Resp: 402573

Ion Ratio Lower Upper

95 100

174 89.4 0.0 187.0

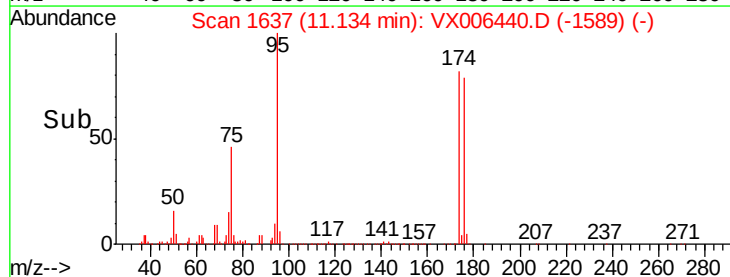
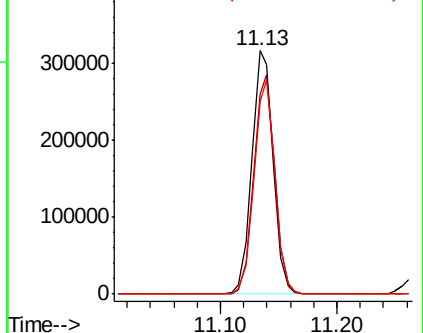
176 86.9 0.0 181.8

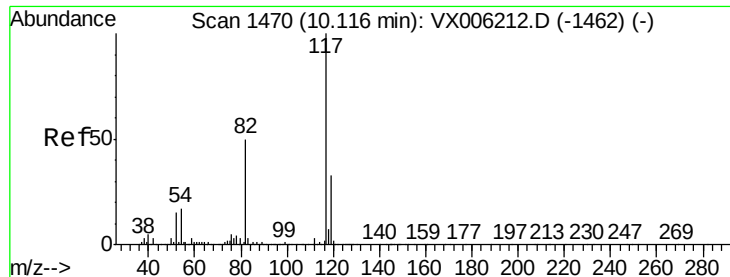


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

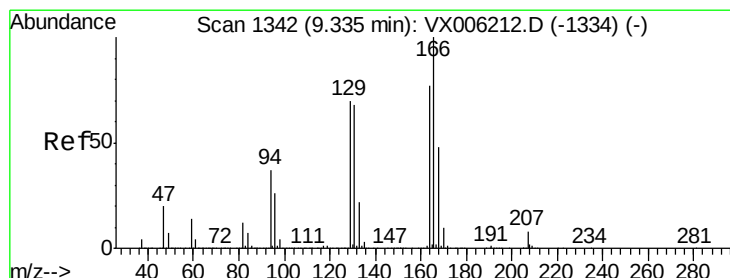
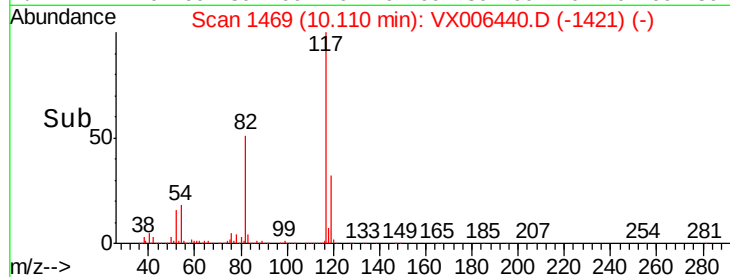
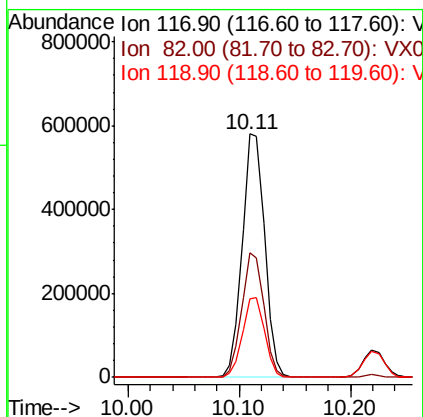
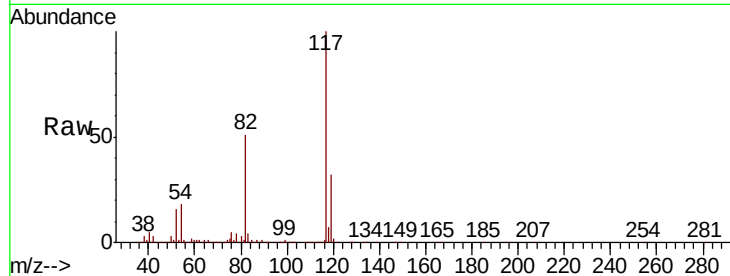




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

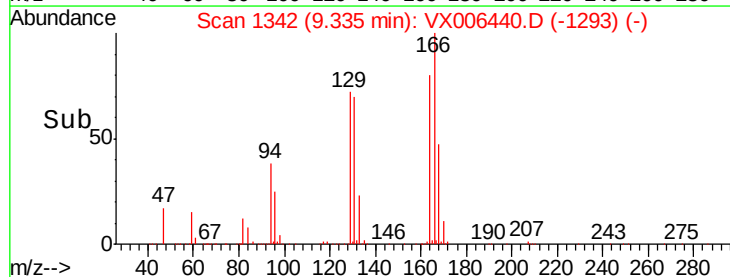
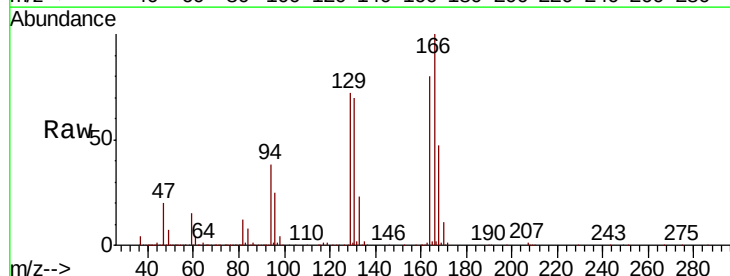
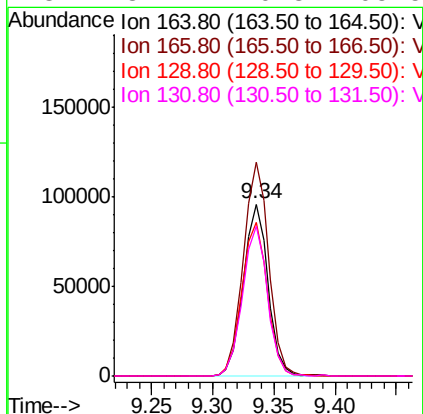
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

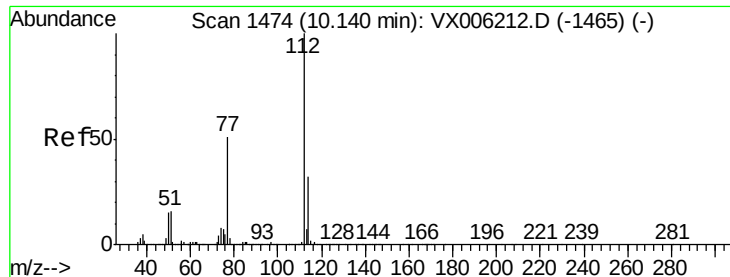
Tot Ion:117 Resp: 814472
Ion Ratio Lower Upper
117 100
82 51.3 39.6 59.4
119 32.4 26.3 39.5



#64
Tetrachloroethene
Concen: 21.958 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

Tgt Ion:164 Resp: 134684
Ion Ratio Lower Upper
164 100
166 124.4 104.2 156.2
129 89.6 72.6 108.8
131 87.4 70.3 105.5

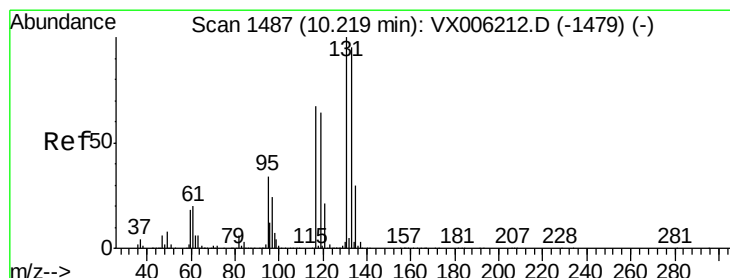
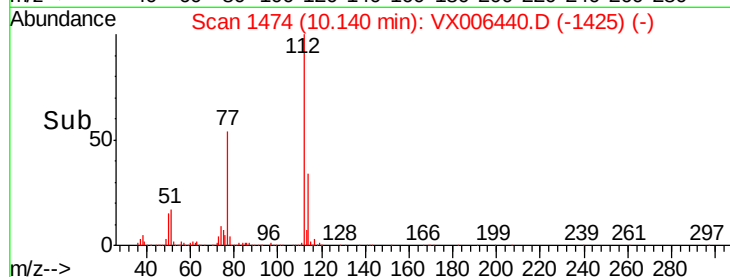
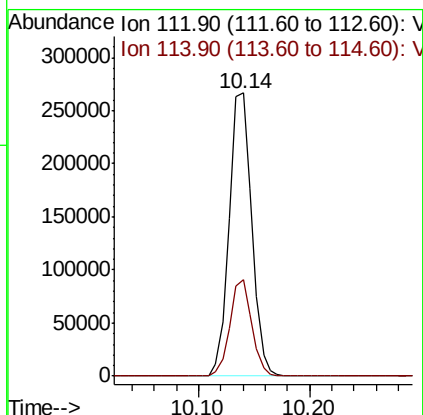
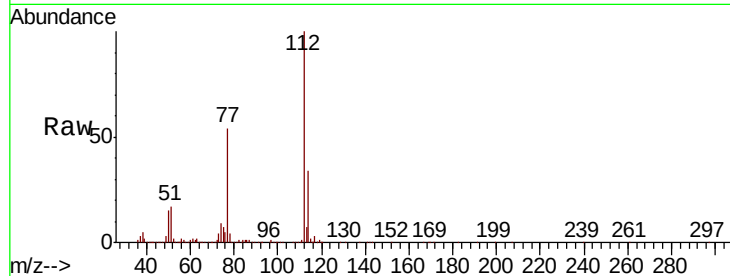




#65
Chlorobenzene
Concen: 21.685 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

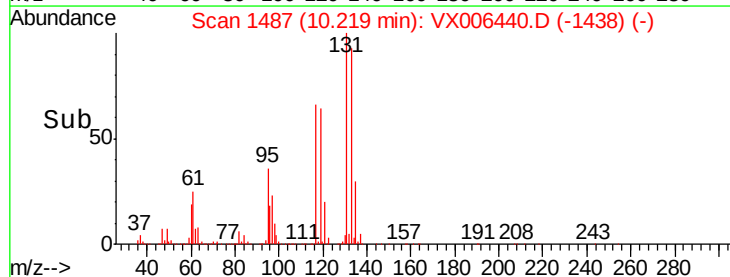
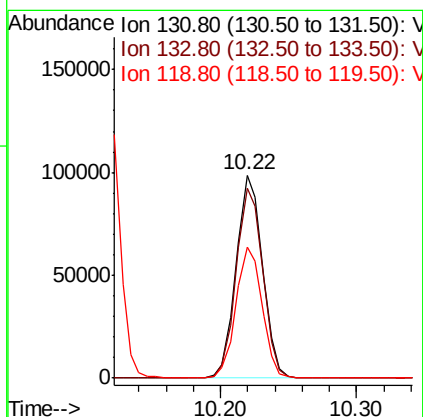
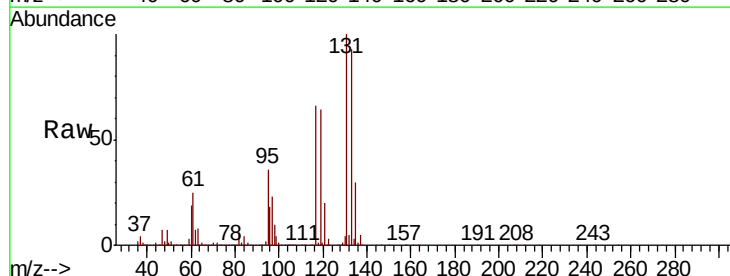
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

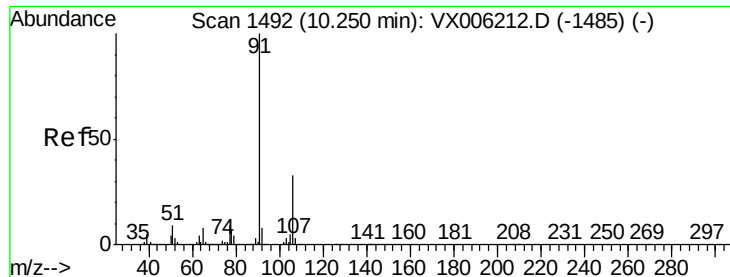
Tot Ion:112 Resp: 374923
Ion Ratio Lower Upper
112 100
114 34.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.861 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

Tgt Ion:131 Resp: 133419
Ion Ratio Lower Upper
131 100
133 94.3 48.1 144.4
119 64.0 32.1 96.3

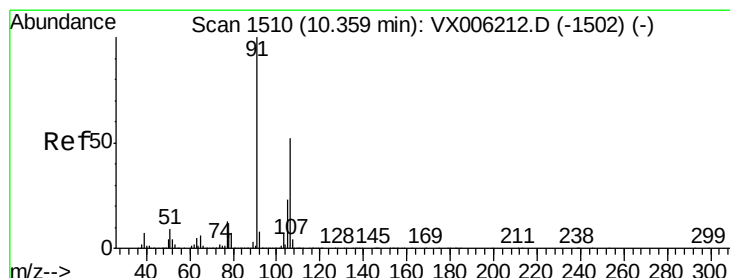
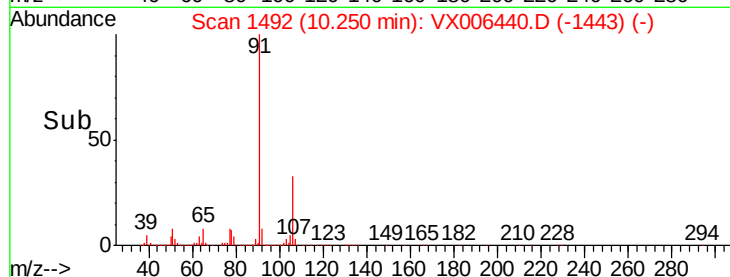
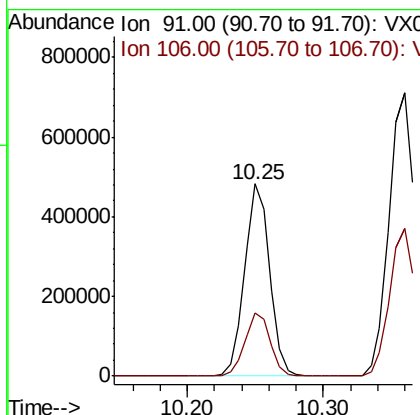
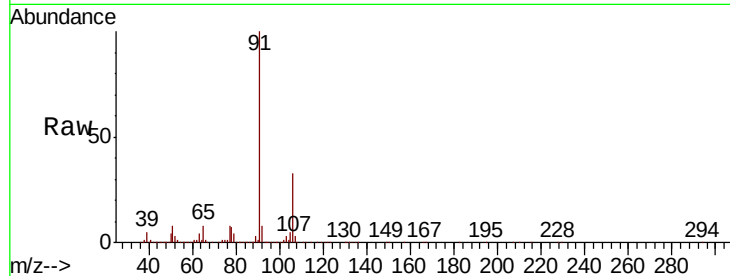




#67
Ethyl Benzene
Concen: 21.617 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

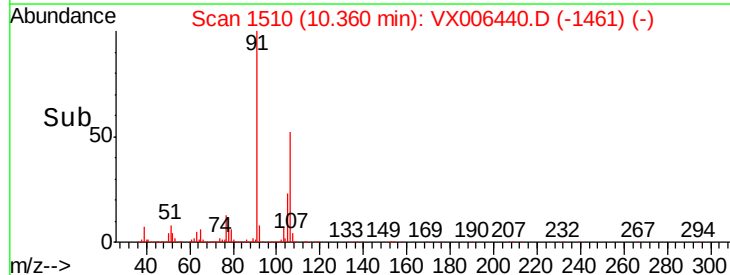
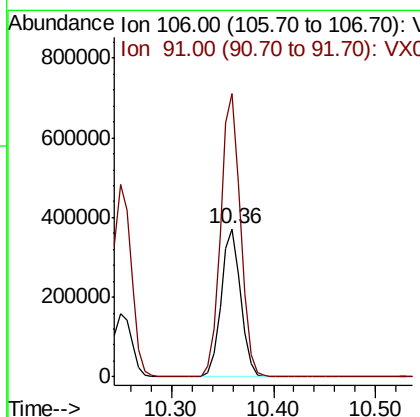
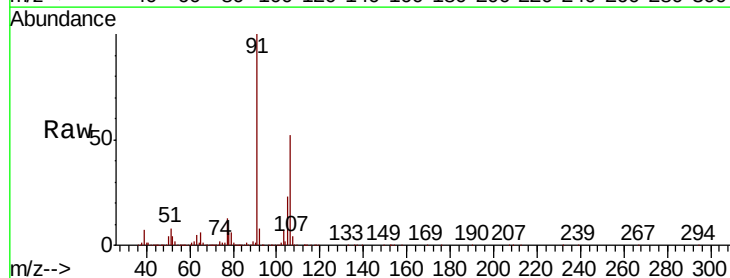
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

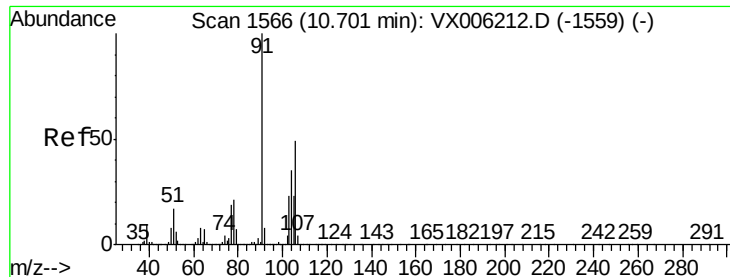
Tot Ion: 91 Resp: 621603
Ion Ratio Lower Upper
91 100
106 32.8 26.5 39.7



#68
m/p-Xylenes
Concen: 43.189 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

Tgt Ion: 106 Resp: 497483
Ion Ratio Lower Upper
106 100
91 193.2 155.2 232.8

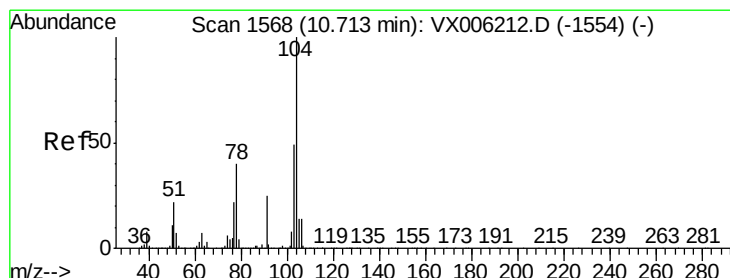
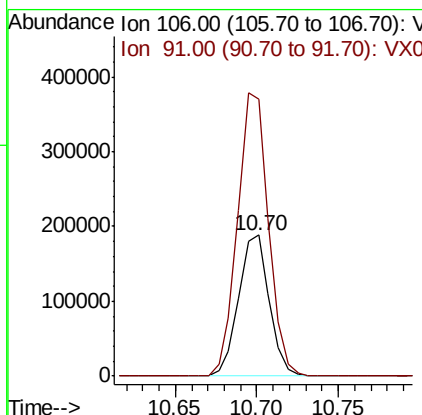
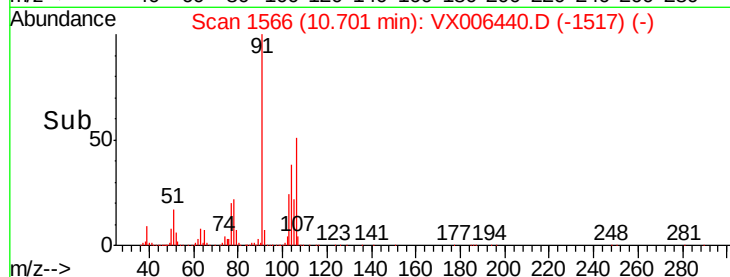
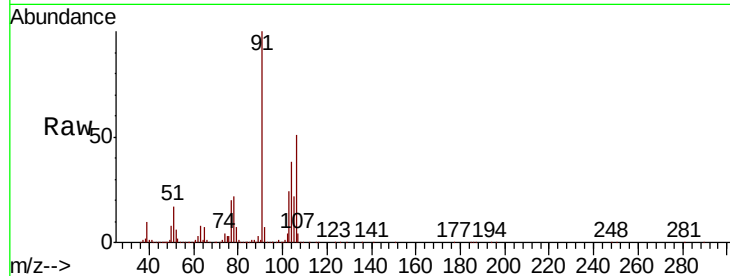




#69
o-Xylene
Concen: 21.674 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

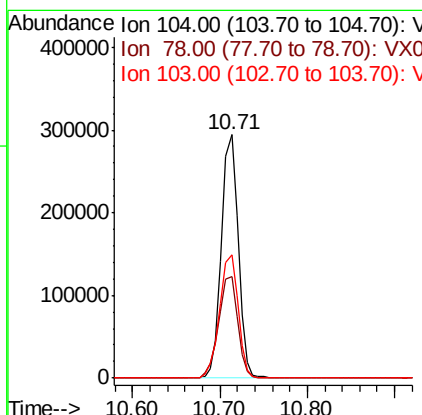
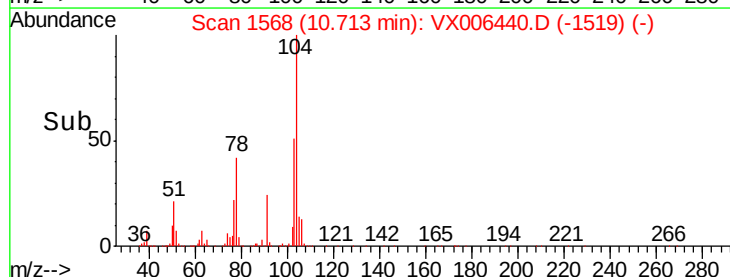
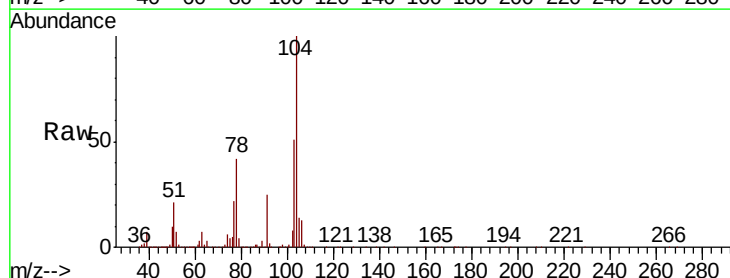
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

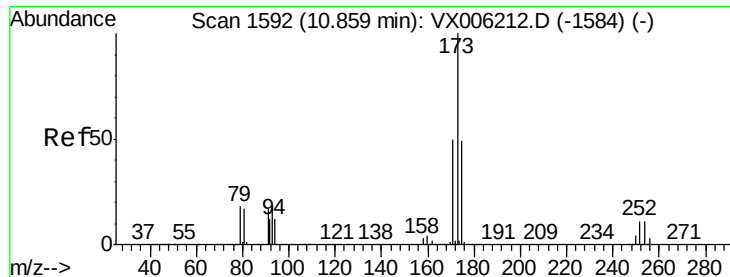
Tot Ion:106 Resp: 246607
Ion Ratio Lower Upper
106 100
91 203.8 101.8 305.6



#70
Styrene
Concen: 21.307 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

Tgt Ion:104 Resp: 392088
Ion Ratio Lower Upper
104 100
78 47.4 37.2 55.8
103 55.7 43.5 65.3





#71

Bromoform

Concen: 15.839 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

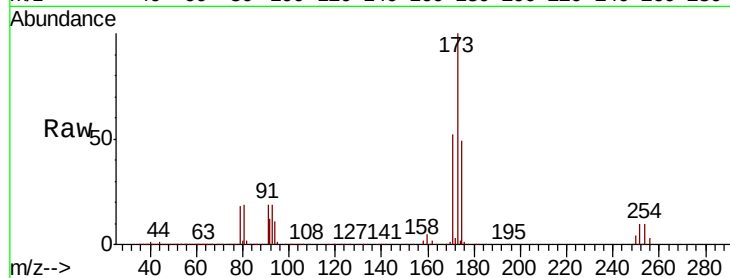
Tot Ion:173 Resp: 100442

Ion Ratio Lower Upper

173 100

175 49.1 24.6 73.8

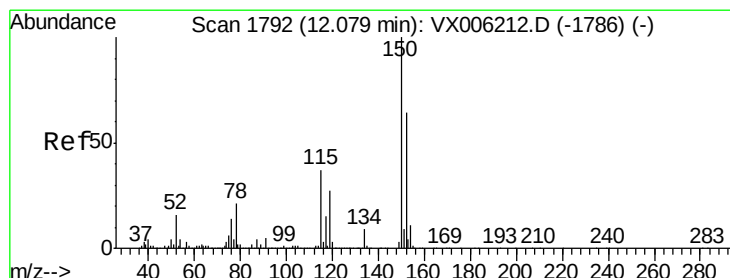
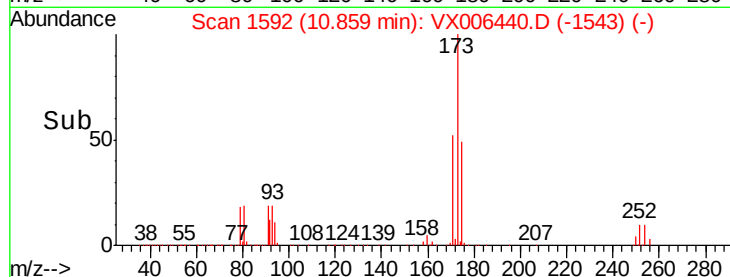
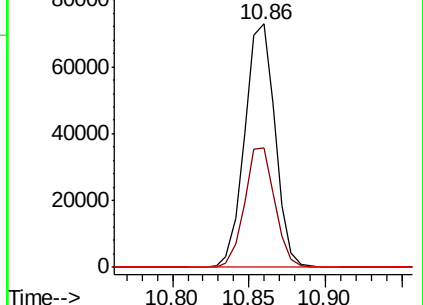
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

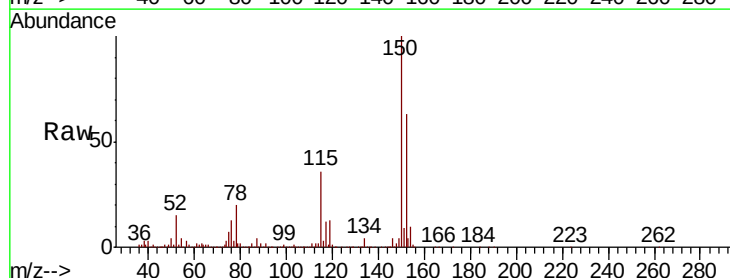
Tgt Ion:152 Resp: 420613

Ion Ratio Lower Upper

152 100

115 65.5 39.0 116.9

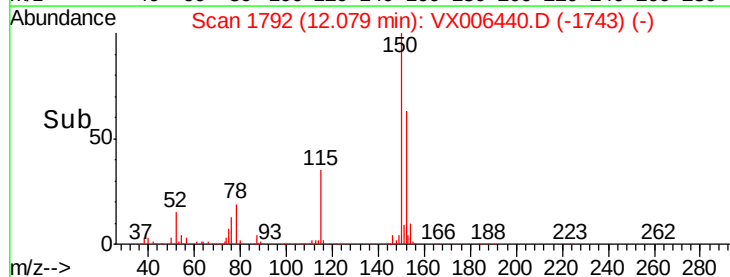
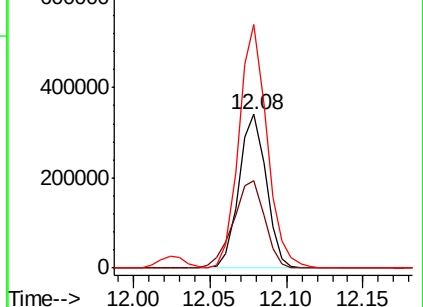
150 163.8 0.0 345.8

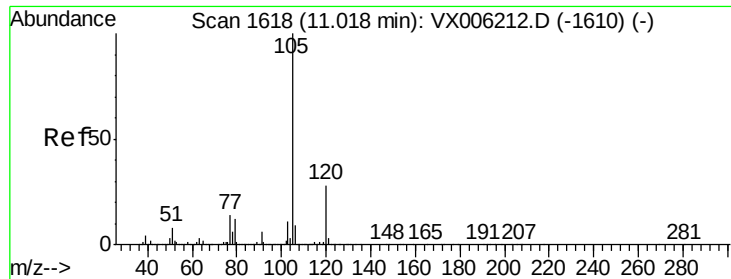


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.188 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

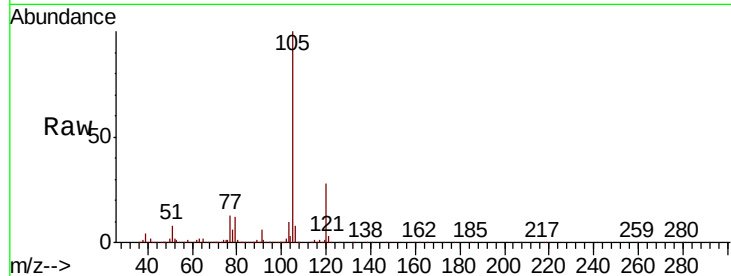
VX1212WBS01

Tot Ion:105 Resp: 644483

Ion Ratio Lower Upper

105 100

120 28.4 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

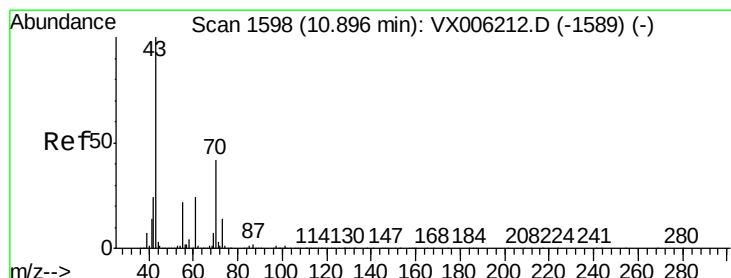
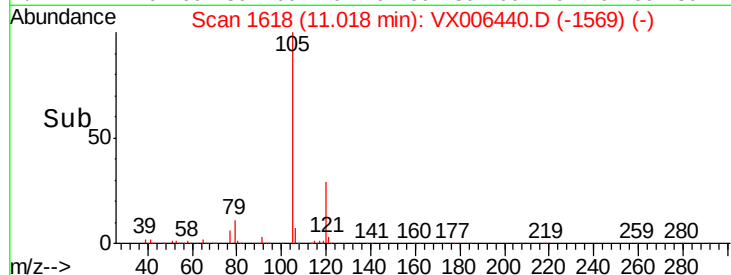
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 19.397 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Tgt Ion: 43 Resp: 242619

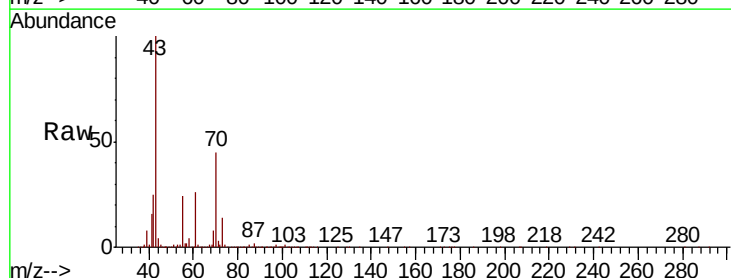
Ion Ratio Lower Upper

43 100

70 45.0 34.1 51.1

55 24.4 17.8 26.8

61 25.2 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

250000

200000

150000

100000

50000

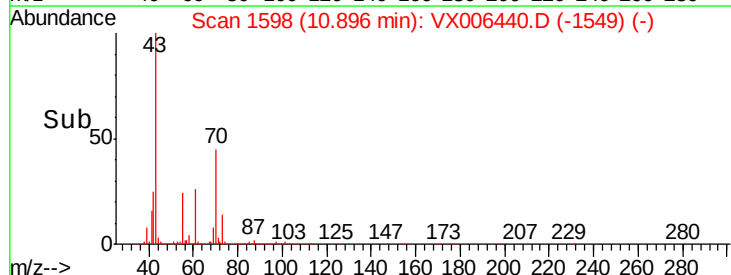
0

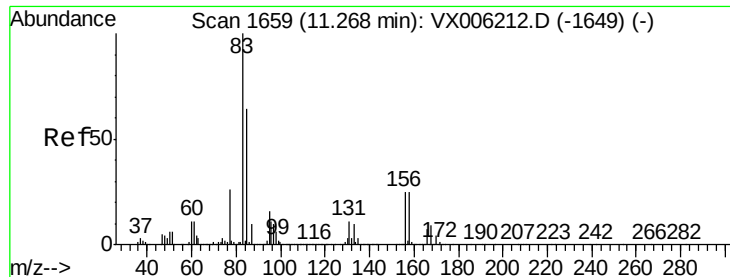
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.208 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

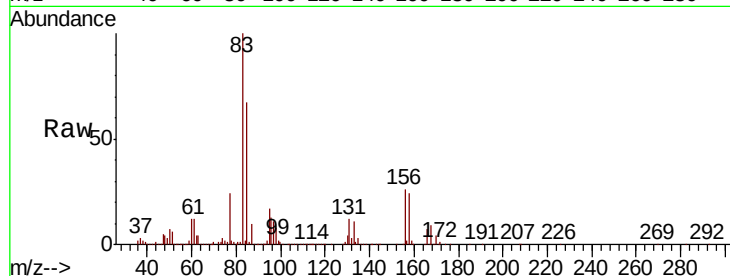
Tot Ion: 83 Resp: 197080

Ion Ratio Lower Upper

83 100

131 11.6 5.7 17.1

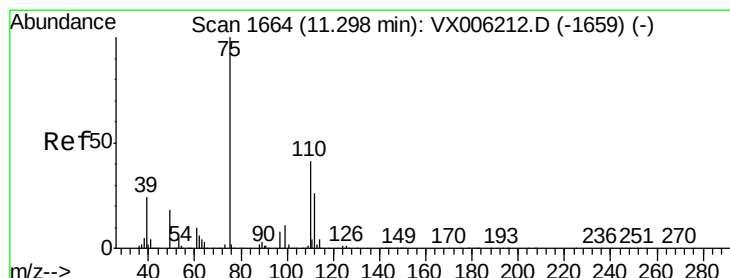
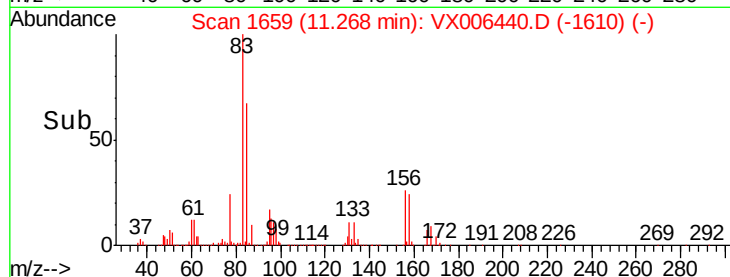
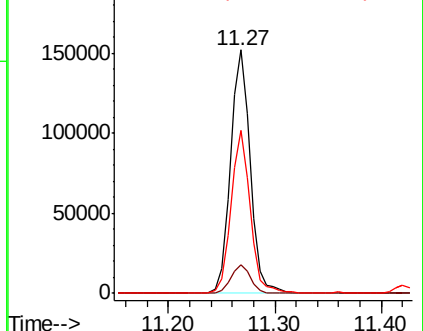
85 65.0 32.1 96.5



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: 27.326 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006440.D

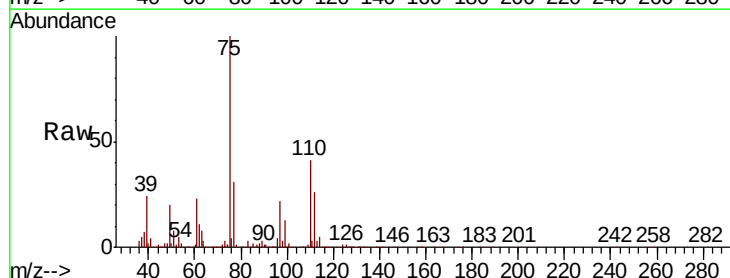
Acq: 12 Dec 2018 13:06

Tgt Ion: 75 Resp: 221843

Ion Ratio Lower Upper

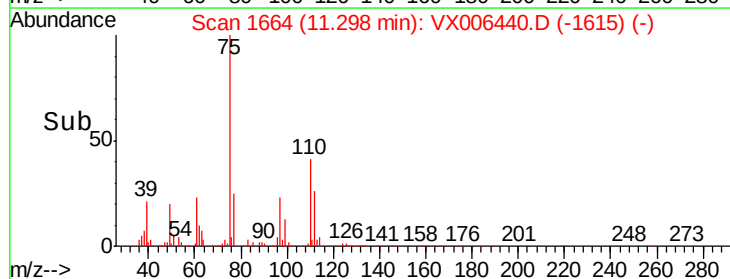
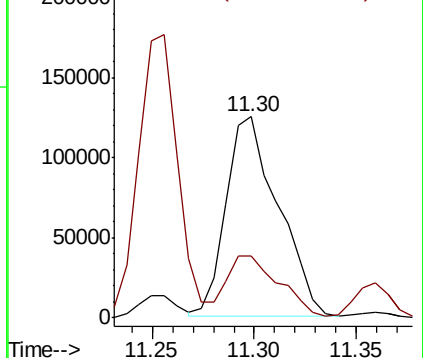
75 100

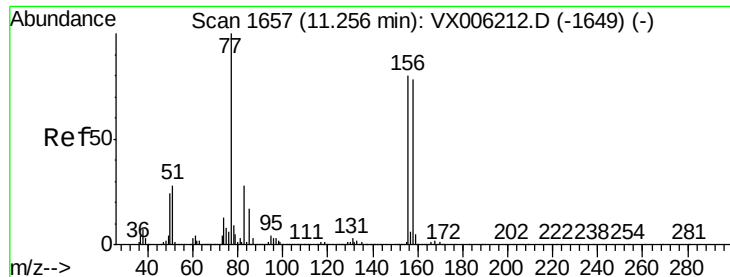
77 30.7 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 22.095 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

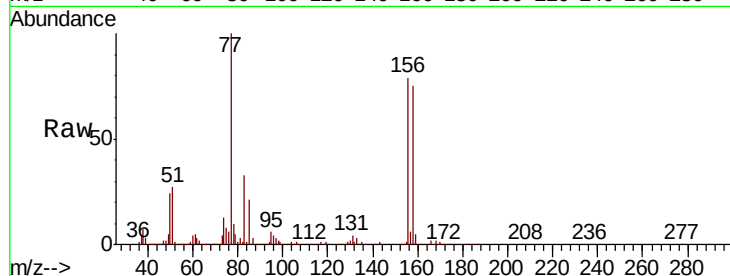
Tot Ion:156 Resp: 178108

Ion Ratio Lower Upper

156 100

77 133.5 66.2 198.6

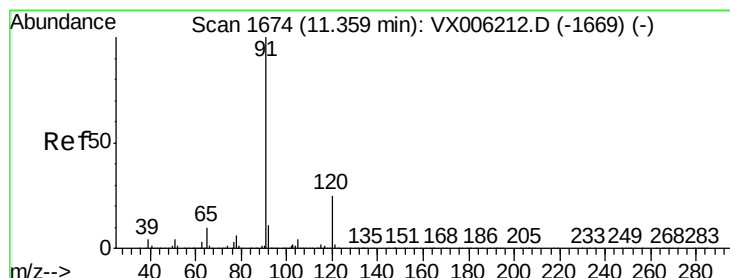
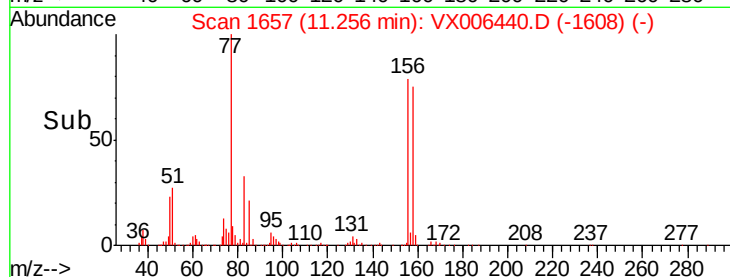
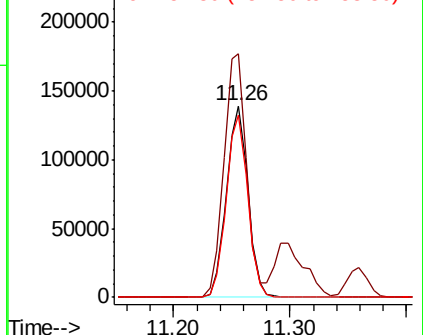
158 95.6 48.8 146.4



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: 21.752 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006440.D

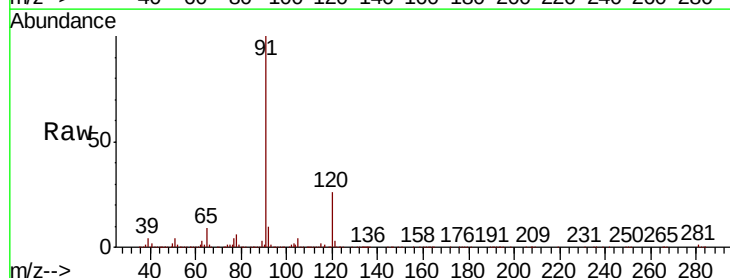
Acq: 12 Dec 2018 13:06

Tgt Ion: 91 Resp: 702339

Ion Ratio Lower Upper

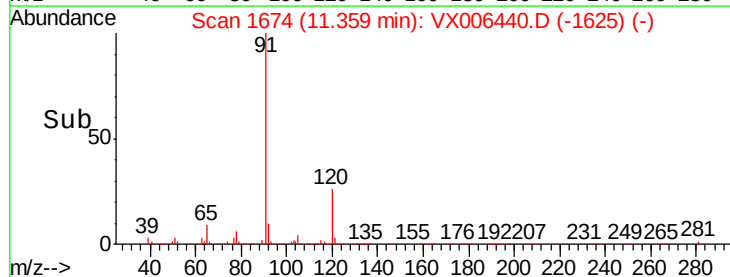
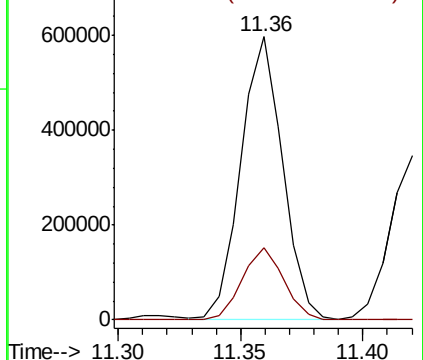
91 100

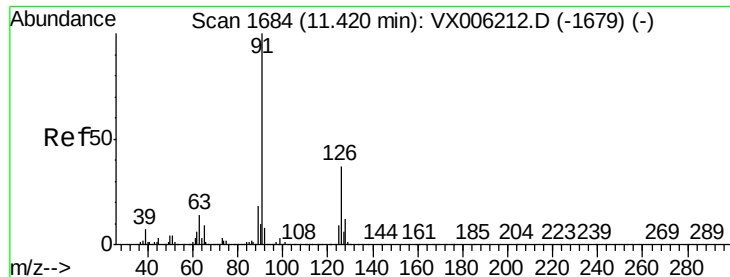
120 25.7 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.029 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

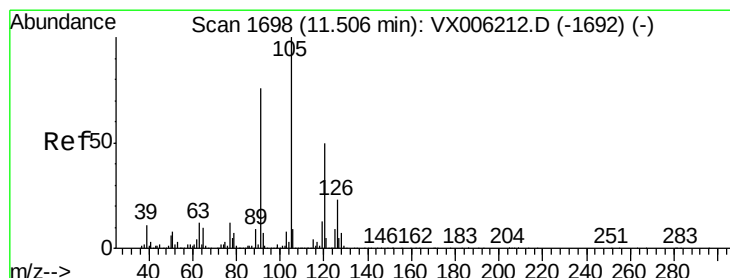
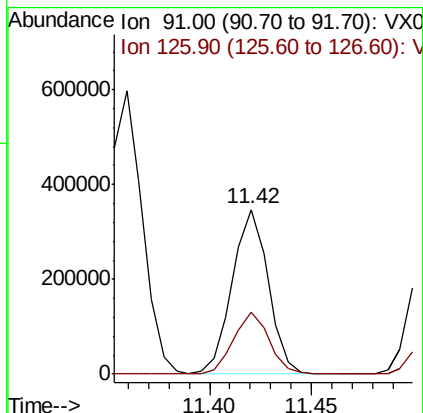
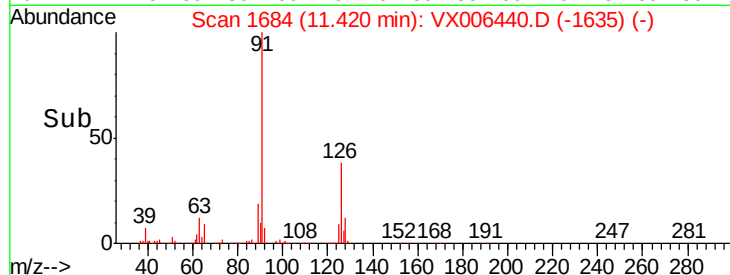
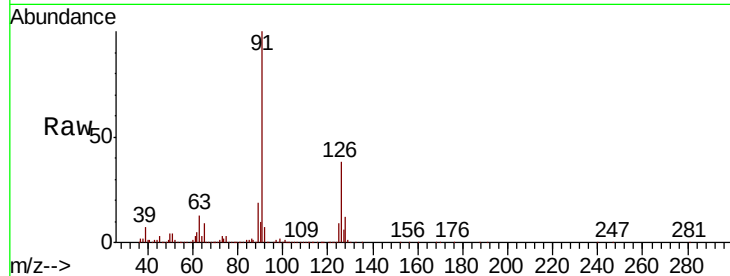
VX1212WBS01

Tot Ion: 91 Resp: 422754

Ion Ratio Lower Upper

91 100

126 37.4 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 22.179 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006440.D

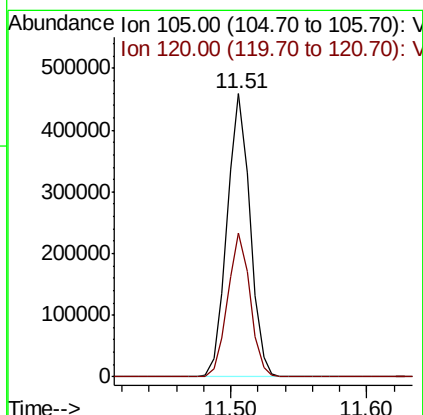
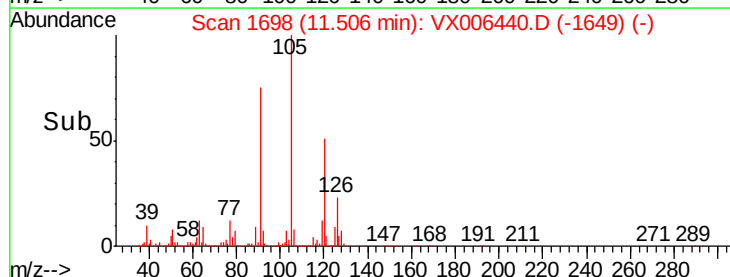
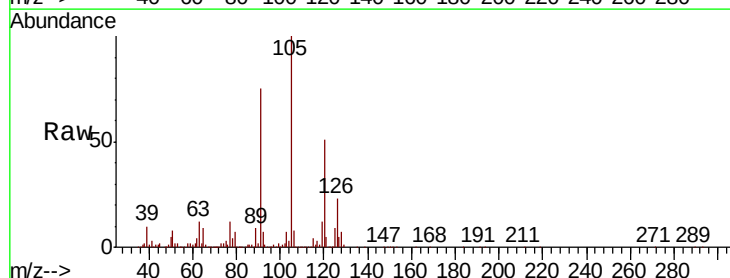
Acq: 12 Dec 2018 13:06

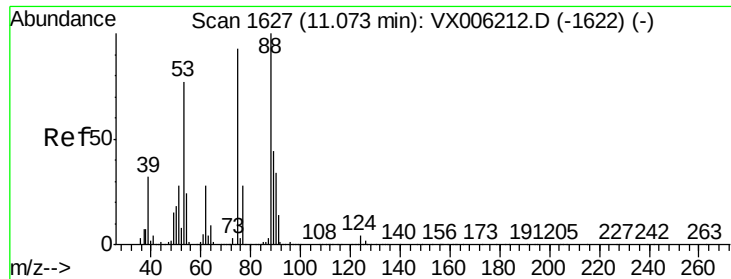
Tgt Ion: 105 Resp: 536017

Ion Ratio Lower Upper

105 100

120 49.9 25.4 76.0

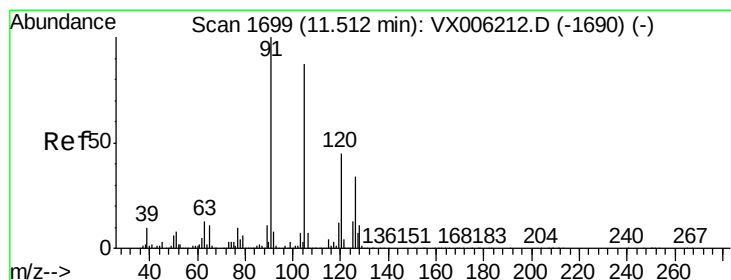
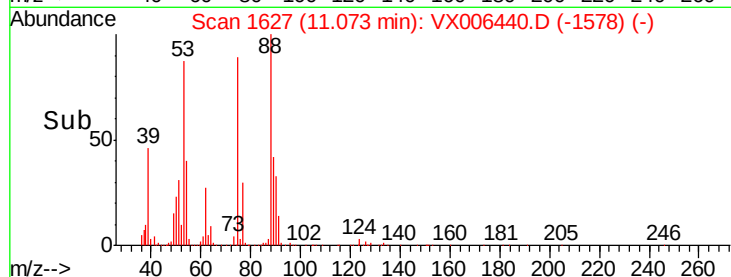
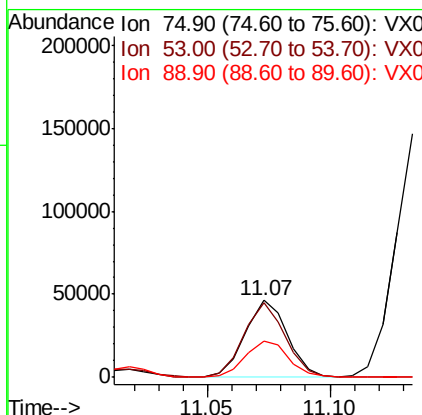
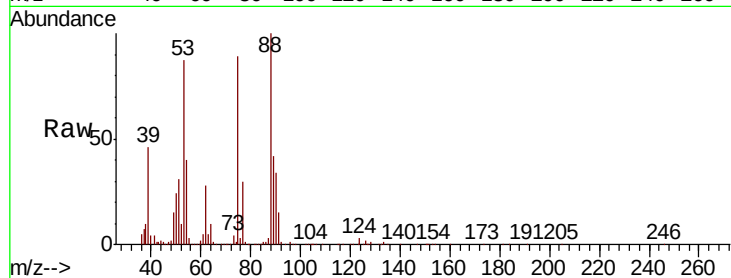




#81
trans-1,4-Dichloro-2-butene
Concen: 16.033 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

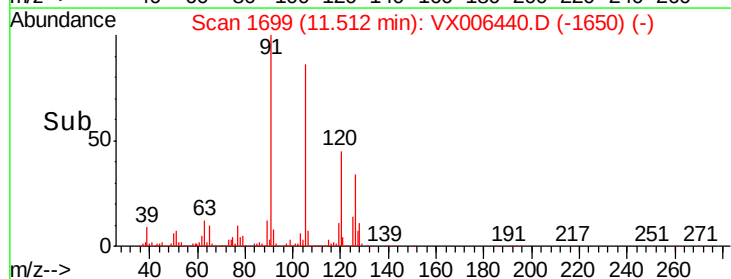
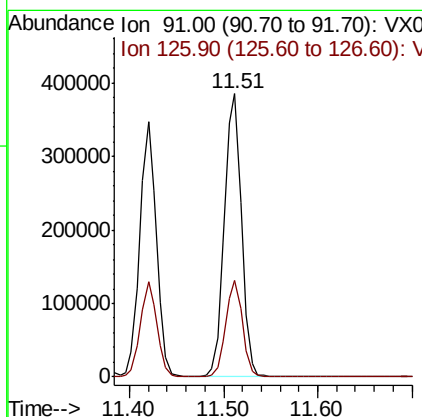
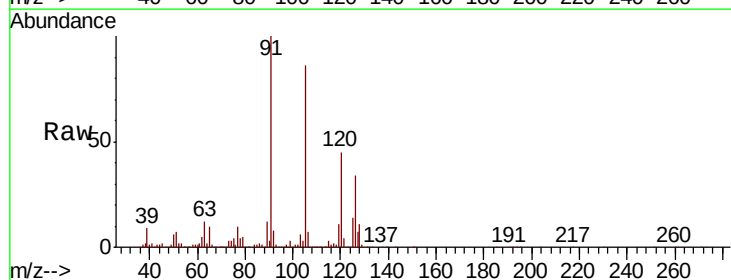
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

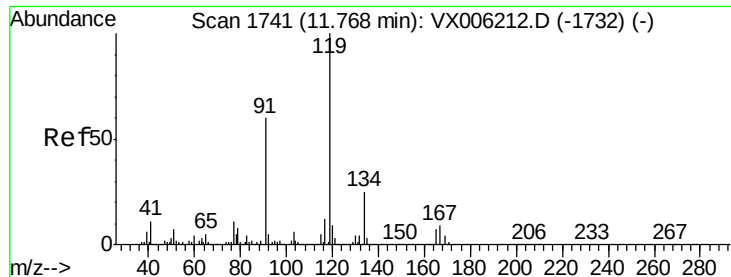
Tot Ion: 75 Resp: 55468
Ion Ratio Lower Upper
75 100
53 95.4 64.4 96.6
89 49.0 44.2 66.4



#82
4-Chlorotoluene
Concen: 21.790 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

Tgt Ion: 91 Resp: 486198
Ion Ratio Lower Upper
91 100
126 33.2 16.4 49.4





#83

tert-Butylbenzene

Concen: 21.699 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

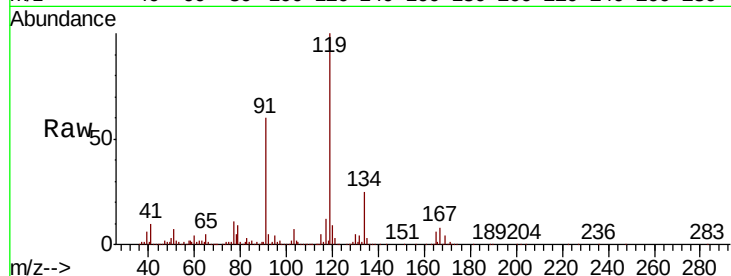
Tot Ion:119 Resp: 559536

Ion Ratio Lower Upper

119 100

91 54.0 26.4 79.2

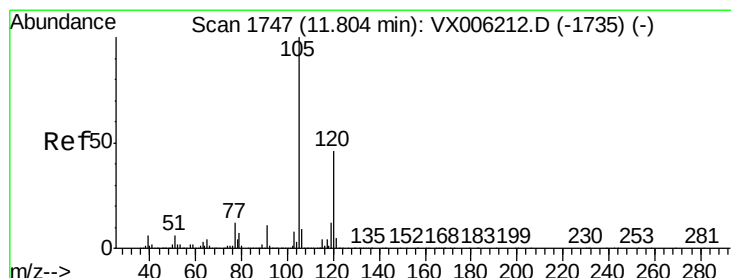
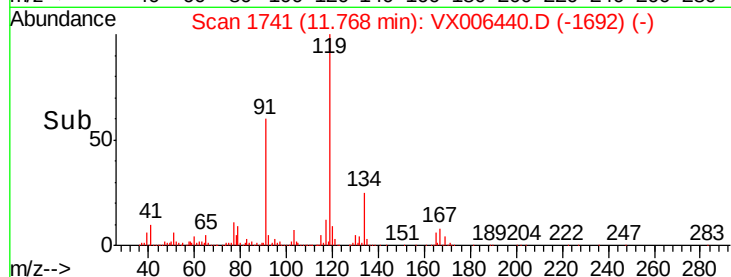
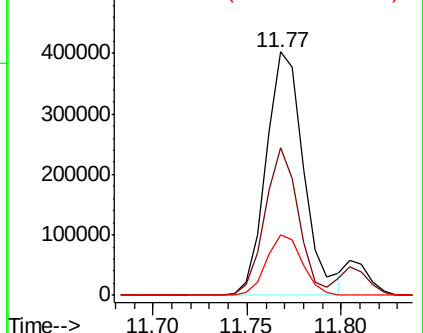
134 23.7 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.035 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006440.D

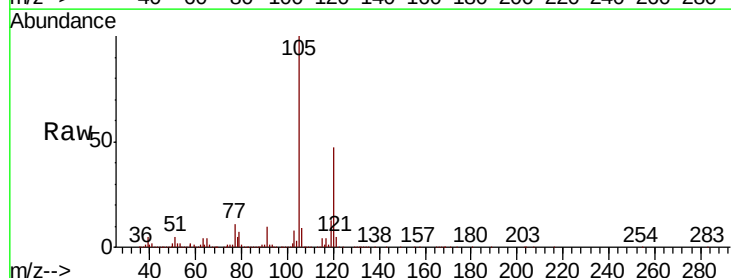
Acq: 12 Dec 2018 13:06

Tgt Ion:105 Resp: 549887

Ion Ratio Lower Upper

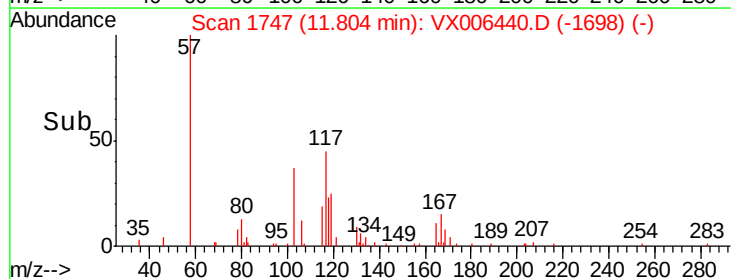
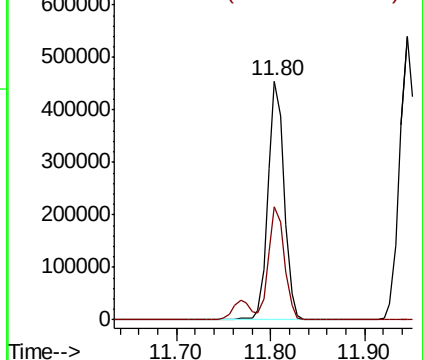
105 100

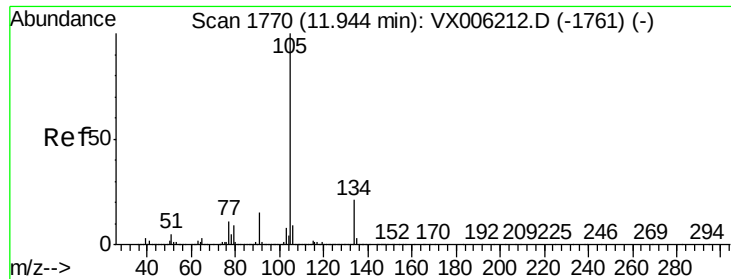
120 46.3 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.926 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

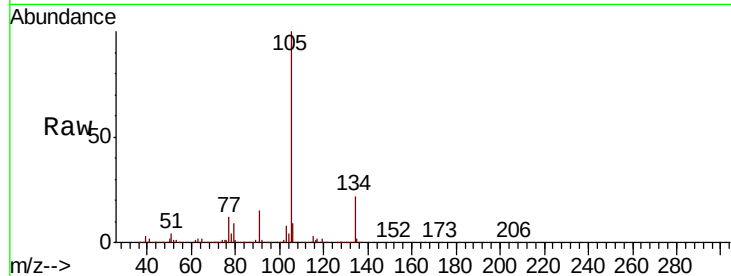
VX1212WBS01

Tot Ion:105 Resp: 643203

Ion Ratio Lower Upper

105 100

134 22.3 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

600000

500000

400000

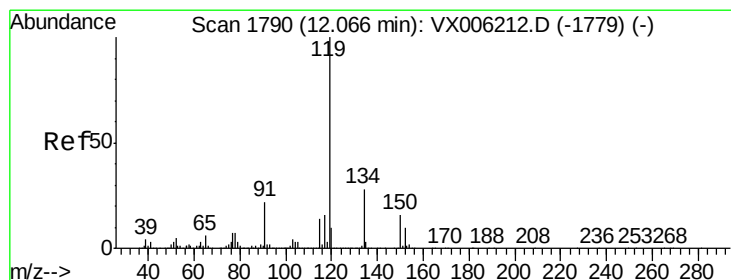
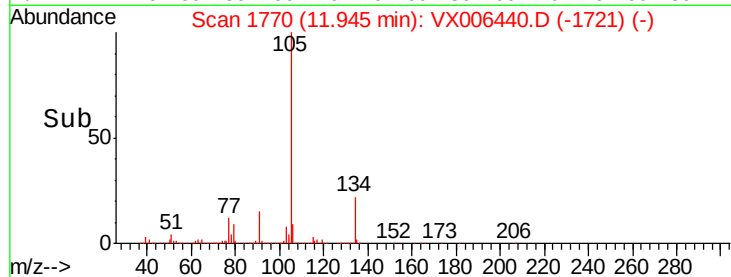
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.853 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

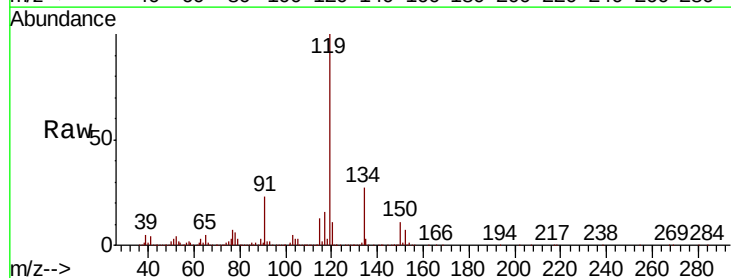
Tgt Ion:119 Resp: 577270

Ion Ratio Lower Upper

119 100

134 28.0 13.9 41.6

91 22.9 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

600000

500000

400000

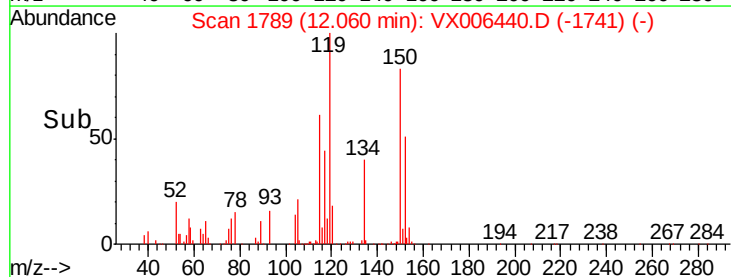
300000

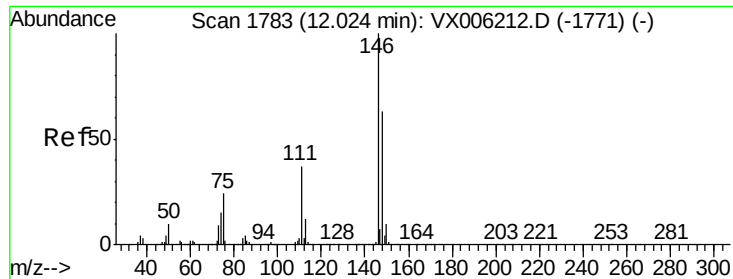
200000

100000

0

Time-->

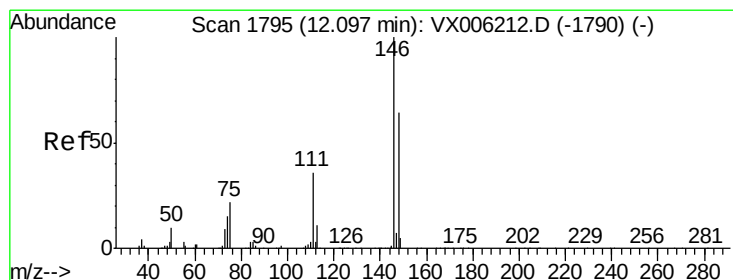
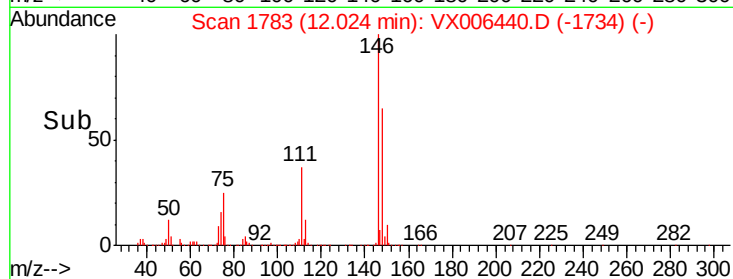
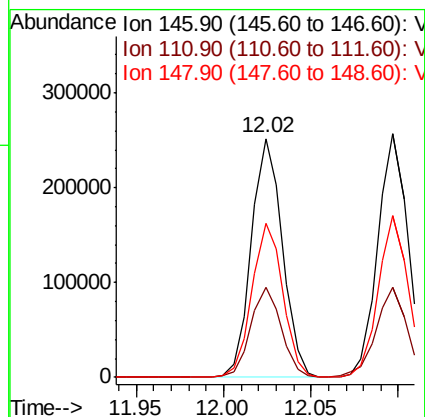
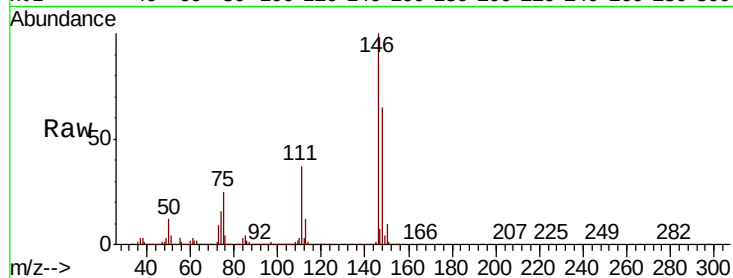




#87
 1,3-Dichlorobenzene
 Concen: 21.694 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006440.D
 Acq: 12 Dec 2018 13:06

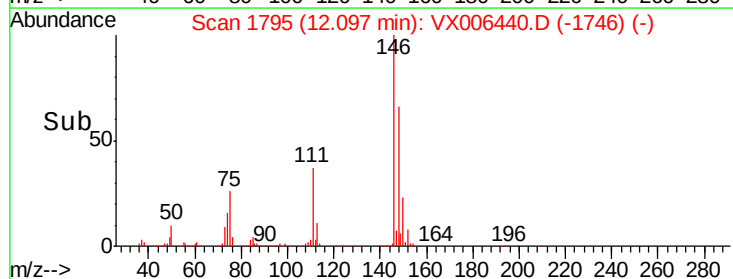
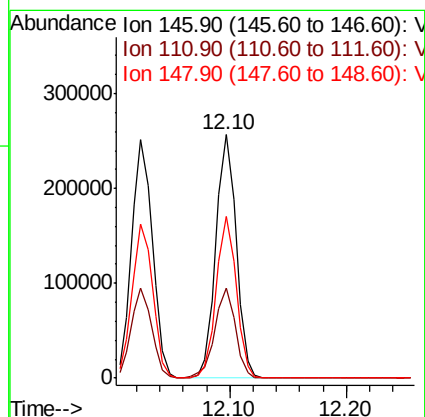
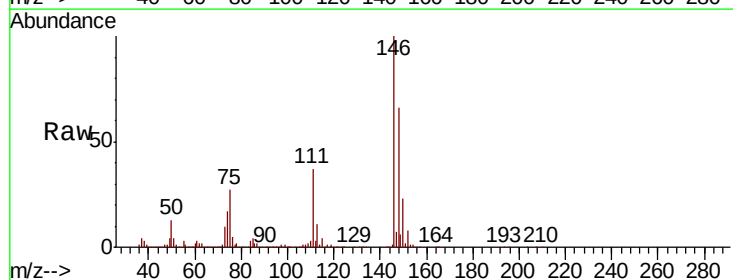
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

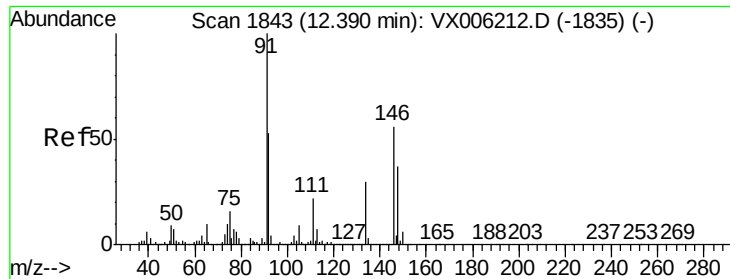
Tot Ion:146 Resp: 311163
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.4 55.2
 148 64.3 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 21.264 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006440.D
 Acq: 12 Dec 2018 13:06

Tgt Ion:146 Resp: 309576
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.3 54.8
 148 65.4 31.9 95.9

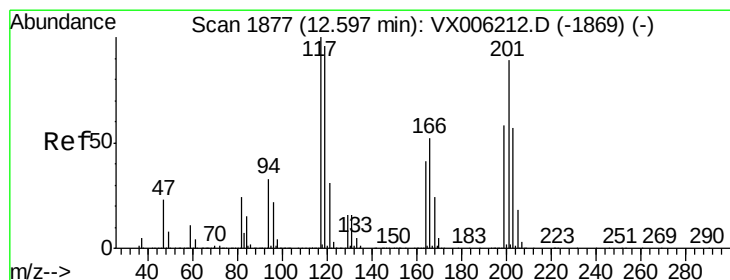
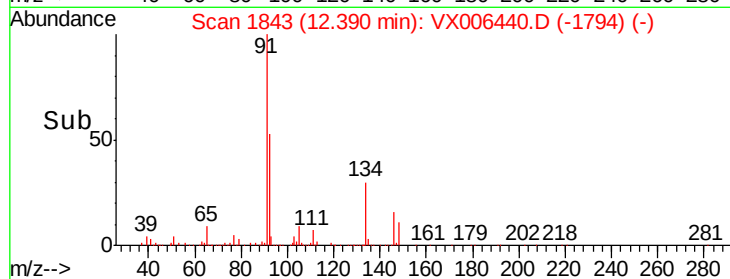
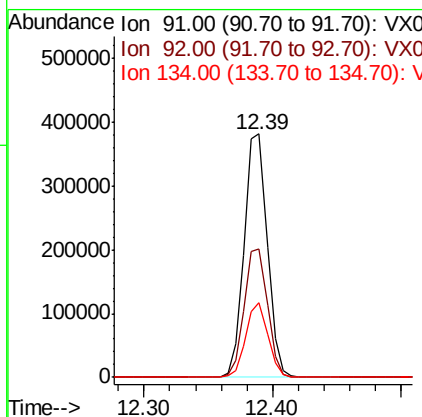
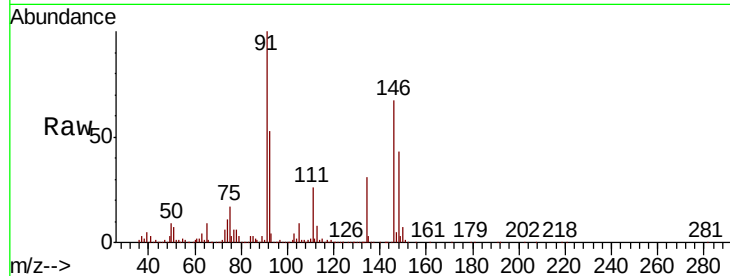




#89
n-Butylbenzene
Concen: 20.892 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

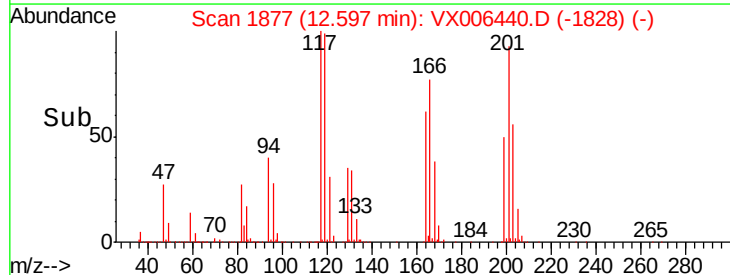
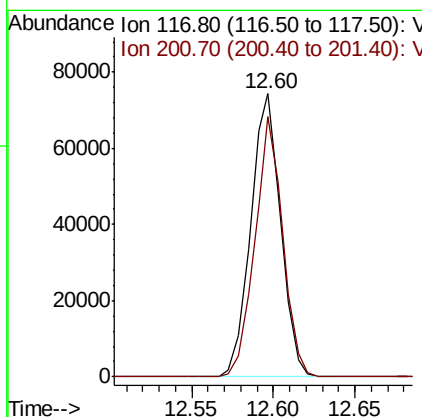
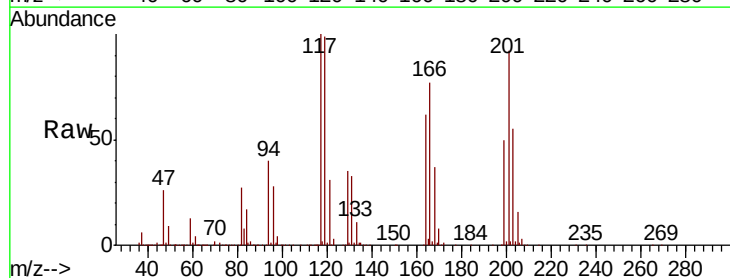
Instrument :
MSVOA_X
ClientSampled :
VX1212WBS01

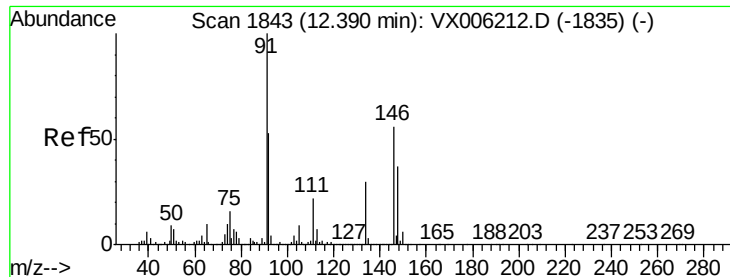
Tot Ion: 91 Resp: 470879
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.8
134 29.3 14.8 44.3



#90
Hexachloroethane
Concen: 17.656 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006440.D
Acq: 12 Dec 2018 13:06

Tgt Ion: 117 Resp: 95056
Ion Ratio Lower Upper
117 100
201 85.5 44.7 134.1

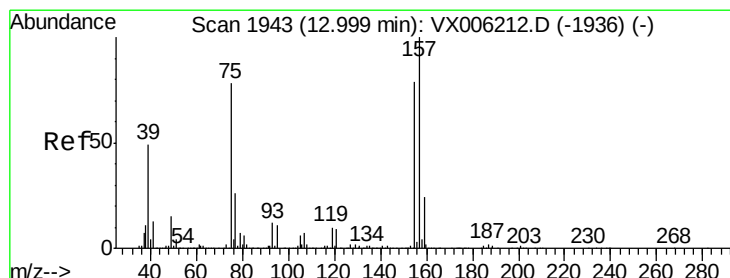
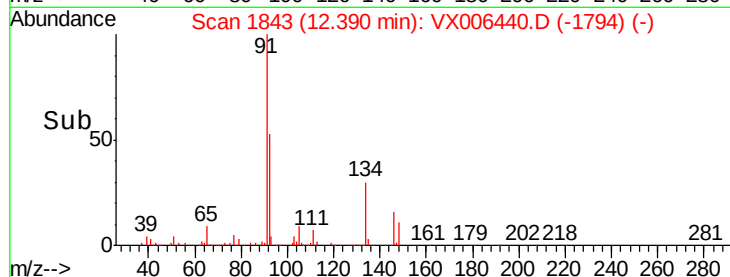
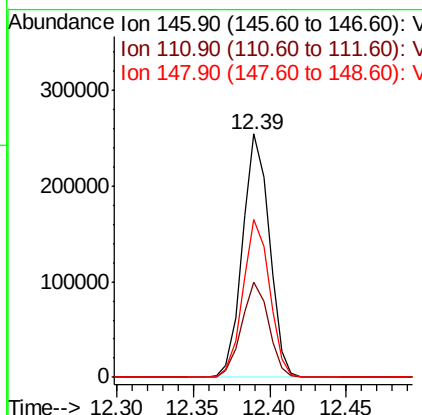
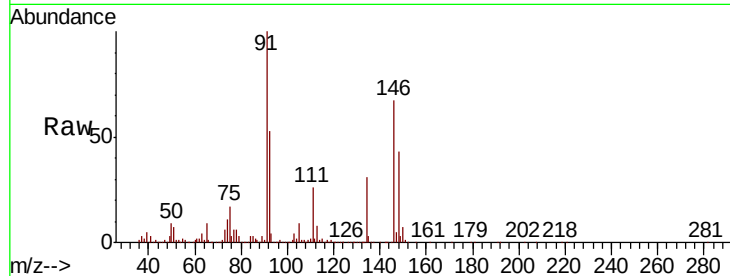




#91
 1,2-Dichlorobenzene
 Concen: 21.859 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006440.D
 Acq: 12 Dec 2018 13:06

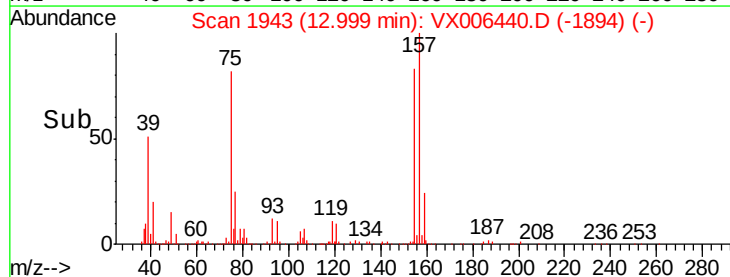
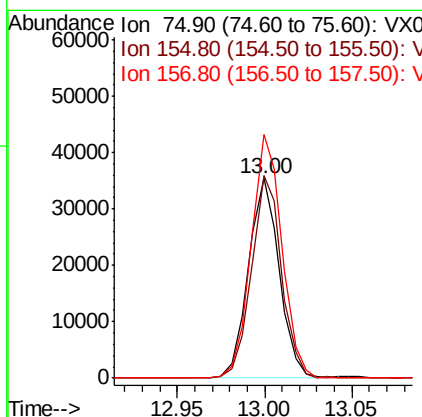
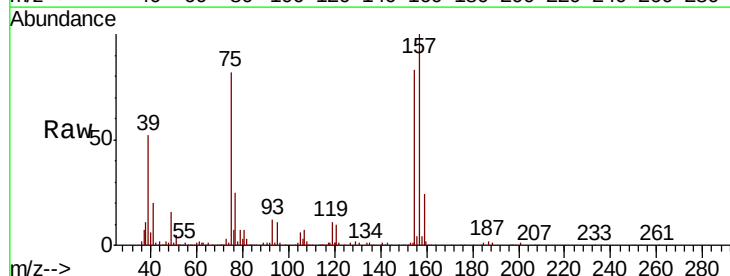
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

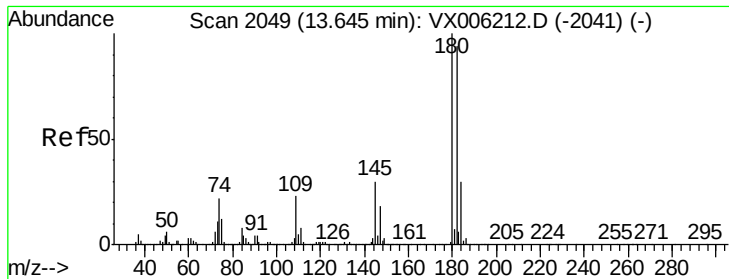
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.1	57.3
148	64.3	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.104 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006440.D
 Acq: 12 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.4	53.4	160.3
157	122.1	68.0	203.8

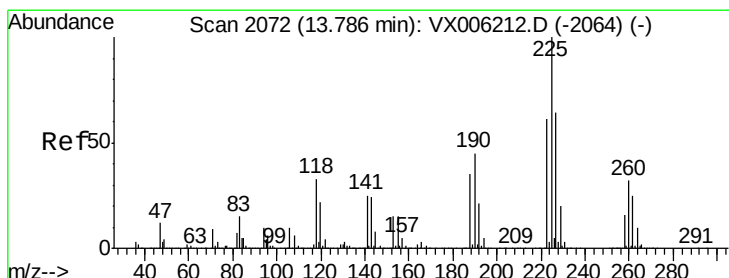
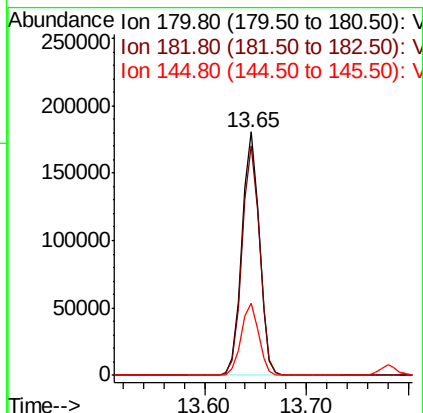
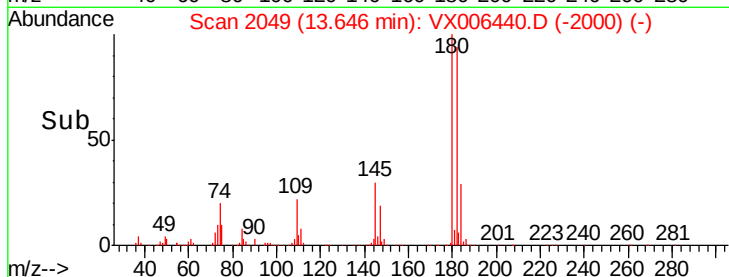
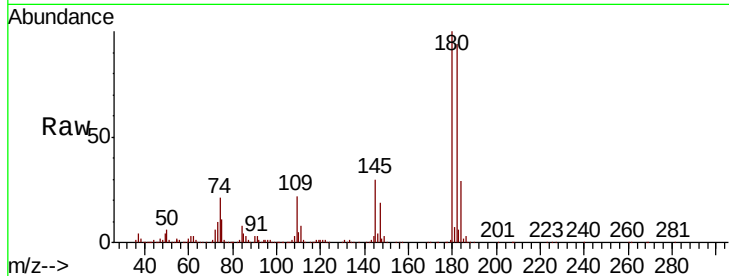




#93
 1,2,4-Trichlorobenzene
 Concen: 20.385 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006440.D
 Acq: 12 Dec 2018 13:06

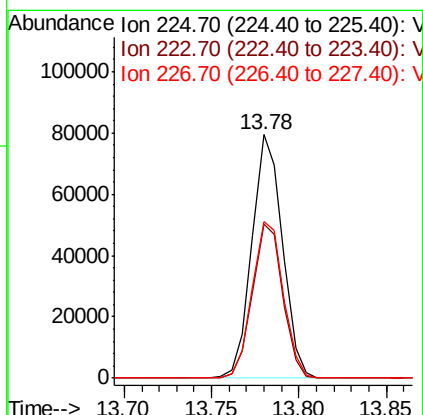
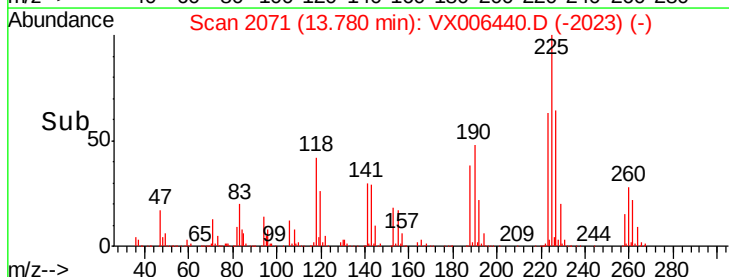
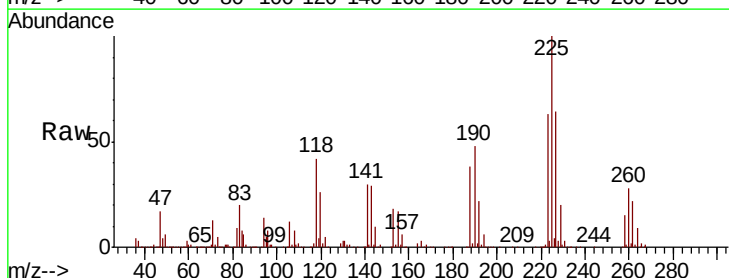
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

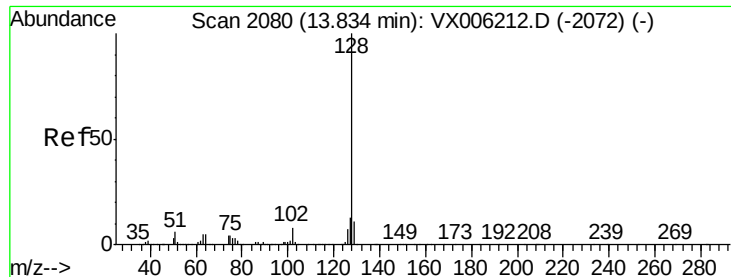
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	141.9
145	30.0	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 20.920 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006440.D
 Acq: 12 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.2	93.6
227	66.0	31.9	95.5





#95

Naphthalene

Concen: 20.979 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

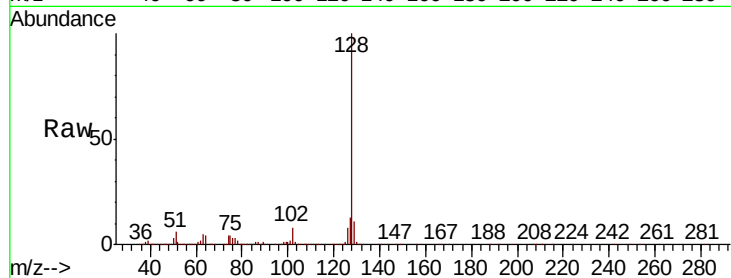
Tot Ion:128 Resp: 677751

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

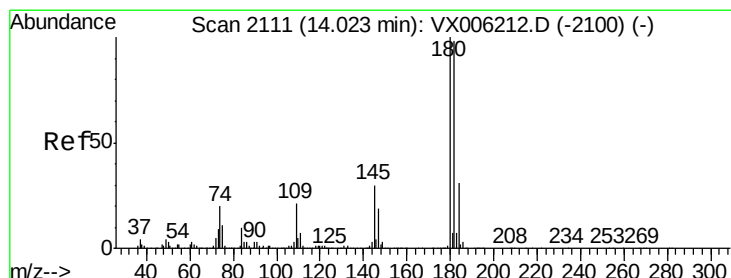
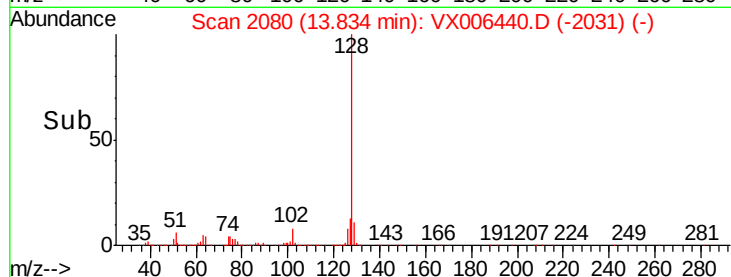
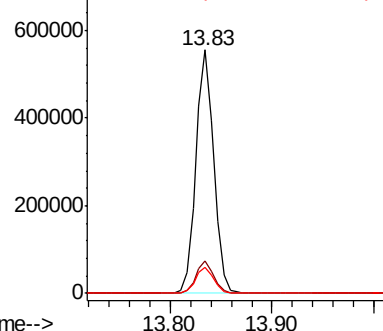
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.805 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006440.D

Acq: 12 Dec 2018 13:06

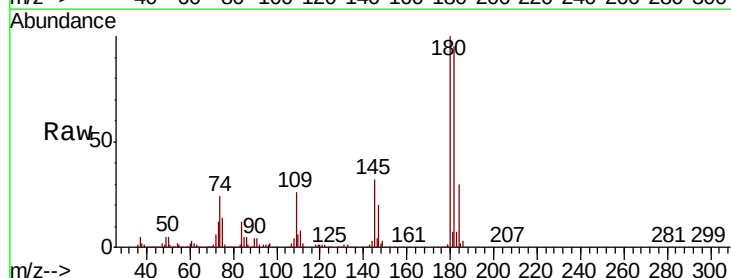
Tgt Ion:180 Resp: 214014

Ion Ratio Lower Upper

180 100

182 94.1 48.4 145.2

145 32.4 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

