

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121418\
 Data File : VX006517.D
 Acq On : 14 Dec 2018 14:45
 Operator : JC/MD
 Sample : VX1214WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 04:35:36 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	591667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	929164	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	851345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	442006	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	320594	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
35) Dibromofluoromethane	5.51	113	290624	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	8.71	98	1080174	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.14	95	409577	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	116072	20.036	ug/l	98
3) Chloromethane	1.33	50	123160	20.688	ug/l	98
4) Vinyl Chloride	1.41	62	133296	20.804	ug/l	97
5) Bromomethane	1.64	94	124589	28.058	ug/l	97
6) Chloroethane	1.72	64	83795	21.330	ug/l	96
7) Trichlorofluoromethane	1.93	101	206996	21.046	ug/l	99
8) Diethyl Ether	2.19	74	79512	21.361	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	122710	21.942	ug/l	99
10) Methyl Iodide	2.51	142	173475	20.583	ug/l	99
11) Tert butyl alcohol	3.07	59	167074	101.147	ug/l	100
12) 1,1-Dichloroethene	2.38	96	113936	21.281	ug/l	89
13) Acrolein	2.29	56	91215	101.034	ug/l	100
14) Allyl chloride	2.73	41	189732	17.940	ug/l	97
15) Acrylonitrile	3.15	53	345801	100.322	ug/l	99
16) Acetone	2.45	43	293448	103.527	ug/l	96
17) Carbon Disulfide	2.57	76	281270	17.049	ug/l	98
18) Methyl Acetate	2.78	43	192823	20.342	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	397159	20.795	ug/l	98
20) Methylene Chloride	2.86	84	126170	20.915	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	118748	20.813	ug/l	95
22) Diisopropyl ether	3.87	45	353110	21.376	ug/l	98
23) Vinyl Acetate	3.82	43	1426309	101.233	ug/l	99
24) 1,1-Dichloroethane	3.70	63	206456	21.866	ug/l	99
25) 2-Butanone	4.70	43	429617	106.224	ug/l	97
26) 2,2-Dichloropropane	4.59	77	156632	17.975	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	139395	21.904	ug/l	97
28) Bromochloromethane	5.02	49	85044	20.621	ug/l	99
29) Tetrahydrofuran	5.15	42	286834	102.044	ug/l	96
30) Chloroform	5.21	83	220624	22.235	ug/l	99
31) Cyclohexane	5.57	56	189278	21.692	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	190458	20.174	ug/l	99
36) 1,1-Dichloropropene	5.80	75	159201	20.346	ug/l	98
37) Ethyl Acetate	4.85	43	166844	19.041	ug/l	98
38) Carbon Tetrachloride	5.78	117	162230	17.624	ug/l	97

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Quant Time: Dec 15 04:35:36 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	209976	20.674	ug/l	96
40) Benzene	6.15	78	495727	21.153	ug/l	96
41) Methacrylonitrile	5.06	41	92392	19.162	ug/l	98
42) 1,2-Dichloroethane	6.20	62	166308	21.683	ug/l	99
43) Isopropyl Acetate	6.46	43	264186	18.083	ug/l	99
44) Trichloroethene	7.21	130	145475	20.491	ug/l	95
45) 1,2-Dichloropropane	7.52	63	120341	20.205	ug/l	99
46) Dibromomethane	7.66	93	86271	20.056	ug/l	96
47) Bromodichloromethane	7.90	83	149484	17.945	ug/l	97
48) Methyl methacrylate	7.77	41	132391	18.627	ug/l	96
49) 1,4-Dioxane	7.76	88	71675	409.171	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	840282	98.800	ug/l	97
52) Toluene	8.79	92	327990	21.273	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	160627	16.488	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	181762	17.968	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	137866	22.011	ug/l	98
56) Ethyl methacrylate	9.18	69	193038	19.714	ug/l	97
57) 1,3-Dichloropropane	9.37	76	210842	21.287	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	465977	93.777	ug/l	99
59) 2-Hexanone	9.49	43	644286	99.156	ug/l	99
60) Dibromochloromethane	9.59	129	126174	16.336	ug/l	98
61) 1,2-Dibromoethane	9.67	107	143811	20.534	ug/l	98
64) Tetrachloroethene	9.34	164	136814	21.339	ug/l	98
65) Chlorobenzene	10.14	112	382263	21.152	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	127024	18.090	ug/l	98
67) Ethyl Benzene	10.25	91	621393	20.673	ug/l	100
68) m/p-Xylenes	10.36	106	496597	41.245	ug/l	100
69) o-Xylene	10.70	106	252337	21.217	ug/l	97
70) Styrene	10.71	104	392451	20.403	ug/l	99
71) Bromoform	10.86	173	91030	13.733	ug/l #	100
73) Isopropylbenzene	11.02	105	649481	21.277	ug/l	100
74) N-amyl acetate	10.90	43	241839	18.399	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	199457	20.425	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	217365	25.478	ug/l	87
77) Bromobenzene	11.26	156	174281	20.574	ug/l	97
78) n-propylbenzene	11.36	91	710320	20.934	ug/l	99
79) 2-Chlorotoluene	11.42	91	429332	21.289	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	532255	20.957	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	47630	13.101	ug/l #	79
82) 4-Chlorotoluene	11.51	91	489993	20.897	ug/l	100
83) tert-Butylbenzene	11.77	119	560733	20.693	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	552601	21.072	ug/l	100
85) sec-Butylbenzene	11.94	105	653771	21.207	ug/l	100
86) p-Isopropyltoluene	12.06	119	577325	20.798	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	313244	20.782	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	310526	20.297	ug/l	98
89) n-Butylbenzene	12.39	91	472091	19.932	ug/l	99
90) Hexachloroethane	12.60	117	87387	15.446	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	311140	20.799	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38627	15.431	ug/l	98

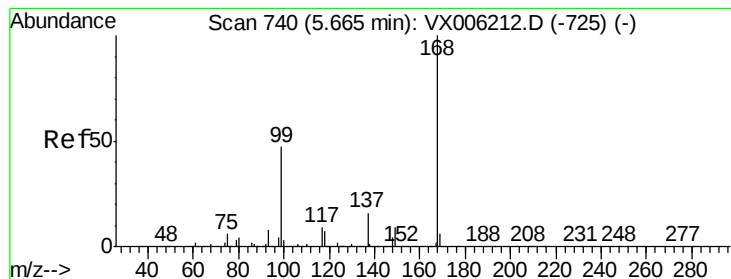
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121418\
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Instrument :
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Quant Time: Dec 15 04:35:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	212194	19.443	ug/l	98
94) Hexachlorobutadiene	13.78	225	97901	20.284	ug/l	99
95) Naphthalene	13.83	128	702308	20.687	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	214982	19.888	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

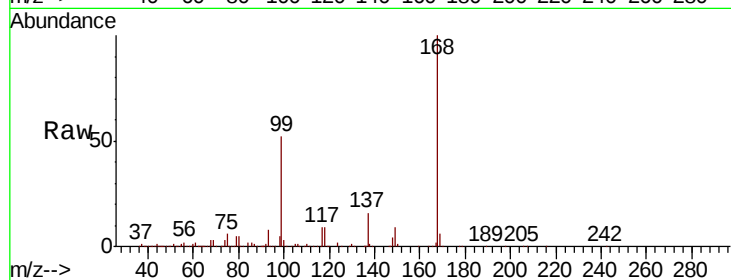
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 591667

Ion Ratio Lower Upper

168 100

99 51.9 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

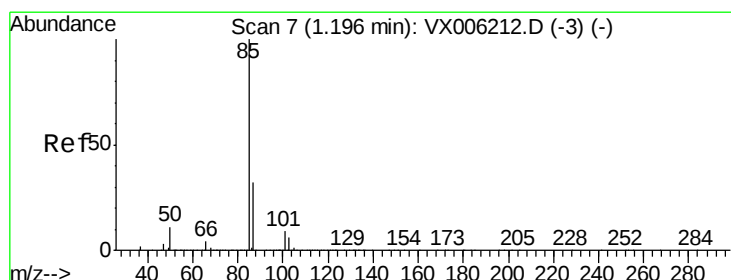
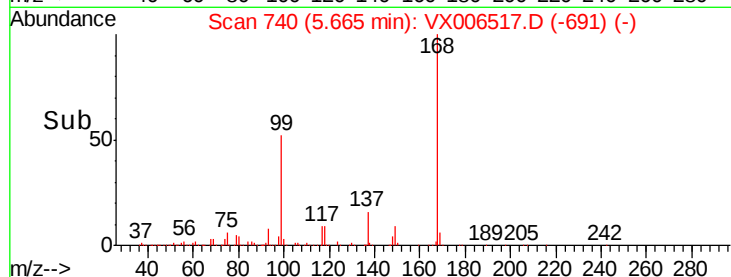
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.036 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006517.D

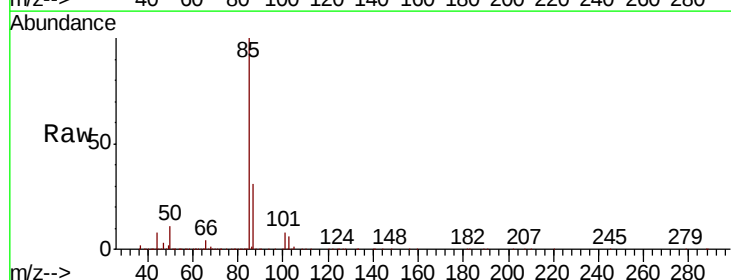
Acq: 14 Dec 2018 14:45

Tgt Ion: 85 Resp: 116072

Ion Ratio Lower Upper

85 100

87 31.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

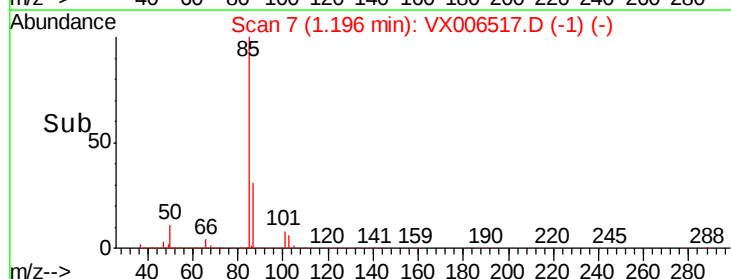
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20000

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Time-->

1.15 1.20 1.25 1.30

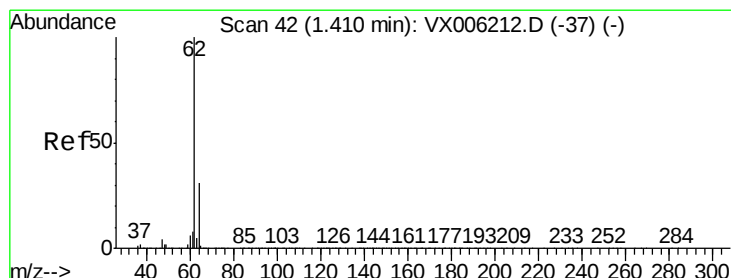
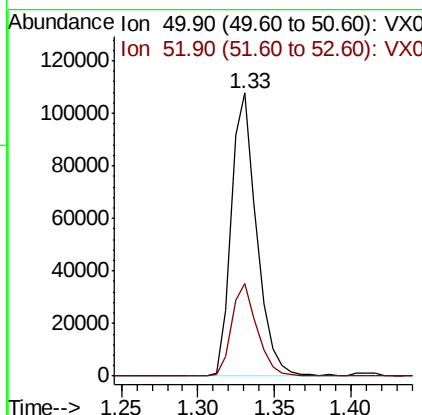
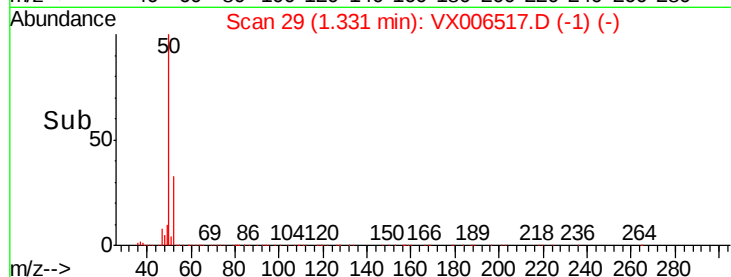
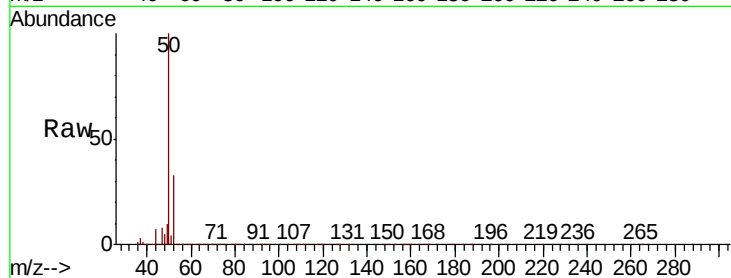




#3
Chloromethane
Concen: 20.688 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

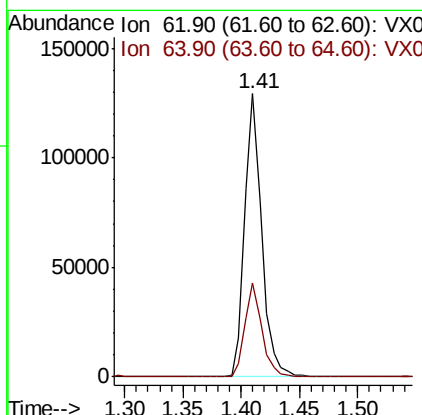
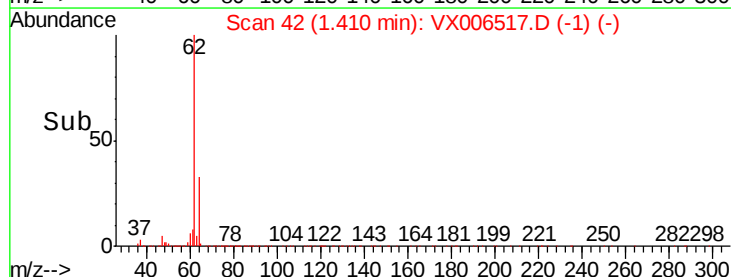
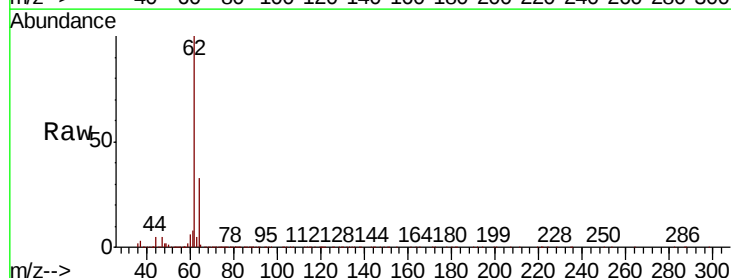
Instrument :
MSVOA_X
ClientSampleId :

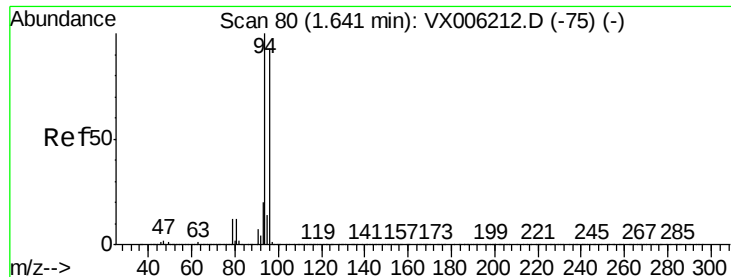
Tot Ion: 50 Resp: 123160
Ion Ratio Lower Upper
50 100
52 32.7 25.2 37.8



#4
Vinyl Chloride
Concen: 20.804 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

Tgt Ion: 62 Resp: 133296
Ion Ratio Lower Upper
62 100
64 32.9 24.9 37.3





#5

Bromomethane

Concen: 28.058 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Instrument :

MSVOA_X

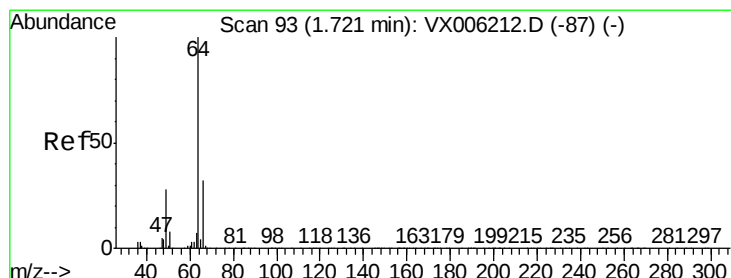
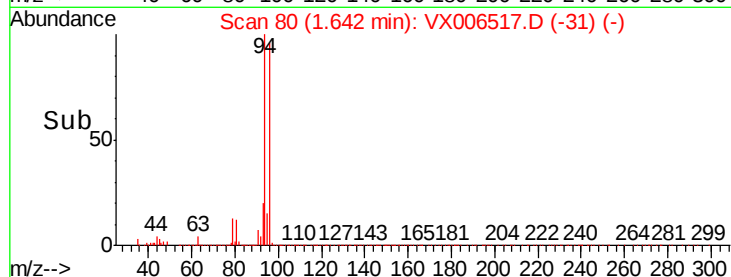
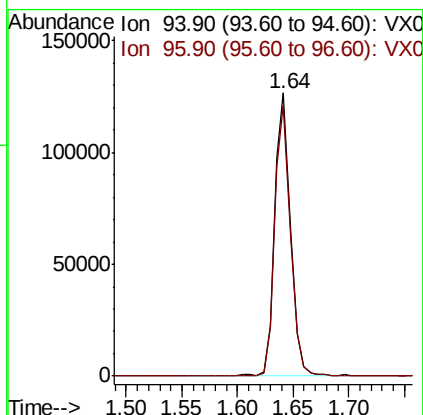
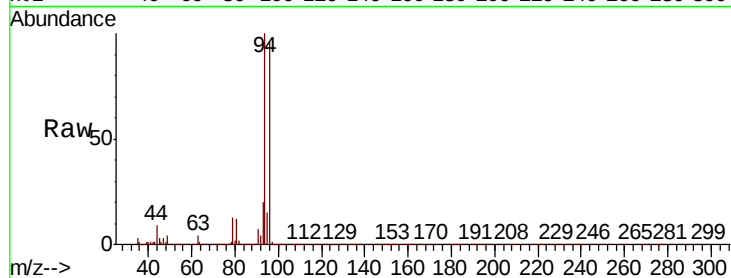
ClientSampleId :

Tot Ion: 94 Resp: 124589

Ion Ratio Lower Upper

94 100

96 95.7 74.5 111.7



#6

Chloroethane

Concen: 21.330 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006517.D

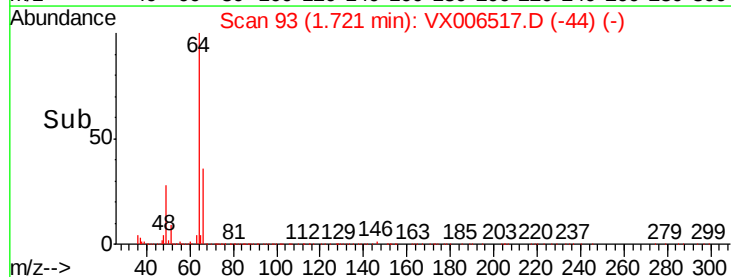
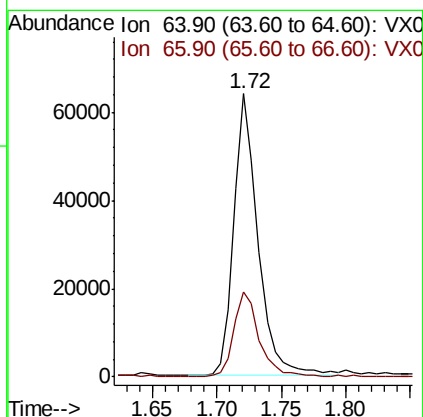
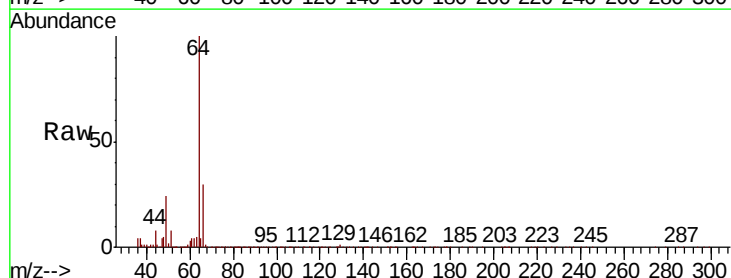
Acq: 14 Dec 2018 14:45

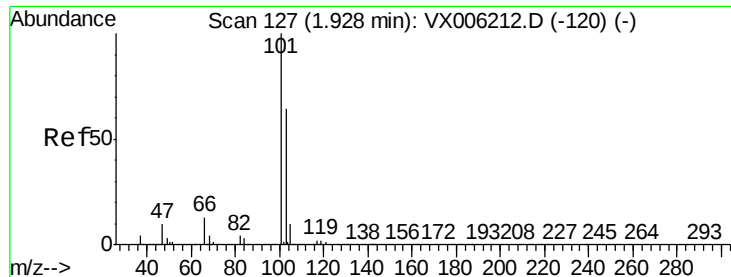
Tgt Ion: 64 Resp: 83795

Ion Ratio Lower Upper

64 100

66 30.2 25.9 38.9



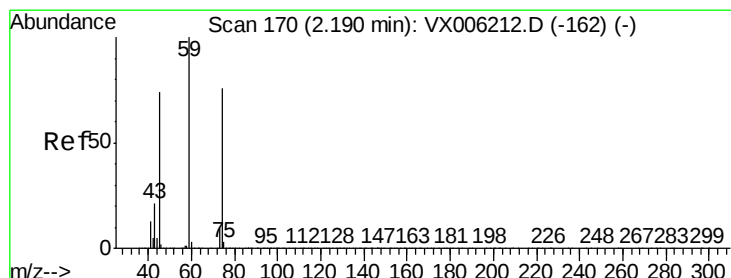
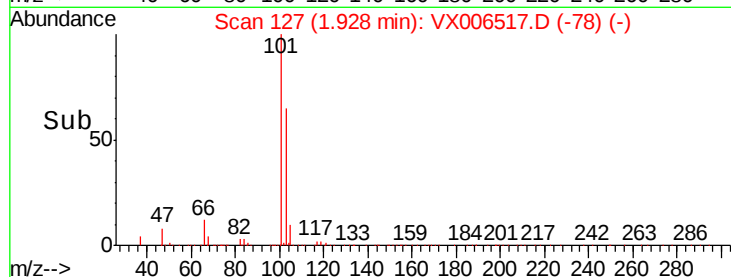
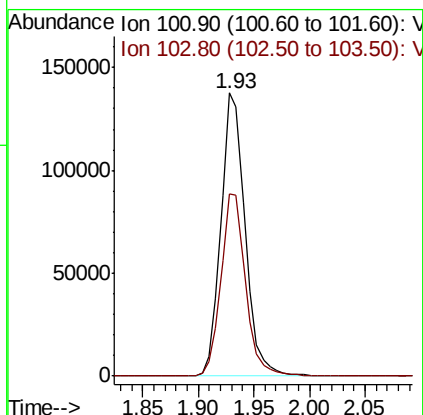
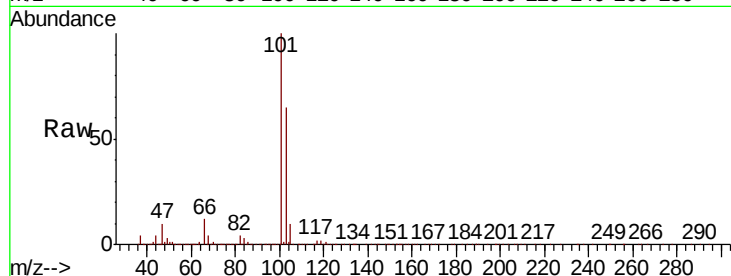


#7

Trichlorofluoromethane
Concen: 21.046 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

Instrument :
MSVOA_X
ClientSampleId :

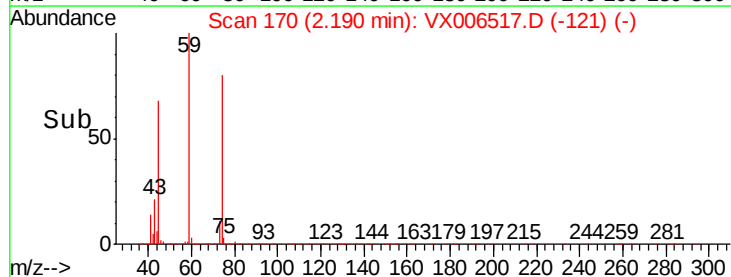
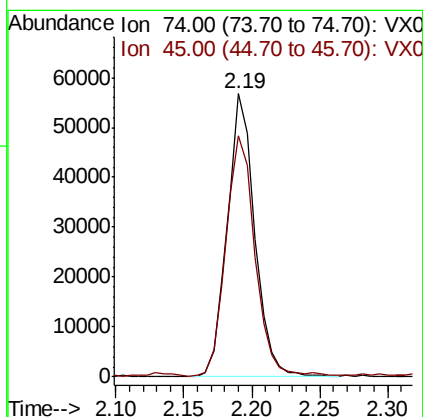
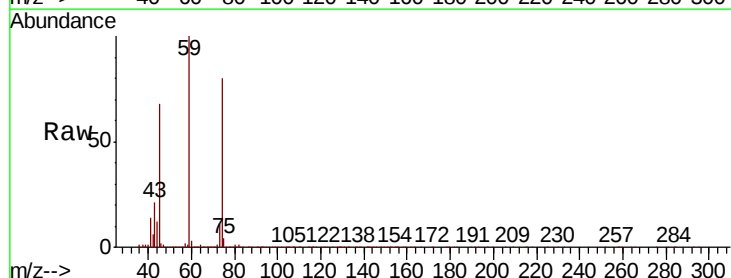
Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.0	76.4

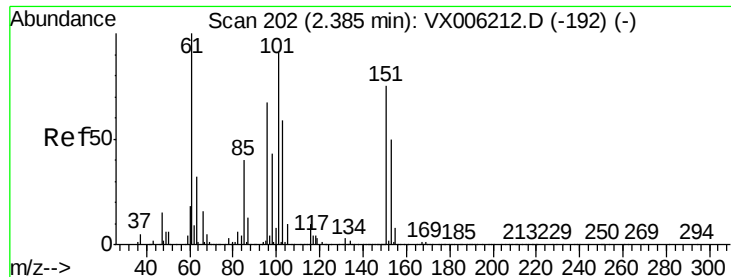


#8

Diethyl Ether
Concen: 21.361 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.3	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.942 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

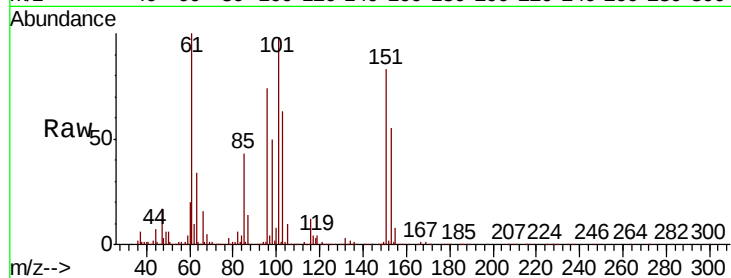
Tot Ion:101 Resp: 122710

Ion Ratio Lower Upper

101 100

85 42.9 35.5 53.3

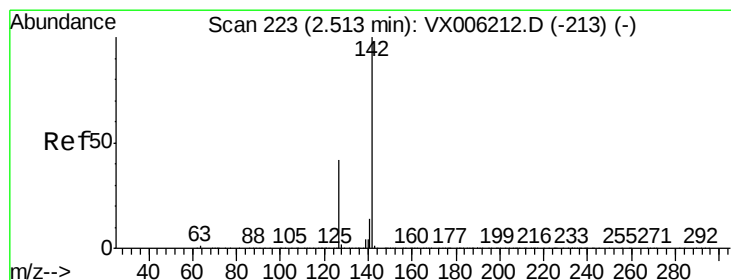
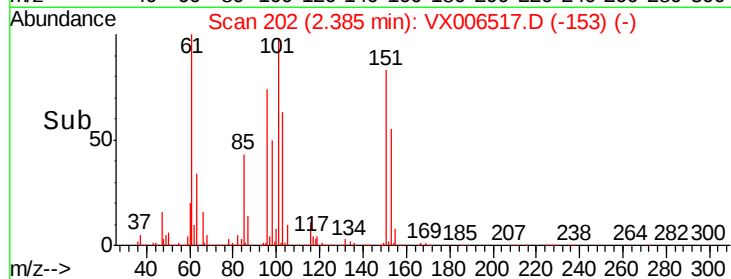
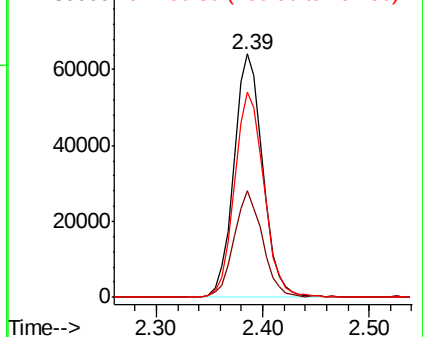
151 85.9 68.6 103.0



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: 20.583 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

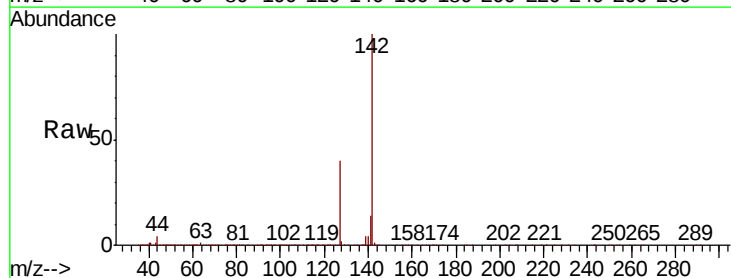
Tgt Ion:142 Resp: 173475

Ion Ratio Lower Upper

142 100

127 42.4 34.8 52.2

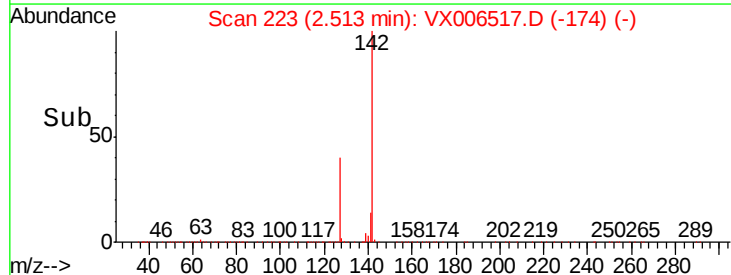
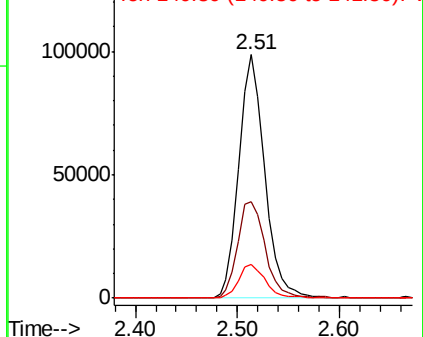
141 14.4 11.4 17.2

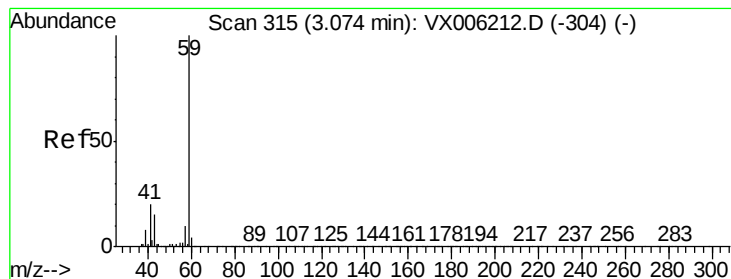


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



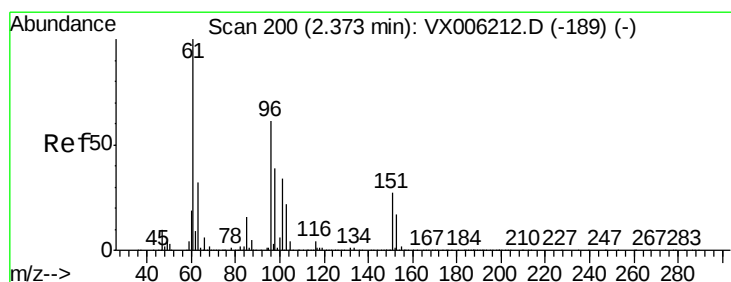
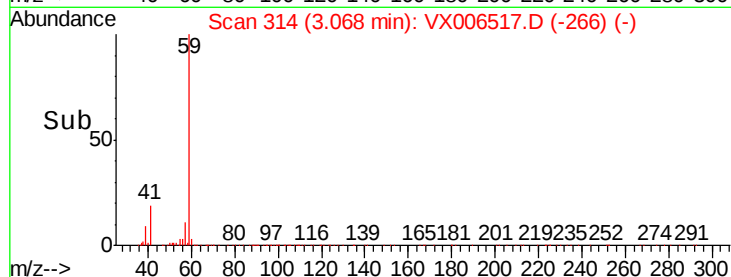
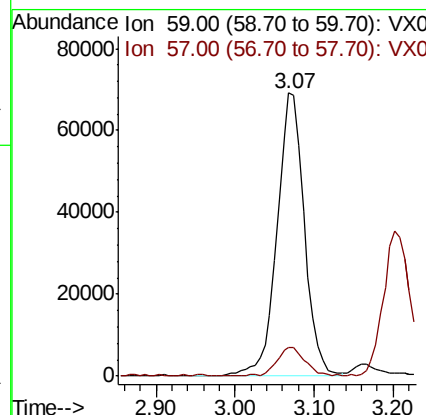
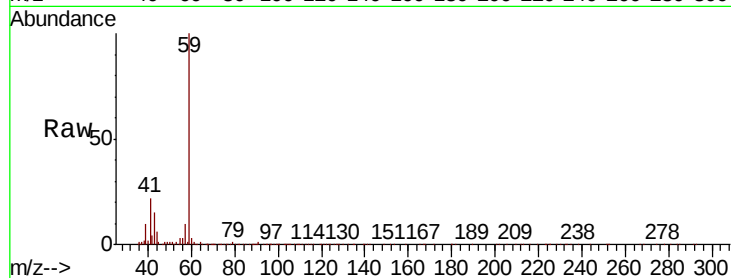


#11

Tert butyl alcohol
Concen: 101.147 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

Instrument :
MSVOA_X
ClientSampleId :

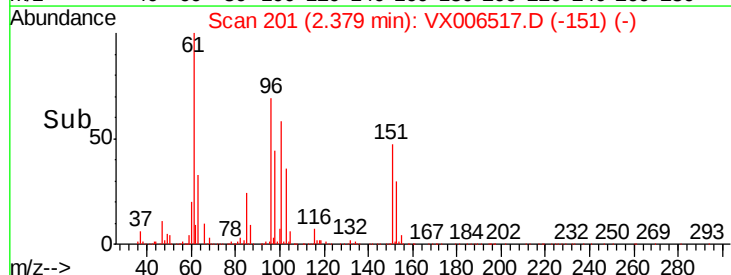
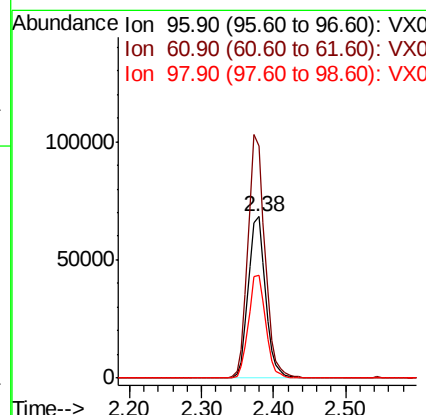
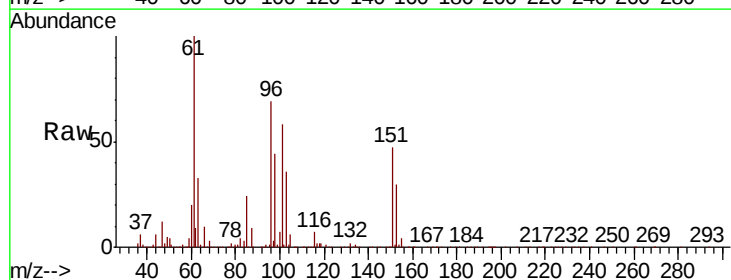
Tot Ion: 59 Resp: 167074
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2

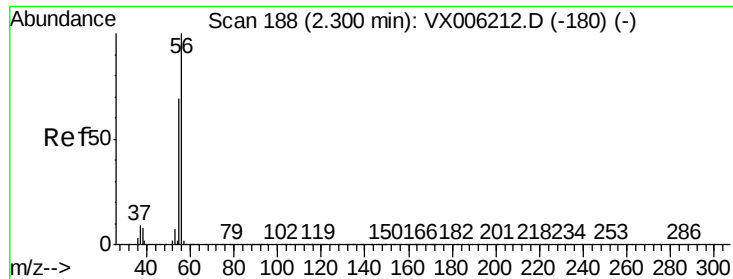


#12

1,1-Dichloroethene
Concen: 21.281 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

Tgt Ion: 96 Resp: 113936
Ion Ratio Lower Upper
96 100
61 143.8 131.7 197.5
98 64.0 51.8 77.6





#13

Acrolein

Concen: 101.034 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

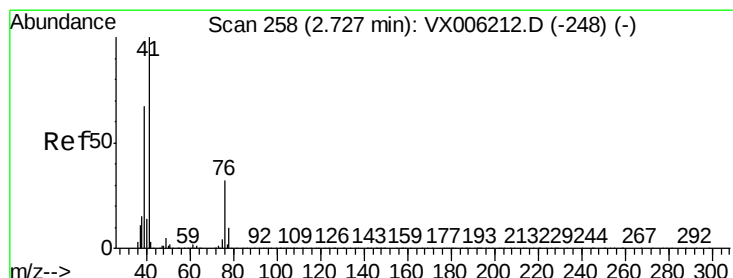
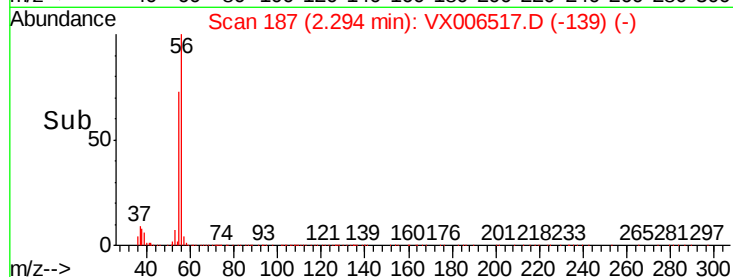
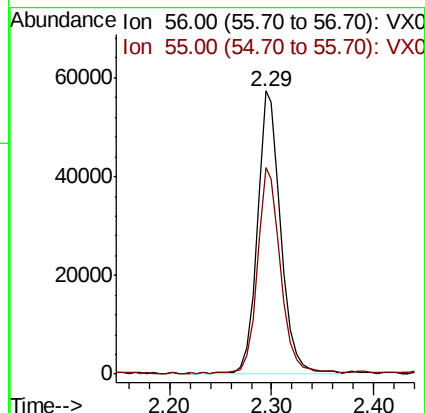
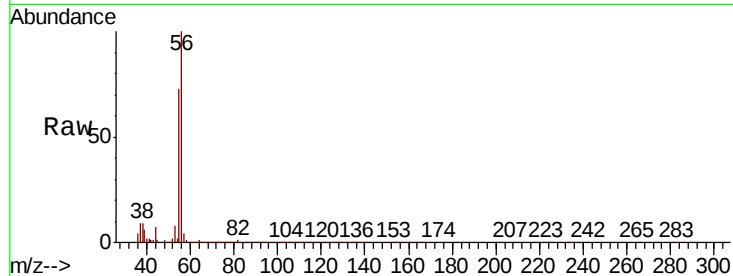
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 91215

Ion Ratio Lower Upper

56 100

55 72.4 57.8 86.6



#14

Allyl chloride

Concen: 17.940 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

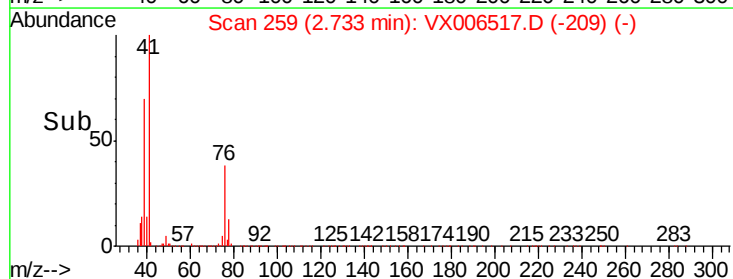
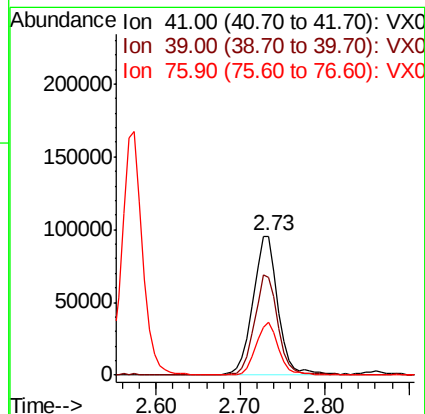
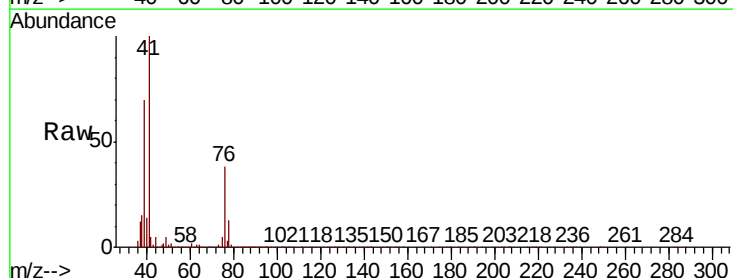
Tgt Ion: 41 Resp: 189732

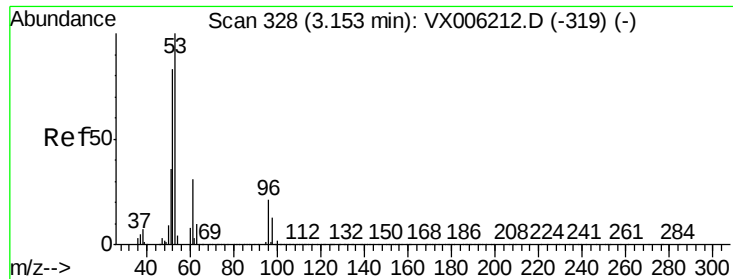
Ion Ratio Lower Upper

41 100

39 68.0 52.4 78.6

76 34.0 25.4 38.0





#15

Acrylonitrile

Concen: 100.322 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

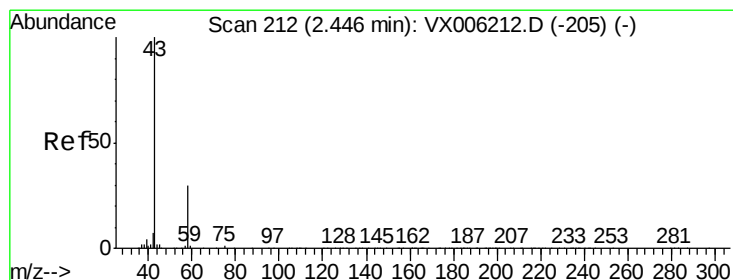
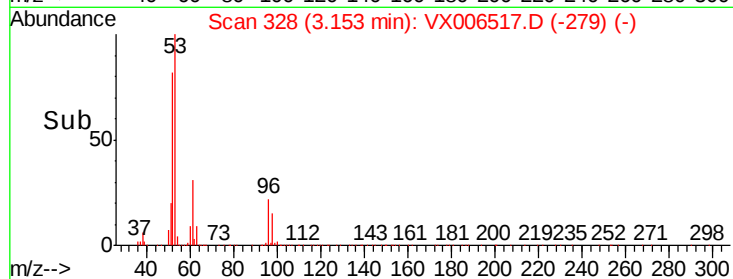
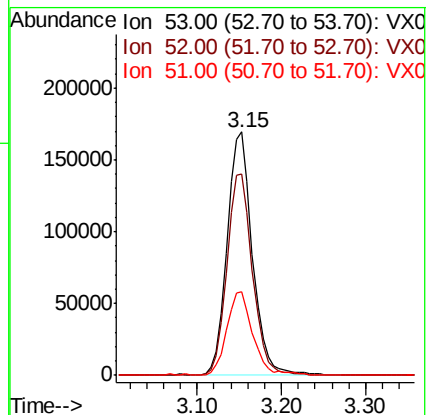
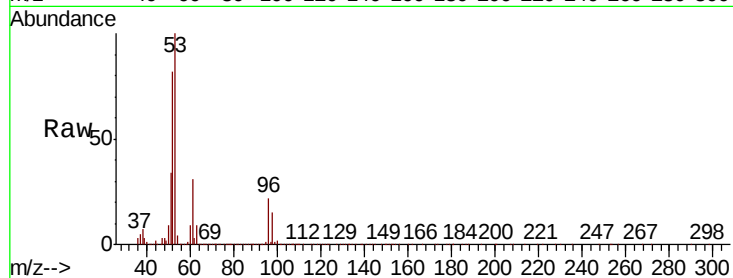
Tot Ion: 53 Resp: 345801

Ion Ratio Lower Upper

53 100

52 83.5 66.2 99.4

51 35.0 28.7 43.1



#16

Acetone

Concen: 103.527 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006517.D

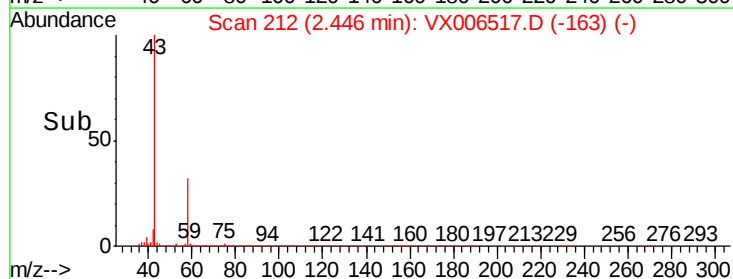
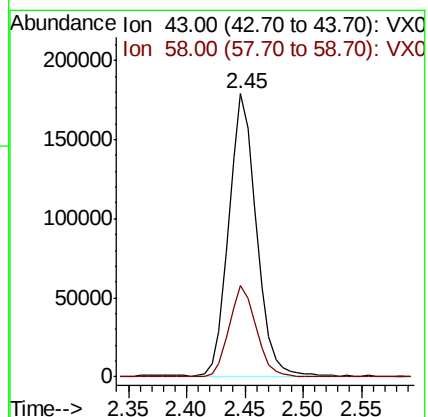
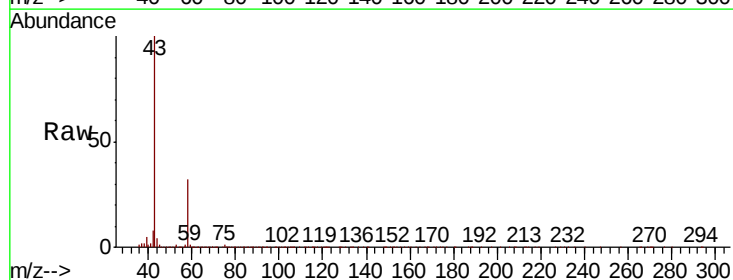
Acq: 14 Dec 2018 14:45

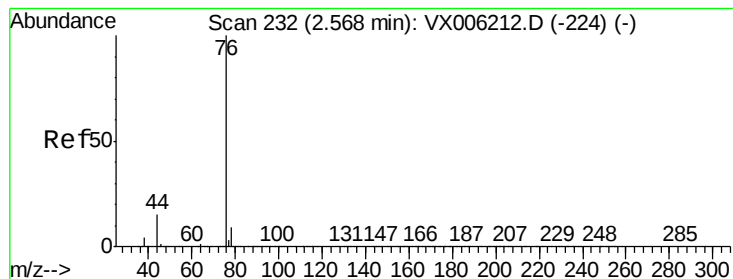
Tgt Ion: 43 Resp: 293448

Ion Ratio Lower Upper

43 100

58 32.1 24.0 36.0





#17

Carbon Disulfide

Concen: 17.049 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Instrument :

MSVOA_X

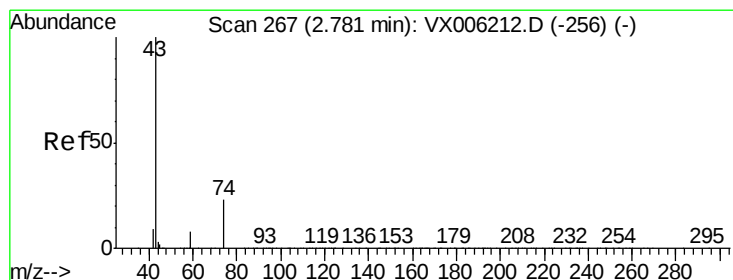
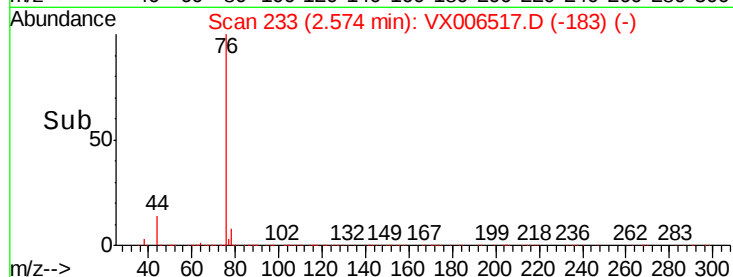
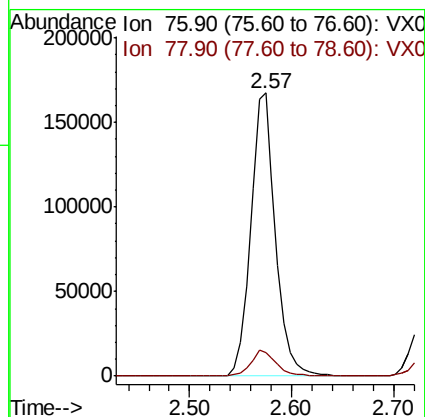
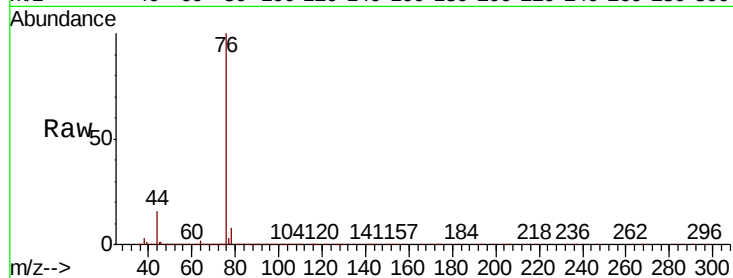
ClientSampleId :

Tot Ion: 76 Resp: 281270

Ion Ratio Lower Upper

76 100

78 8.3 7.1 10.7



#18

Methyl Acetate

Concen: 20.342 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006517.D

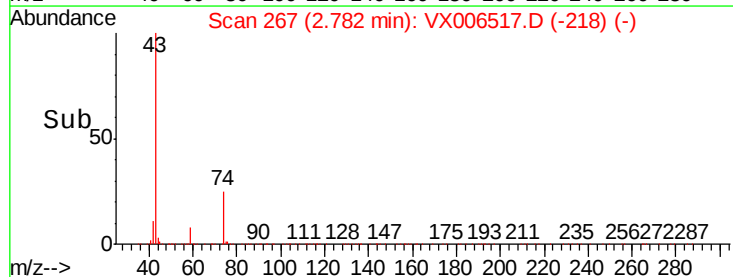
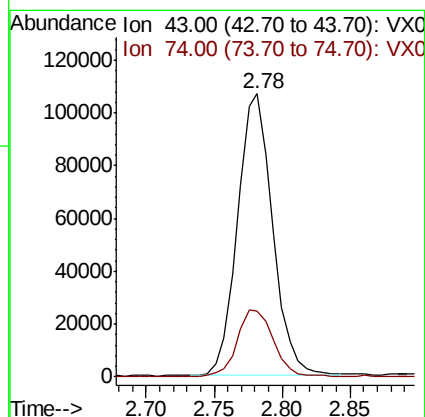
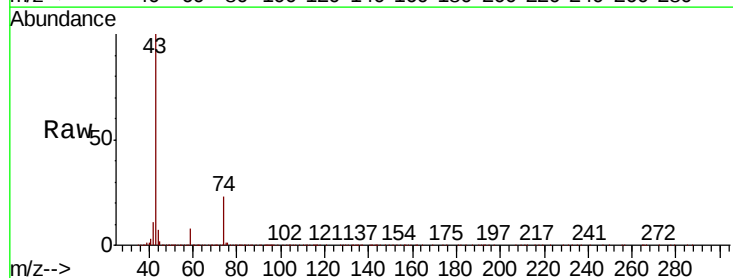
Acq: 14 Dec 2018 14:45

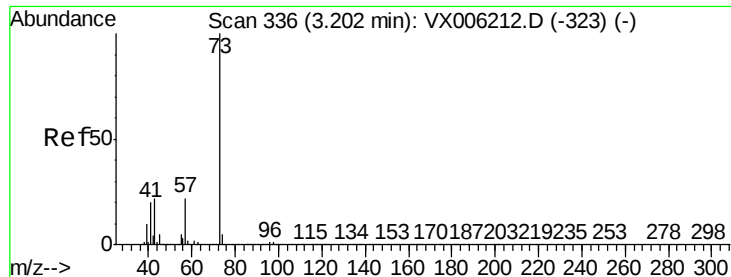
Tgt Ion: 43 Resp: 192823

Ion Ratio Lower Upper

43 100

74 24.6 17.9 26.9

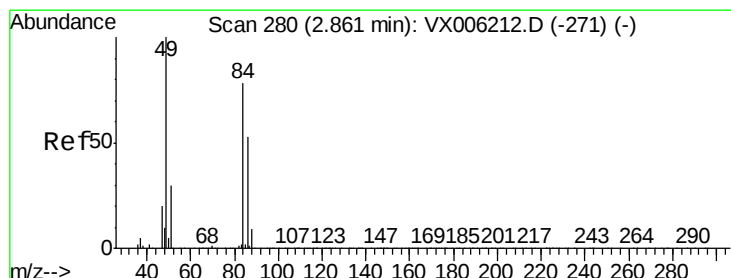
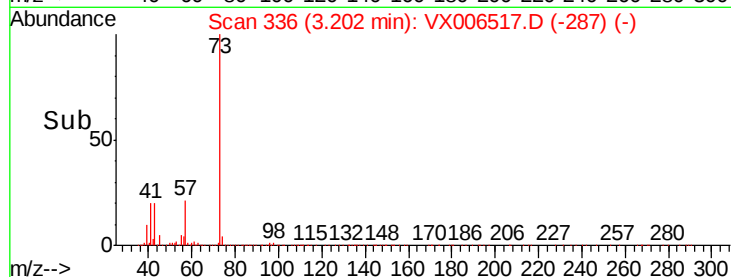
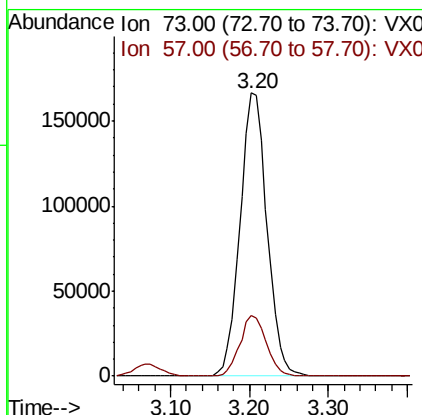
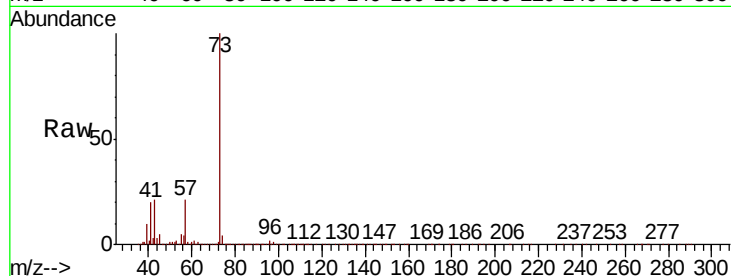




#19
Methvl tert-butvl Ether
Concen: 20.795 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

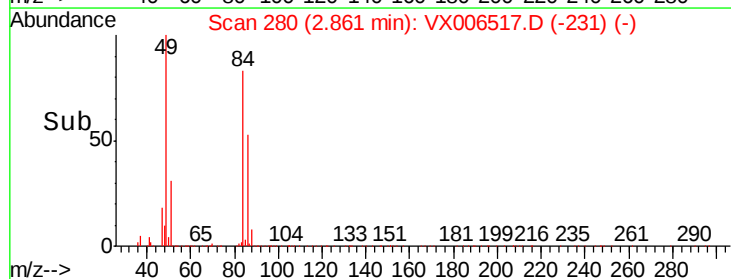
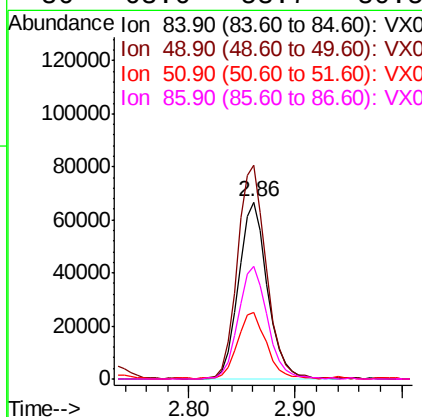
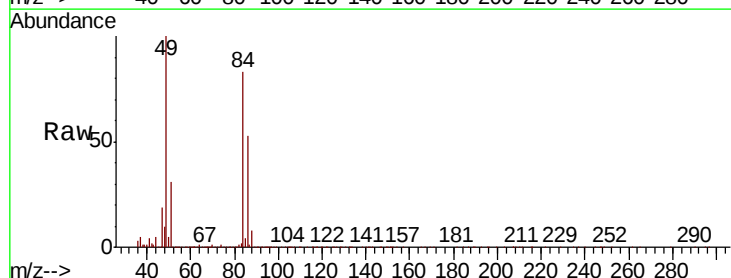
Instrument :
MSVOA_X
ClientSampleId :

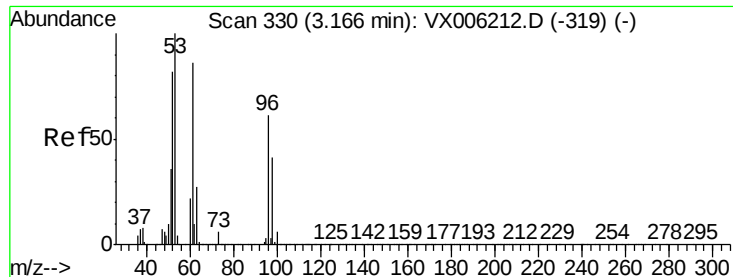
Tot Ion: 73 Resp: 397159
Ion Ratio Lower Upper
73 100
57 21.1 17.5 26.3



#20
Methylene Chloride
Concen: 20.915 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

Tgt Ion: 84 Resp: 126170
Ion Ratio Lower Upper
84 100
49 120.8 102.2 153.4
51 37.7 31.1 46.7
86 63.6 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 20.813 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Instrument :
MSVOA_X
ClientSampleId :

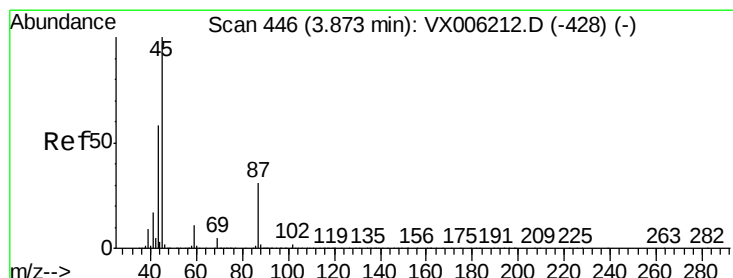
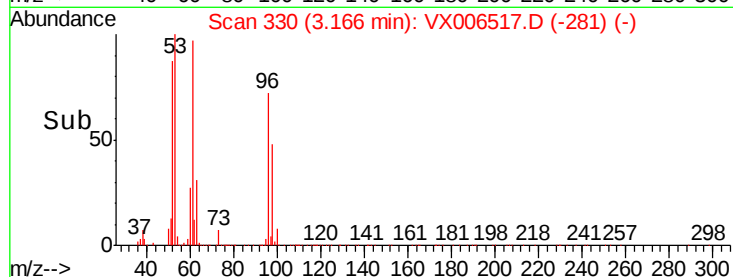
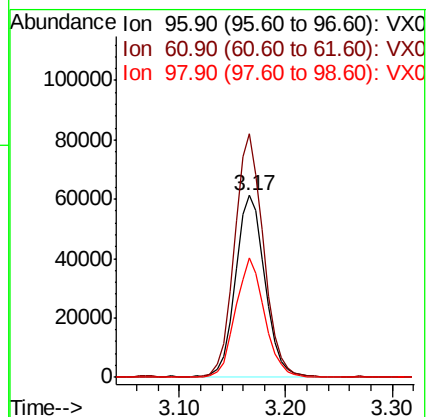
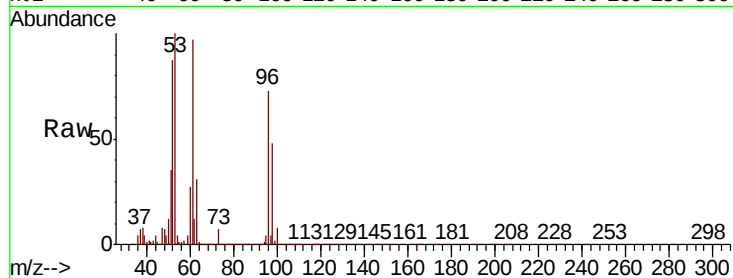
Tot Ion: 96 Resp: 118748

Ion Ratio Lower Upper

96 100

61 133.7 113.3 169.9

98 65.8 53.2 79.8



#22

Diisopropyl ether

Concen: 21.376 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Tgt Ion: 45 Resp: 353110

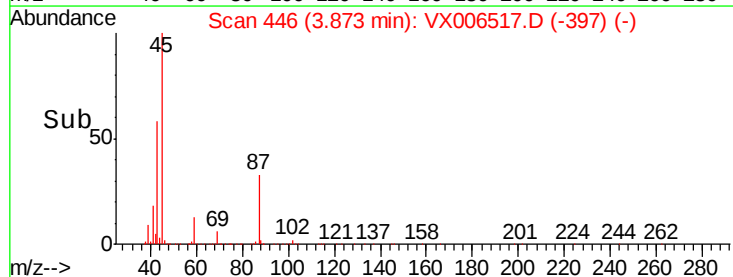
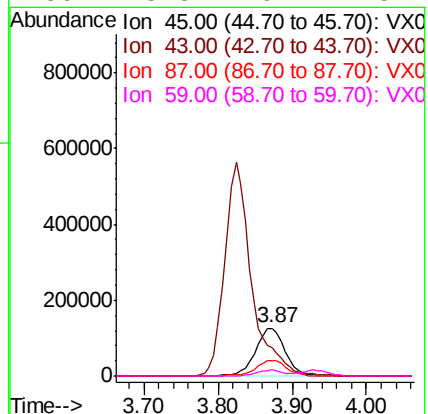
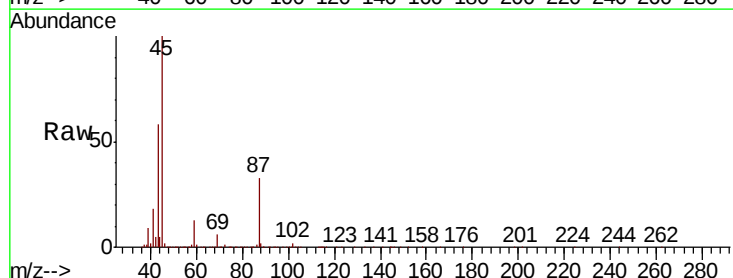
Ion Ratio Lower Upper

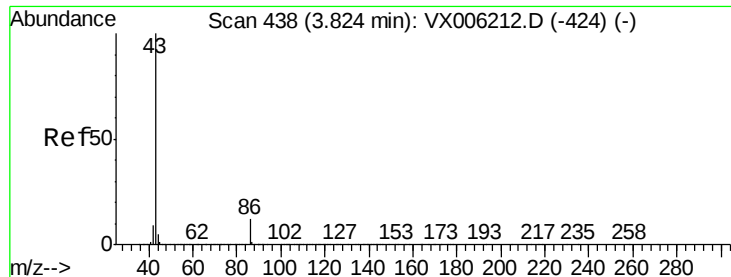
45 100

43 58.3 46.2 69.2

87 33.3 24.9 37.3

59 13.3 9.1 13.7





#23

Vinyl Acetate

Concen: 101.233 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

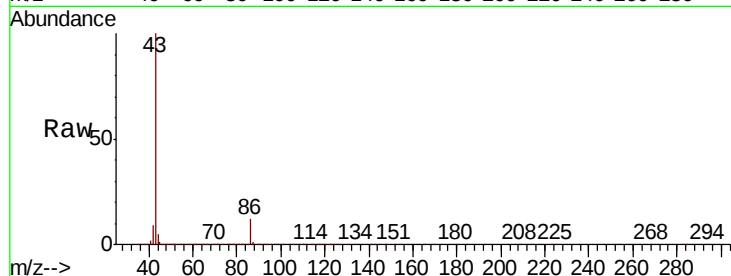
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1426309

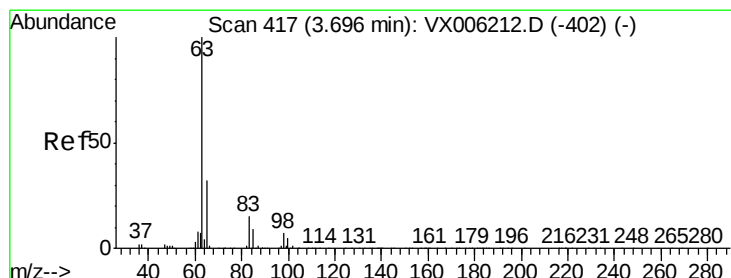
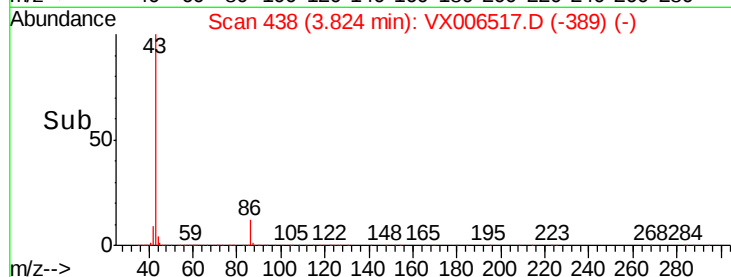
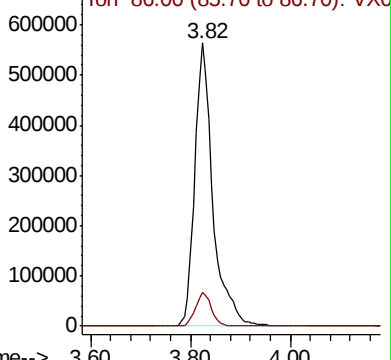
Ion Ratio Lower Upper

43 100

86 11.9 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX006517.D (-389) (-)



#24

1,1-Dichloroethane

Concen: 21.866 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

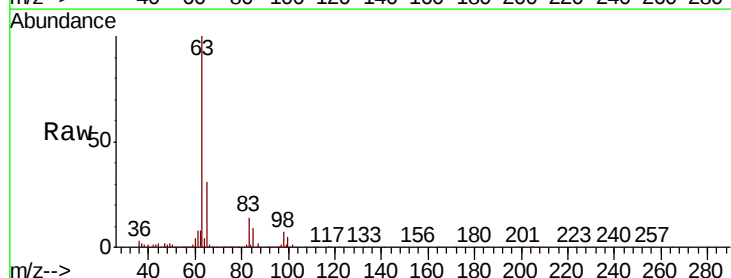
Tgt Ion: 63 Resp: 206456

Ion Ratio Lower Upper

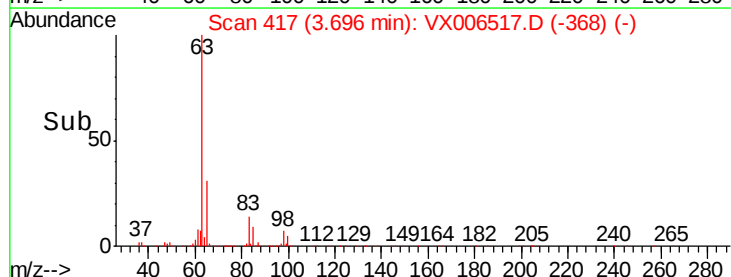
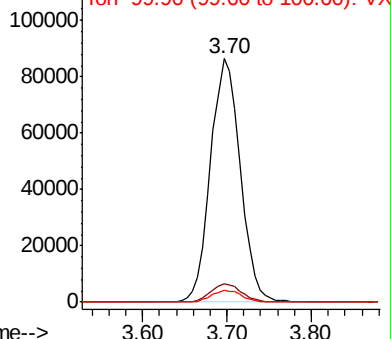
63 100

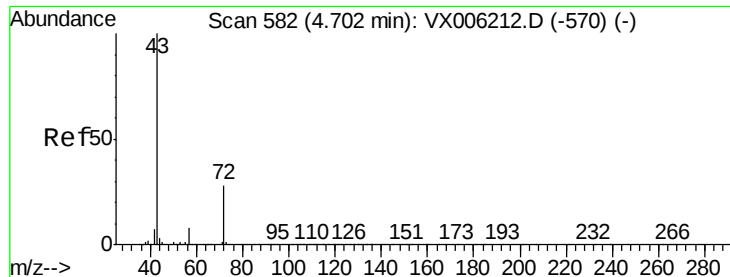
98 7.5 3.8 11.4

100 5.2 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX006517.D (-368) (-)





#25

2-Butanone

Concen: 106.224 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Instrument :

MSVOA_X

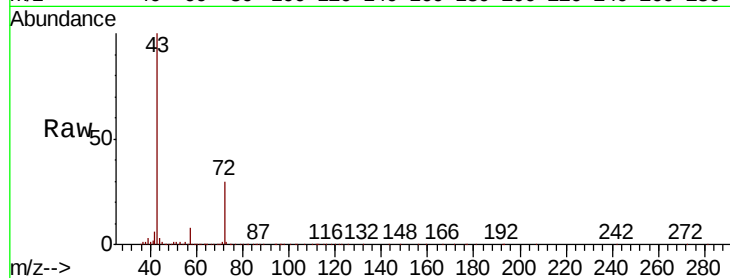
ClientSampleId :

Tot Ion: 43 Resp: 429617

Ion Ratio Lower Upper

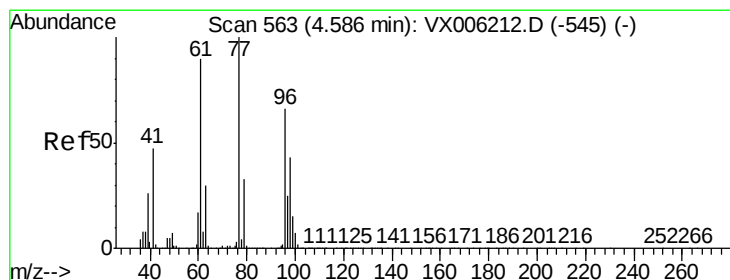
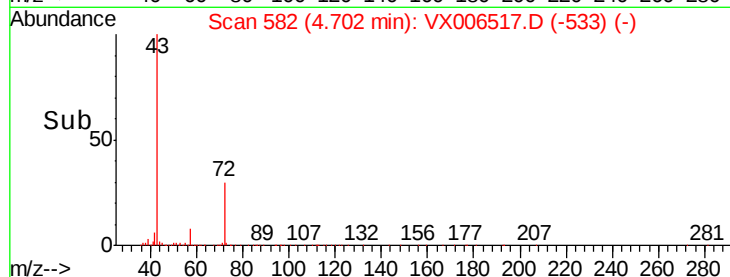
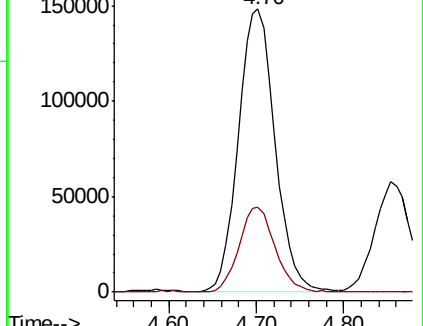
43 100

72 30.0 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.975 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006517.D

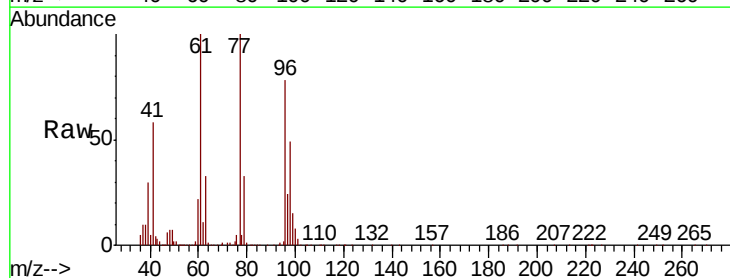
Acq: 14 Dec 2018 14:45

Tgt Ion: 77 Resp: 156632

Ion Ratio Lower Upper

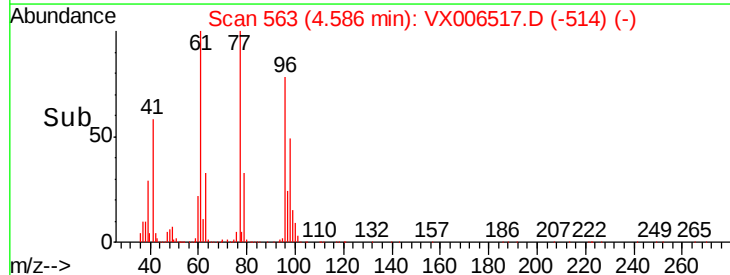
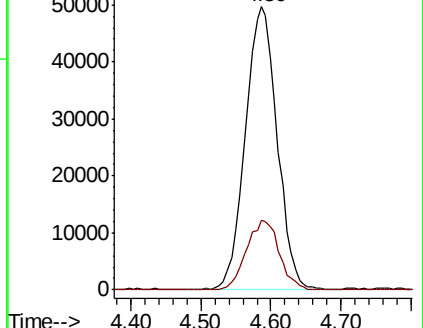
77 100

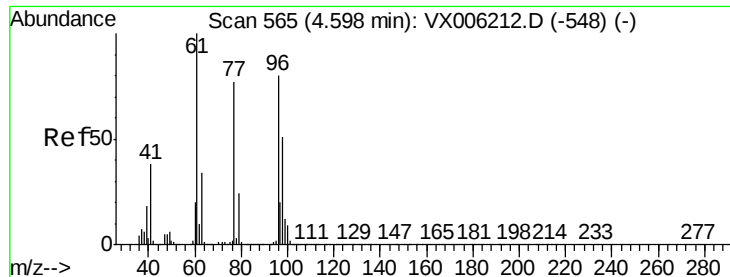
97 25.4 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



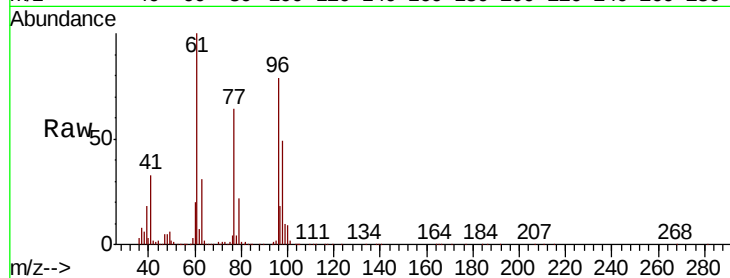


#27

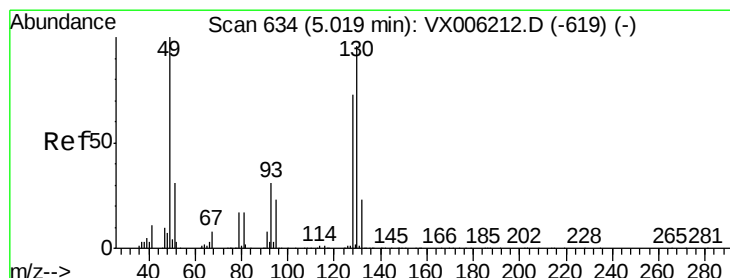
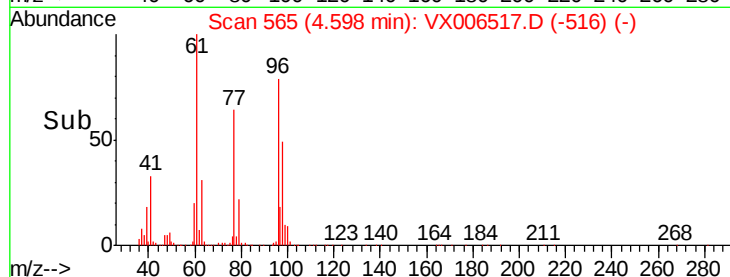
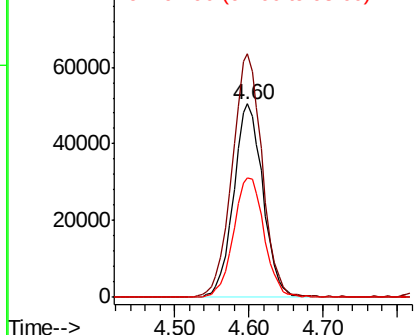
cis-1,2-Dichloroethene
Concen: 21.904 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	265.0
98	64.4	0.0	130.2



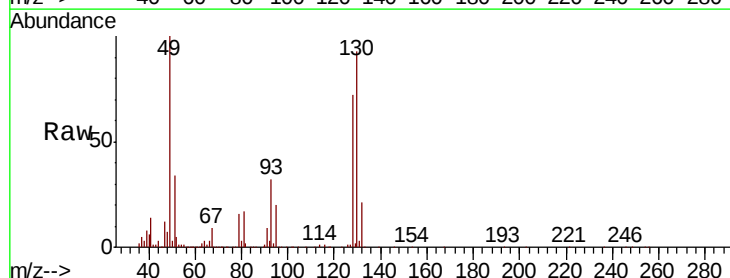
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



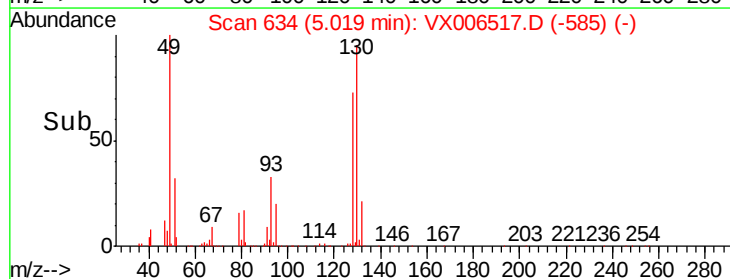
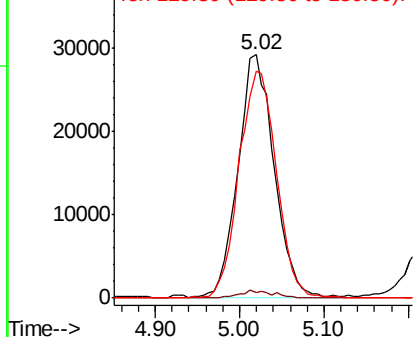
#28

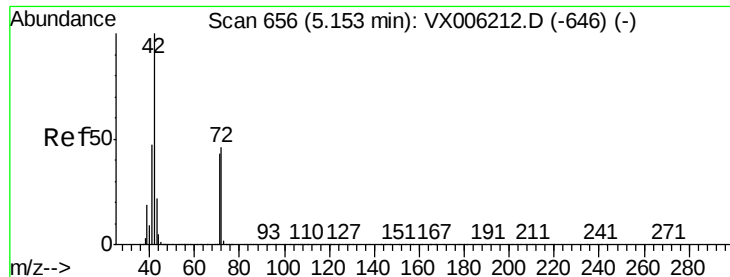
Bromochloromethane
Concen: 20.621 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.0
130	96.7	78.3	117.5



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 102.044 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

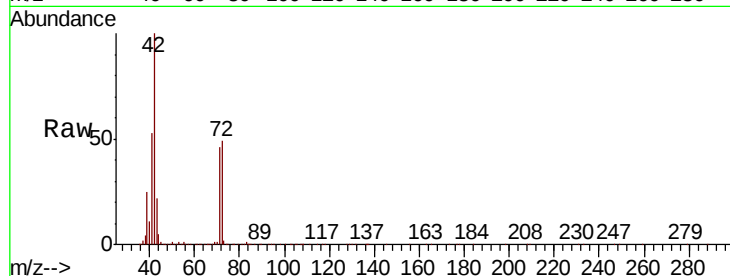
Tot Ion: 42 Resp: 286834

Ion Ratio Lower Upper

42 100

72 50.6 37.8 56.8

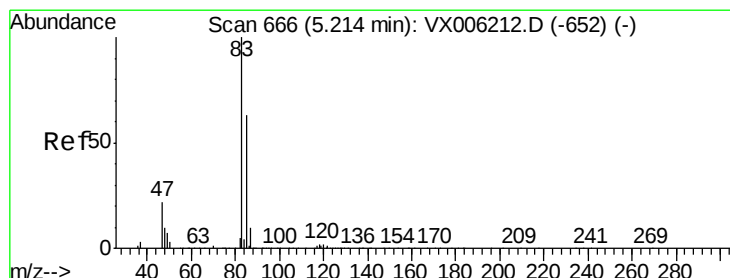
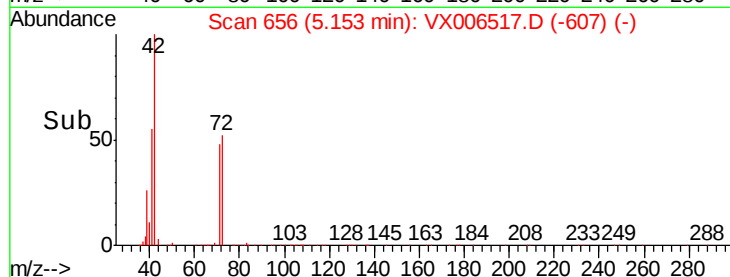
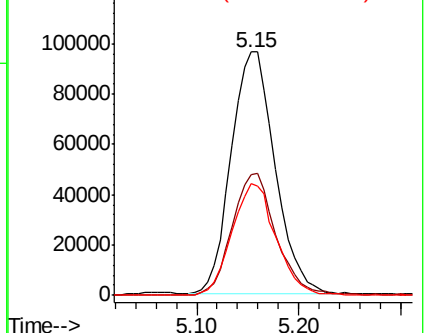
71 46.1 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 22.235 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006517.D

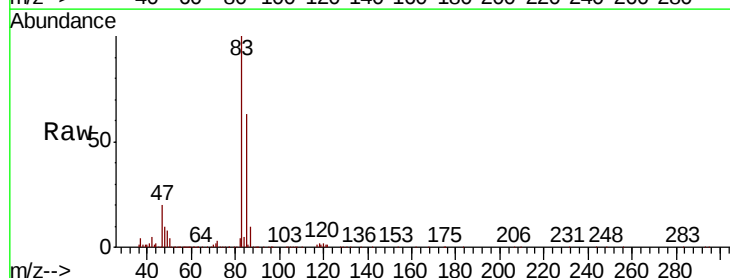
Acq: 14 Dec 2018 14:45

Tgt Ion: 83 Resp: 220624

Ion Ratio Lower Upper

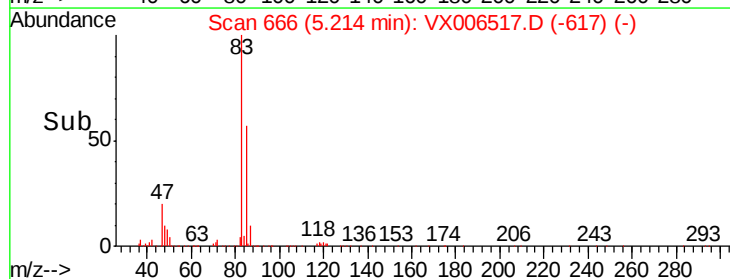
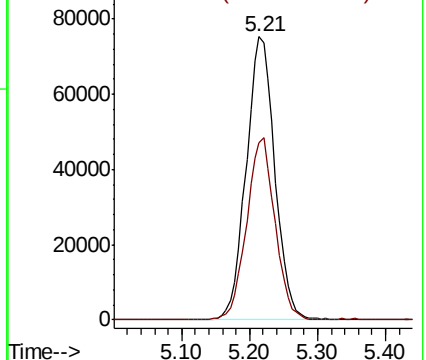
83 100

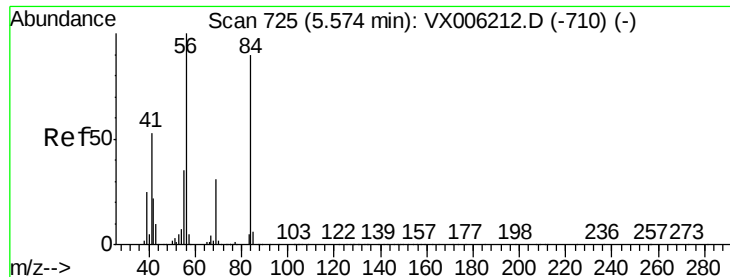
85 62.4 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

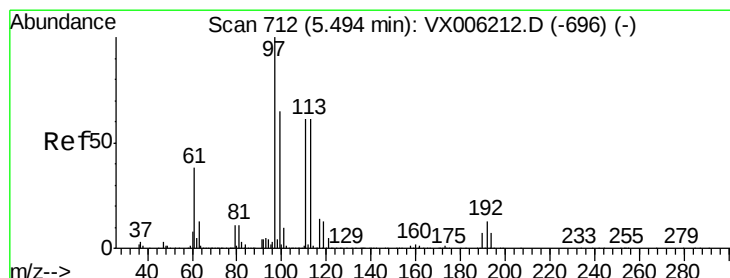
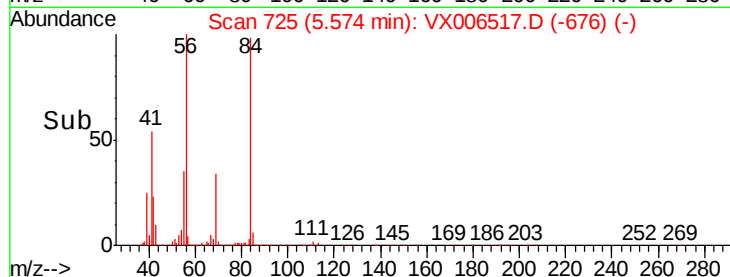
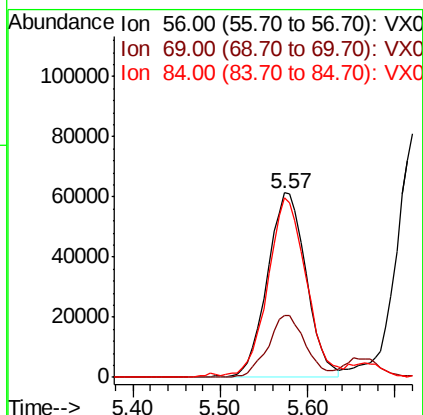
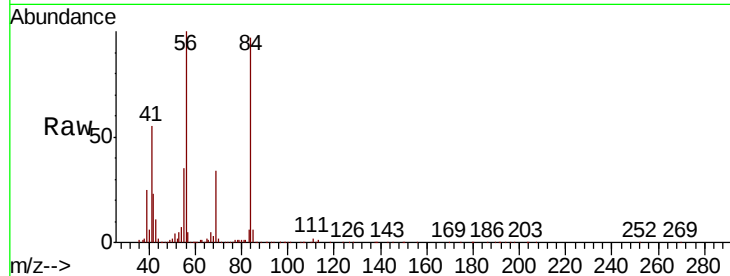




#31
Cyclohexane
Concen: 21.692 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

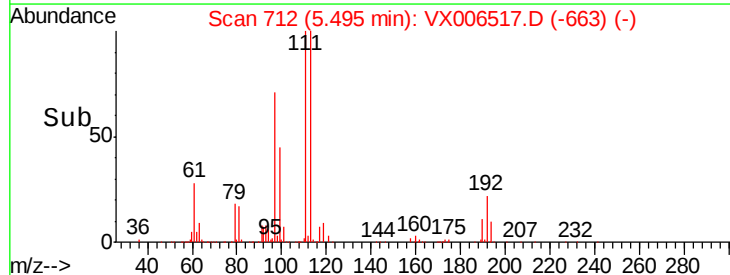
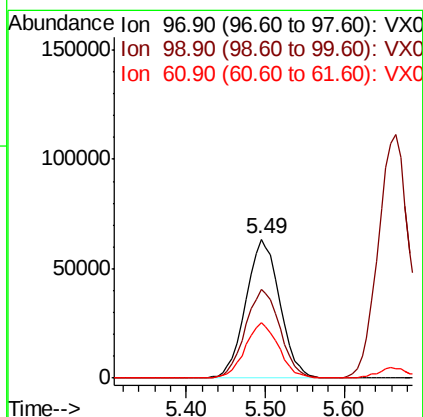
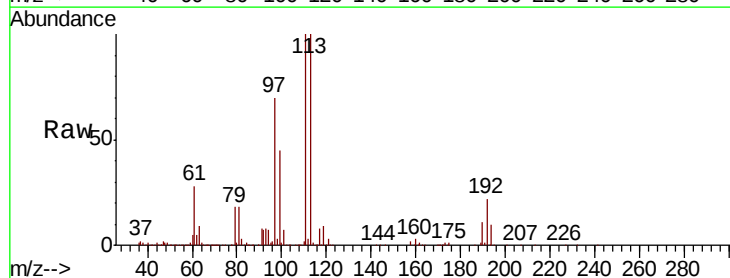
Instrument :
MSVOA_X
ClientSampled :

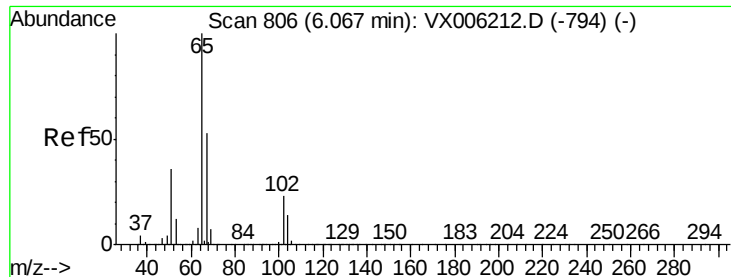
Tot Ion: 56 Resp: 189278
Ion Ratio Lower Upper
56 100
69 33.6 24.5 36.7
84 97.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 20.174 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

Tgt Ion: 97 Resp: 190458
Ion Ratio Lower Upper
97 100
99 64.6 51.6 77.4
61 39.2 30.6 46.0

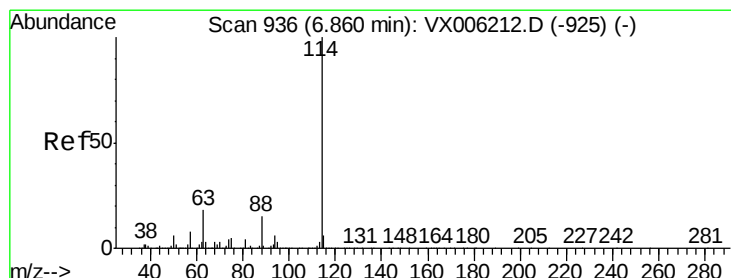
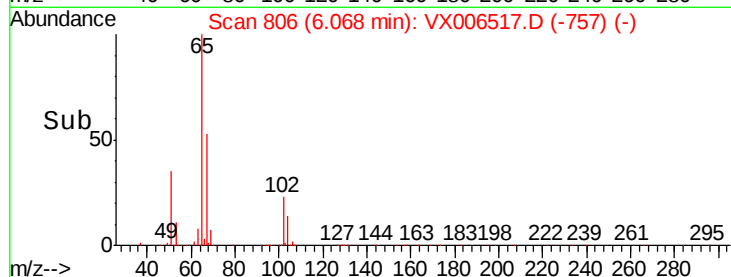
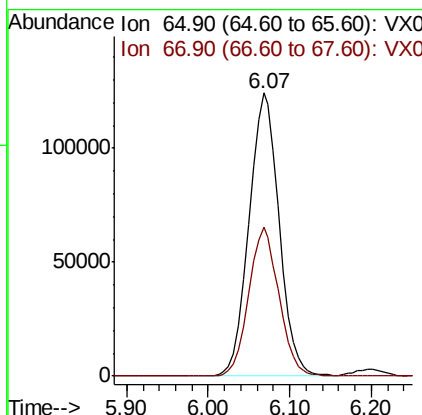
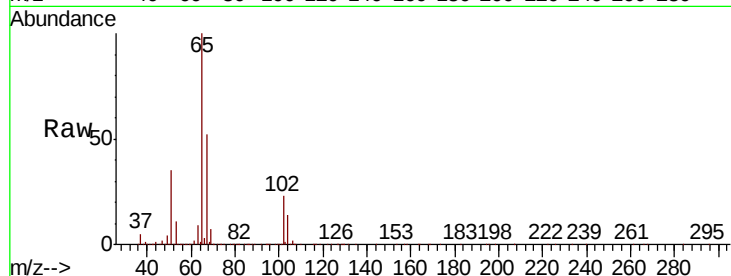




#33
 1,2-Dichloroethane-d4
 Concen: 53.079 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006517.D
 Acq: 14 Dec 2018 14:45

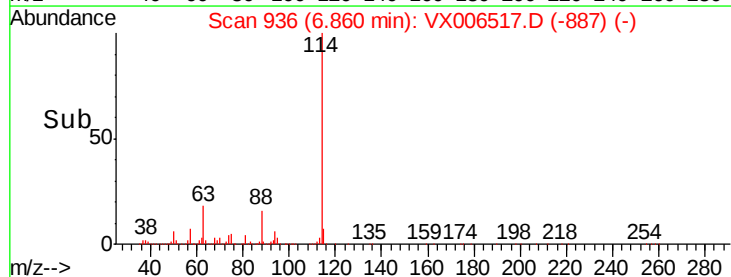
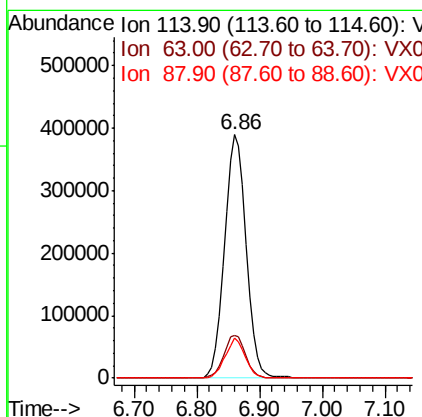
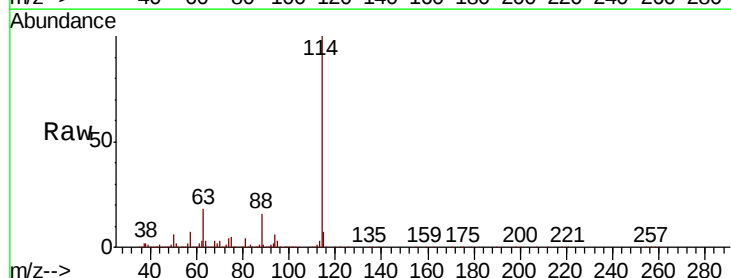
Instrument :
 MSVOA_X
 ClientSampled :

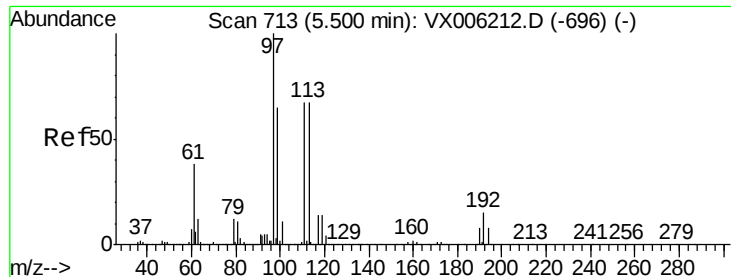
Tot Ion: 65 Resp: 320594
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006517.D
 Acq: 14 Dec 2018 14:45

Tgt Ion: 114 Resp: 929164
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.6
 88 16.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.309 ug/l

RT: 5.51 min Scan# 714

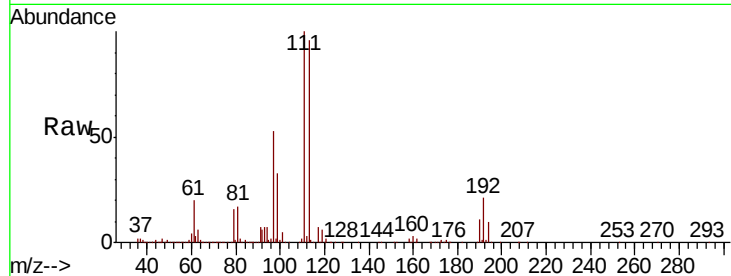
Delta R.T. 0.01 min

Lab File: VX006517.D

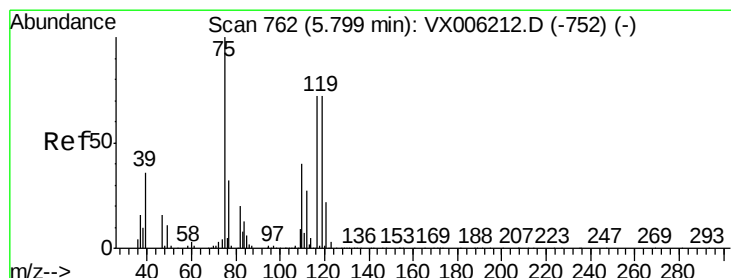
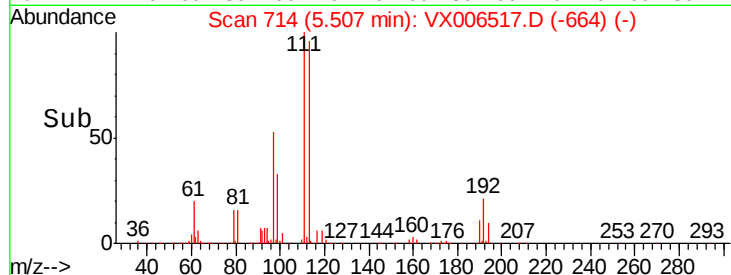
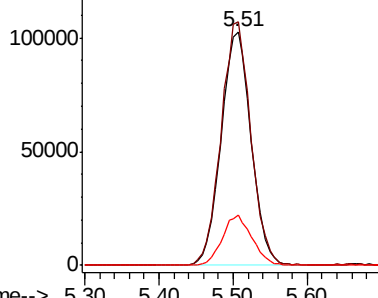
Acq: 14 Dec 2018 14:45

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	113	Resp:	290624
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.1	121.7
192	21.4	18.2	27.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.346 ug/l

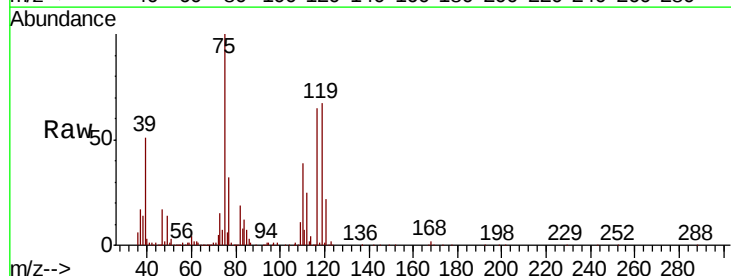
RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

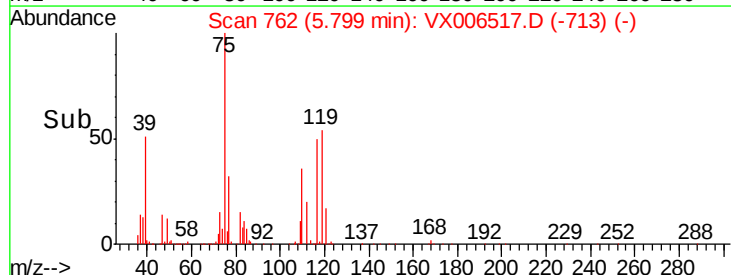
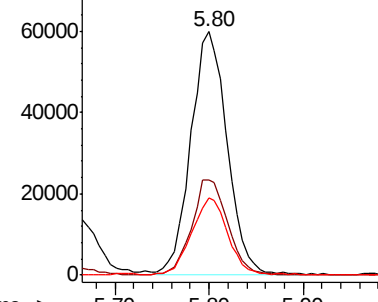
Lab File: VX006517.D

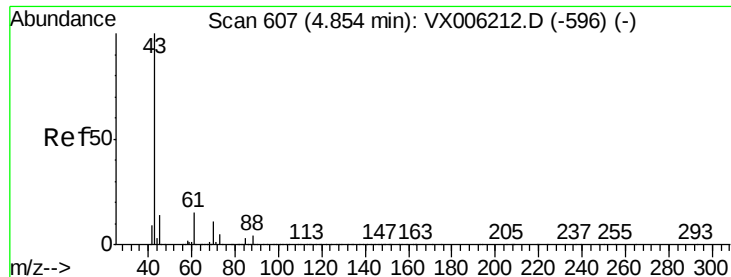
Acq: 14 Dec 2018 14:45

Tgt Ion:	75	Resp:	159201
Ion	Ratio	Lower	Upper
75	100		
110	39.2	20.4	61.3
77	31.4	24.9	37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

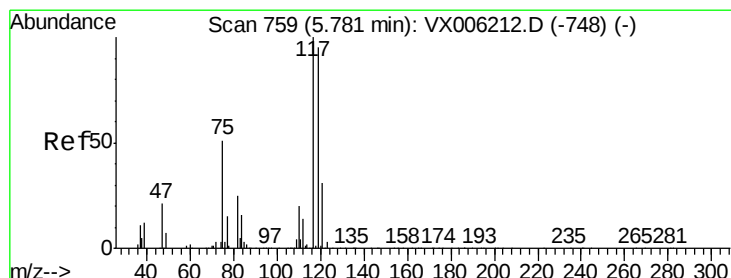
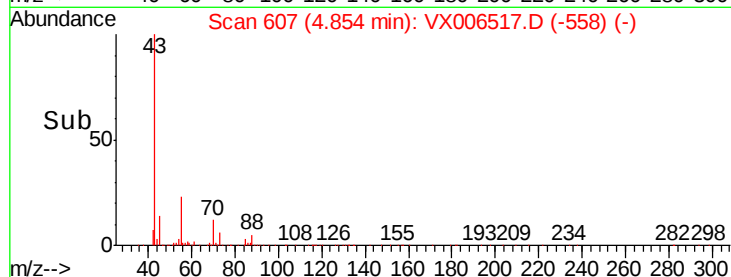
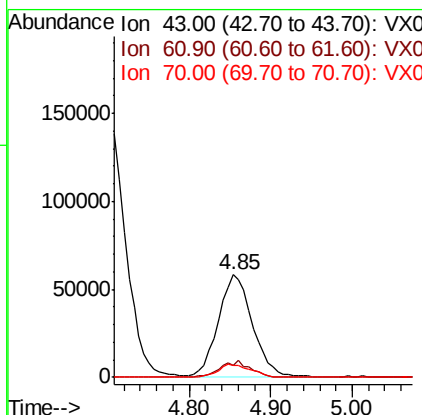
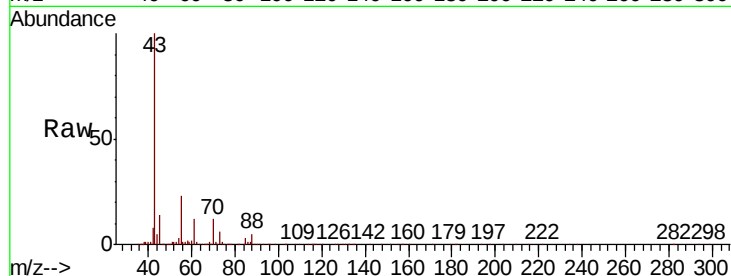




#37
Ethyl Acetate
Concen: 19.041 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

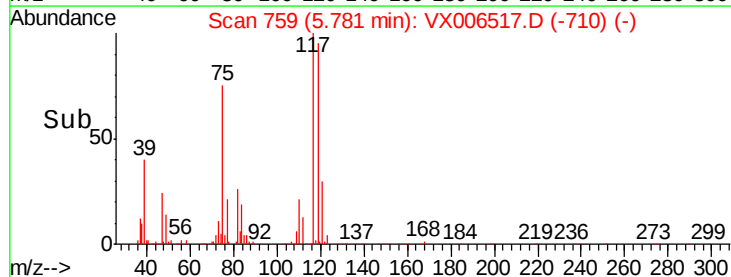
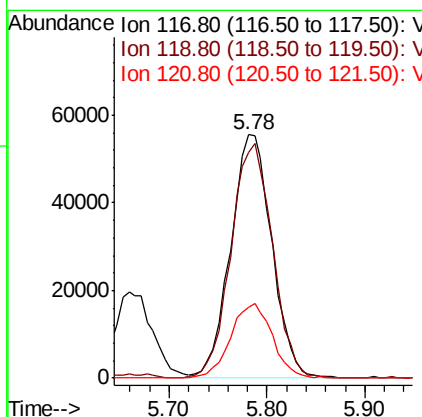
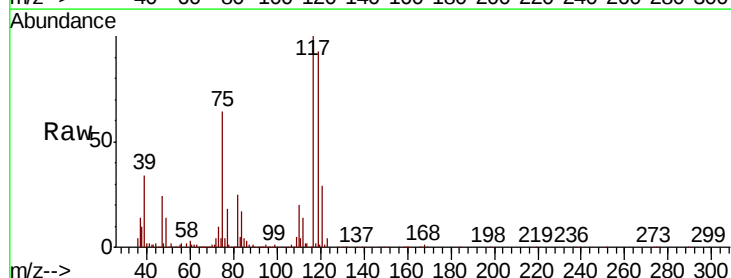
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 166844
Ion Ratio Lower Upper
43 100
61 14.2 11.5 17.3
70 13.0 9.0 13.6



#38
Carbon Tetrachloride
Concen: 17.624 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

Tgt Ion: 117 Resp: 162230
Ion Ratio Lower Upper
117 100
119 92.5 75.8 113.8
121 29.2 24.6 37.0

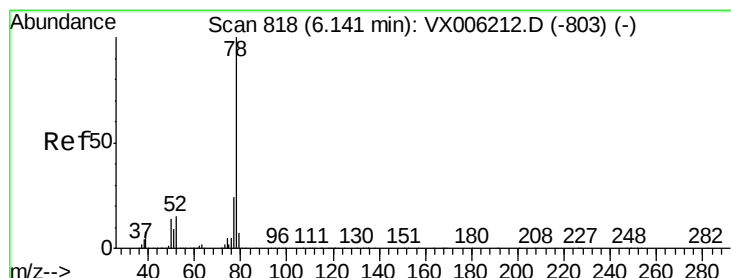
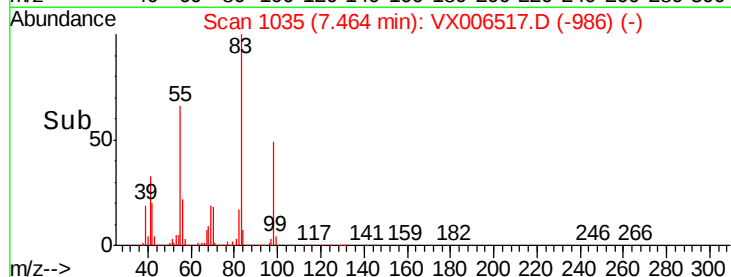
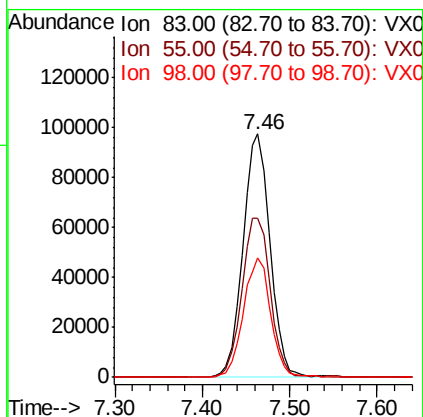
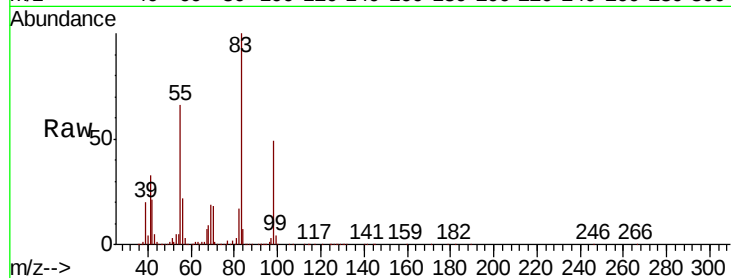




#39
Methvlcvclohexane
Concen: 20.674 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

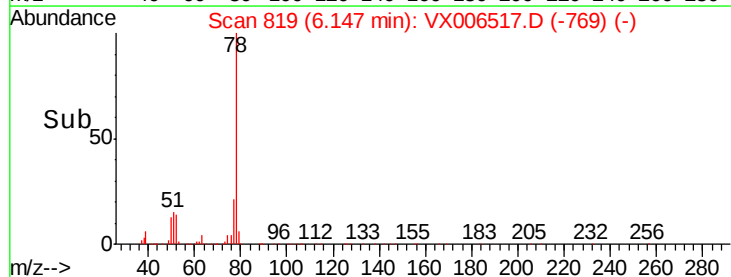
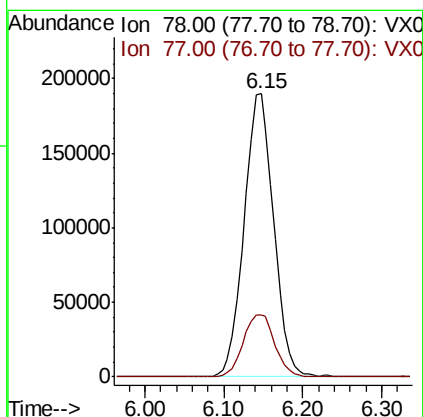
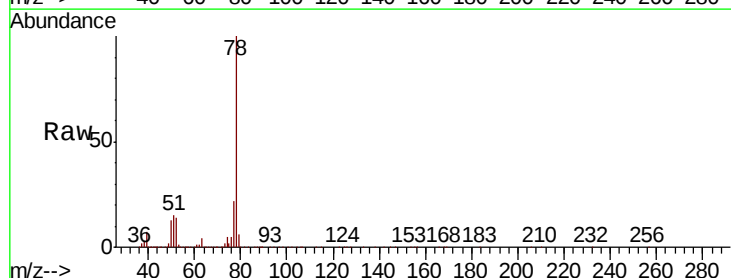
Instrument :
MSVOA_X
ClientSampleId :

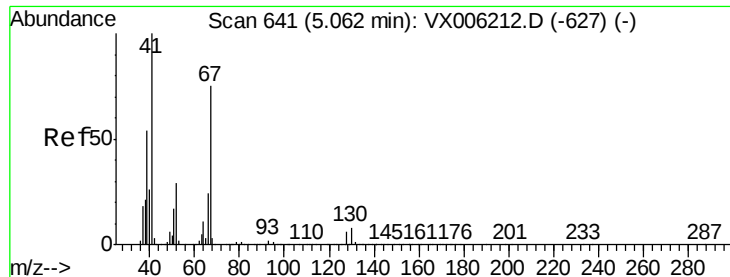
Tot Ion: 83 Resp: 209976
Ion Ratio Lower Upper
83 100
55 65.4 56.4 84.6
98 49.1 39.0 58.6



#40
Benzene
Concen: 21.153 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

Tgt Ion: 78 Resp: 495727
Ion Ratio Lower Upper
78 100
77 21.9 19.2 28.8





#41

Methacrylonitrile

Concen: 19.162 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 92392

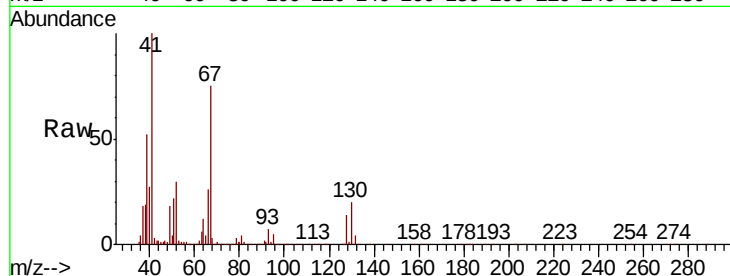
Ion Ratio Lower Upper

41 100

39 54.9 44.0 66.0

67 80.3 61.4 92.0

52 29.4 23.5 35.3

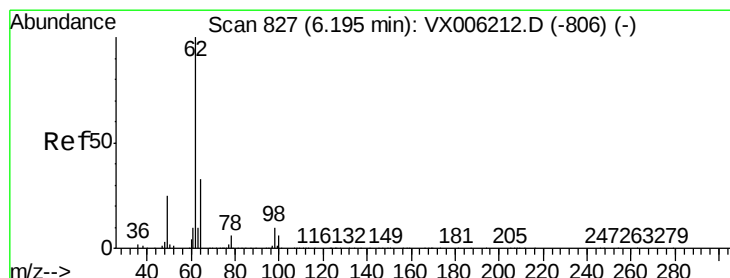
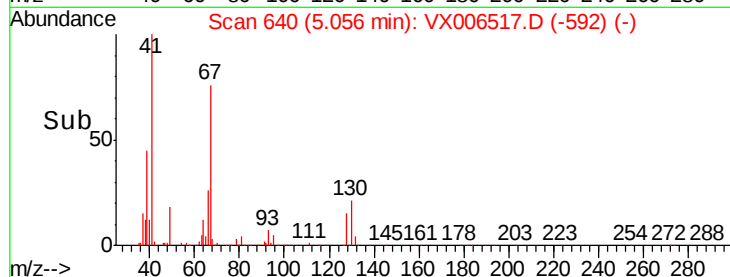
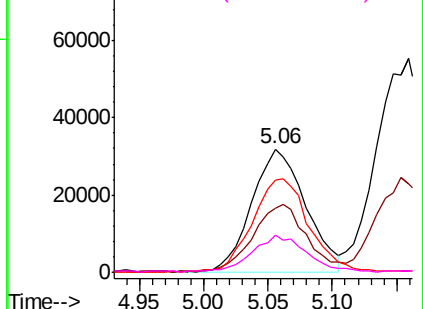


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 21.683 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006517.D

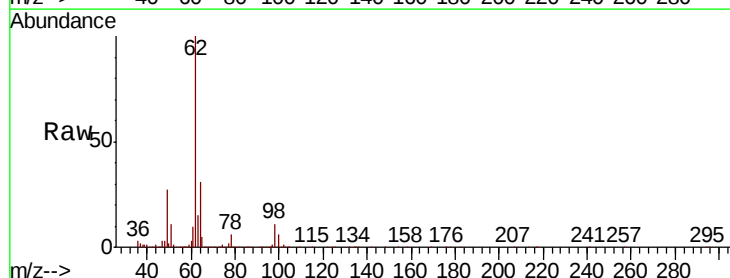
Acq: 14 Dec 2018 14:45

Tgt Ion: 62 Resp: 166308

Ion Ratio Lower Upper

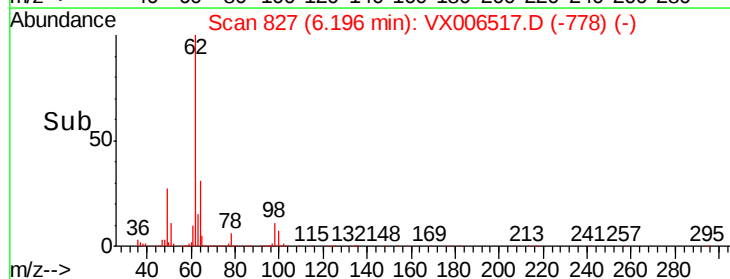
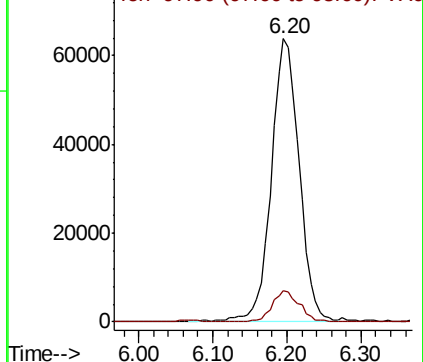
62 100

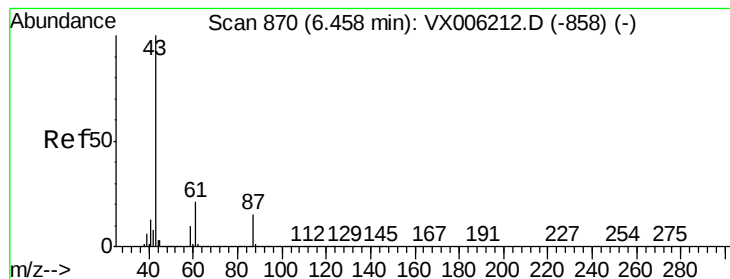
98 10.7 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



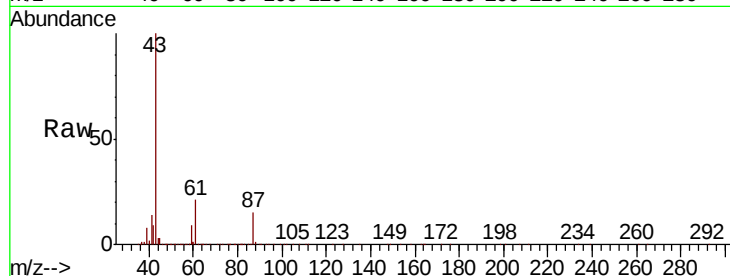


#43

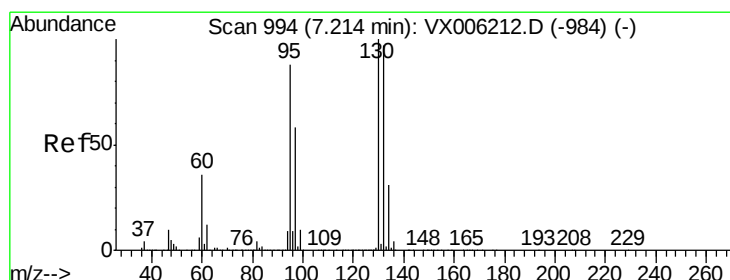
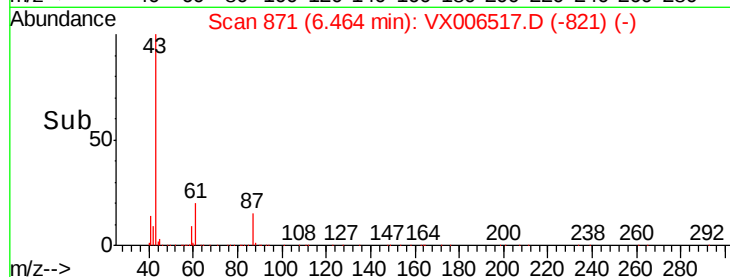
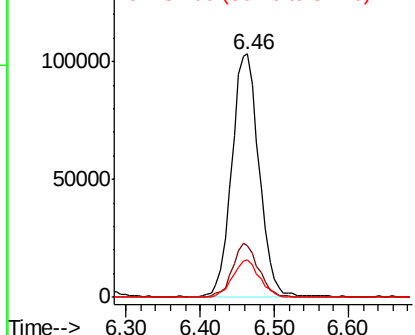
Isopropyl Acetate
 Concen: 18.083 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX006517.D
 Acq: 14 Dec 2018 14:45

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	43	Resp	264186
Ion Ratio	Lower	Upper	
43	100		
61	21.6	16.8	25.2
87	15.4	11.9	17.9



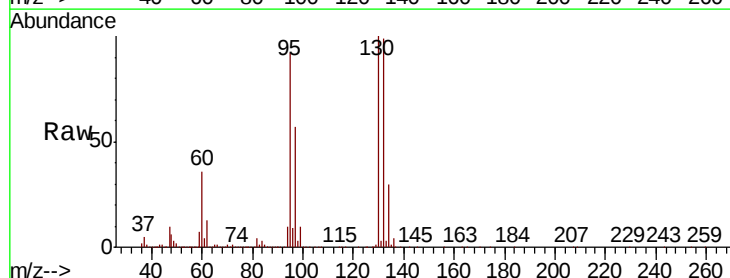
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



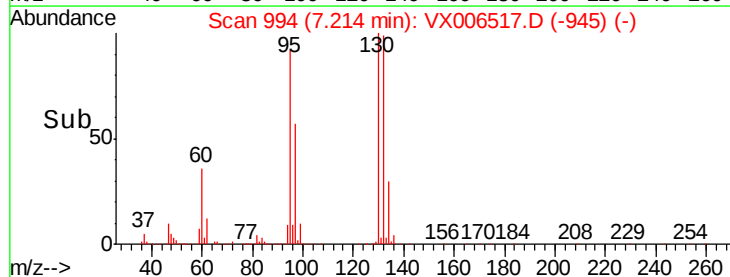
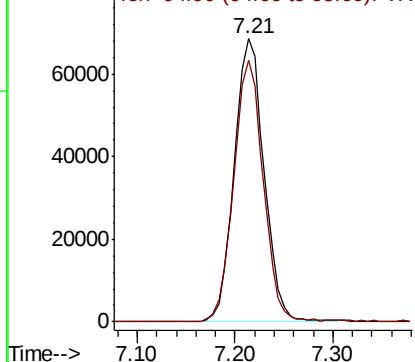
#44

Trichloroethene
 Concen: 20.491 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006517.D
 Acq: 14 Dec 2018 14:45

Tgt Ion	130	Resp	145475
Ion Ratio	Lower	Upper	
130	100		
95	92.2	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: 20.205 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

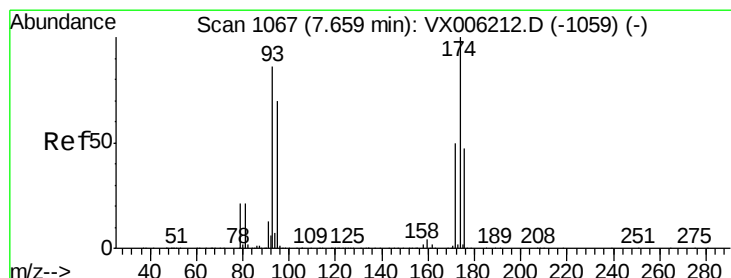
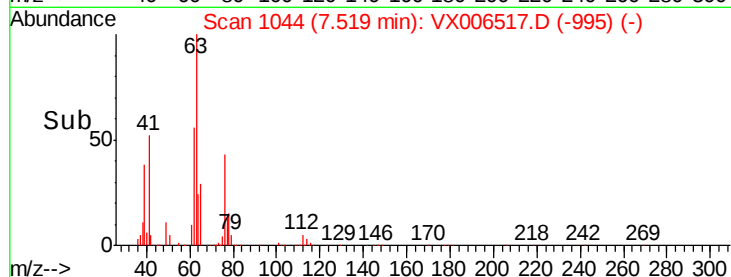
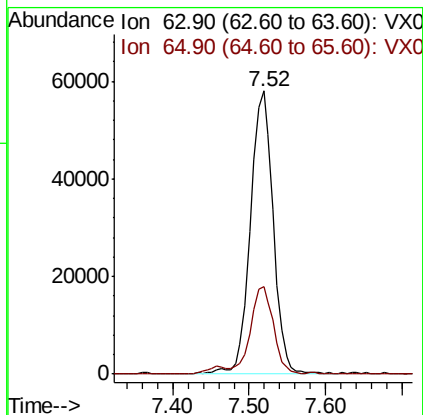
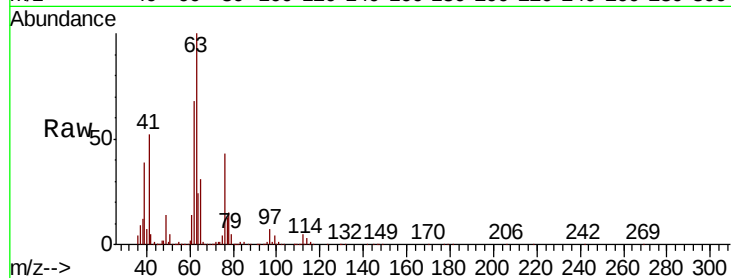
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 120341

Ion Ratio Lower Upper

63 100

65 31.0 24.3 36.5



#46

Dibromomethane

Concen: 20.056 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

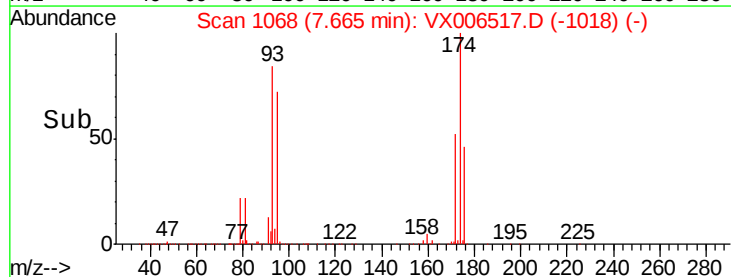
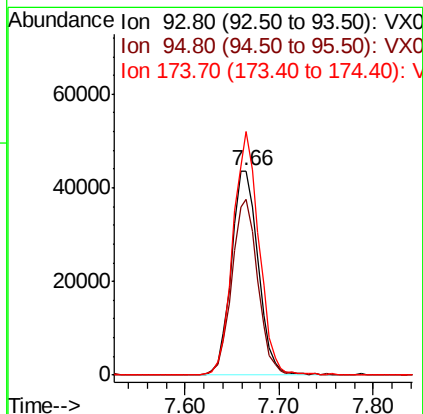
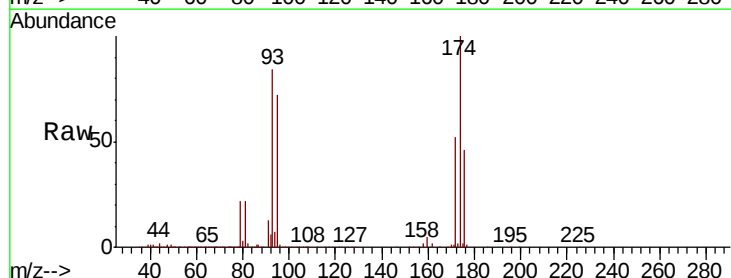
Tgt Ion: 93 Resp: 86271

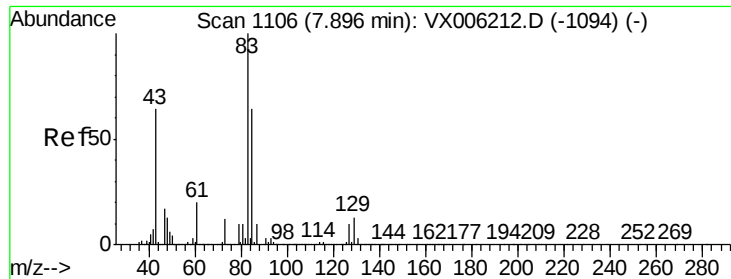
Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 114.8 97.2 145.8





#47

Bromodichloromethane

Concen: 17.945 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Instrument :

MSVOA_X

ClientSampled :

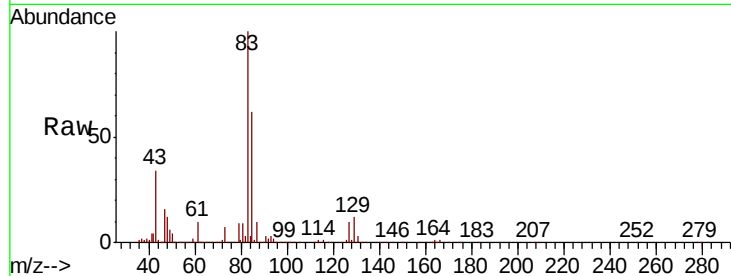
Tot Ion: 83 Resp: 149484

Ion Ratio Lower Upper

83 100

85 61.7 51.4 77.0

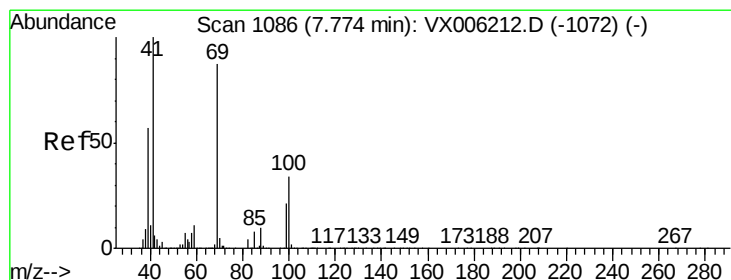
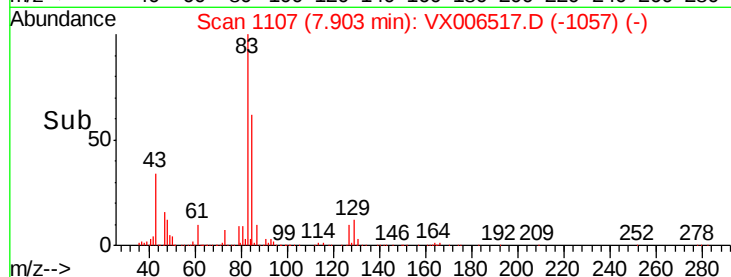
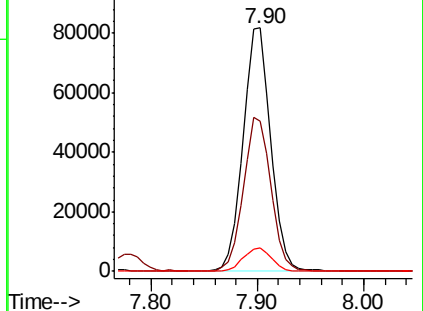
127 9.8 7.9 11.9



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: 18.627 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

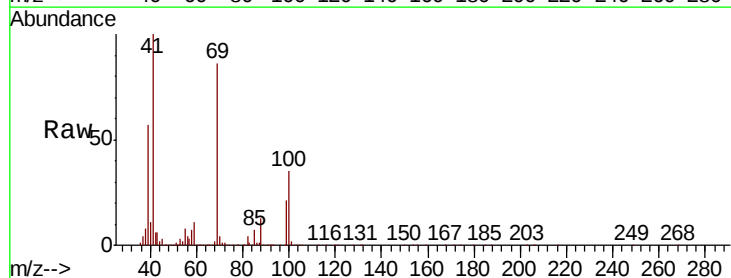
Tgt Ion: 41 Resp: 132391

Ion Ratio Lower Upper

41 100

69 93.1 70.3 105.5

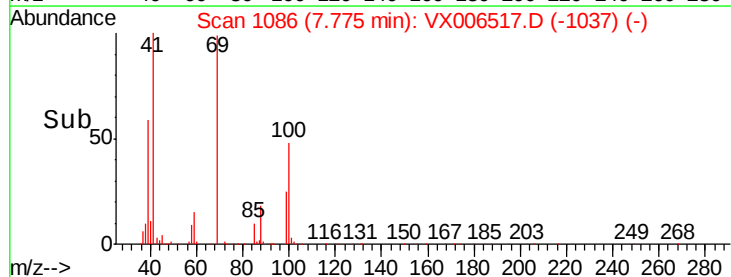
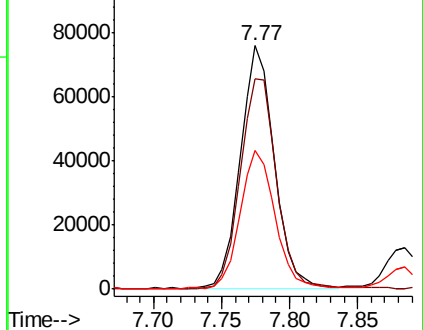
39 58.6 45.3 67.9

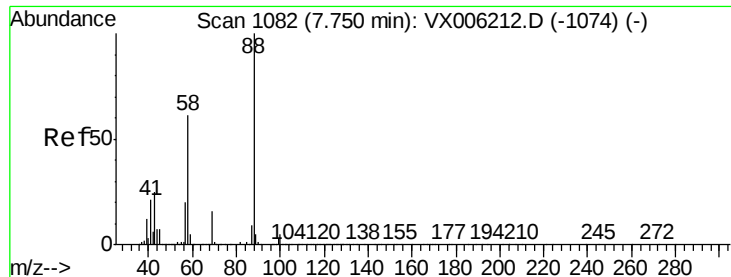


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

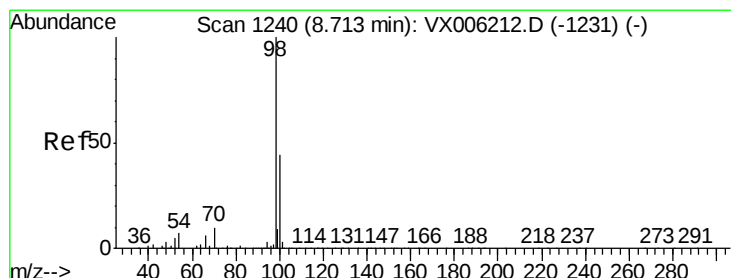
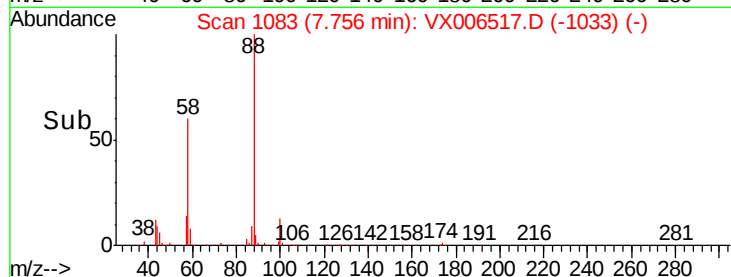
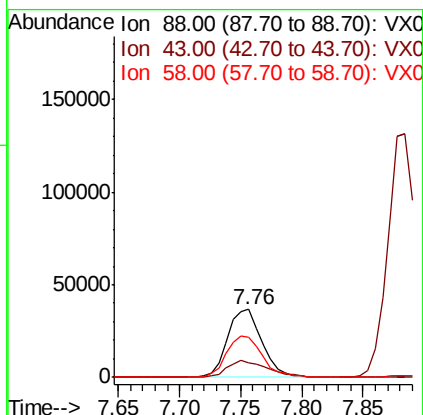
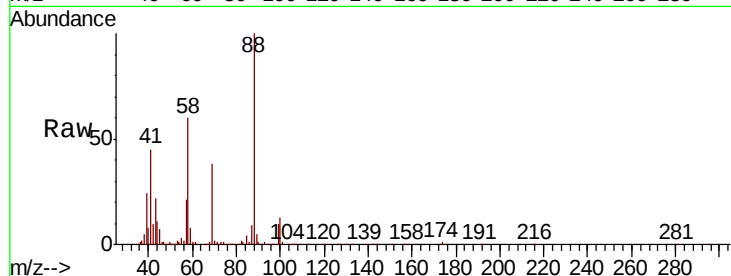




#49
1,4-Dioxane
Concen: 409.171 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

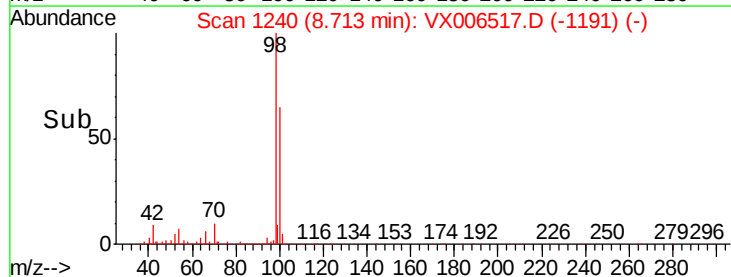
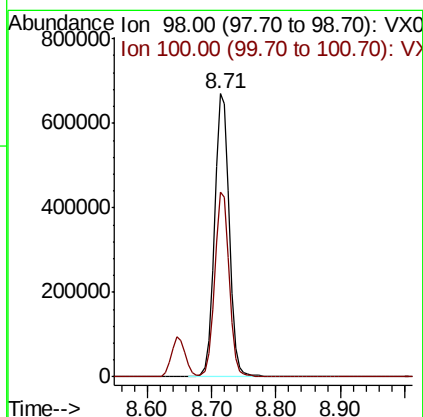
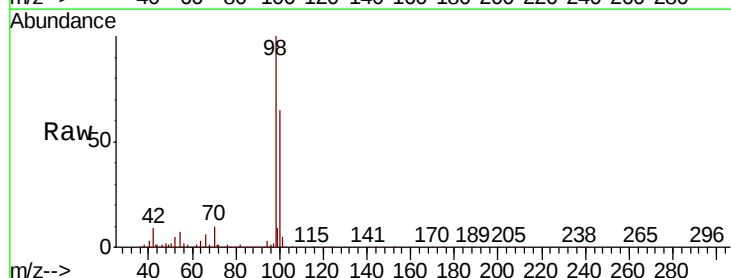
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.2	23.2	34.8
58	62.8	51.4	77.0



#50
Toluene-d8
Concen: 49.362 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 98.800 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Instrument :

MSVOA_X

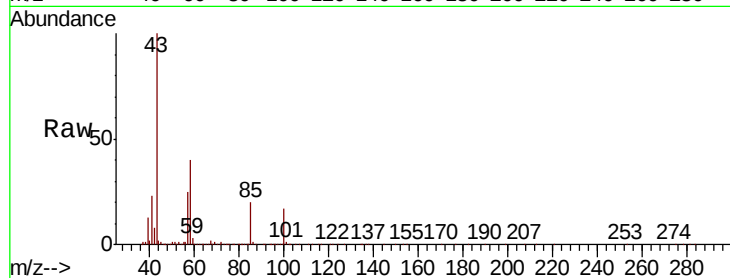
ClientSampled :

Tot Ion: 43 Resp: 840282

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

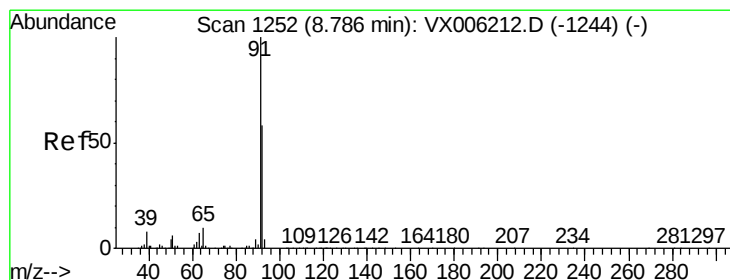
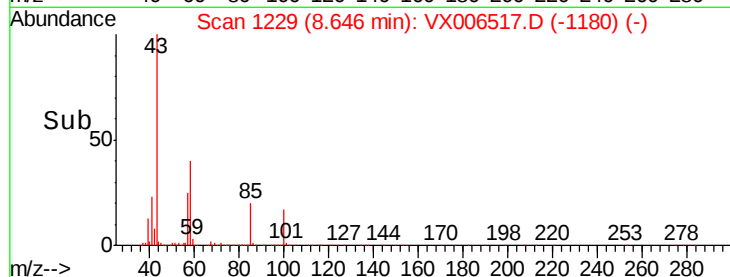
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 21.273 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006517.D

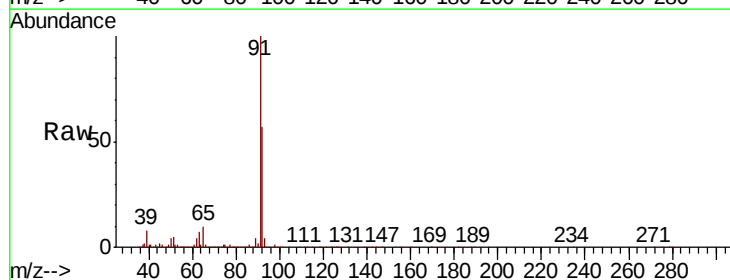
Acq: 14 Dec 2018 14:45

Tgt Ion: 92 Resp: 327990

Ion Ratio Lower Upper

92 100

91 171.3 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

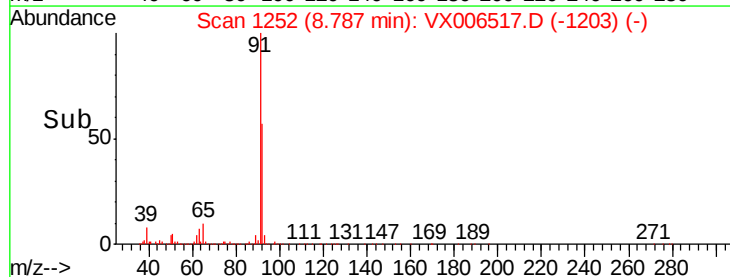
300000

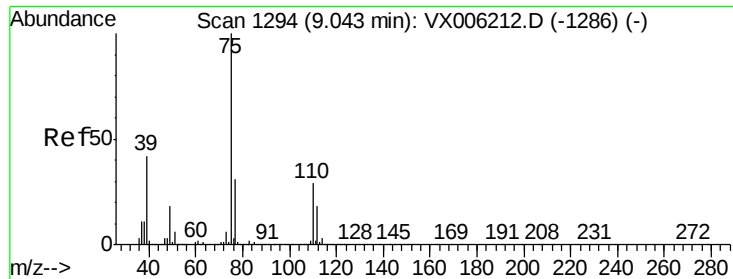
200000

100000

0

Time-->

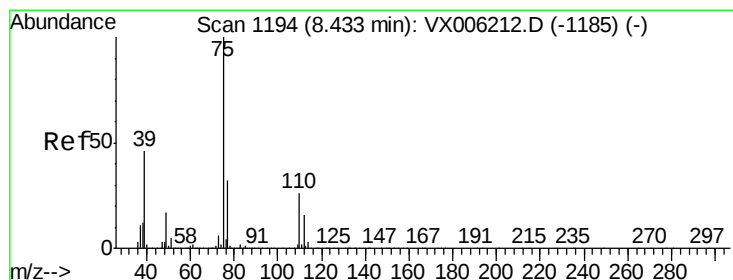
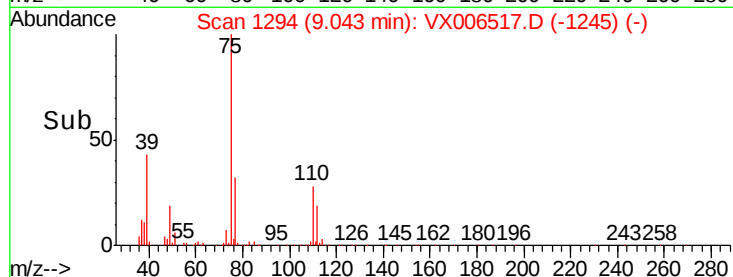
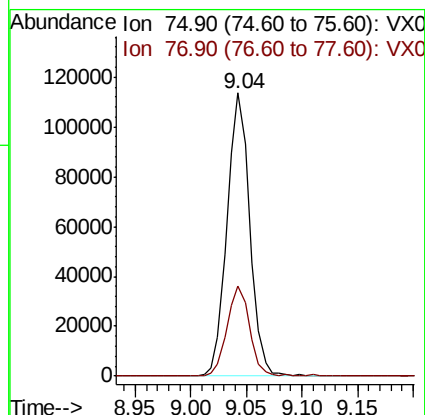
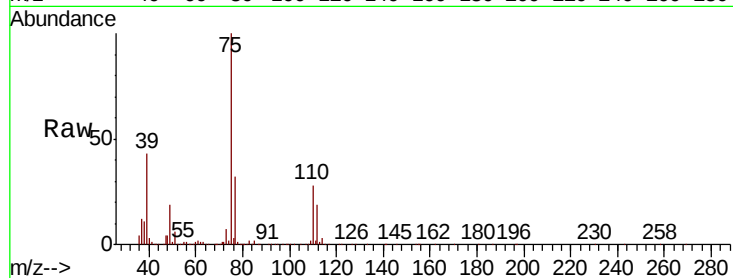




#53
 t-1,3-Dichloropropene
 Concen: 16.488 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX006517.D
 Acq: 14 Dec 2018 14:45

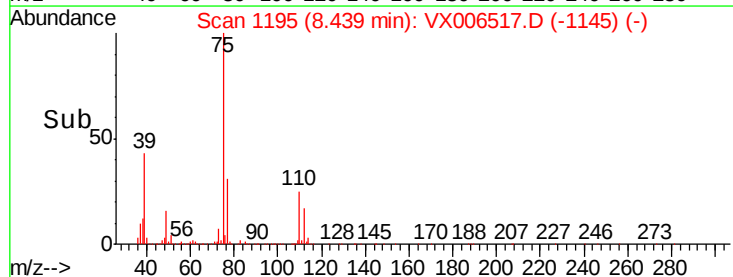
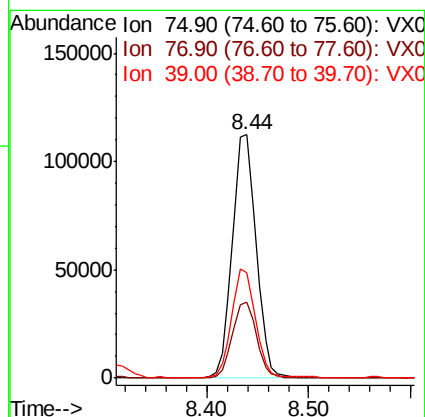
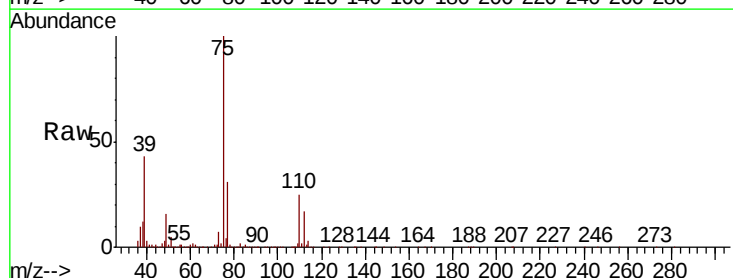
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 160627
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 17.968 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX006517.D
 Acq: 14 Dec 2018 14:45

Tgt Ion: 75 Resp: 181762
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.6 38.4
 39 43.2 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 22.011 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 137866

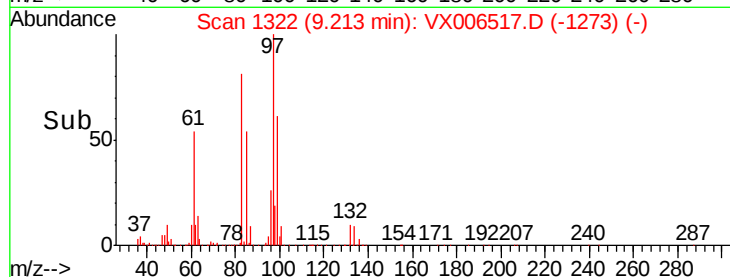
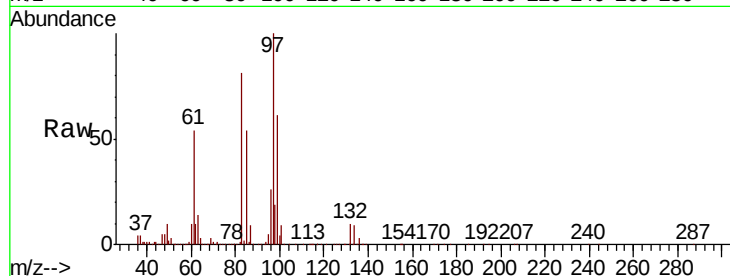
Ion	Ratio	Lower	Upper
97	100		
83	80.9	67.1	100.7
85	54.4	43.2	64.8
99	61.4	49.8	74.6

97 100

83 80.9 67.1 100.7

85 54.4 43.2 64.8

99 61.4 49.8 74.6

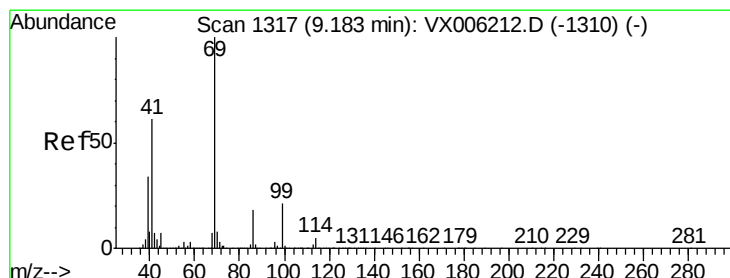
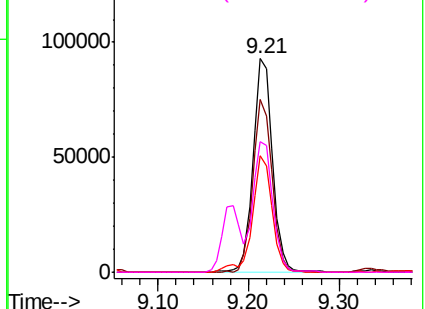


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.714 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

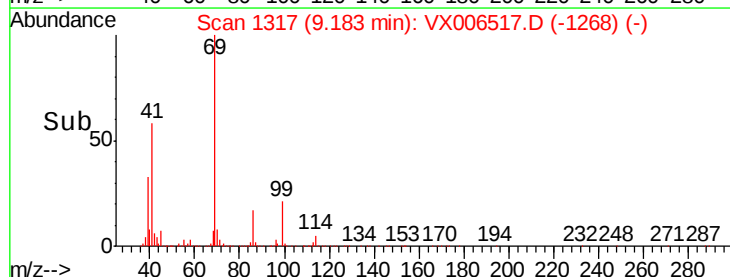
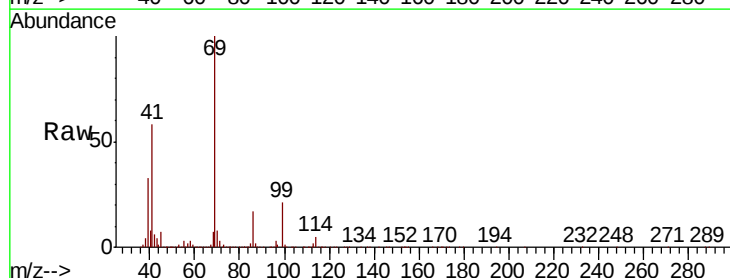
Tgt Ion: 69 Resp: 193038

Ion	Ratio	Lower	Upper
69	100		
41	60.4	50.6	76.0
39	33.5	27.6	41.4

69 100

41 60.4 50.6 76.0

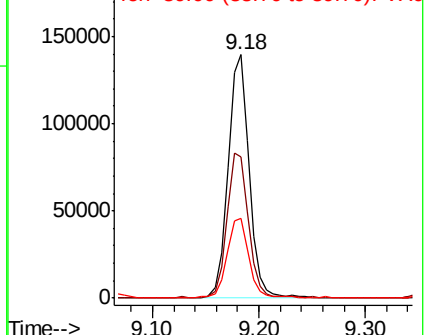
39 33.5 27.6 41.4

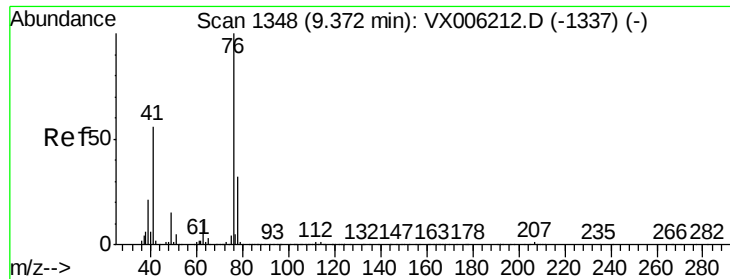


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

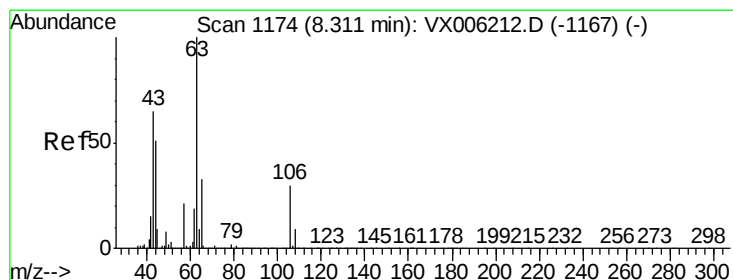
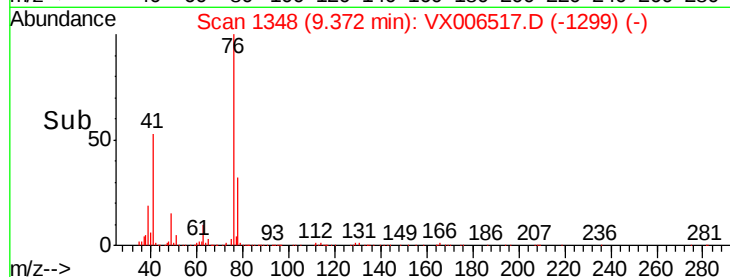
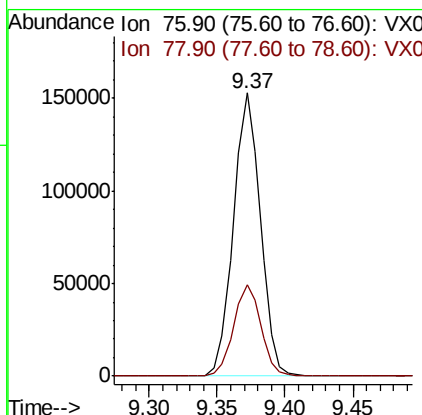
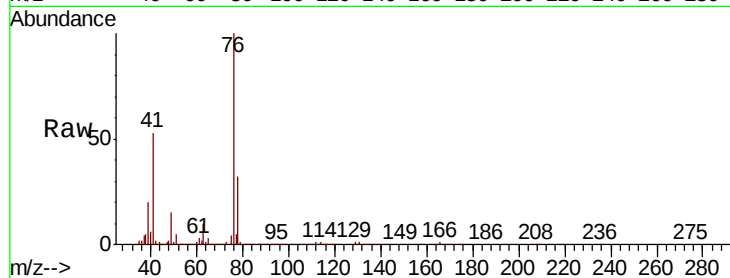




#57
 1,3-Dichloropropane
 Concen: 21.287 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006517.D
 Acq: 14 Dec 2018 14:45

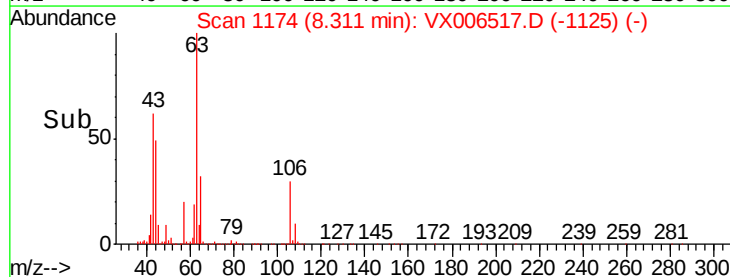
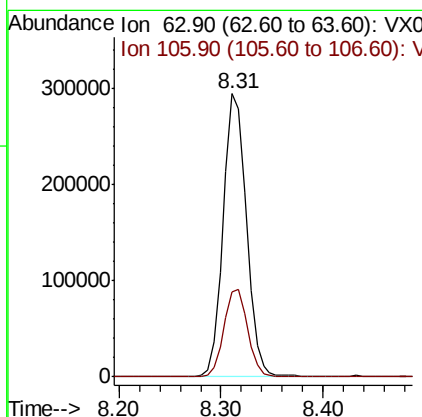
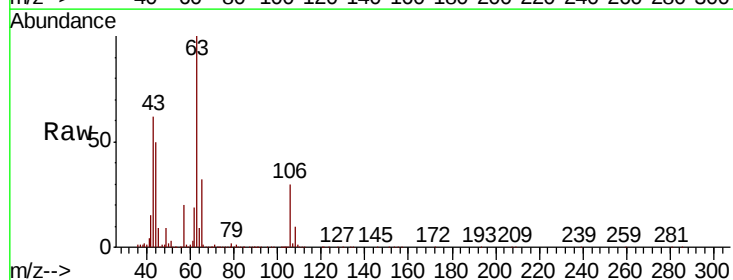
Instrument :
 MSVOA_X
 ClientSampleId :

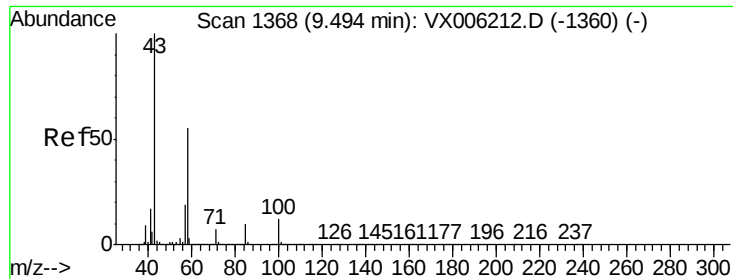
Tot Ion: 76 Resp: 210842
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.777 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006517.D
 Acq: 14 Dec 2018 14:45

Tgt Ion: 63 Resp: 465977
 Ion Ratio Lower Upper
 63 100
 106 31.6 24.9 37.3

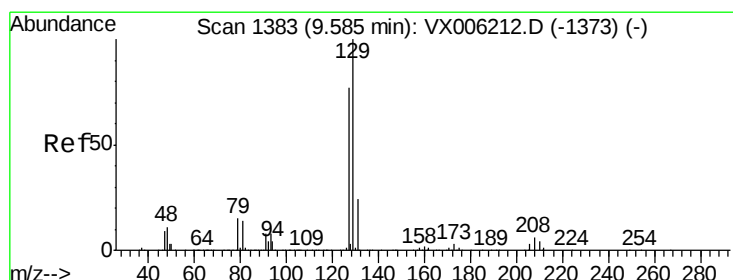
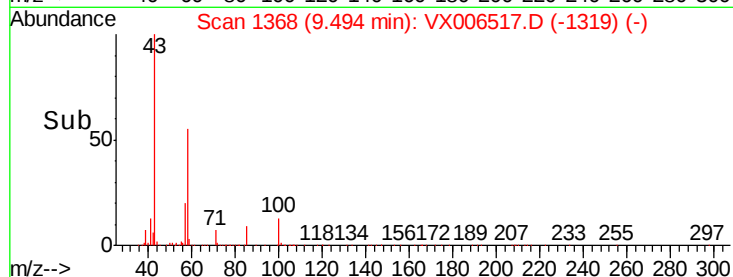
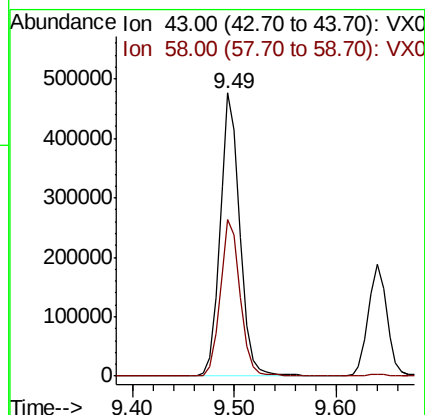
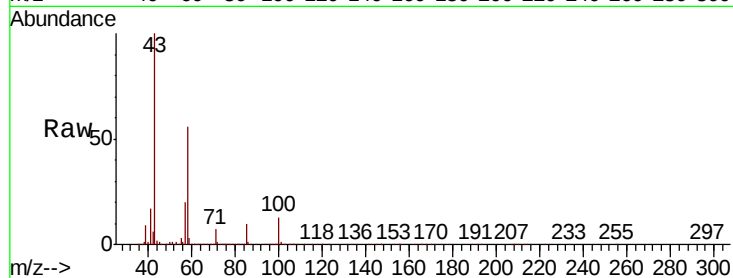




#59
2-Hexanone
Concen: 99.156 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

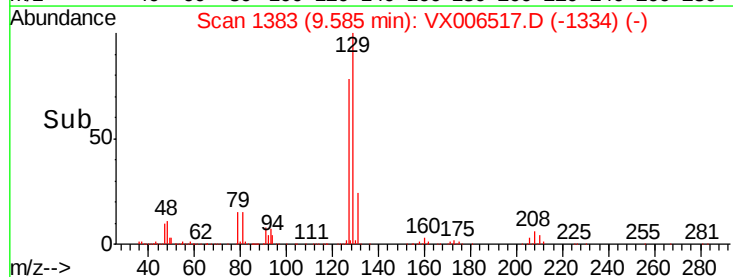
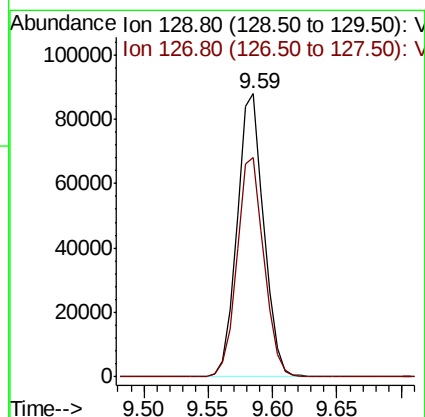
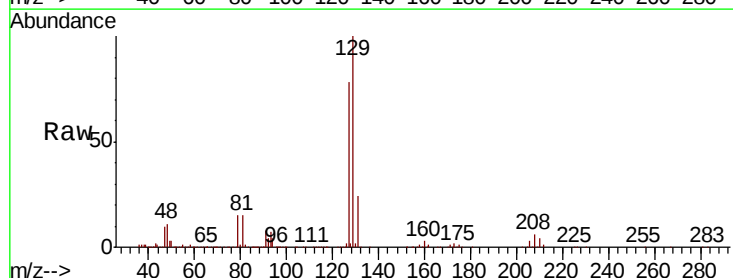
Instrument :
MSVOA_X
ClientSampled :

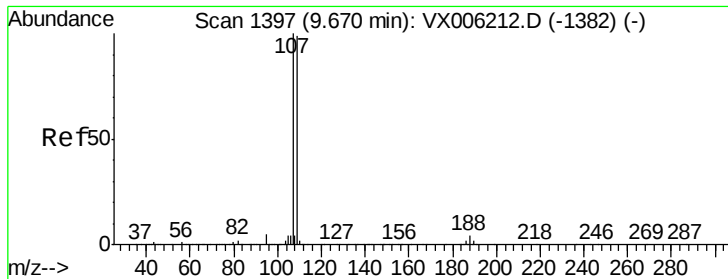
Tot Ion: 43 Resp: 644286
Ion Ratio Lower Upper
43 100
58 55.8 27.7 83.1



#60
Dibromochloromethane
Concen: 16.336 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

Tgt Ion:129 Resp: 126174
Ion Ratio Lower Upper
129 100
127 78.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.534 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Instrument :

MSVOA_X

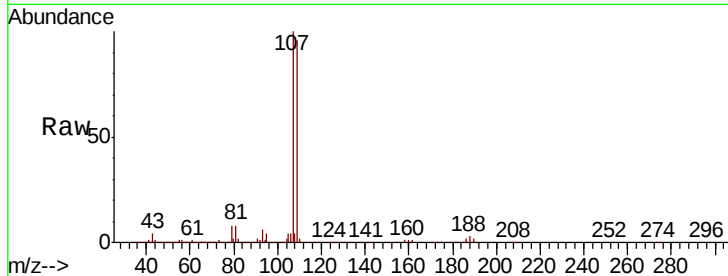
ClientSampled :

Tot Ion:107 Resp: 143811

Ion Ratio Lower Upper

107 100

109 93.8 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

60000

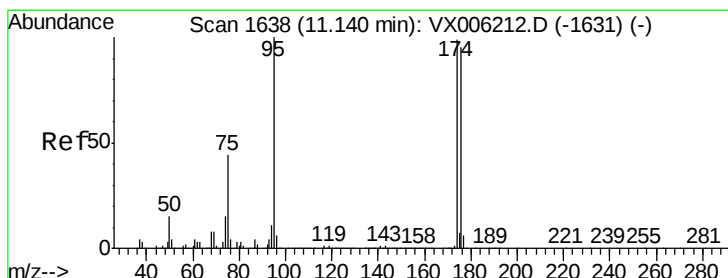
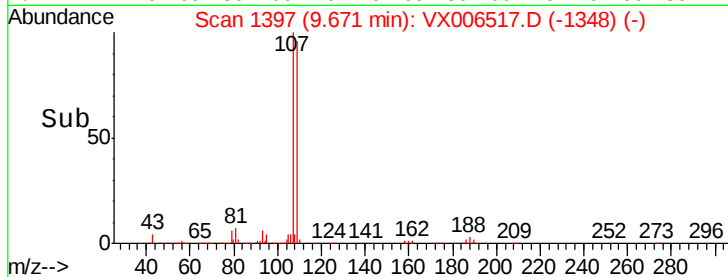
40000

20000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 49.670 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

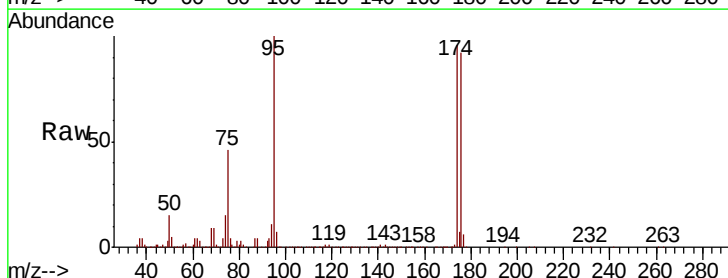
Tgt Ion: 95 Resp: 409577

Ion Ratio Lower Upper

95 100

174 90.4 0.0 187.0

176 87.0 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

300000

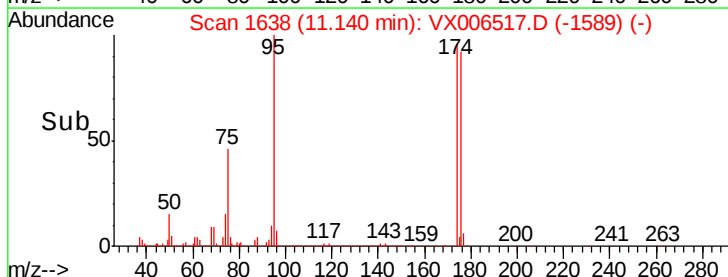
200000

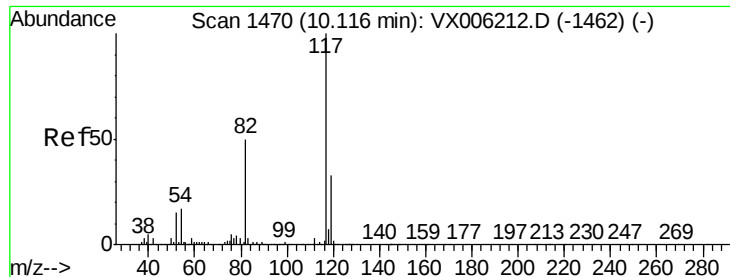
100000

0

Time-->

11.10 11.20

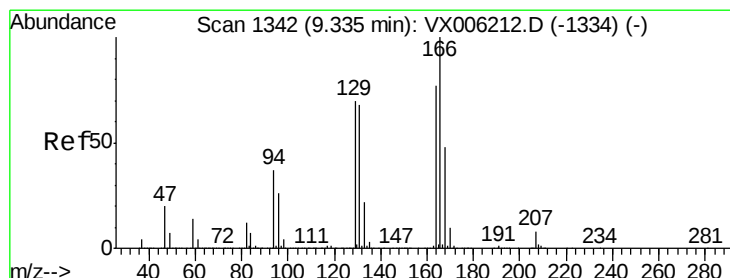
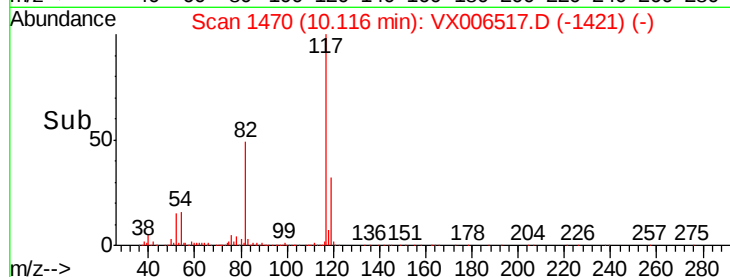
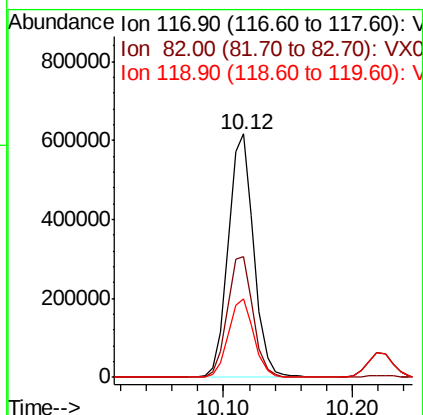
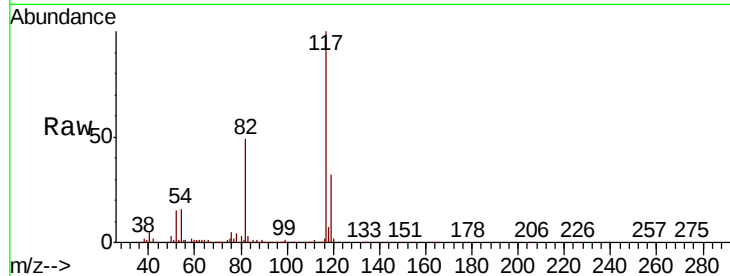




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

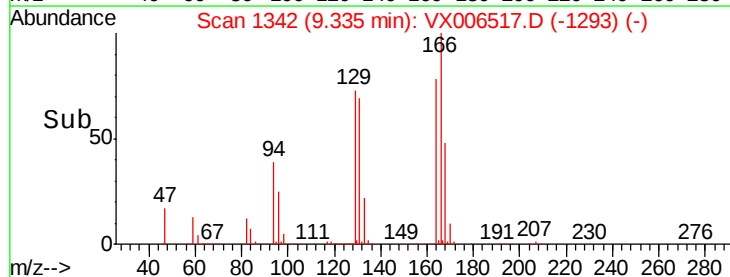
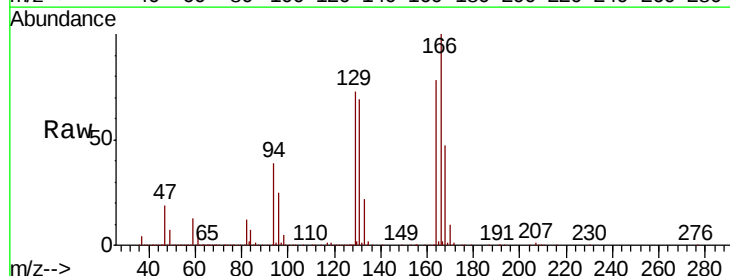
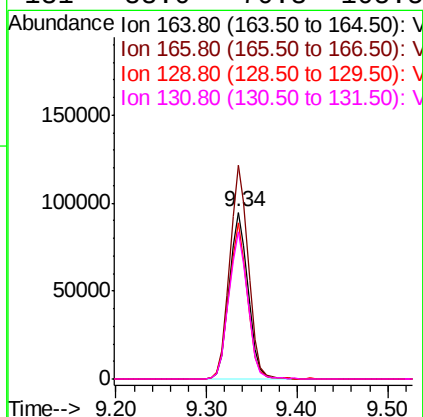
Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.3	39.6	59.4
119	32.4	26.3	39.5



#64
Tetrachloroethene
Concen: 21.339 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	104.2	156.2
129	93.6	72.6	108.8
131	88.0	70.3	105.5





#65

Chlorobenzene

Concen: 21.152 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Instrument :

MSVOA_X

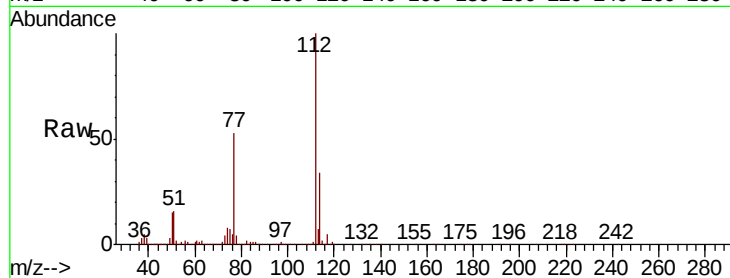
ClientSampleId :

Tot Ion:112 Resp: 382263

Ion Ratio Lower Upper

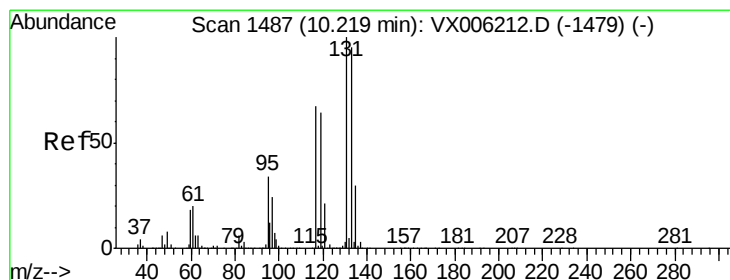
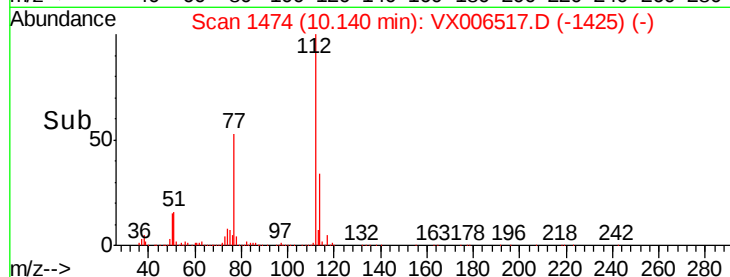
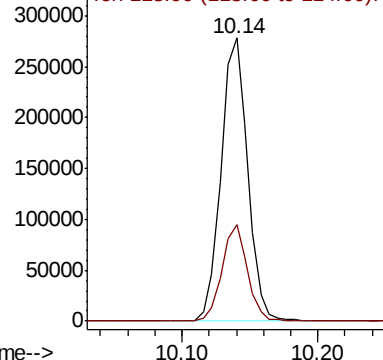
112 100

114 34.0 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.090 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

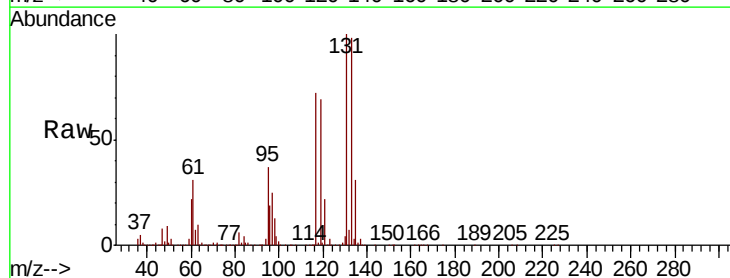
Tgt Ion:131 Resp: 127024

Ion Ratio Lower Upper

131 100

133 97.1 48.1 144.4

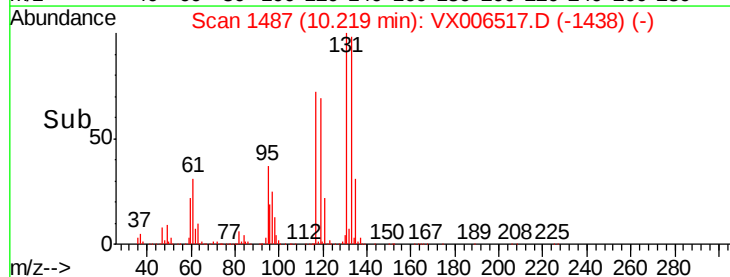
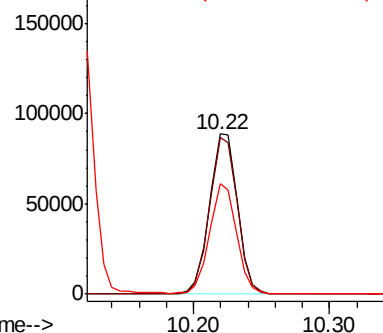
119 67.0 32.1 96.3

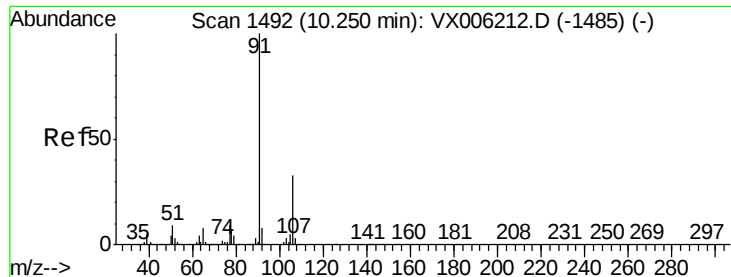


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.673 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Instrument :

MSVOA_X

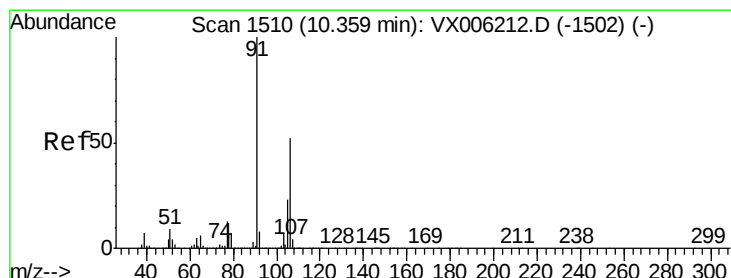
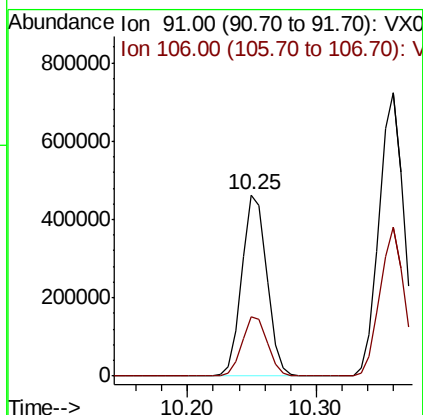
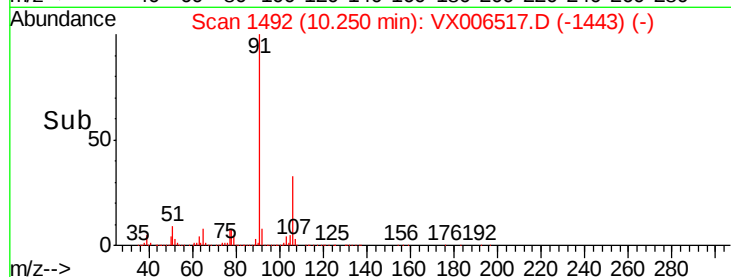
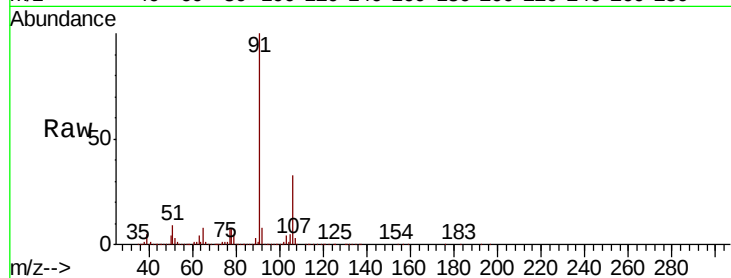
ClientSampleId :

Tot Ion: 91 Resp: 621393

Ion Ratio Lower Upper

91 100

106 32.9 26.5 39.7



#68

m/p-Xylenes

Concen: 41.245 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006517.D

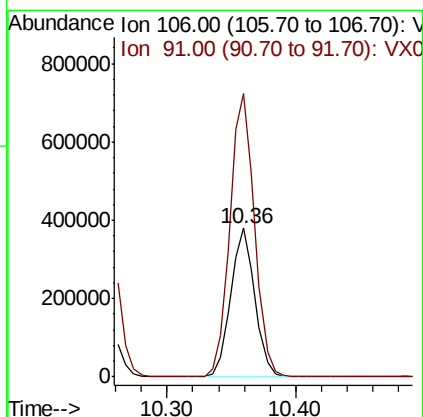
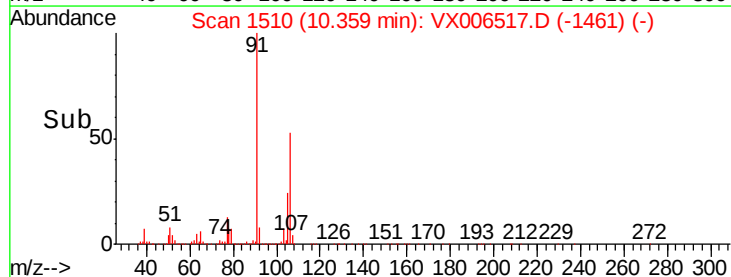
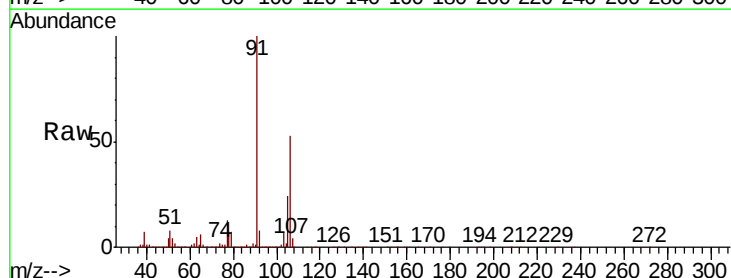
Acq: 14 Dec 2018 14:45

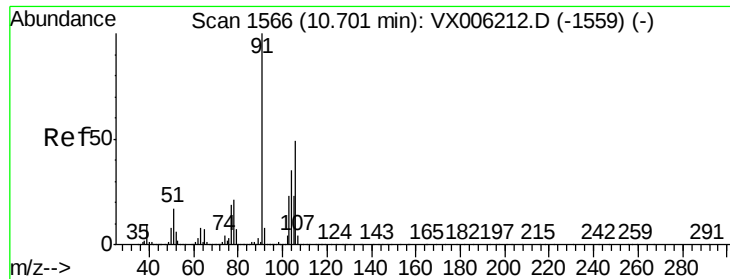
Tgt Ion: 106 Resp: 496597

Ion Ratio Lower Upper

106 100

91 194.6 155.2 232.8

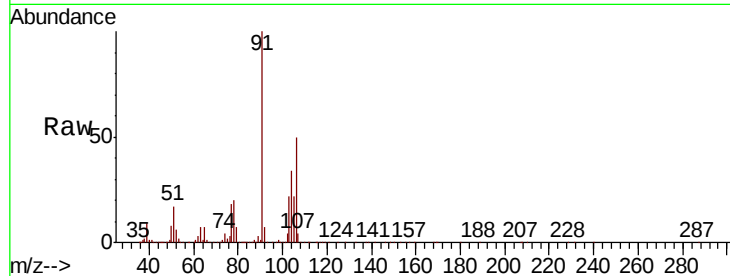




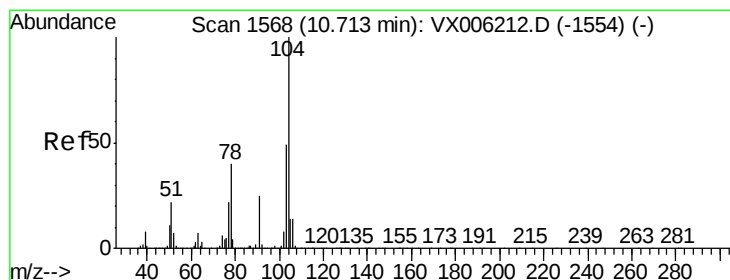
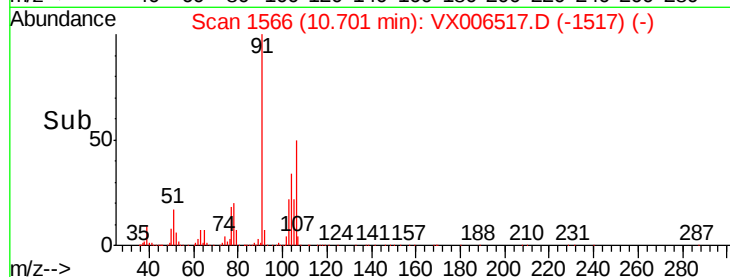
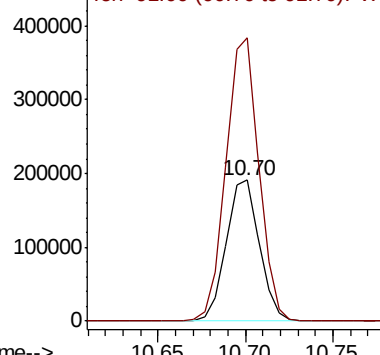
#69
o-Xylene
Concen: 21.217 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 252337
Ion Ratio Lower Upper
106 100
91 199.2 101.8 305.6

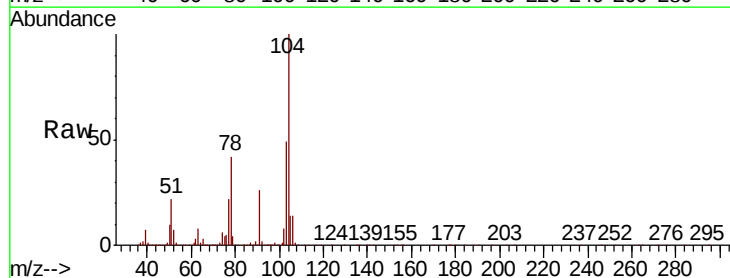


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

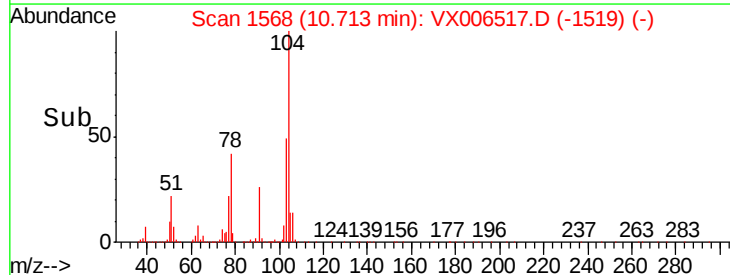
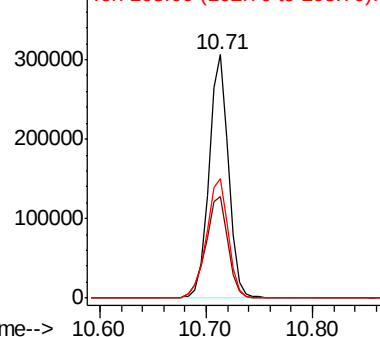


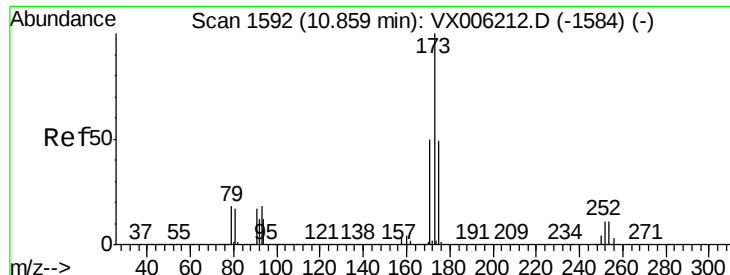
#70
Styrene
Concen: 20.403 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

Tgt Ion:104 Resp: 392451
Ion Ratio Lower Upper
104 100
78 47.6 37.2 55.8
103 54.9 43.5 65.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 13.733 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

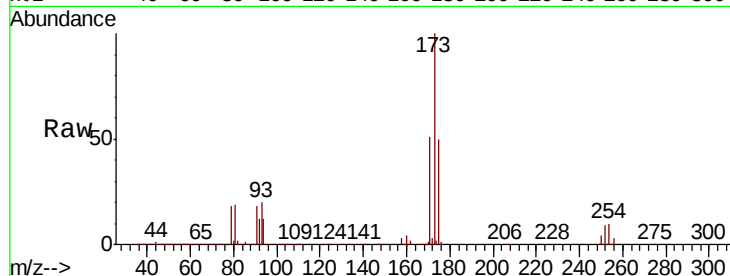
Tot Ion:173 Resp: 91030

Ion Ratio Lower Upper

173 100

175 49.5 24.6 73.8

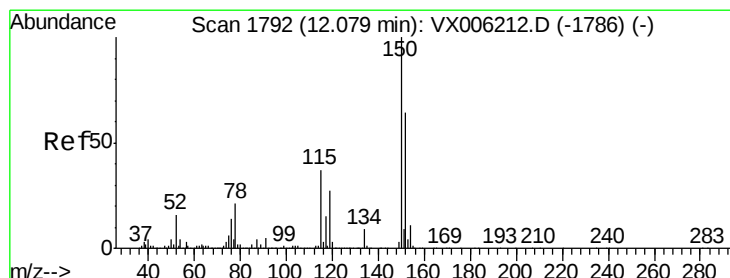
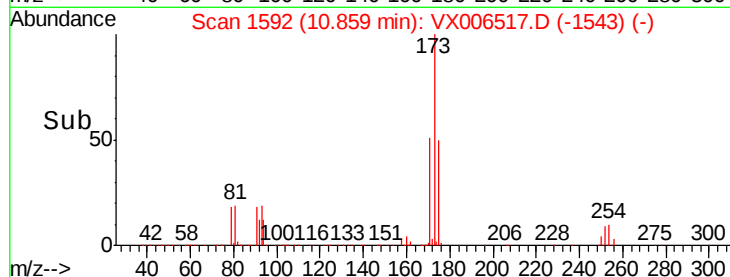
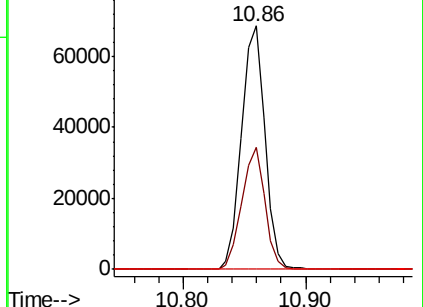
254 0.1 0.2 0.2#



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: VX006517.D

Acq: 14 Dec 2018 14:45

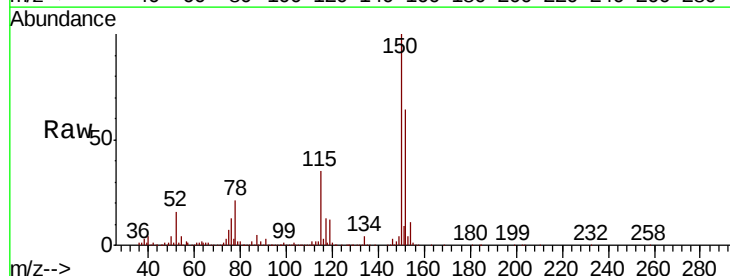
Tgt Ion:152 Resp: 442006

Ion Ratio Lower Upper

152 100

115 65.0 39.0 116.9

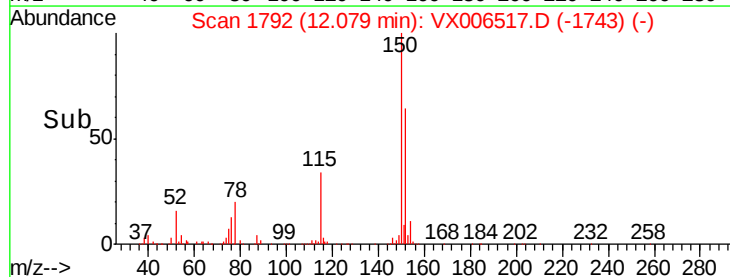
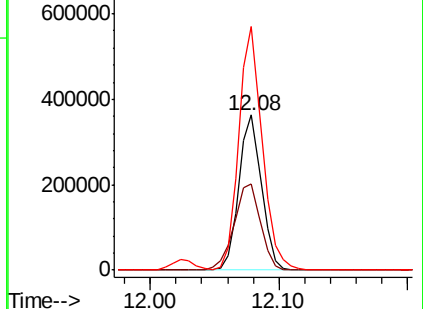
150 162.8 0.0 345.8

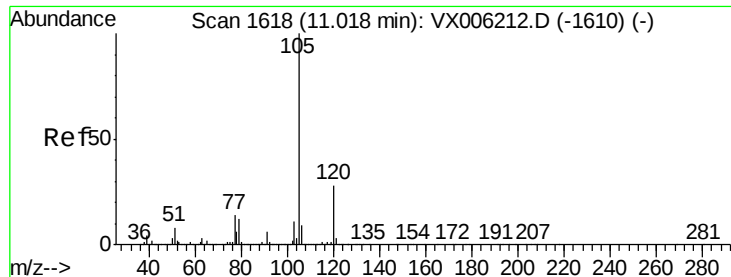


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.277 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Instrument :

MSVOA_X

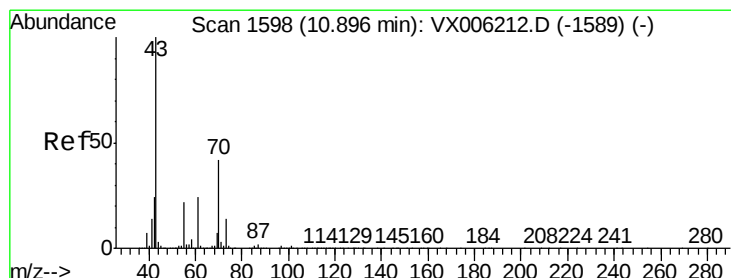
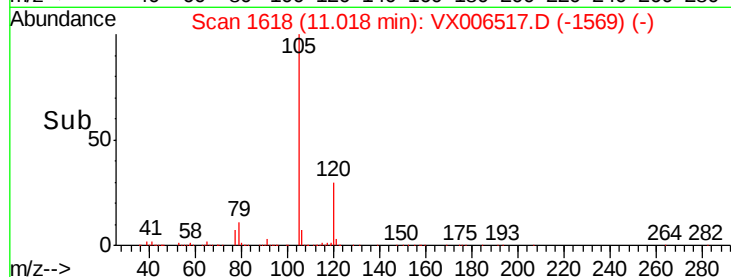
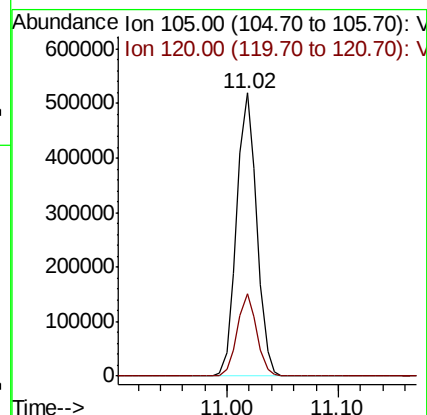
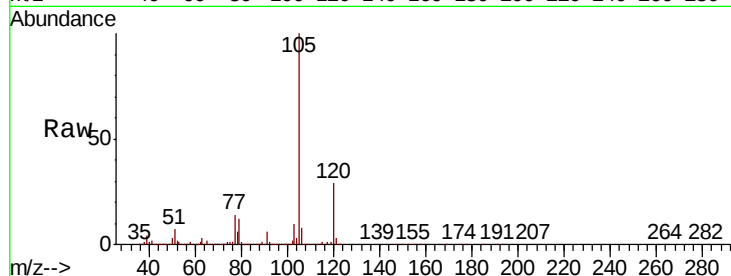
ClientSampled :

Tot Ion:105 Resp: 649481

Ion Ratio Lower Upper

105 100

120 28.0 14.1 42.3



#74

N-ethyl acetate

Concen: 18.399 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Tgt Ion: 43 Resp: 241839

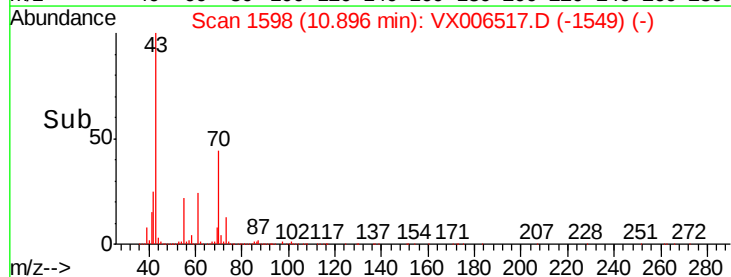
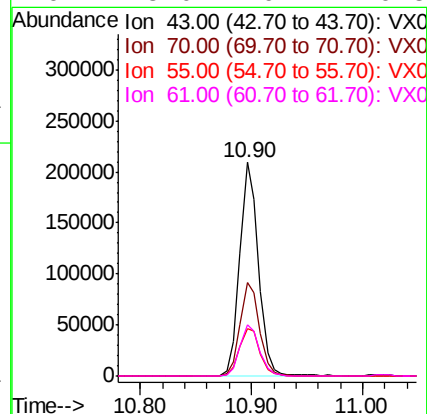
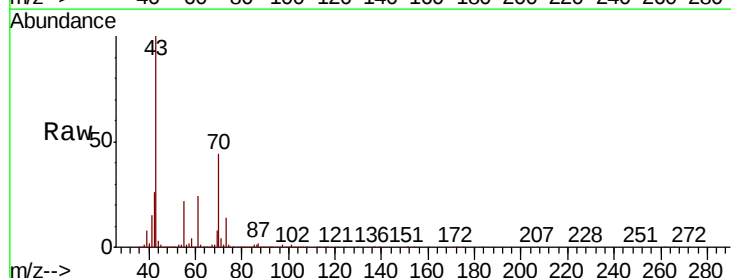
Ion Ratio Lower Upper

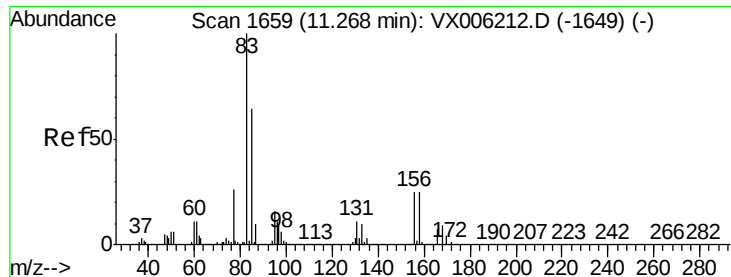
43 100

70 45.4 34.1 51.1

55 24.1 17.8 26.8

61 25.0 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.425 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

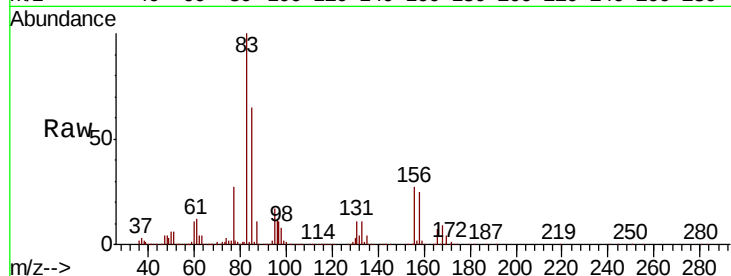
Tot Ion: 83 Resp: 199457

Ion Ratio Lower Upper

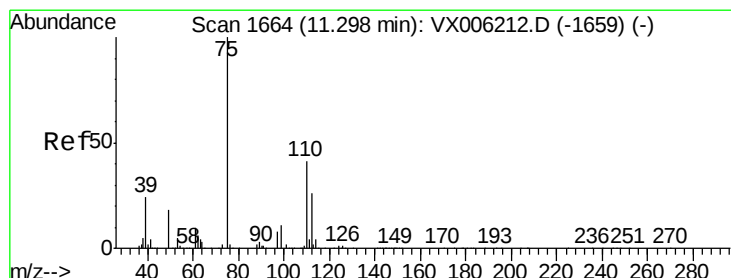
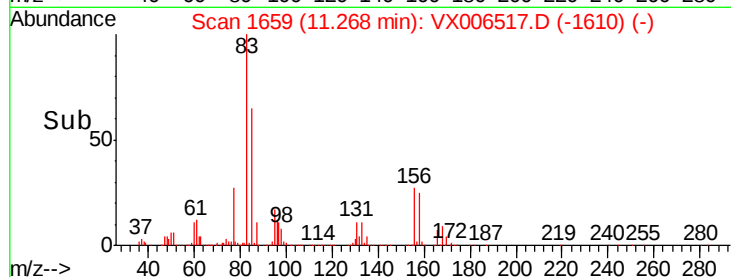
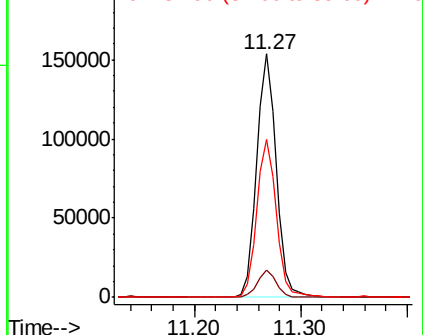
83 100

131 11.0 5.7 17.1

85 64.7 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: 25.478 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006517.D

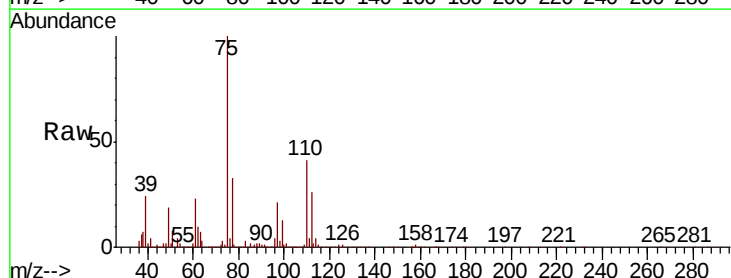
Acq: 14 Dec 2018 14:45

Tgt Ion: 75 Resp: 217365

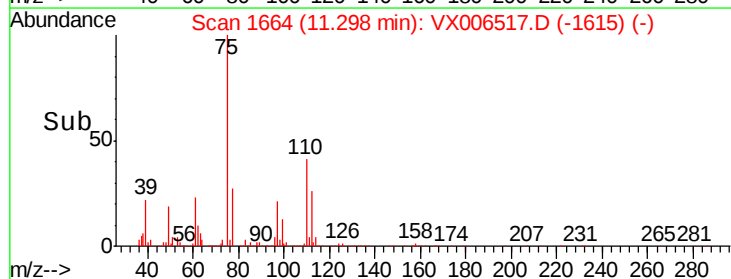
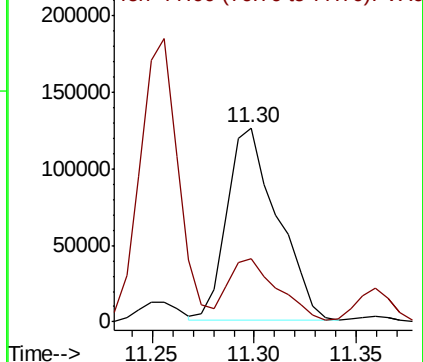
Ion Ratio Lower Upper

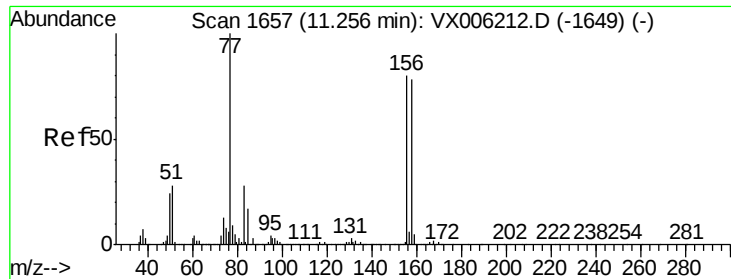
75 100

77 31.8 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: 20.574 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

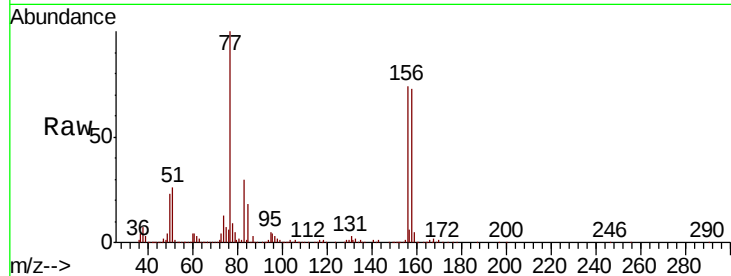
Tot Ion:156 Resp: 174281

Ion Ratio Lower Upper

156 100

77 138.0 66.2 198.6

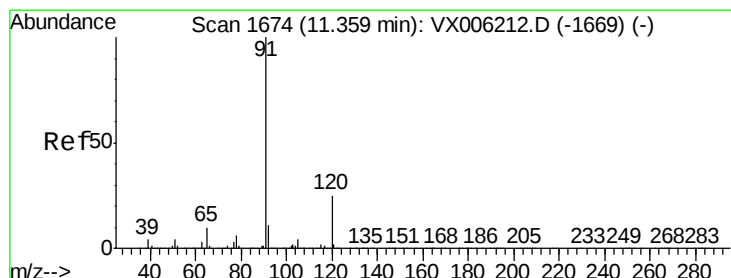
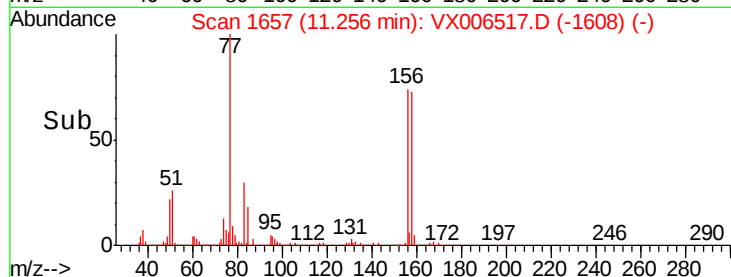
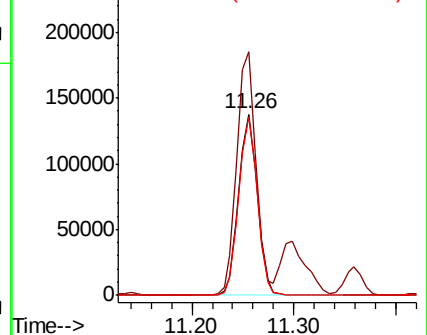
158 97.8 48.8 146.4



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: 20.934 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006517.D

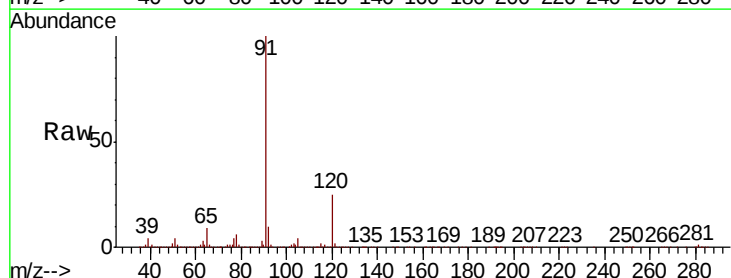
Acq: 14 Dec 2018 14:45

Tgt Ion: 91 Resp: 710320

Ion Ratio Lower Upper

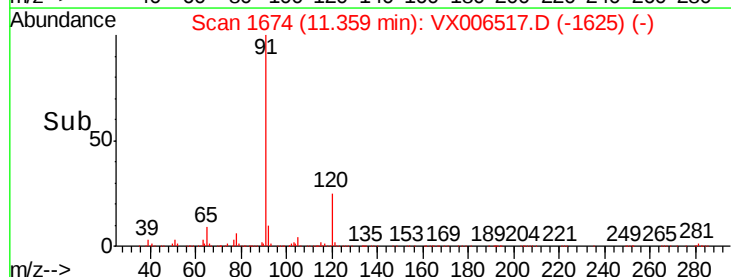
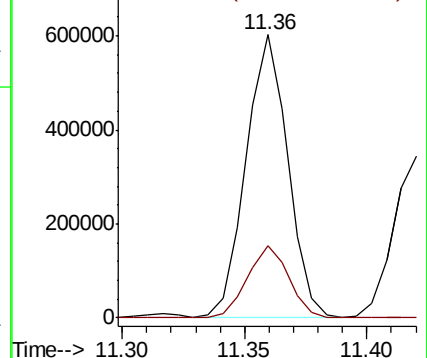
91 100

120 25.6 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: 21.289 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Instrument :

MSVOA_X

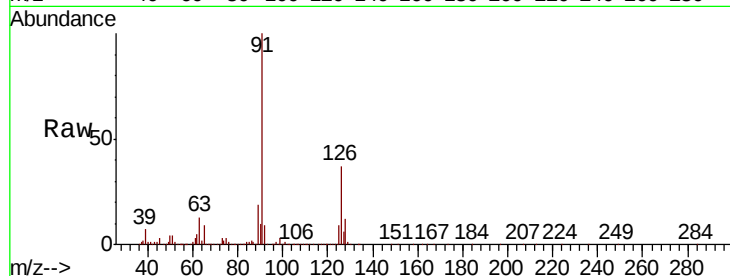
ClientSampleId :

Tot Ion: 91 Resp: 429332

Ion Ratio Lower Upper

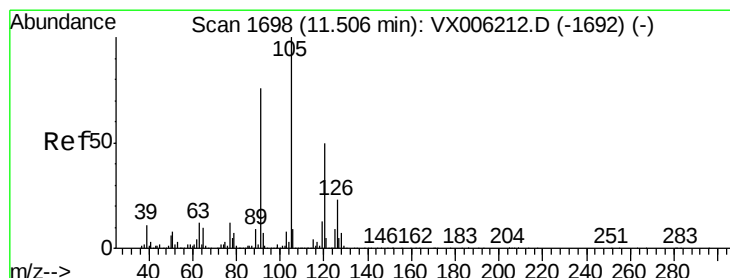
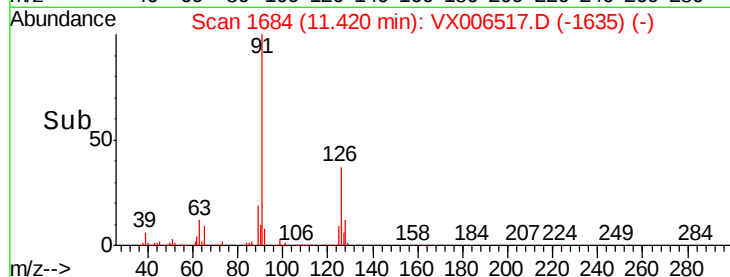
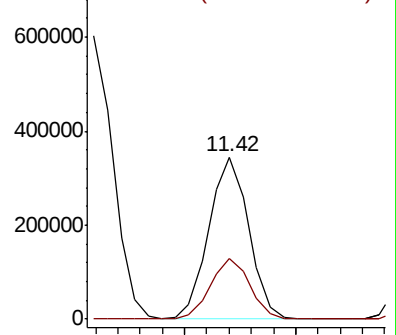
91 100

126 37.5 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.957 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006517.D

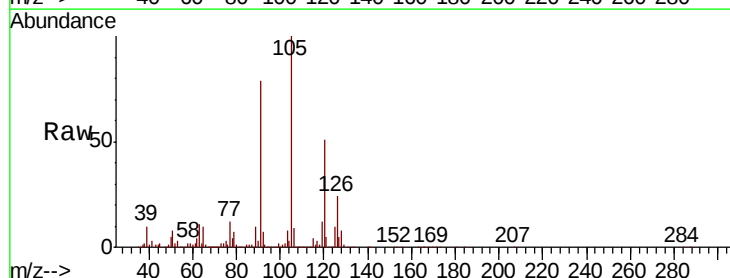
Acq: 14 Dec 2018 14:45

Tgt Ion:105 Resp: 532255

Ion Ratio Lower Upper

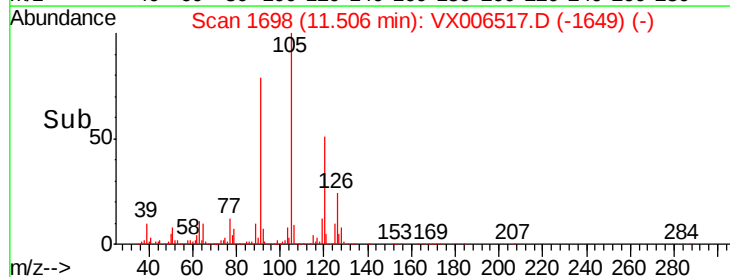
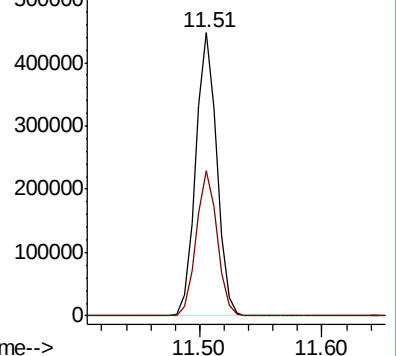
105 100

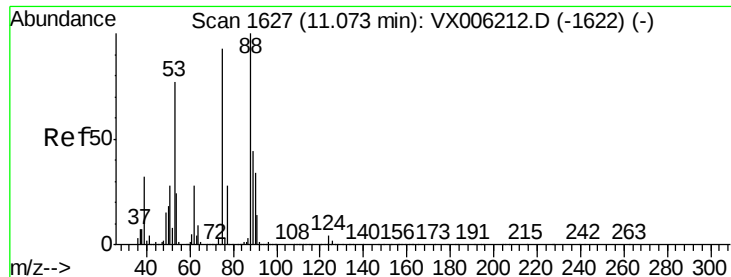
120 50.9 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

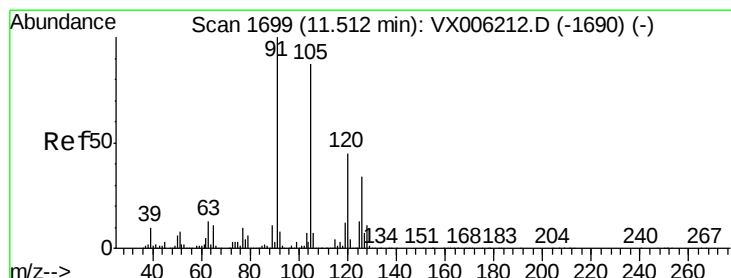
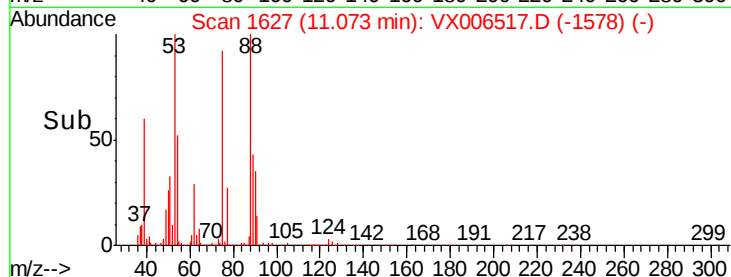
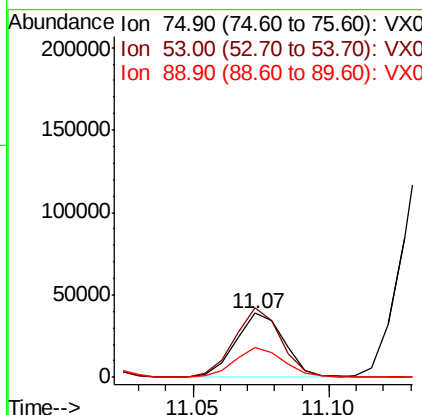
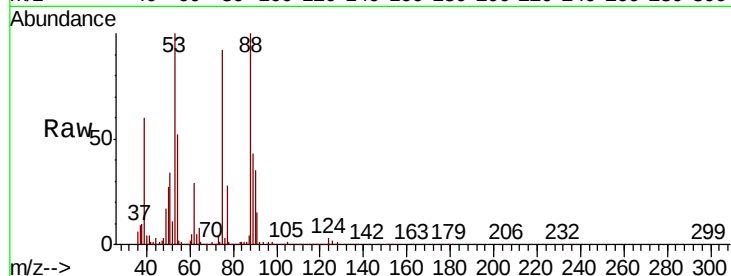




#81
trans-1,4-Dichloro-2-butene
Concen: 13.101 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

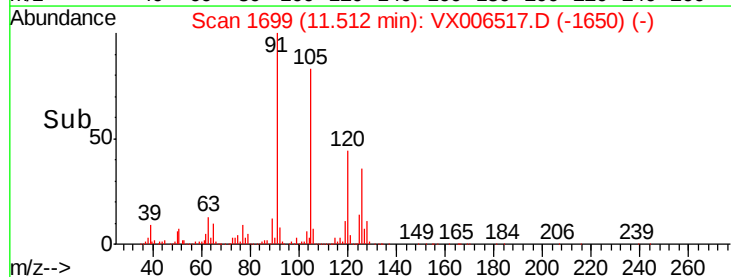
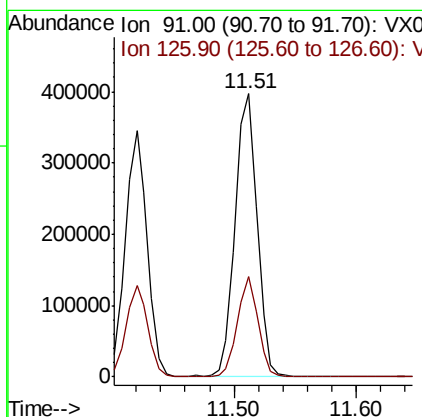
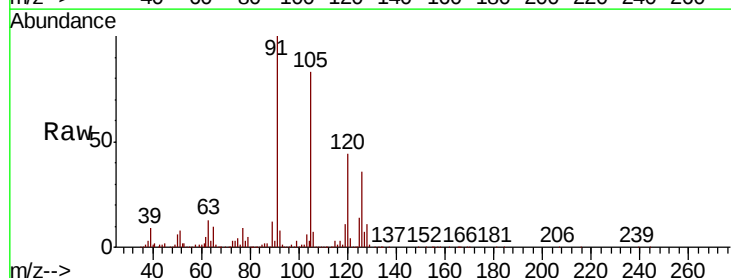
Instrument :
MSVOA_X
ClientSampleId :

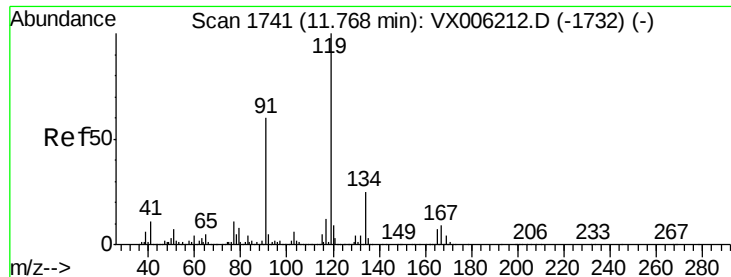
Tot Ion: 75 Resp: 47630
Ion Ratio Lower Upper
75 100
53 105.9 64.4 96.6#
89 47.4 44.2 66.4



#82
4-Chlorotoluene
Concen: 20.897 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

Tgt Ion: 91 Resp: 489993
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.4

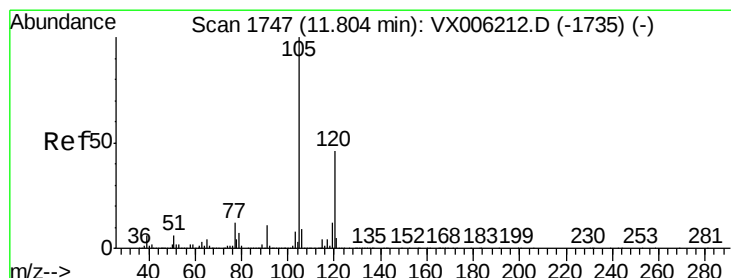
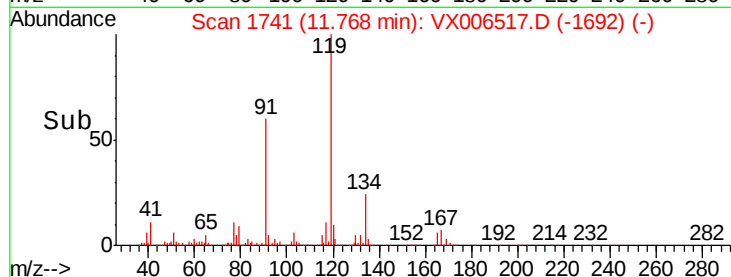
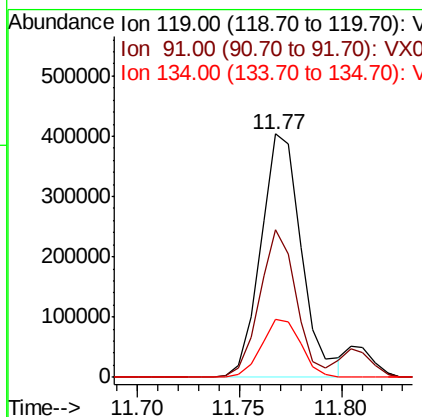
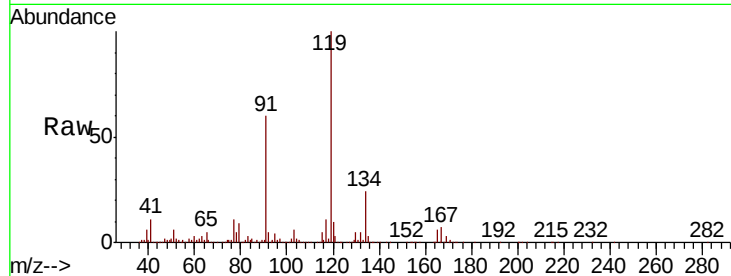




#83
tert-Butylbenzene
Concen: 20.693 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

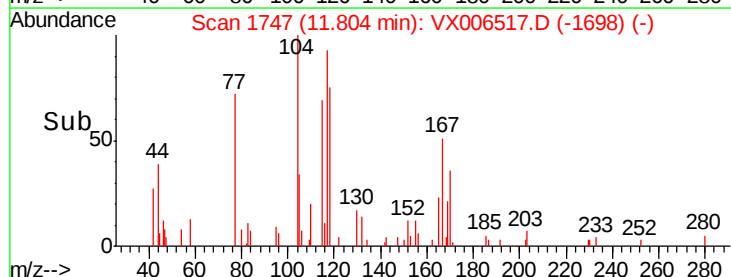
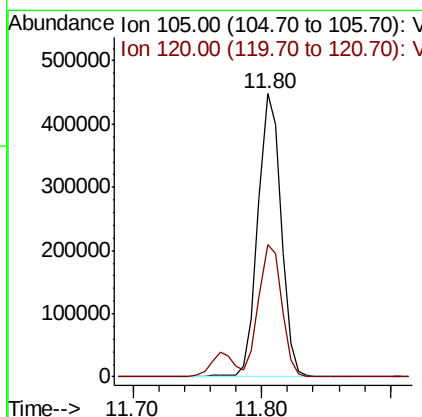
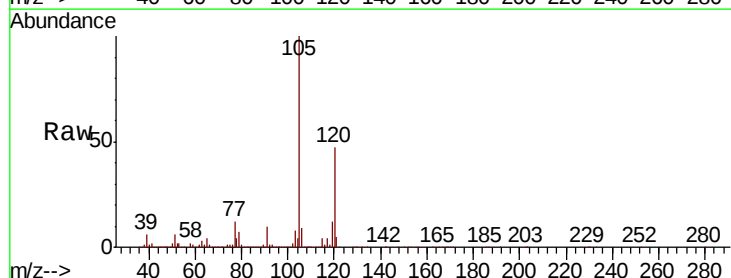
Instrument :
MSVOA_X
ClientSampled :

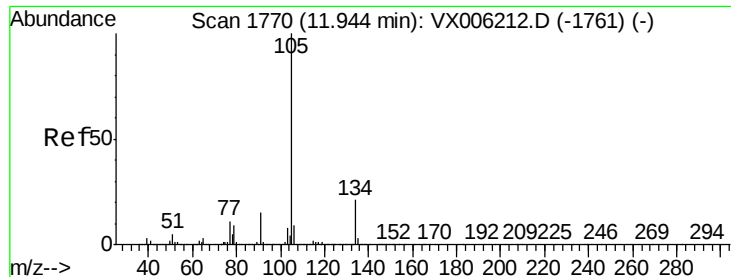
Tot Ion:119 Resp: 560733
Ion Ratio Lower Upper
119 100
91 54.5 26.4 79.2
134 23.3 11.6 34.7



#84
1,2,4-Trimethylbenzene
Concen: 21.072 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

Tgt Ion:105 Resp: 552601
Ion Ratio Lower Upper
105 100
120 46.7 23.4 70.0





#85

sec-Butylbenzene

Concen: 21.207 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Instrument :

MSVOA_X

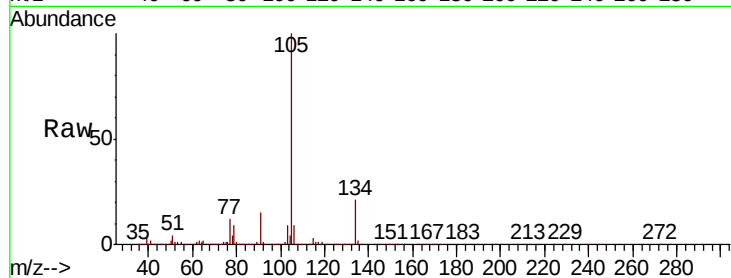
ClientSampleId :

Tot Ion:105 Resp: 653771

Ion Ratio Lower Upper

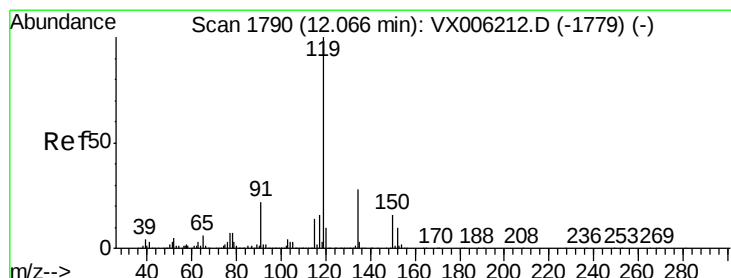
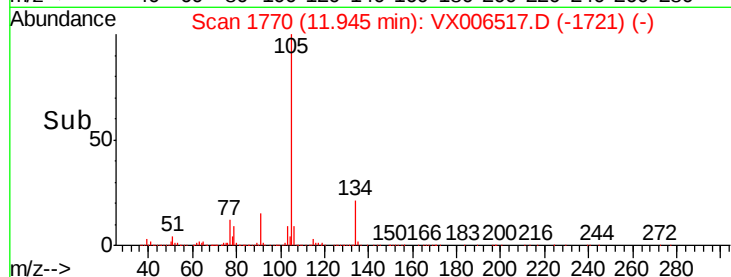
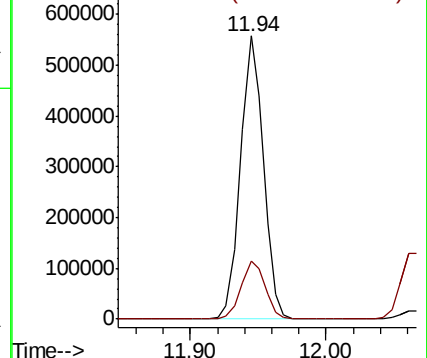
105 100

134 21.5 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.798 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

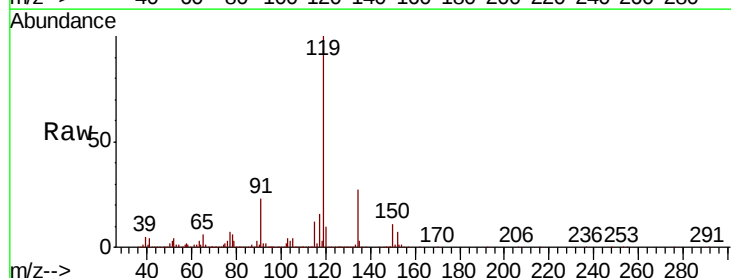
Tgt Ion:119 Resp: 577325

Ion Ratio Lower Upper

119 100

134 28.3 13.9 41.6

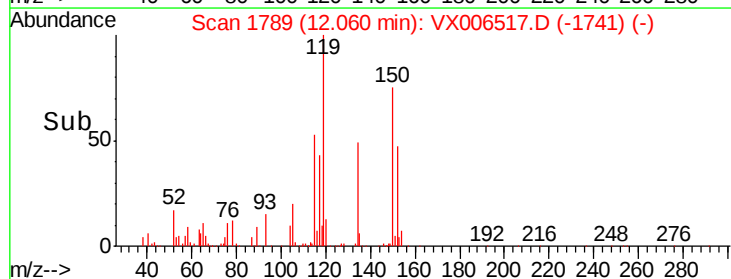
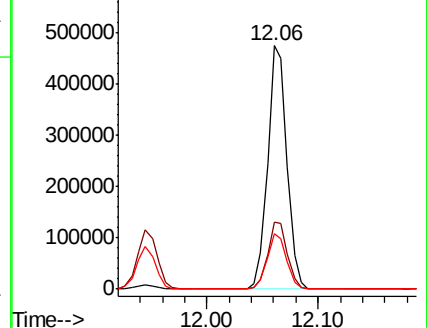
91 23.0 11.3 33.8

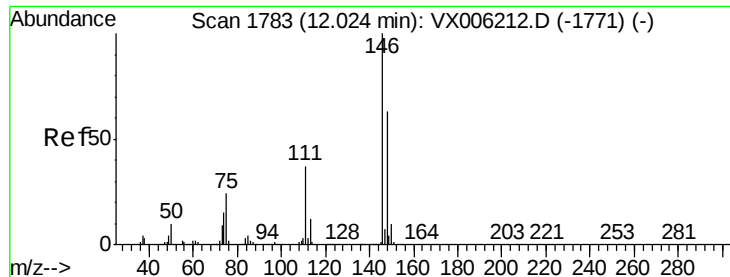


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 20.782 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

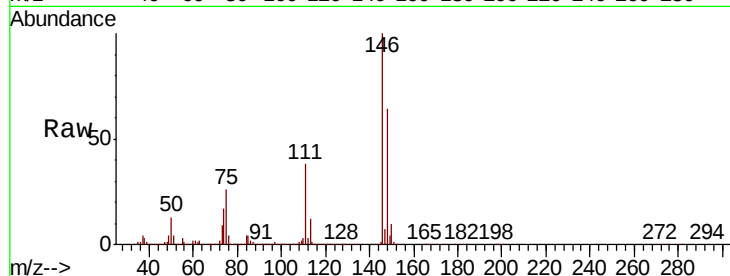
Tot Ion:146 Resp: 313244

Ion Ratio Lower Upper

146 100

111 38.3 18.4 55.2

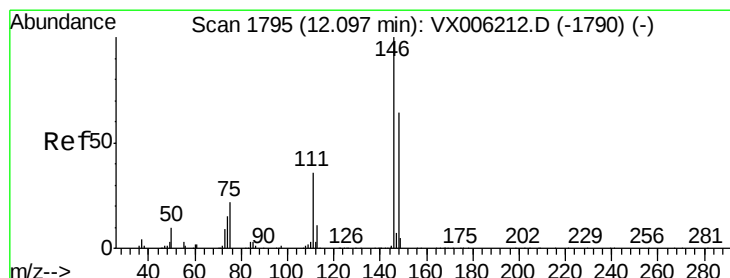
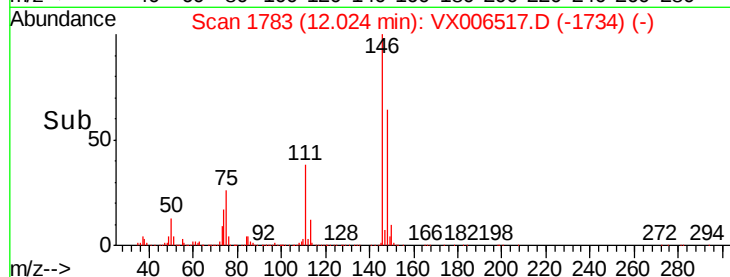
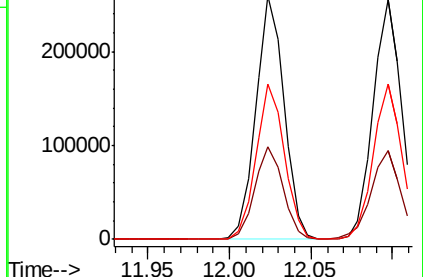
148 64.2 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.297 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

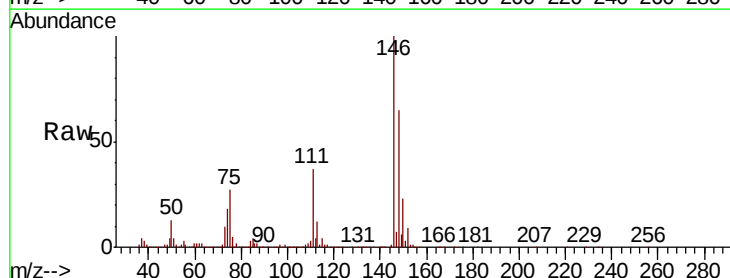
Tgt Ion:146 Resp: 310526

Ion Ratio Lower Upper

146 100

111 38.4 18.3 54.8

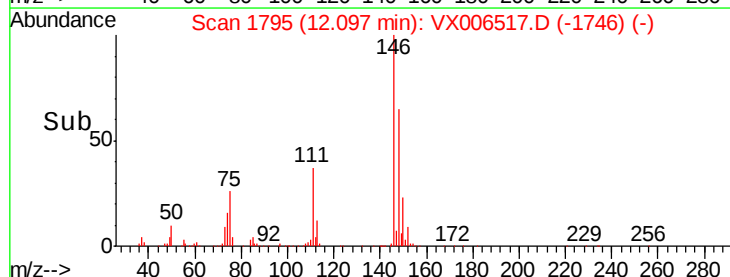
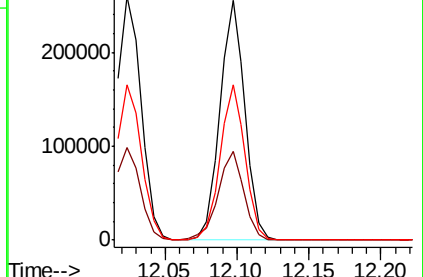
148 64.6 31.9 95.9

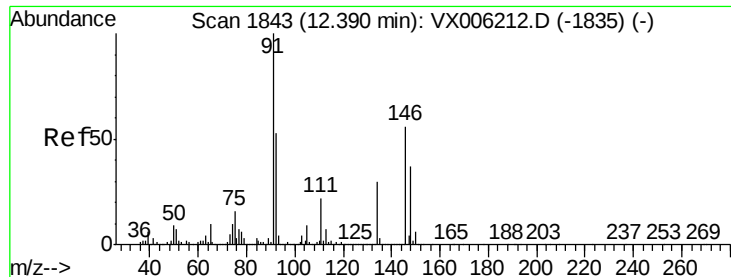


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.932 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

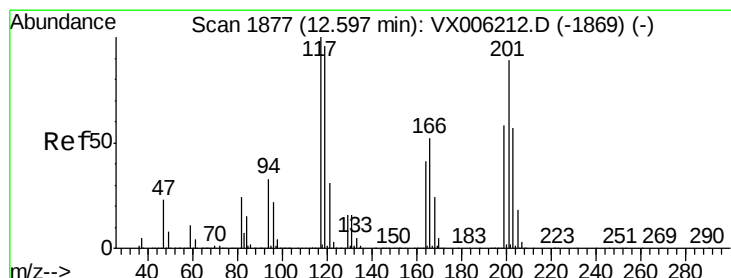
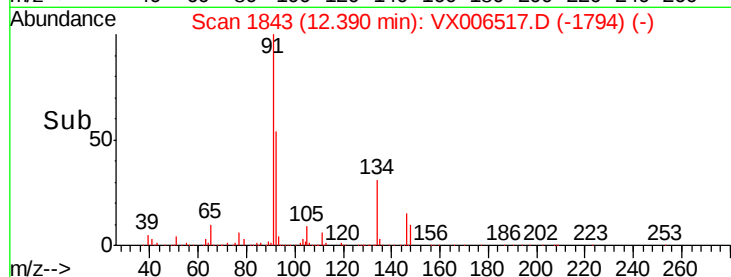
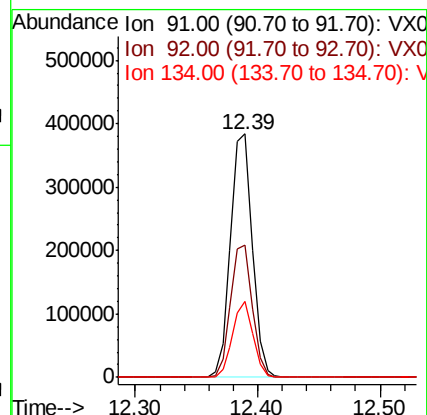
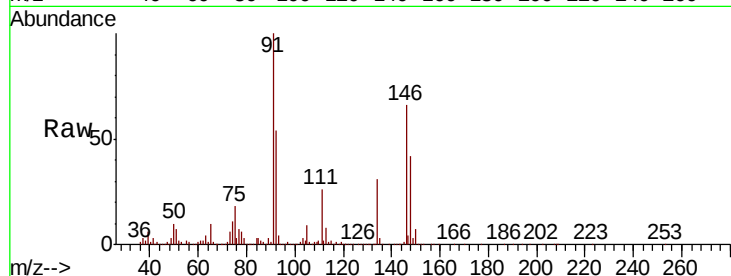
Tot Ion: 91 Resp: 472091

Ion Ratio Lower Upper

91 100

92 54.3 26.6 79.8

134 29.3 14.8 44.3



#90

Hexachloroethane

Concen: 15.446 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006517.D

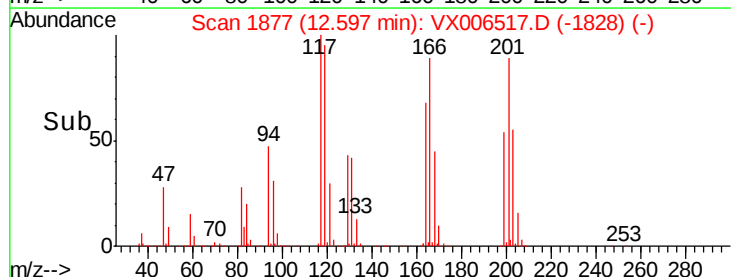
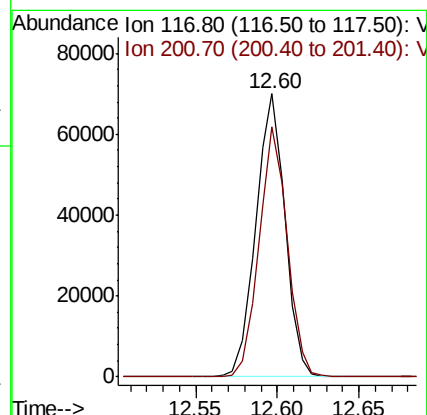
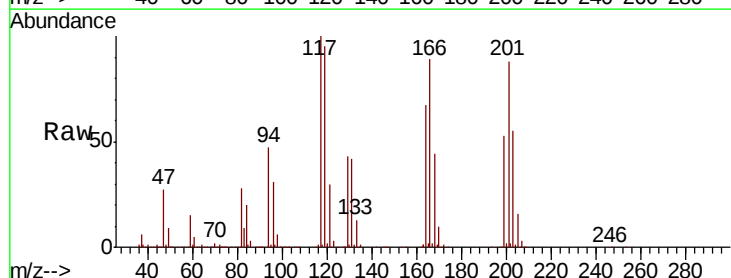
Acq: 14 Dec 2018 14:45

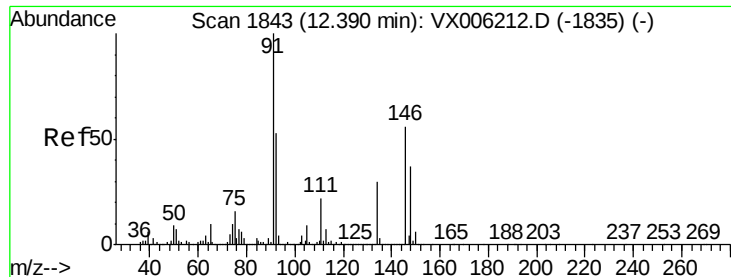
Tgt Ion: 117 Resp: 87387

Ion Ratio Lower Upper

117 100

201 85.4 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 20.799 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

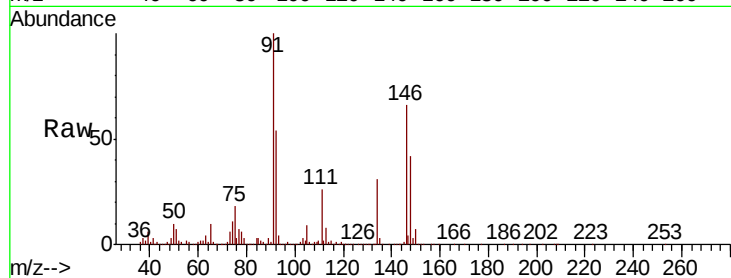
Tot Ion:146 Resp: 311140

Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.3

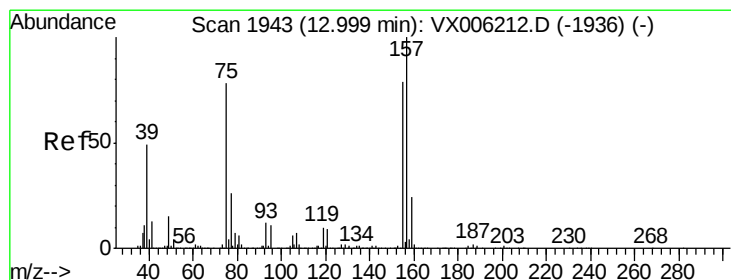
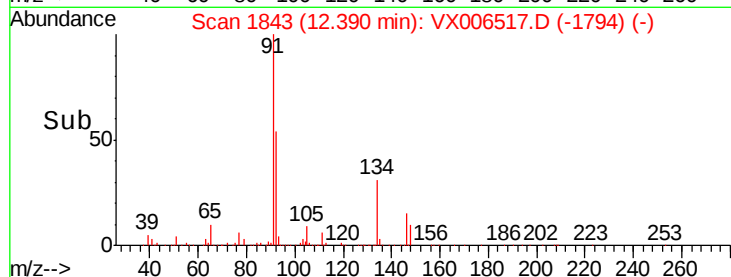
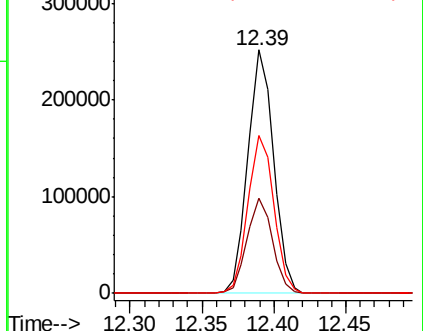
148 65.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.431 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006517.D

Acq: 14 Dec 2018 14:45

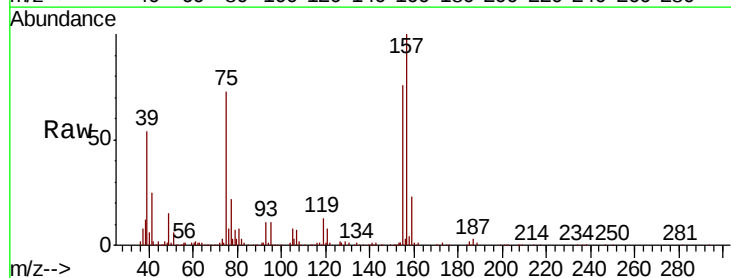
Tgt Ion: 75 Resp: 38627

Ion Ratio Lower Upper

75 100

155 105.0 53.4 160.3

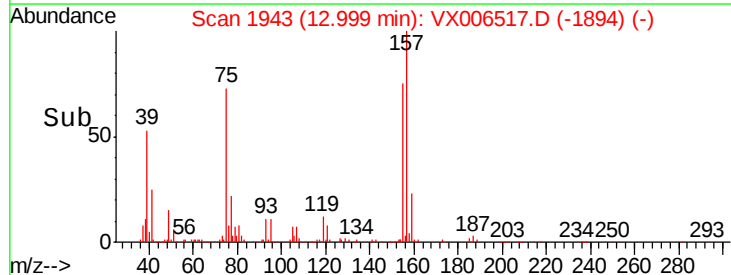
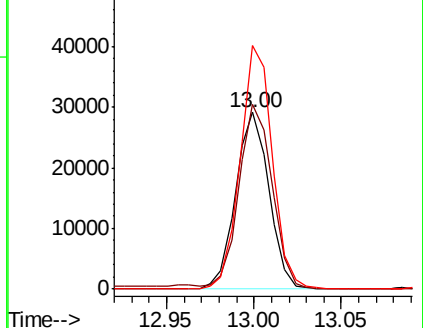
157 132.6 68.0 203.8

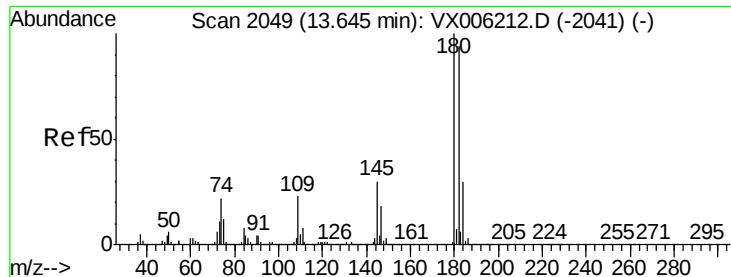


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

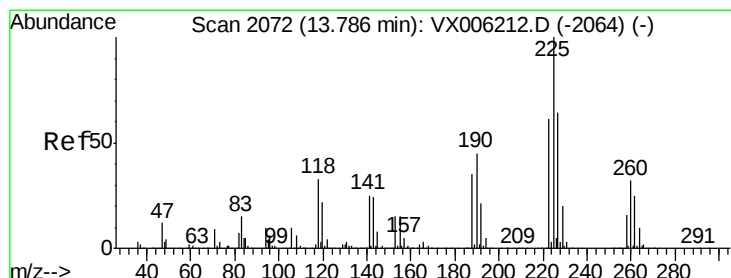
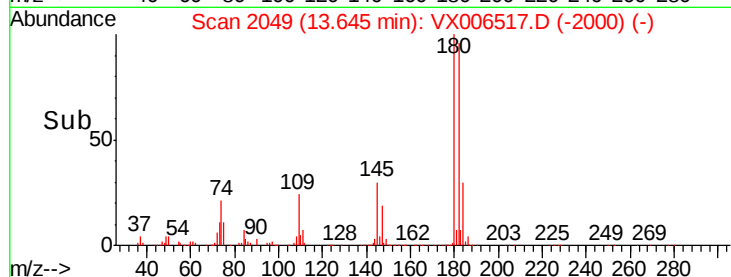
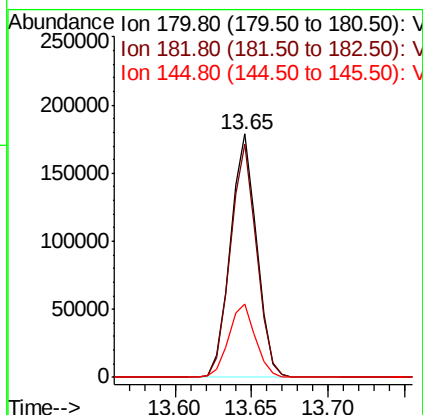
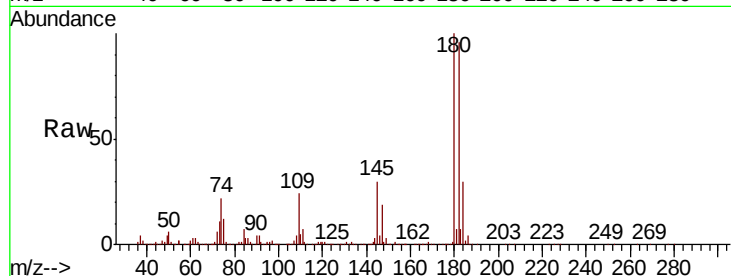




#93
 1,2,4-Trichlorobenzene
 Concen: 19.443 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006517.D
 Acq: 14 Dec 2018 14:45

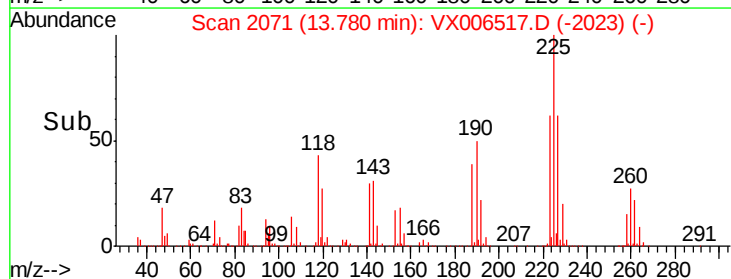
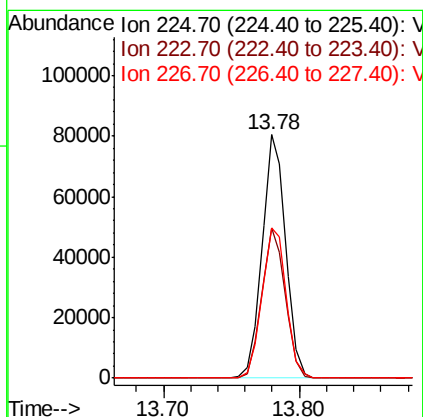
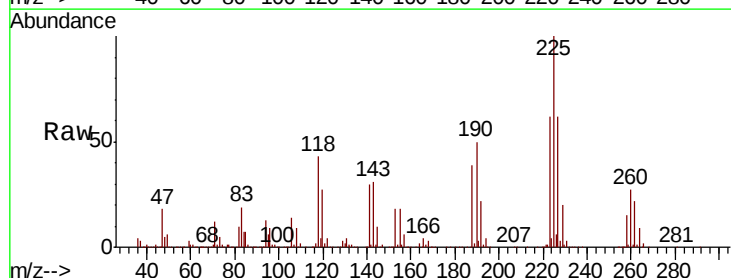
Instrument :
 MSVOA_X
 ClientSampled :

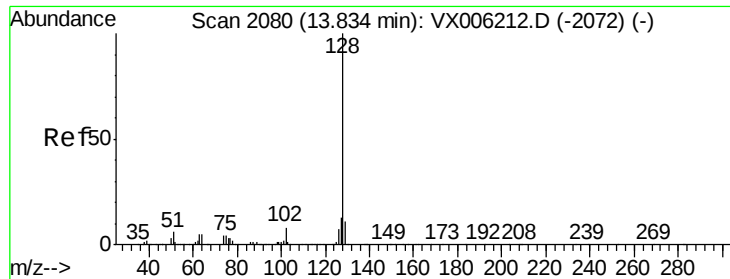
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.3	141.9
145	30.6	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 20.284 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006517.D
 Acq: 14 Dec 2018 14:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	31.2	93.6
227	63.6	31.9	95.5

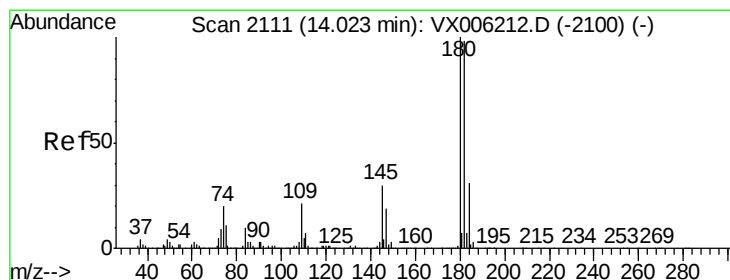
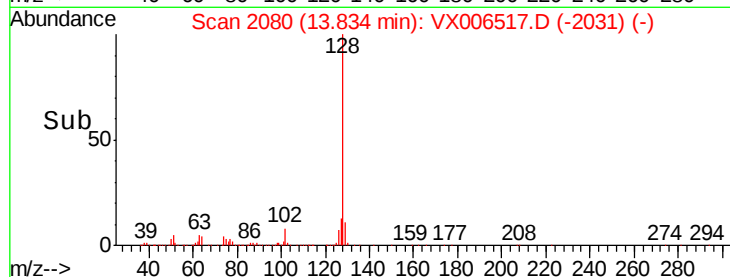
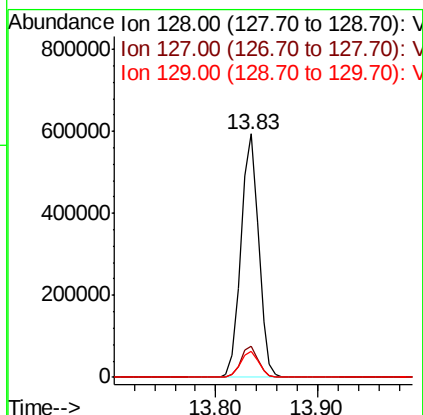
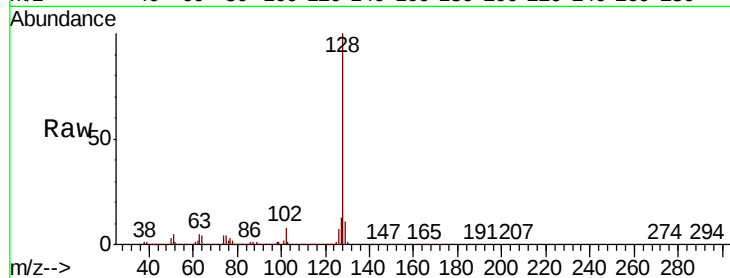




#95
Naphthalene
Concen: 20.687 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.888 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006517.D
Acq: 14 Dec 2018 14:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.4	145.2
145	32.3	15.6	46.8

