

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006332.D
 Acq On : 06 Dec 2018 21:23
 Operator : JC/MD
 Sample : J6259-08MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 07 04:34:27 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	651721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	976547	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	882654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	451354	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	324145	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	5.51	113	318969	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	8.71	98	1130879	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.13	95	420167	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	327415	51.309	ug/l	98
3) Chloromethane	1.33	50	299396	45.656	ug/l	98
4) Vinyl Chloride	1.41	62	337534	47.825	ug/l	98
5) Bromomethane	1.64	94	253263	51.779	ug/l	98
6) Chloroethane	1.71	64	210232	48.583	ug/l	100
7) Trichlorofluoromethane	1.93	101	535509	49.430	ug/l	100
8) Diethyl Ether	2.19	74	203226	49.565	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	304787	49.477	ug/l	99
10) Methyl Iodide	2.51	142	428059	46.109	ug/l	99
11) Tert butyl alcohol	3.08	59	438497	241.005	ug/l	100
12) 1,1-Dichloroethene	2.37	96	286363	48.559	ug/l	94
13) Acrolein	2.30	56	225105	226.362	ug/l	97
14) Allyl chloride	2.73	41	525357	45.098	ug/l	99
15) Acrylonitrile	3.15	53	922342	242.929	ug/l	100
16) Acetone	2.45	43	758383	242.899	ug/l	99
17) Carbon Disulfide	2.57	76	783684	43.126	ug/l	99
18) Methyl Acetate	2.78	43	486235	46.568	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	1033462	49.125	ug/l	99
20) Methylene Chloride	2.85	84	316919	47.694	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	301351	47.952	ug/l	96
22) Diisopropyl ether	3.87	45	904313	49.699	ug/l	98
23) Vinyl Acetate	3.82	43	3462002	223.076	ug/l	100
24) 1,1-Dichloroethane	3.70	63	530814	51.039	ug/l	99
25) 2-Butanone	4.70	43	1115161	250.319	ug/l	97
26) 2,2-Dichloropropane	4.58	77	397125	41.375	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	357206	50.957	ug/l	97
28) Bromochloromethane	5.02	49	229841	50.595	ug/l	97
29) Tetrahydrofuran	5.15	42	754714	243.755	ug/l	98
30) Chloroform	5.21	83	544713	49.840	ug/l	100
31) Cyclohexane	5.57	56	448114	46.623	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	505703	48.631	ug/l	99
36) 1,1-Dichloropropene	5.80	75	392804	47.766	ug/l	99
37) Ethyl Acetate	4.85	43	402486	43.704	ug/l	99
38) Carbon Tetrachloride	5.79	117	462161	47.772	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	502191	47.046	ug/l	98
40) Benzene	6.14	78	1226813	49.809	ug/l	99
41) Methacrylonitrile	5.06	41	240576	47.475	ug/l	99
42) 1,2-Dichloroethane	6.20	62	406241	50.396	ug/l	100
43) Isopropyl Acetate	6.46	43	682398	44.443	ug/l	99
44) Trichloroethene	7.21	130	385559	51.673	ug/l	98
45) 1,2-Dichloropropane	7.52	63	304648	48.667	ug/l	95
46) Dibromomethane	7.66	93	221887	49.080	ug/l	98
47) Bromodichloromethane	7.90	83	425463	48.596	ug/l	97
48) Methyl methacrylate	7.77	41	353507	47.325	ug/l	98
49) 1,4-Dioxane	7.75	88	183939	999.103	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	2125836	237.828	ug/l	99
52) Toluene	8.79	92	796529	49.156	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	470802	45.981	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	493258	46.394	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	330736	50.241	ug/l	100
56) Ethyl methacrylate	9.18	69	493312	47.934	ug/l	98
57) 1,3-Dichloropropane	9.37	76	525209	50.454	ug/l	99
59) 2-Hexanone	9.49	43	1599661	234.243	ug/l	99
60) Dibromochloromethane	9.59	129	386547	47.619	ug/l	100
61) 1,2-Dibromoethane	9.67	107	365007	49.588	ug/l	99
64) Tetrachloroethene	9.34	164	322936	48.582	ug/l	98
65) Chlorobenzene	10.14	112	938132	50.069	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	356943	49.031	ug/l	100
67) Ethyl Benzene	10.25	91	1527496	49.016	ug/l	100
68) m/p-Xylenes	10.36	106	1211140	97.023	ug/l	99
69) o-Xylene	10.70	106	598560	48.544	ug/l	100
70) Styrene	10.71	104	964960	48.387	ug/l	99
71) Bromoform	10.86	173	313731	45.653	ug/l	99
73) Isopropylbenzene	11.02	105	1581924	50.751	ug/l	99
74) N-amyl acetate	10.90	43	565572	42.136	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	495336	49.673	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	579061	66.468	ug/l	86
77) Bromobenzene	11.26	156	429525	49.655	ug/l	99
78) n-propylbenzene	11.36	91	1739703	50.210	ug/l	100
79) 2-Chlorotoluene	11.42	91	1023219	49.686	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	1296775	50.002	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	157172	42.338	ug/l	93
82) 4-Chlorotoluene	11.51	91	1173880	49.027	ug/l	99
83) tert-Butylbenzene	11.77	119	1391884	50.301	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1341140	50.081	ug/l	99
85) sec-Butylbenzene	11.94	105	1588549	50.463	ug/l	100
86) p-Isopropyltoluene	12.07	119	1425874	50.302	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	766532	49.801	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	765844	49.022	ug/l	100
89) n-Butylbenzene	12.39	91	1186999	49.077	ug/l	100
90) Hexachloroethane	12.60	117	271879	47.060	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	757104	49.562	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	115962	45.365	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	548049	49.176	ug/l	100

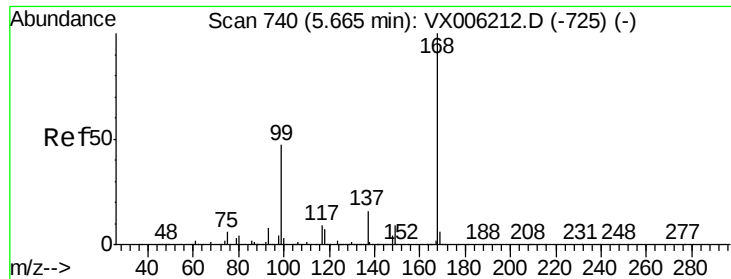
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	248137	50.346	ug/l	99
95) Naphthalene	13.83	128	1752910	50.564	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	555195	50.296	ug/l	99

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

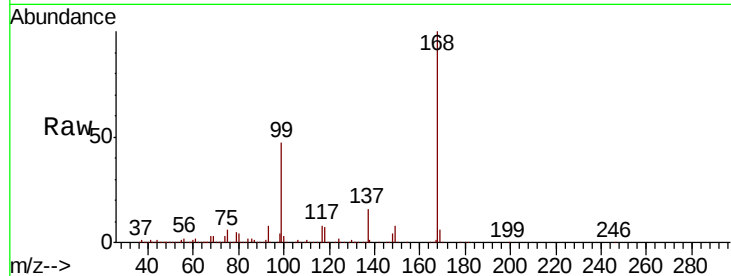


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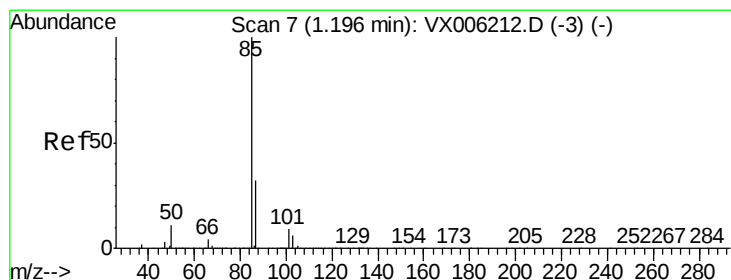
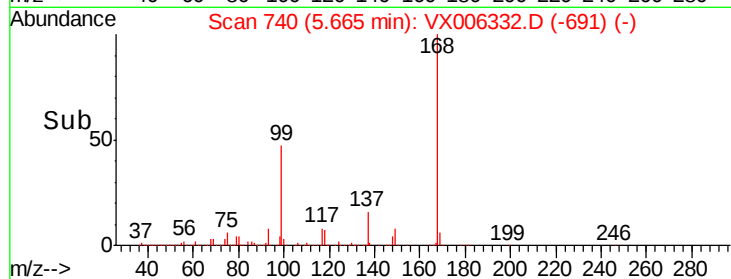
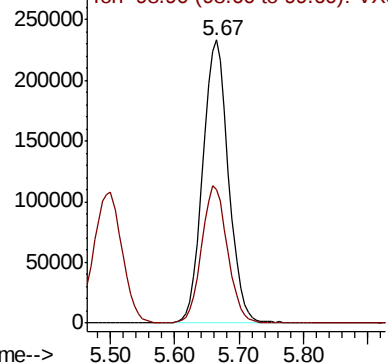
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:168 Resp: 651721
 Ion Ratio Lower Upper
 168 100
 99 46.9 37.8 56.8



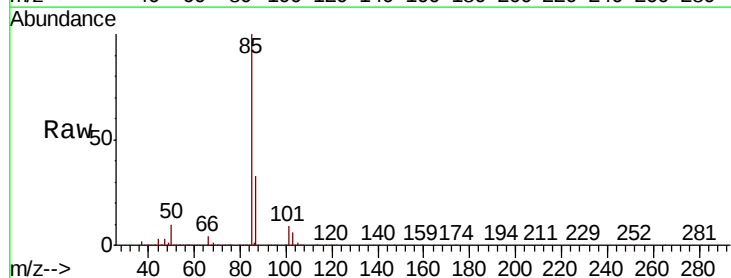
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



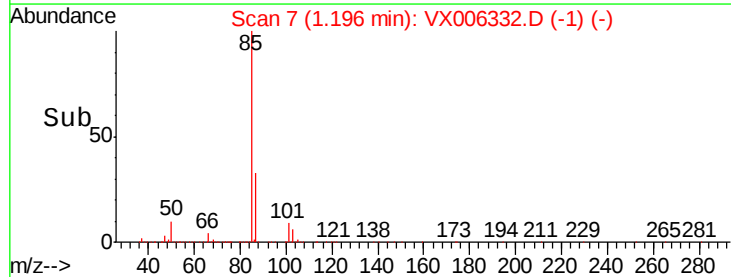
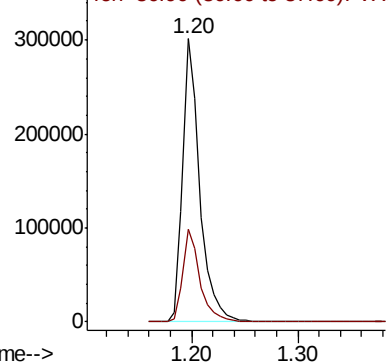
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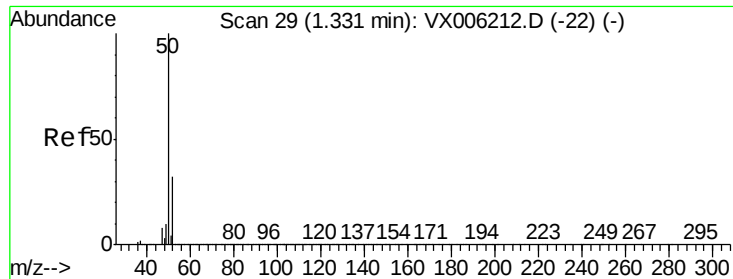
Dichlorodifluoromethane
 Concen: 51.309 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

Tgt Ion: 85 Resp: 327415
 Ion Ratio Lower Upper
 85 100
 87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0

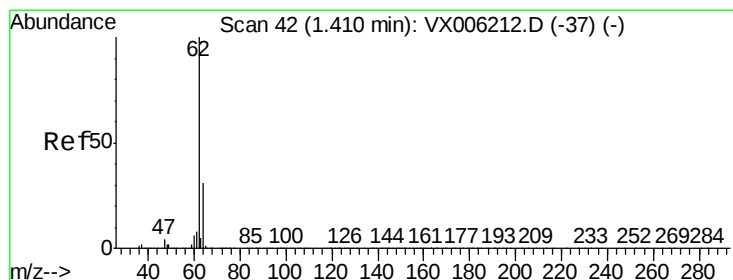
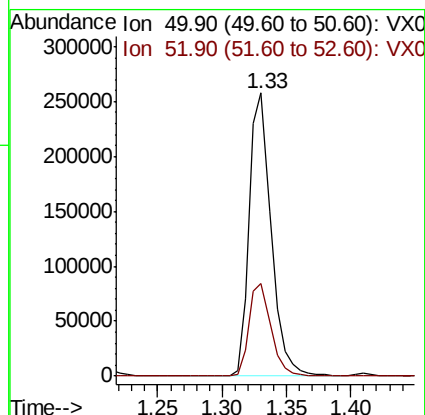
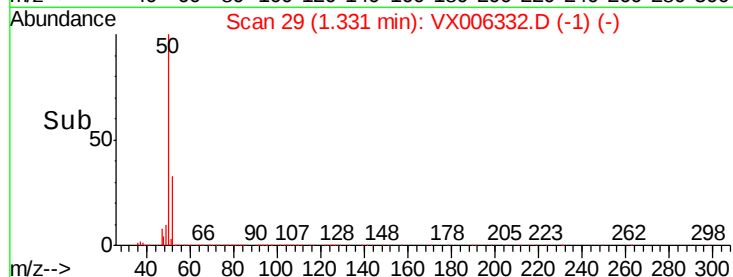
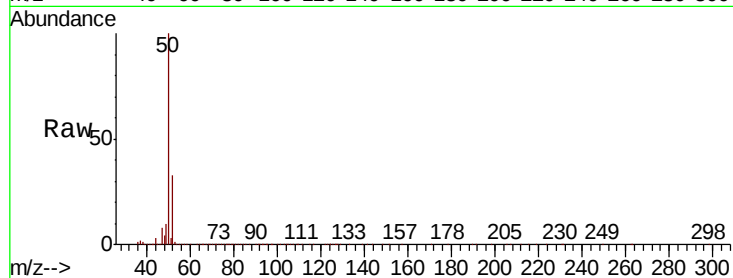




#3
Chloromethane
Concen: 45.656 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

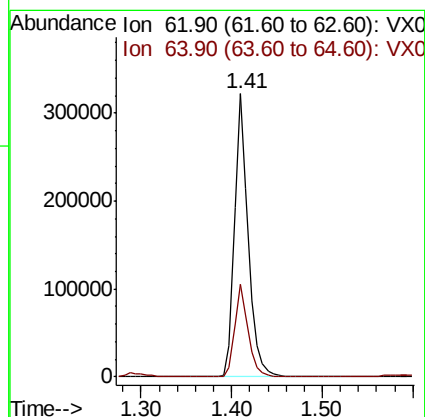
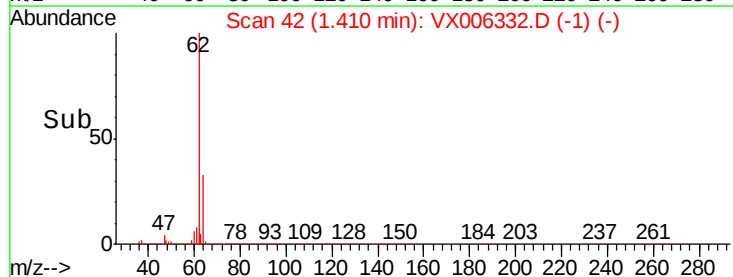
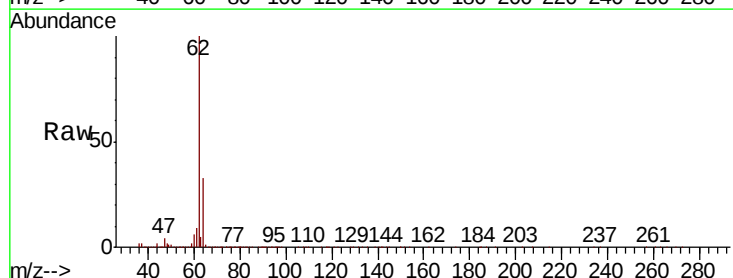
Instrument :
MSVOA_X
ClientSampleId :

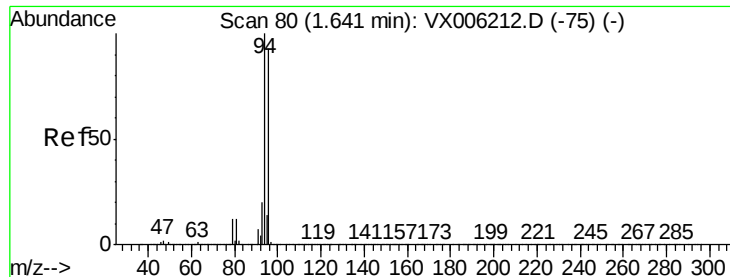
Tot Ion: 50 Resp: 299396
Ion Ratio Lower Upper
50 100
52 32.6 25.2 37.8



#4
Vinyl Chloride
Concen: 47.825 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion: 62 Resp: 337534
Ion Ratio Lower Upper
62 100
64 32.5 24.9 37.3





#5

Bromomethane

Concen: 51.779 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

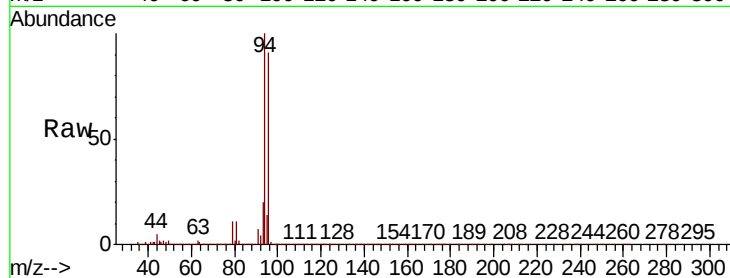
ClientSampleId :

Tot Ion: 94 Resp: 253263

Ion Ratio Lower Upper

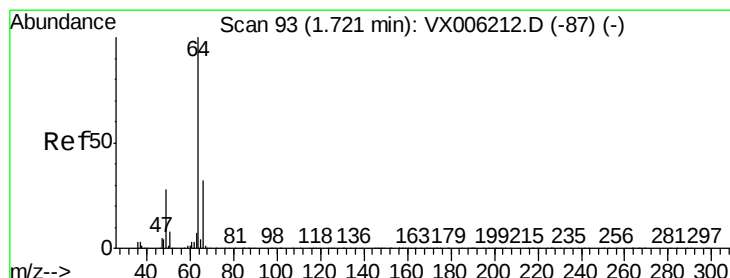
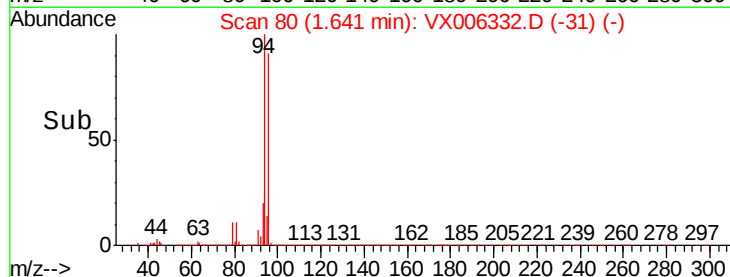
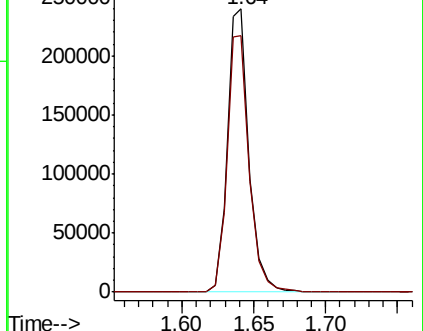
94 100

96 90.8 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.583 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006332.D

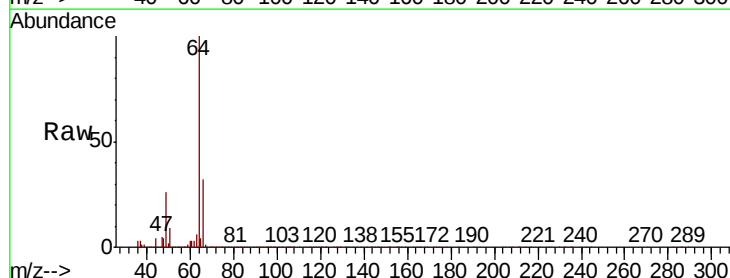
Acq: 06 Dec 2018 21:23

Tgt Ion: 64 Resp: 210232

Ion Ratio Lower Upper

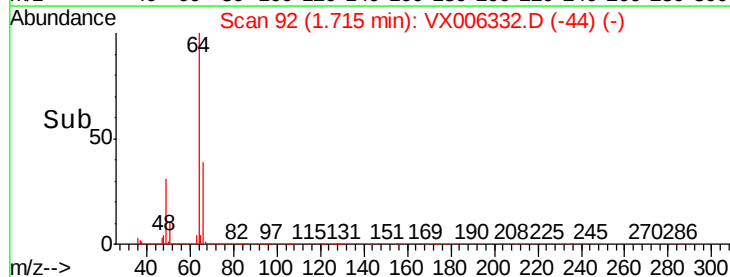
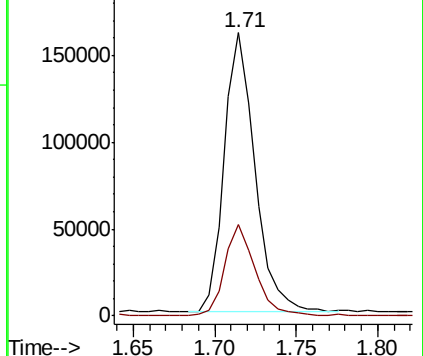
64 100

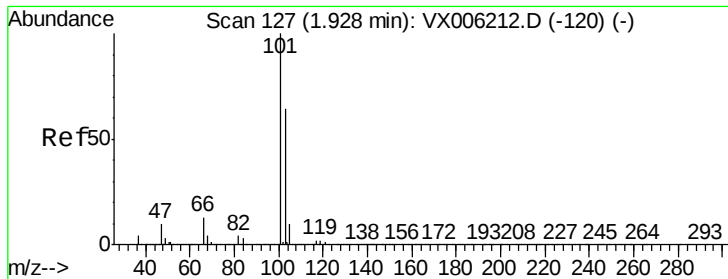
66 32.5 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



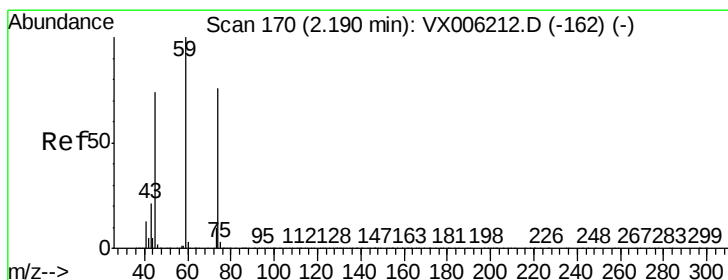
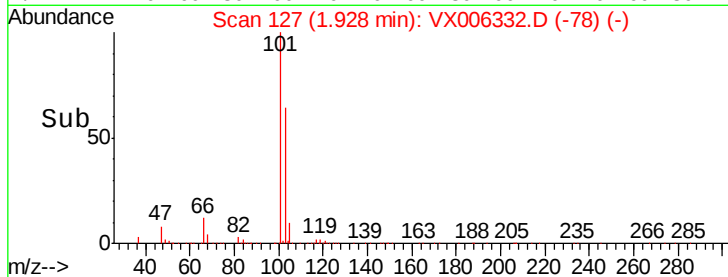
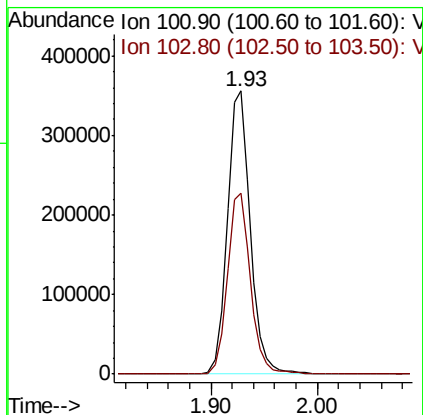
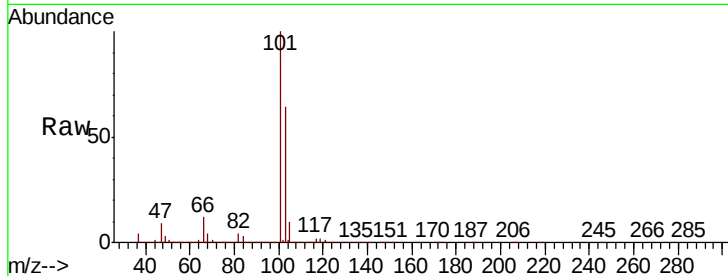


#7

Trichlorofluoromethane
Concen: 49.430 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :

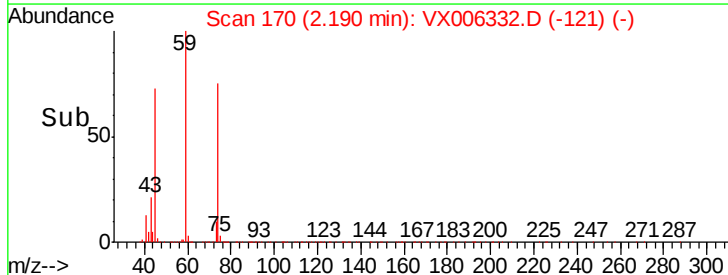
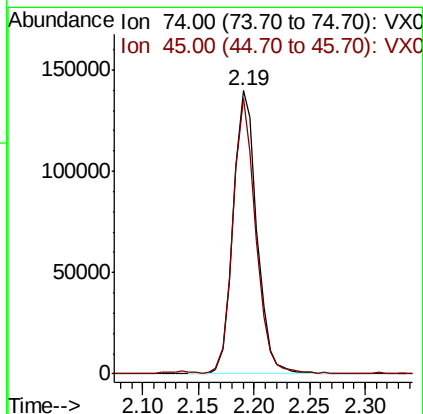
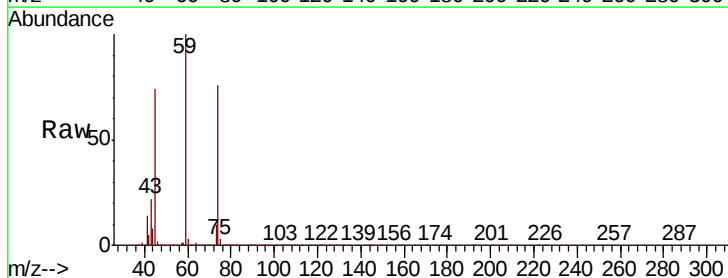
Tot Ion:101 Resp: 535509
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.4

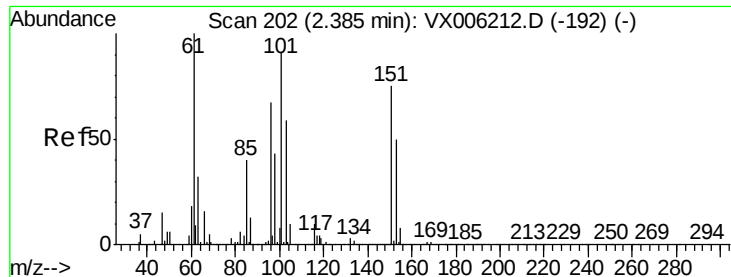


#8

Diethyl Ether
Concen: 49.565 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion: 74 Resp: 203226
Ion Ratio Lower Upper
74 100
45 94.1 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.477 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

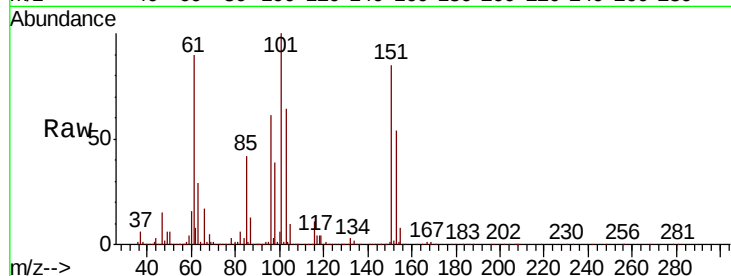
Tot Ion:101 Resp: 304787

Ion Ratio Lower Upper

101 100

85 43.0 35.5 53.3

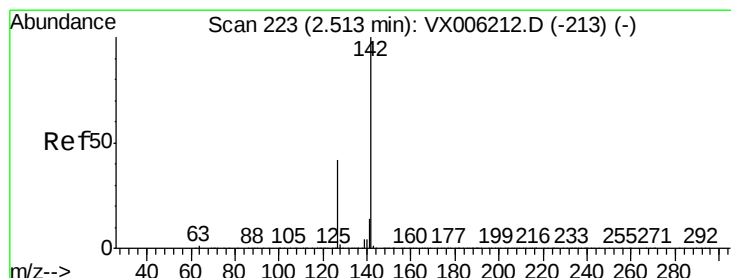
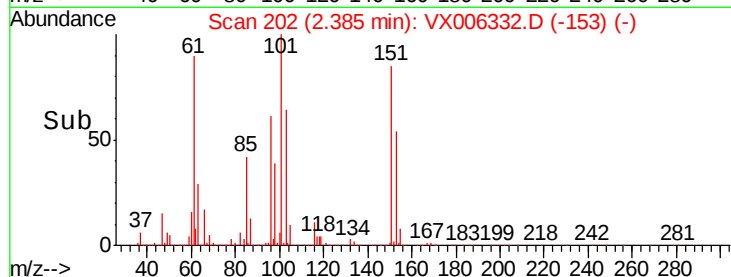
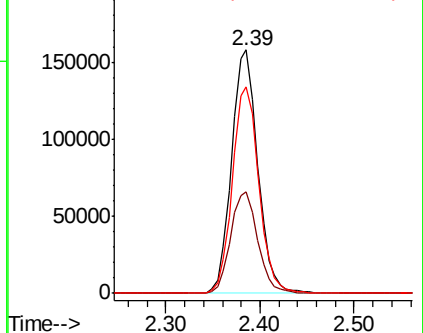
151 85.9 68.6 103.0



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: 46.109 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

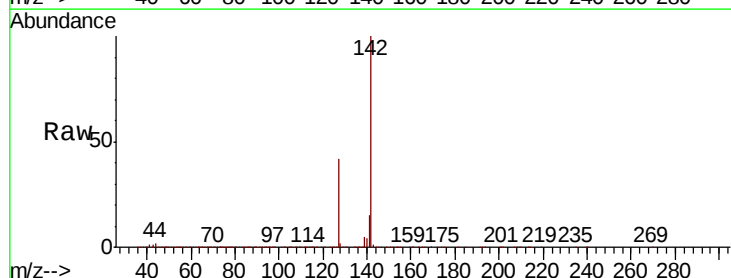
Tgt Ion:142 Resp: 428059

Ion Ratio Lower Upper

142 100

127 42.4 34.8 52.2

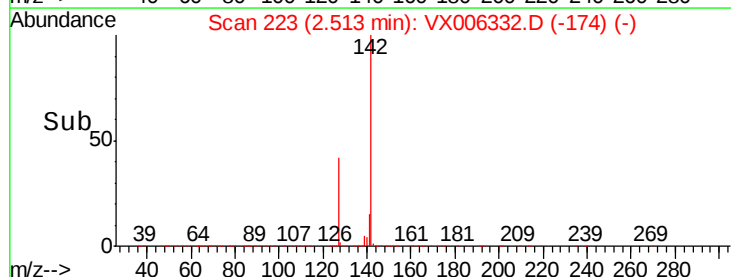
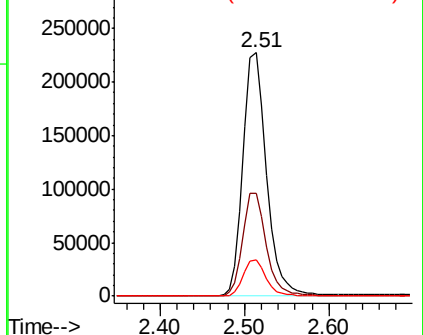
141 14.4 11.4 17.2

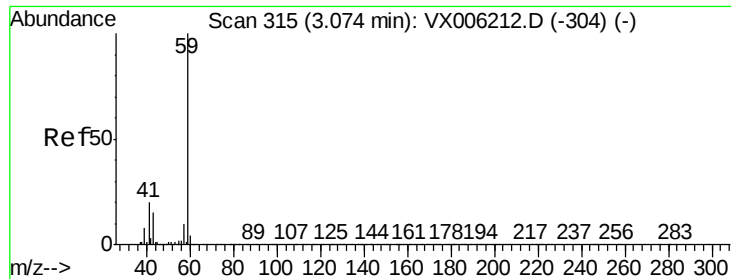


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



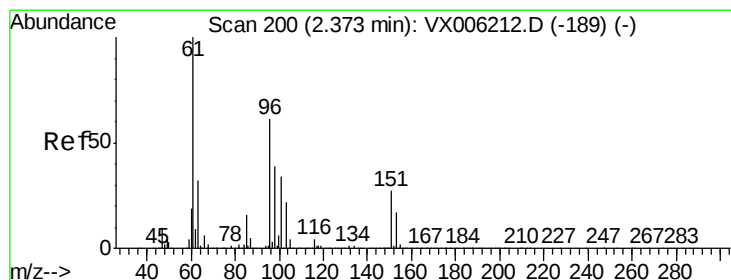
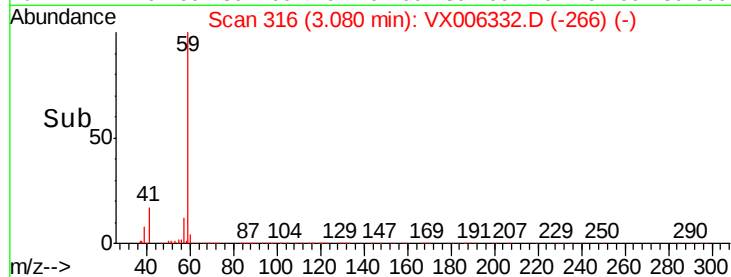
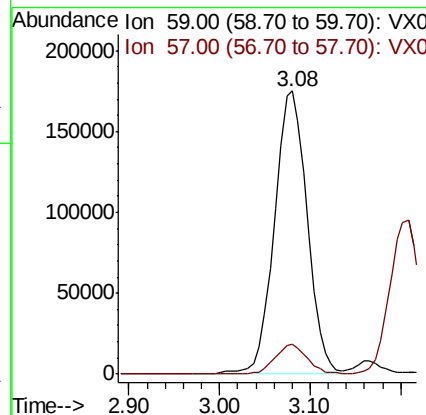
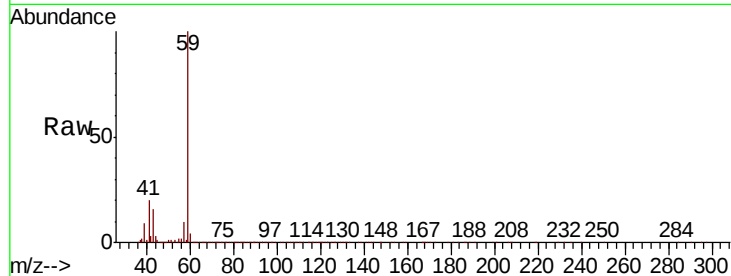


#11

Tert butyl alcohol
Concen: 241.005 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :

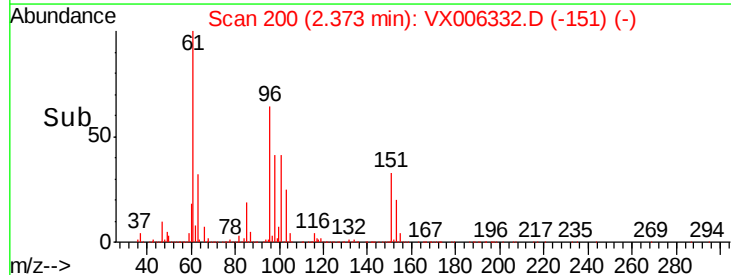
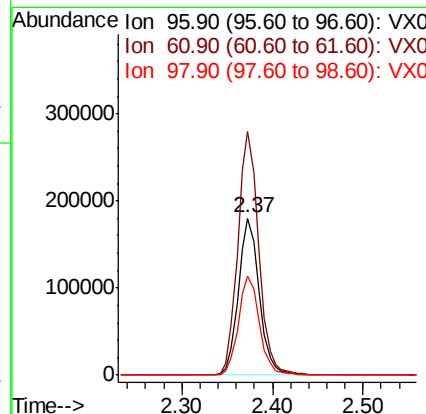
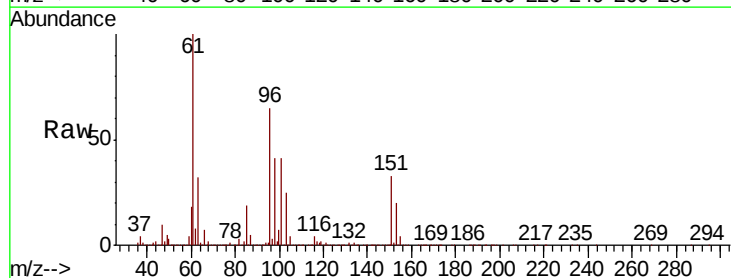
Tot Ion: 59 Resp: 438497
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

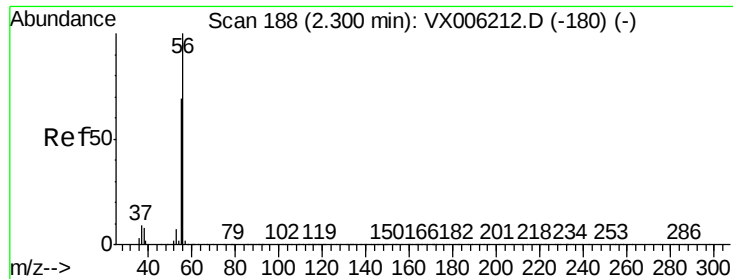


#12

1,1-Dichloroethene
Concen: 48.559 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion: 96 Resp: 286363
Ion Ratio Lower Upper
96 100
61 155.0 131.7 197.5
98 63.2 51.8 77.6

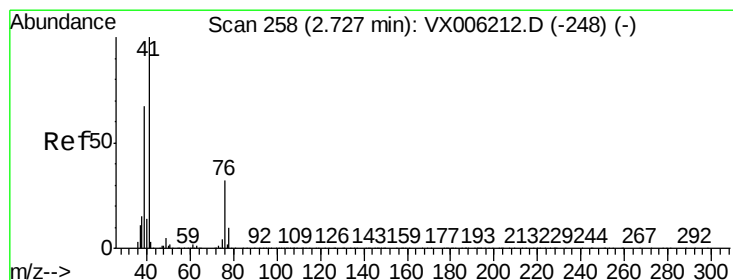
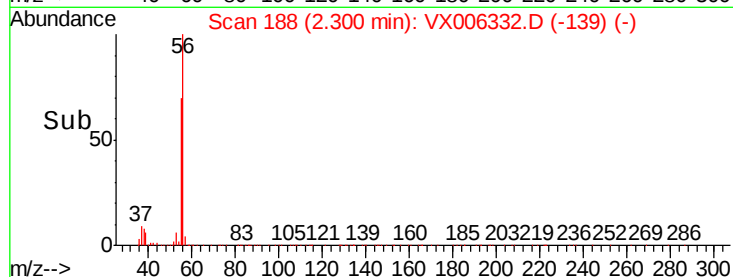
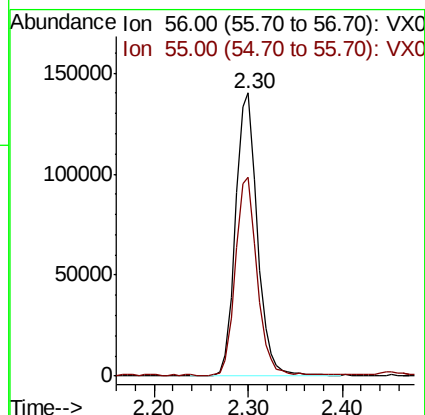
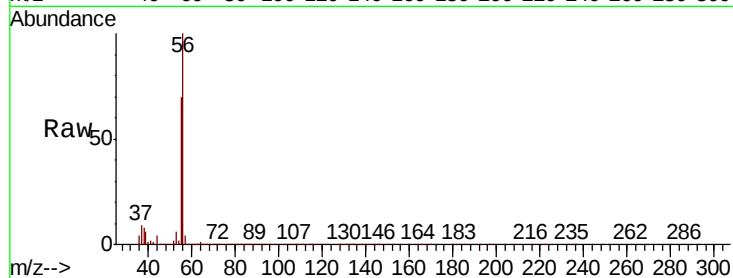




#13
Acrolein
Concen: 226.362 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

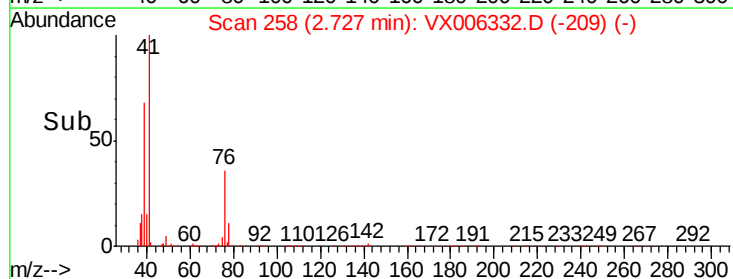
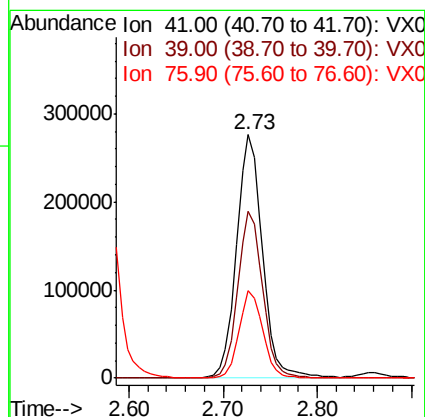
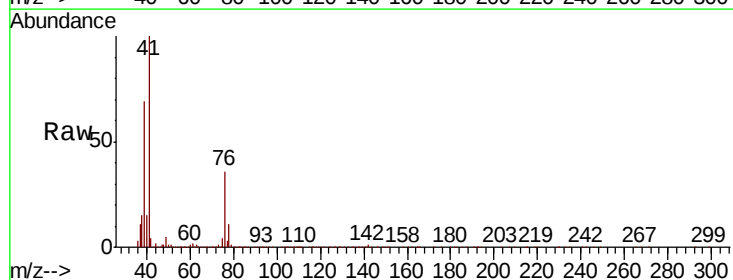
Instrument :
MSVOA_X
ClientSampleId :

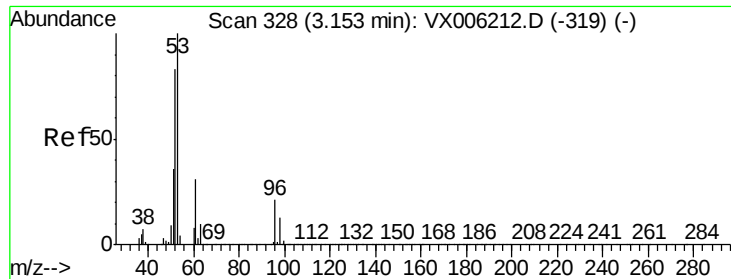
Tot Ion: 56 Resp: 225105
Ion Ratio Lower Upper
56 100
55 69.9 57.8 86.6



#14
Allyl chloride
Concen: 45.098 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion: 41 Resp: 525357
Ion Ratio Lower Upper
41 100
39 65.6 52.4 78.6
76 32.9 25.4 38.0

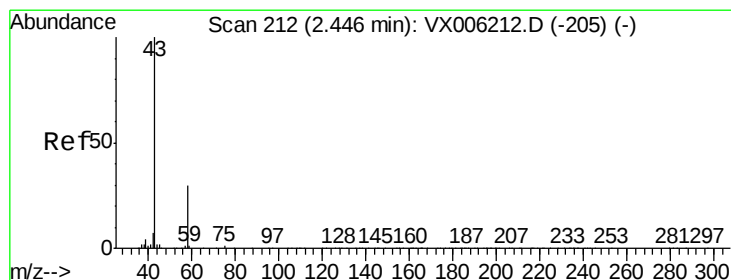
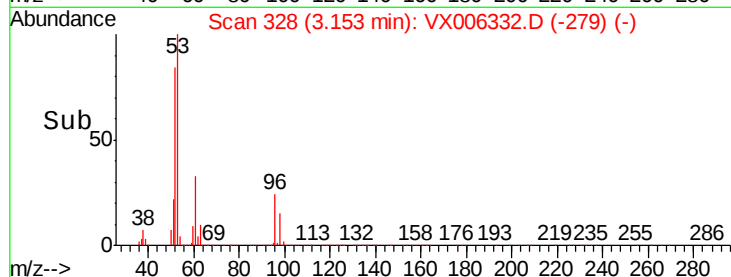
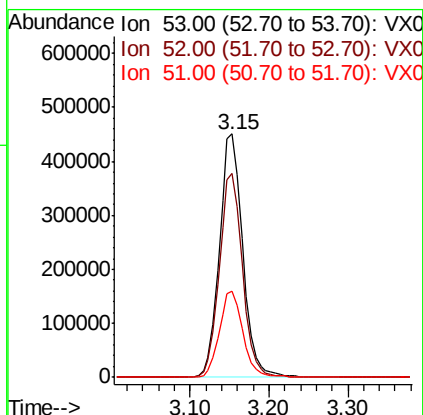
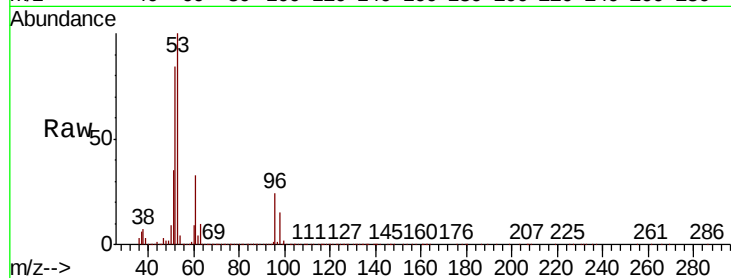




#15
 Acrylonitrile
 Concen: 242.929 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

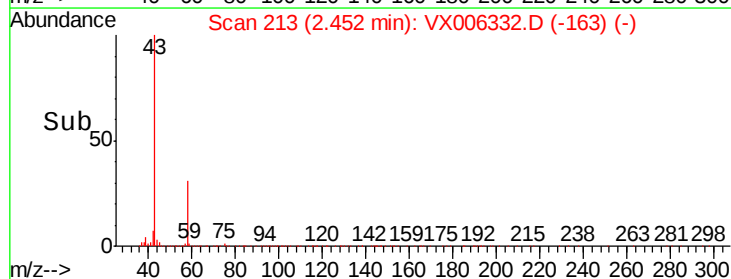
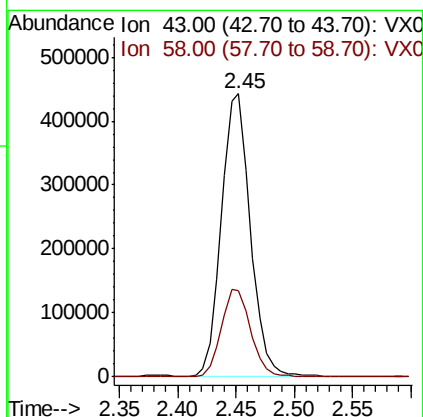
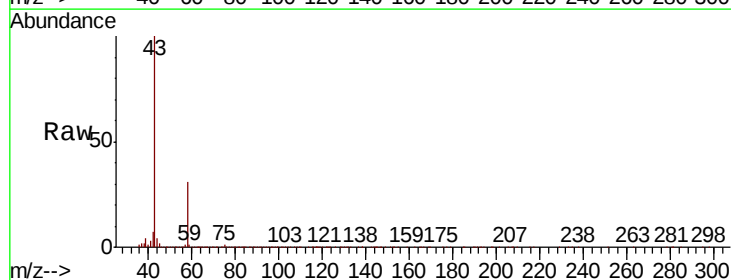
Instrument :
 MSVOA_X
 ClientSampleId :

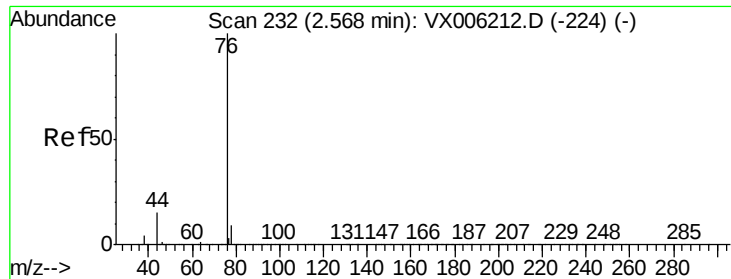
Tot Ion: 53 Resp: 922342
 Ion Ratio Lower Upper
 53 100
 52 83.2 66.2 99.4
 51 35.9 28.7 43.1



#16
 Acetone
 Concen: 242.899 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

Tgt Ion: 43 Resp: 758383
 Ion Ratio Lower Upper
 43 100
 58 30.7 24.0 36.0





#17

Carbon Disulfide

Concen: 43.126 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

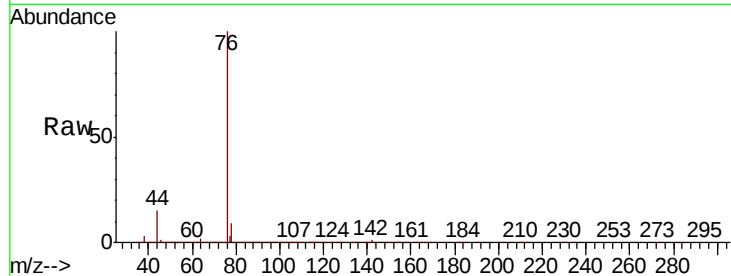
ClientSampleId :

Tot Ion: 76 Resp: 783684

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

500000

400000

300000

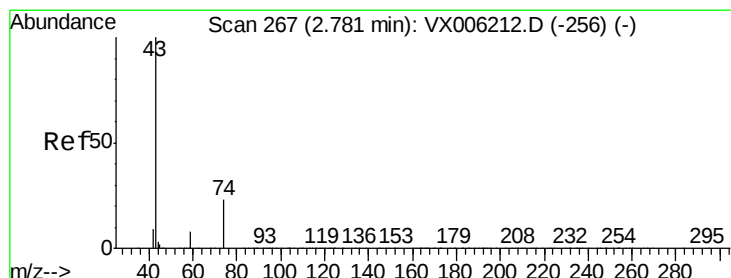
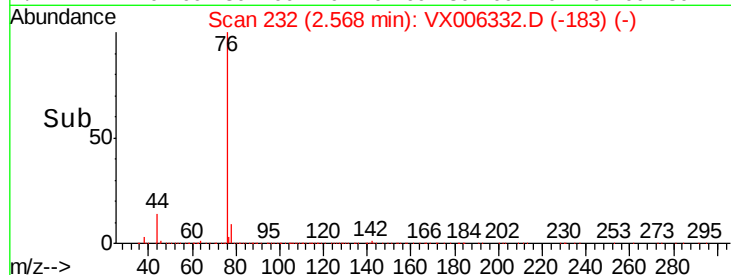
200000

100000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 46.568 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006332.D

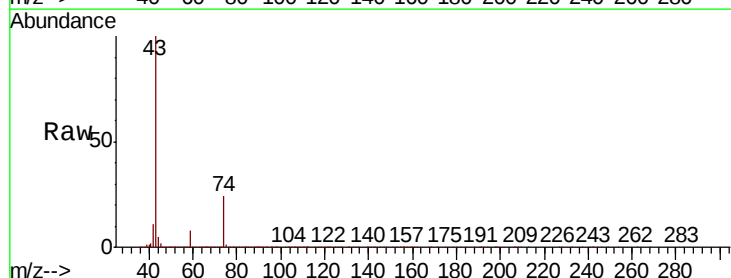
Acq: 06 Dec 2018 21:23

Tgt Ion: 43 Resp: 486235

Ion Ratio Lower Upper

43 100

74 23.6 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

300000

250000

200000

150000

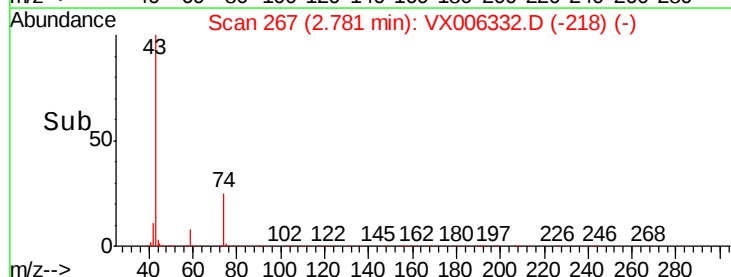
100000

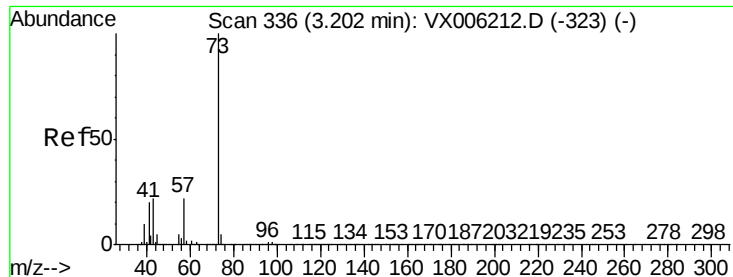
50000

0

Time-->

2.70 2.80 2.90



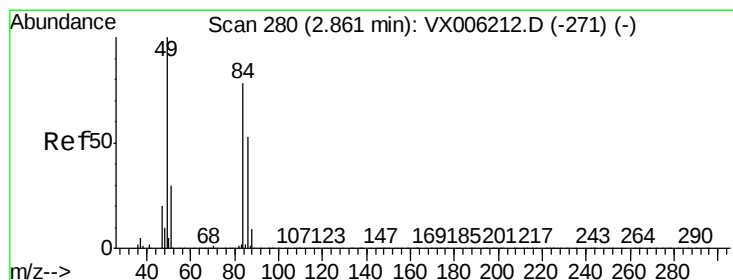
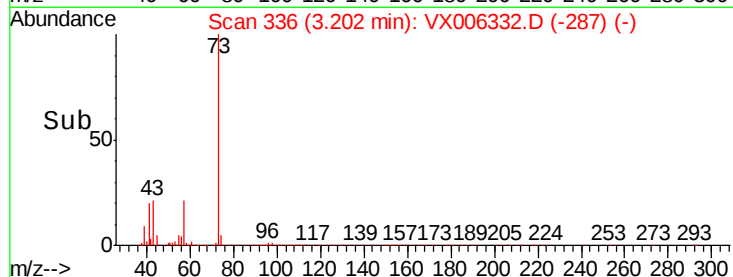
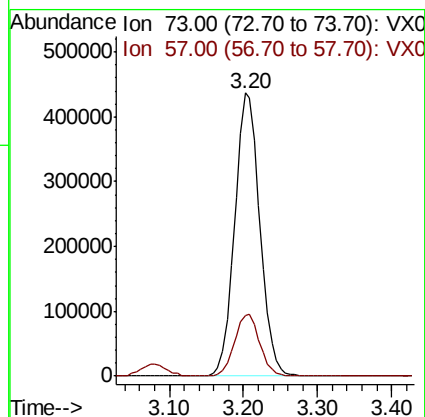
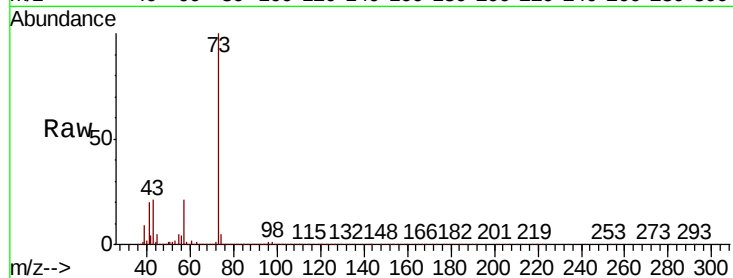


#19

Methyl tert-butyl Ether
Concen: 49.125 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :

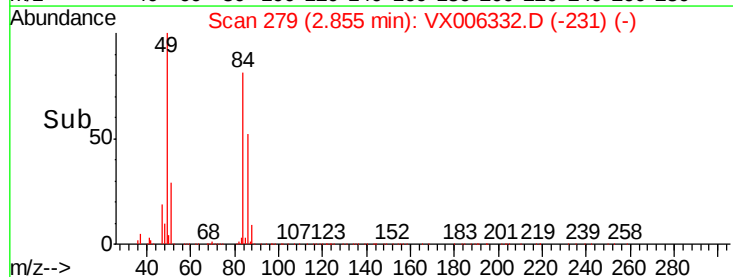
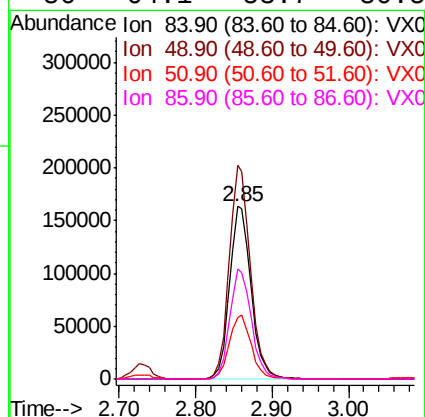
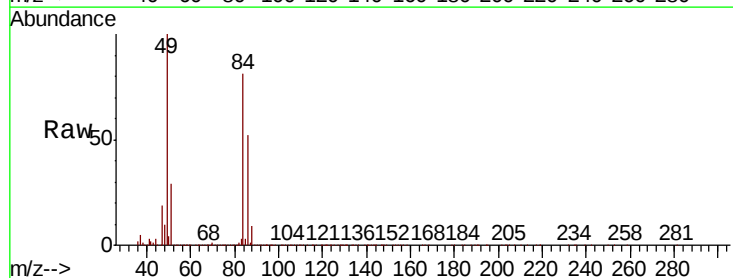
Tot Ion: 73 Resp: 1033462
Ion Ratio Lower Upper
73 100
57 21.4 17.5 26.3



#20

Methylene Chloride
Concen: 47.694 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion: 84 Resp: 316919
Ion Ratio Lower Upper
84 100
49 123.7 102.2 153.4
51 35.6 31.1 46.7
86 64.1 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 47.952 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

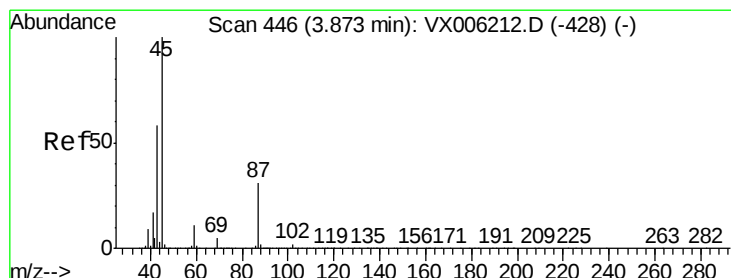
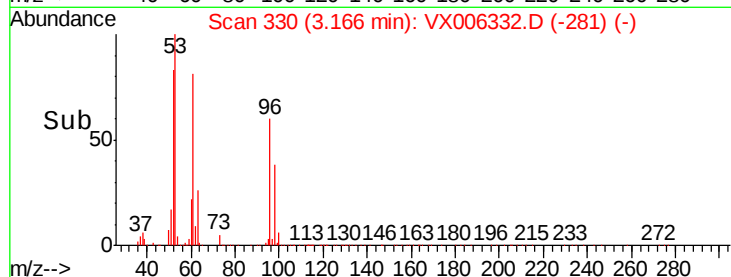
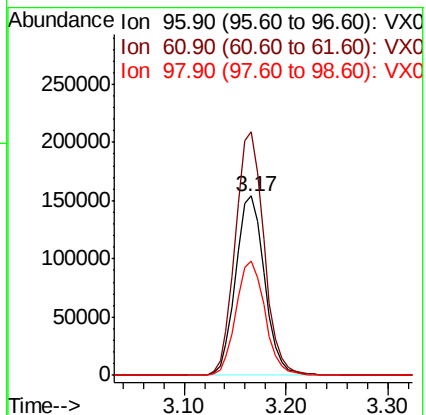
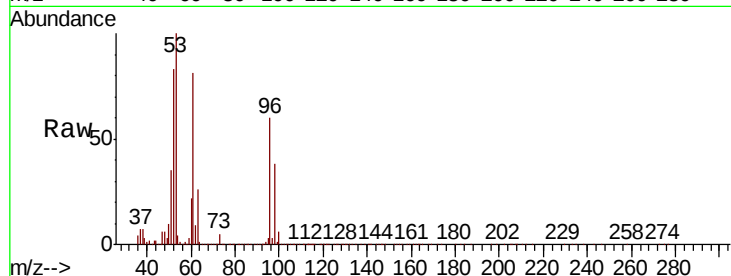
Tot Ion: 96 Resp: 301351

Ion Ratio Lower Upper

96 100

61 135.9 113.3 169.9

98 63.5 53.2 79.8



#22

Diisopropyl ether

Concen: 49.699 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Tgt Ion: 45 Resp: 904313

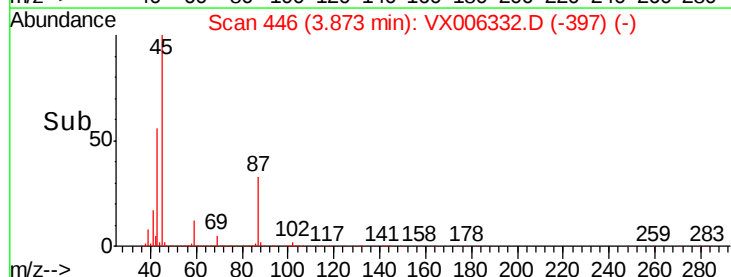
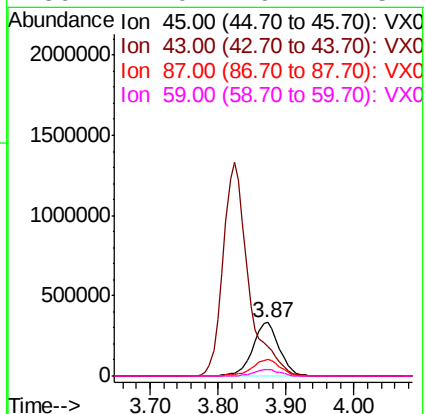
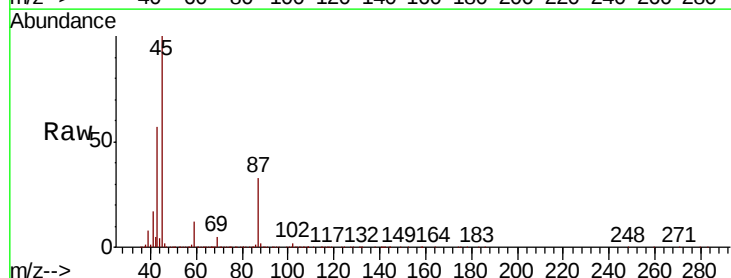
Ion Ratio Lower Upper

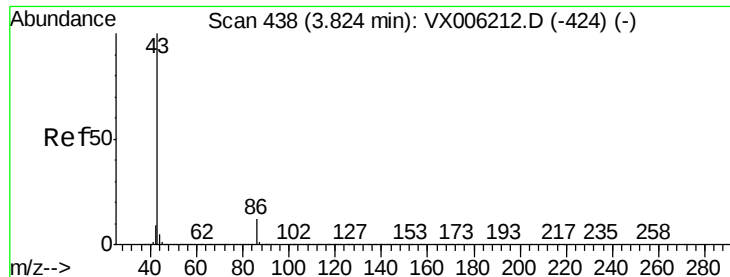
45 100

43 56.5 46.2 69.2

87 32.5 24.9 37.3

59 12.0 9.1 13.7





#23

Vinyl Acetate

Concen: 223.076 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

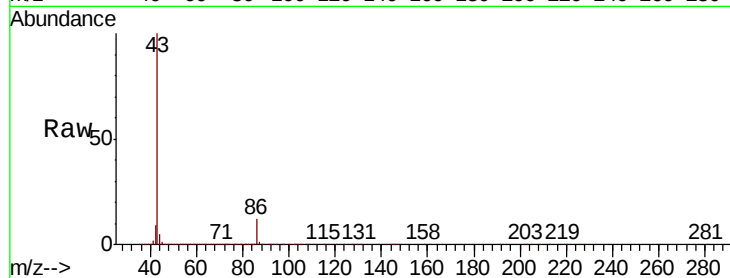
ClientSampled :

Tot Ion: 43 Resp: 3462002

Ion Ratio Lower Upper

43 100

86 11.7 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1500000

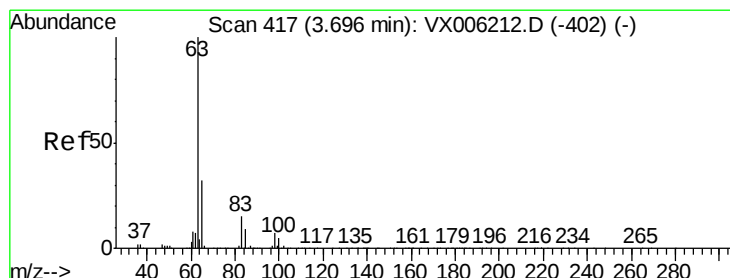
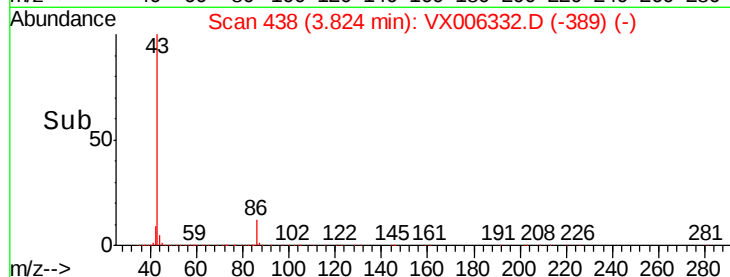
1000000

500000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 51.039 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

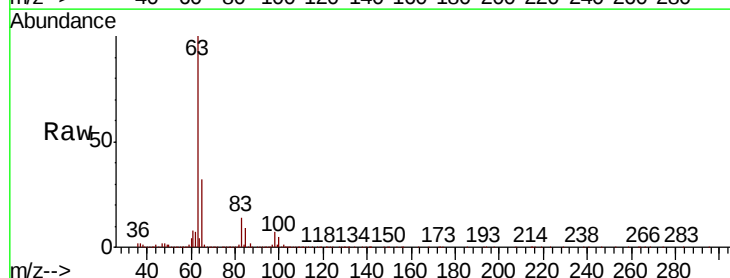
Tgt Ion: 63 Resp: 530814

Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.4

100 4.8 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

300000

250000

200000

150000

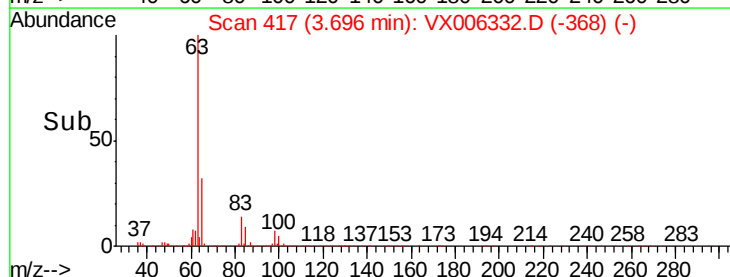
100000

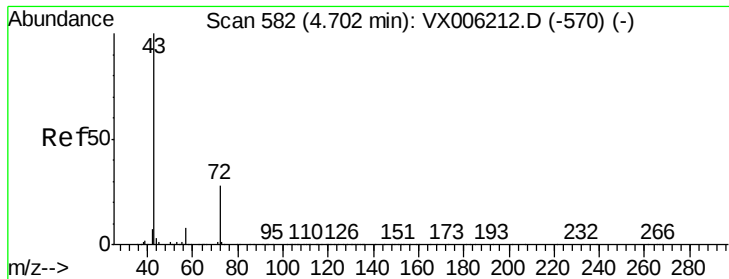
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 250.319 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

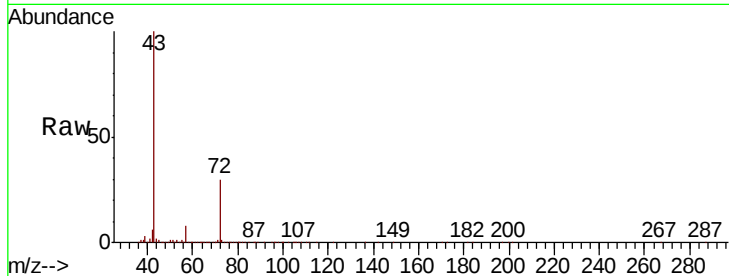
ClientSampled :

Tot Ion: 43 Resp: 1115161

Ion Ratio Lower Upper

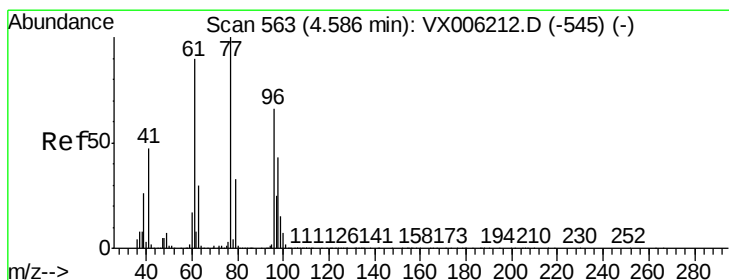
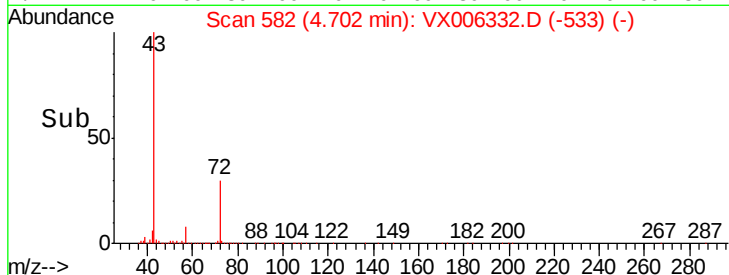
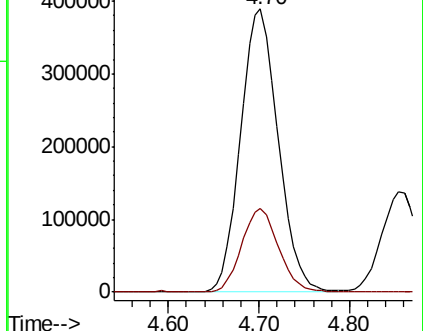
43 100

72 29.6 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: 41.375 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006332.D

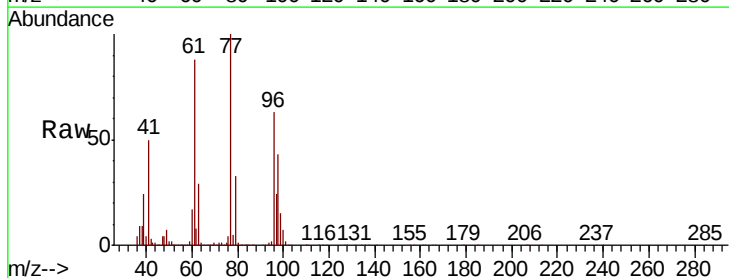
Acq: 06 Dec 2018 21:23

Tgt Ion: 77 Resp: 397125

Ion Ratio Lower Upper

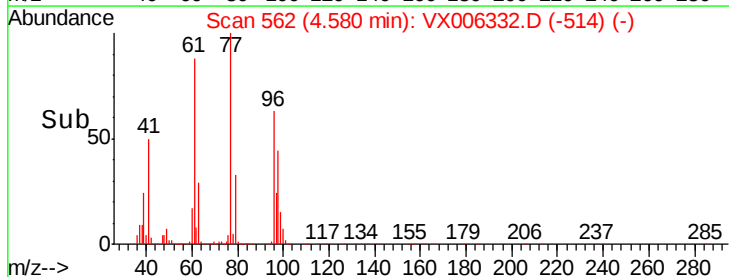
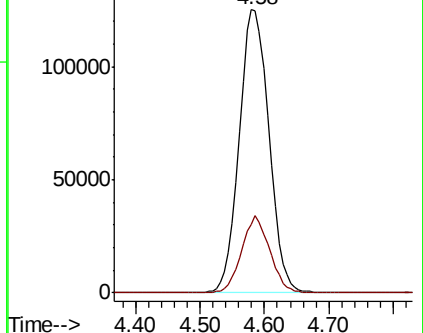
77 100

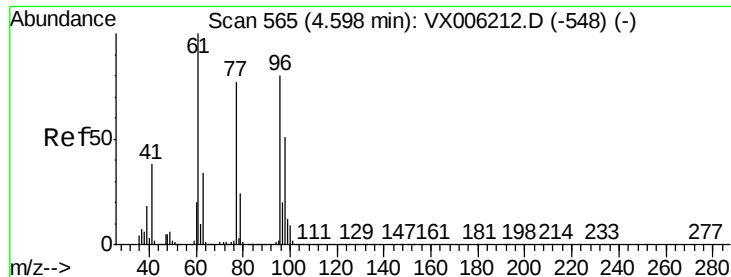
97 25.8 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



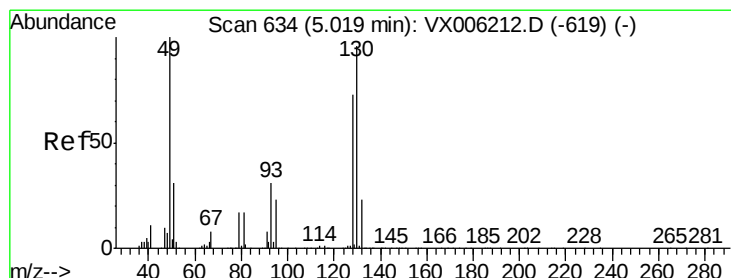
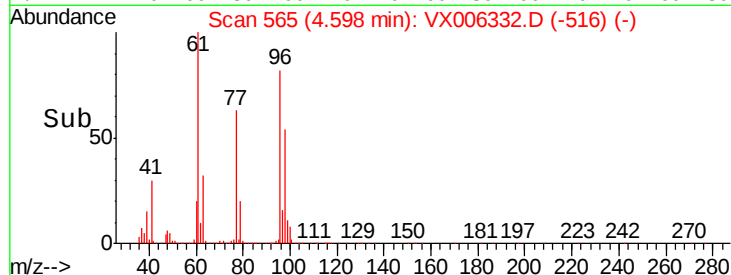
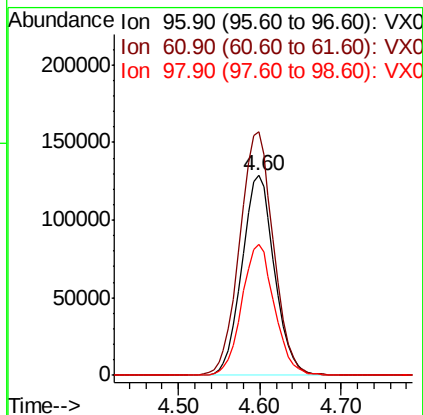
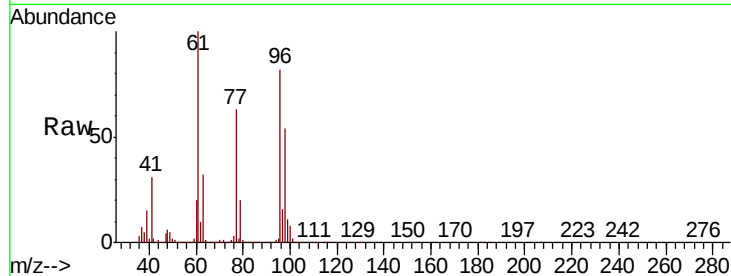


#27

cis-1,2-Dichloroethene
Concen: 50.957 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :

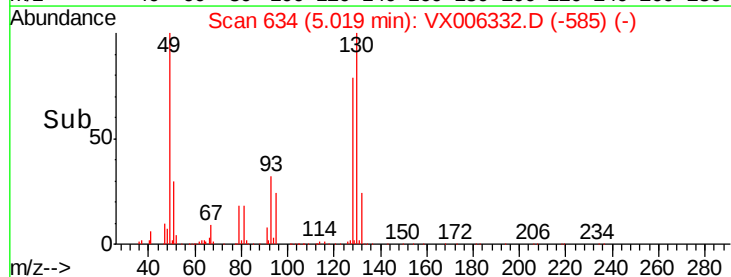
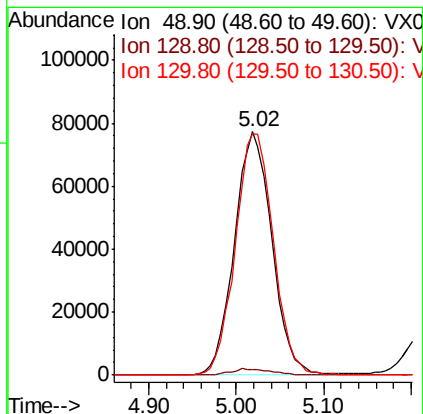
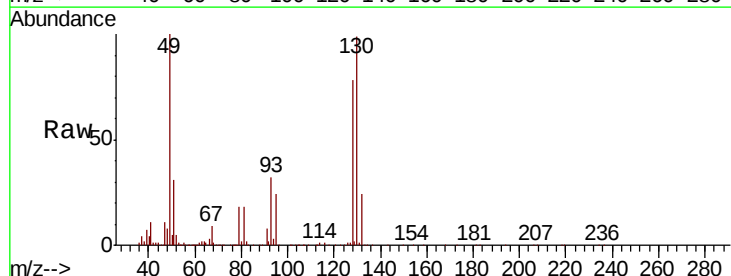
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.8	0.0	265.0
98	65.6	0.0	130.2

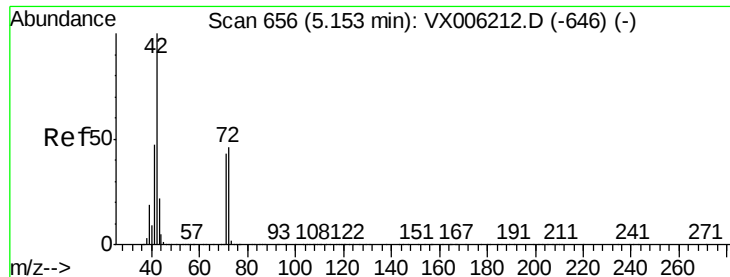


#28

Bromochloromethane
Concen: 50.595 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	100.7	78.3	117.5

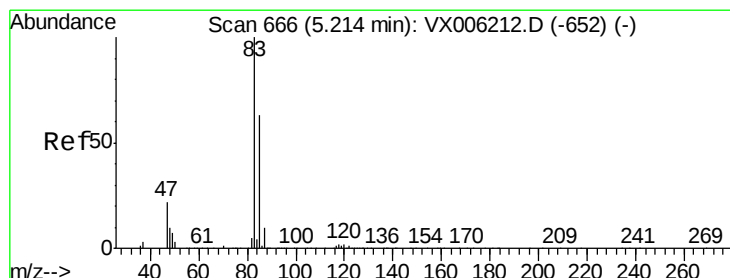
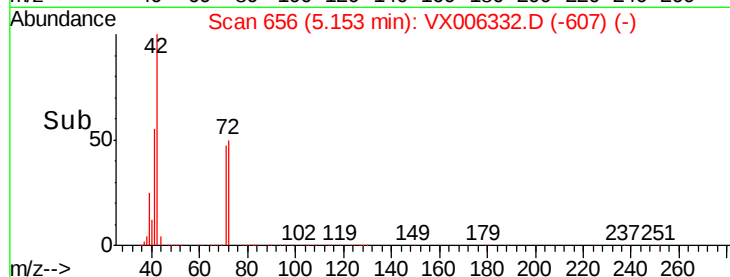
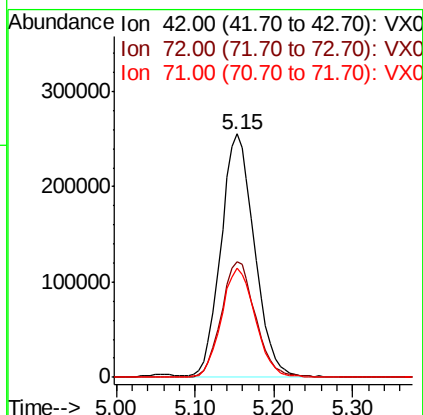
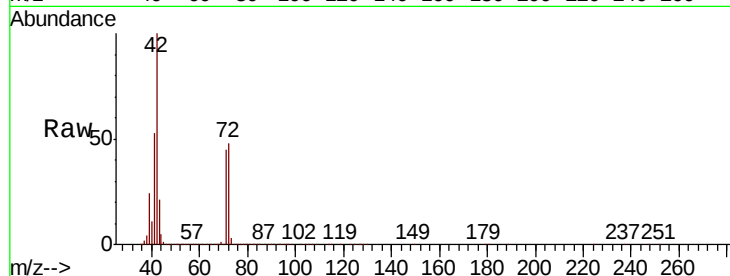




#29
Tetrahydrofuran
Concen: 243.755 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

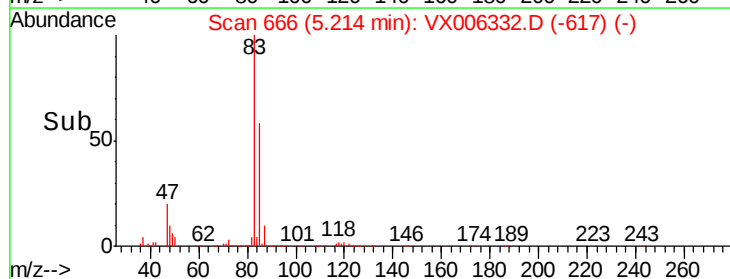
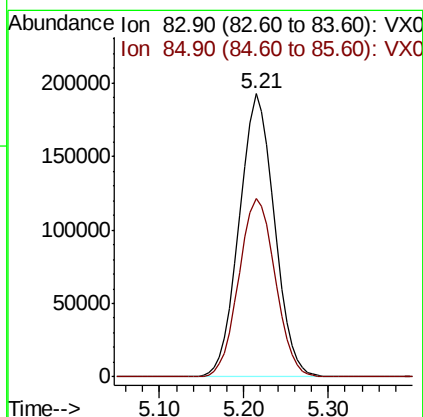
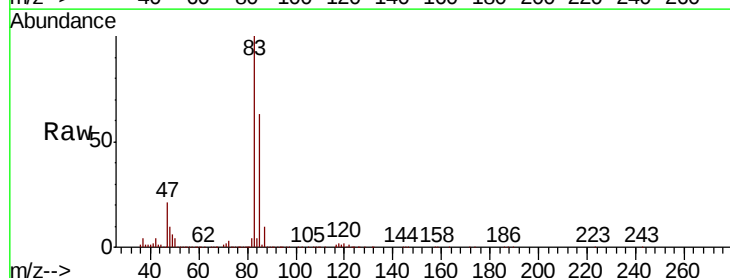
Instrument :
MSVOA_X
ClientSampleId :

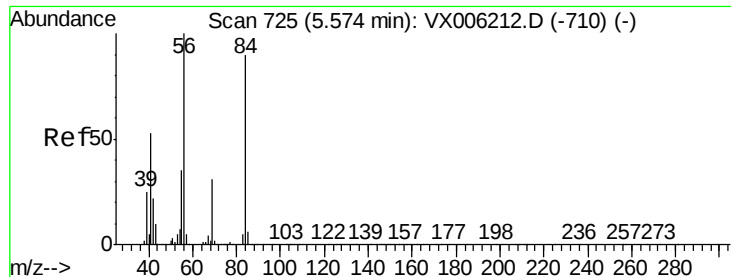
Tot Ion: 42 Resp: 754714
Ion Ratio Lower Upper
42 100
72 48.6 37.8 56.8
71 45.4 35.2 52.8



#30
Chloroform
Concen: 49.840 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion: 83 Resp: 544713
Ion Ratio Lower Upper
83 100
85 63.1 50.3 75.5

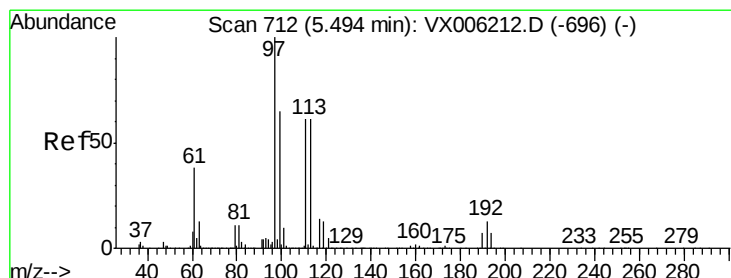
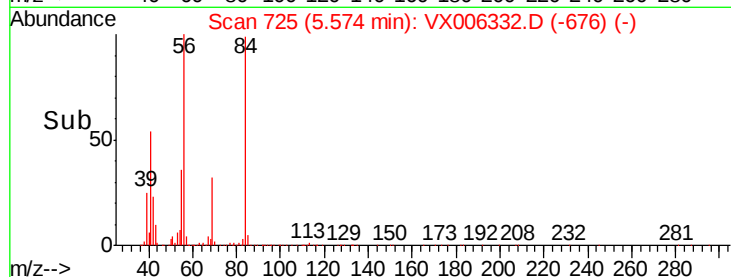
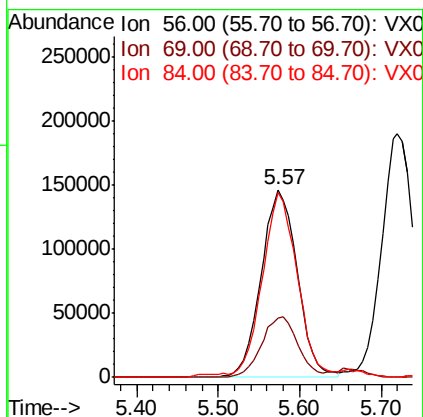
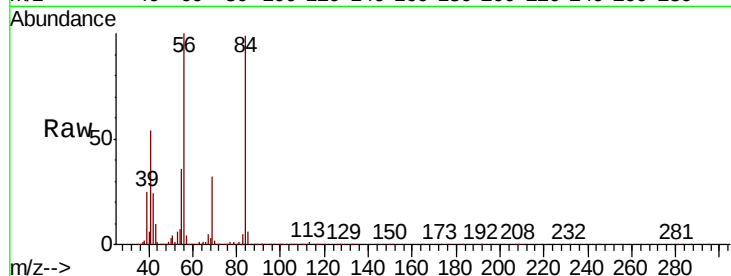




#31
Cyclohexane
Concen: 46.623 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

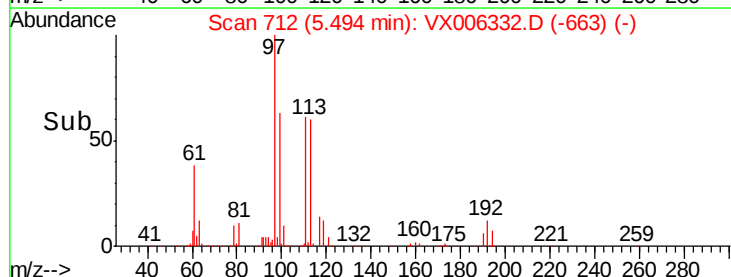
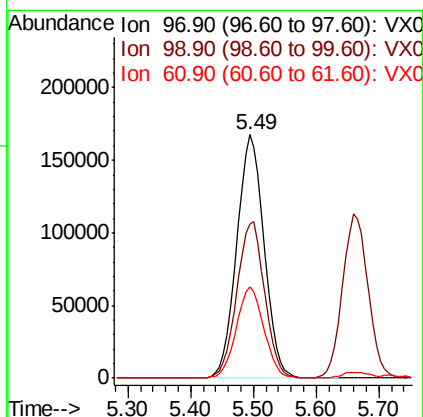
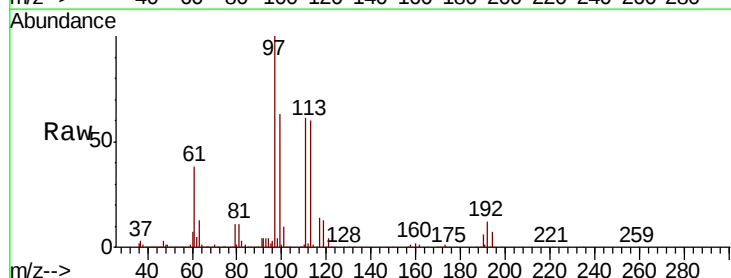
Instrument :
MSVOA_X
ClientSampleId :

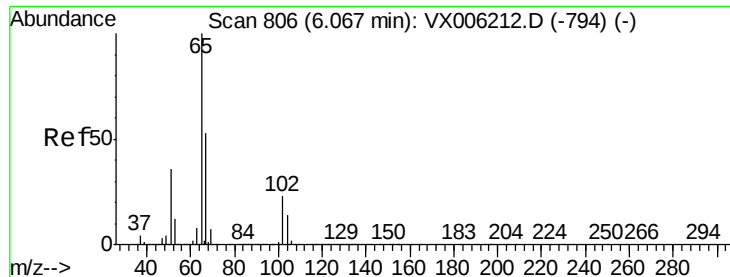
Tot Ion: 56 Resp: 448114
Ion Ratio Lower Upper
56 100
69 31.7 24.5 36.7
84 98.3 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 48.631 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion: 97 Resp: 505703
Ion Ratio Lower Upper
97 100
99 65.3 51.6 77.4
61 37.9 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 48.721 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

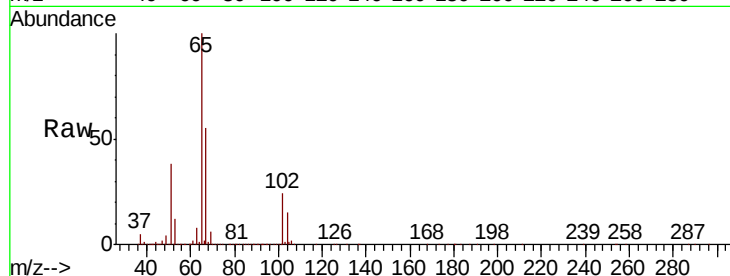
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 65 Resp: 324145

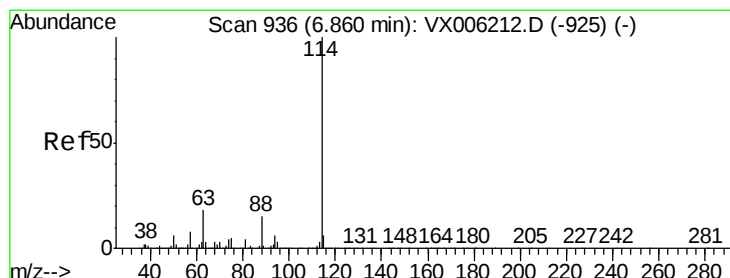
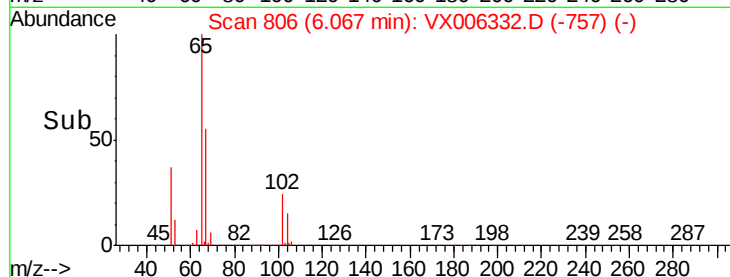
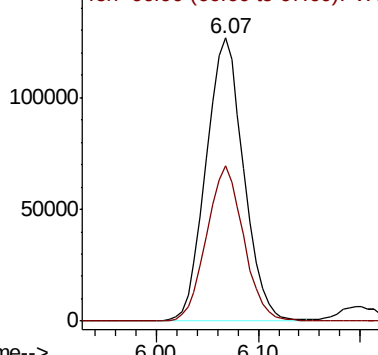
Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

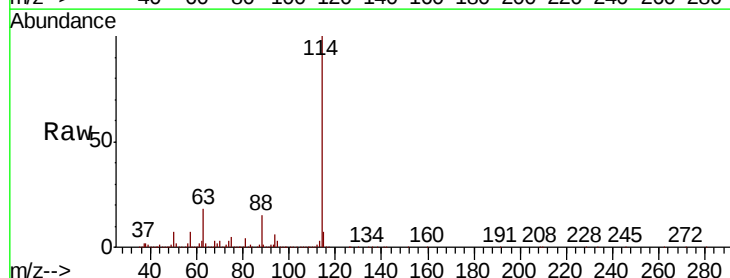
Tgt Ion: 114 Resp: 976547

Ion Ratio Lower Upper

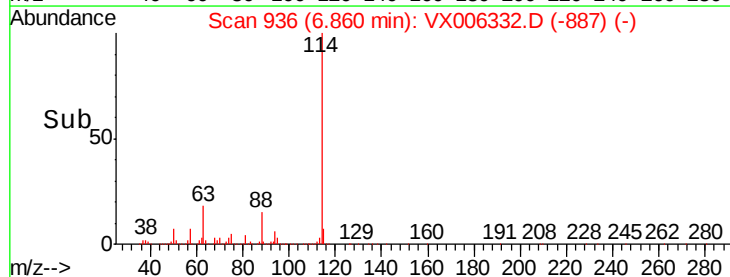
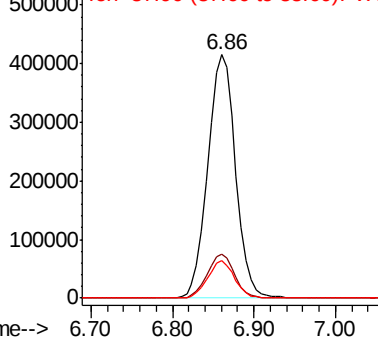
114 100

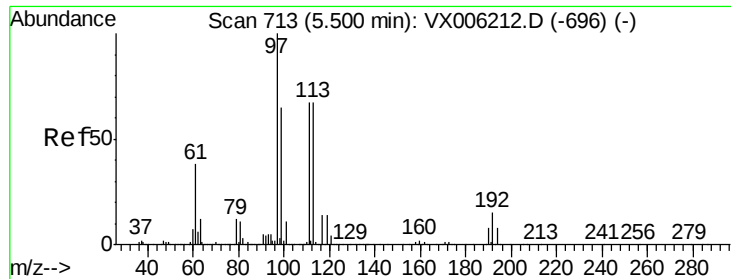
63 17.9 0.0 36.6

88 15.2 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

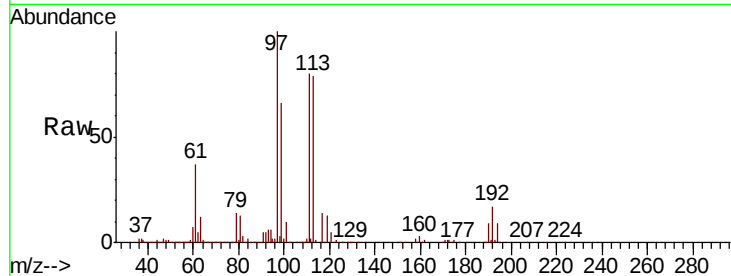




#35
 Dibromofluoromethane
 Concen: 50.448 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.1	121.7
192	22.3	18.2	27.2

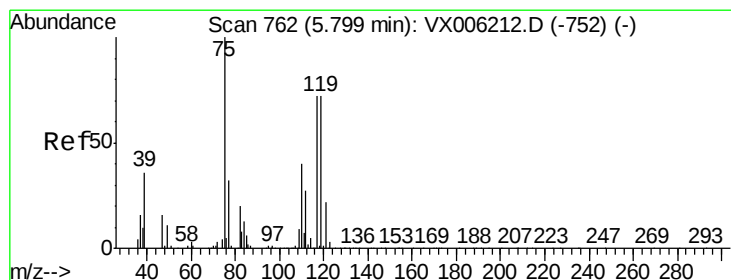
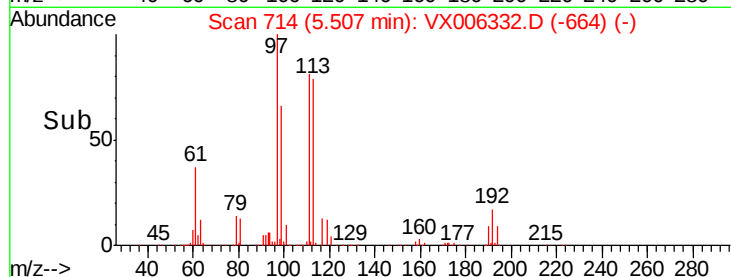
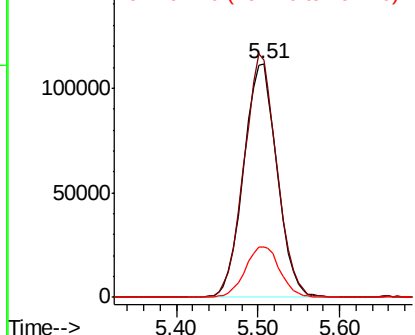


Abundance

Ion 112.80 (112.50 to 113.50): V

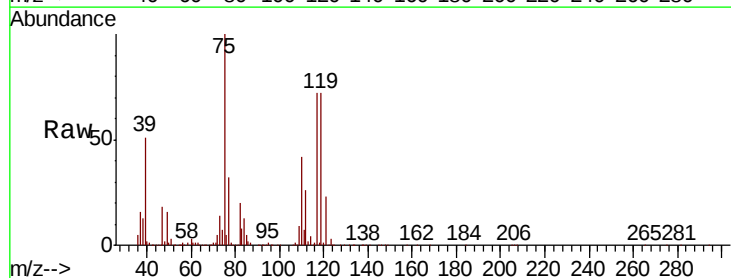
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 47.766 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	41.6	20.4	61.3
77	31.2	24.9	37.3

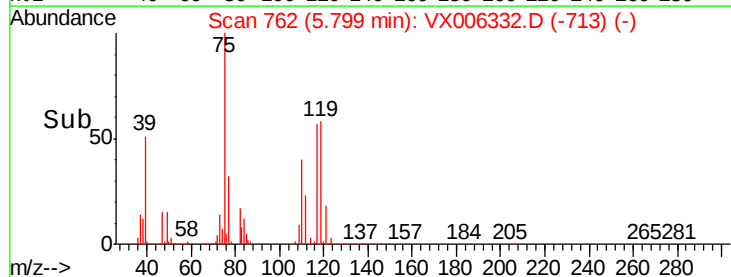
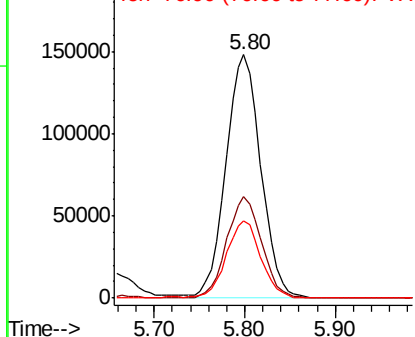


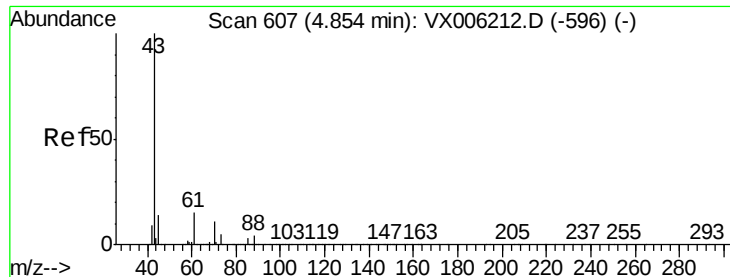
Abundance

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

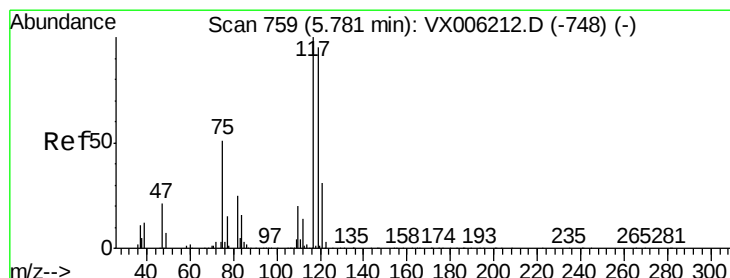
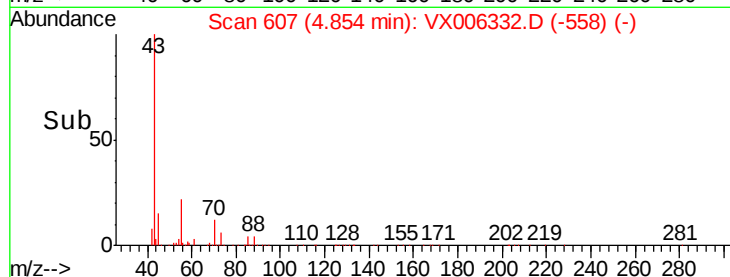
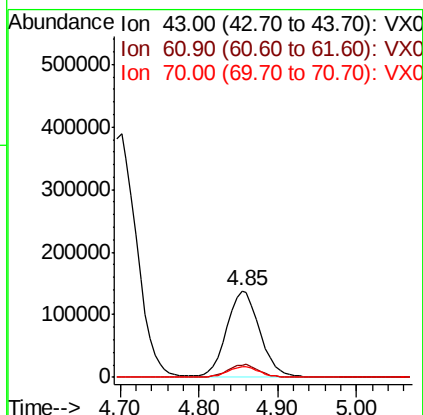
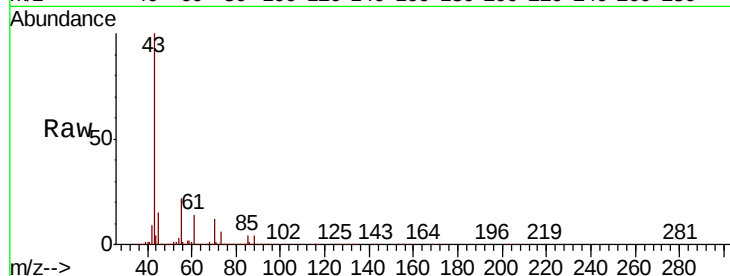




#37
Ethyl Acetate
Concen: 43.704 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

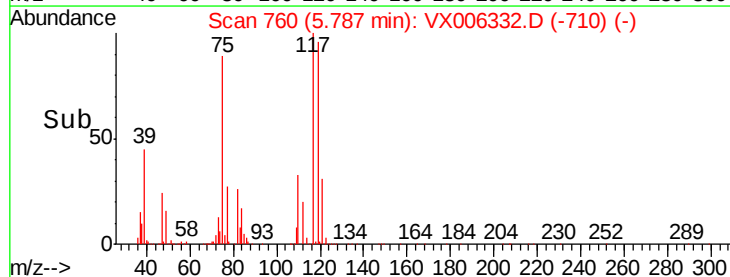
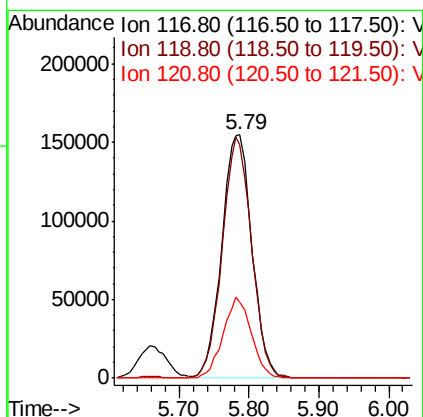
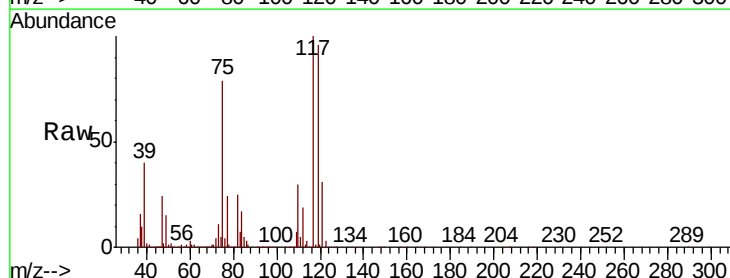
Instrument :
MSVOA_X
ClientSampleId :

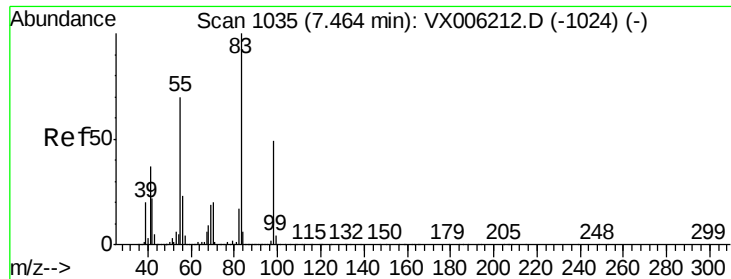
Tot Ion: 43 Resp: 402486
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 12.0 9.0 13.6



#38
Carbon Tetrachloride
Concen: 47.772 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion: 117 Resp: 462161
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.8
121 31.1 24.6 37.0

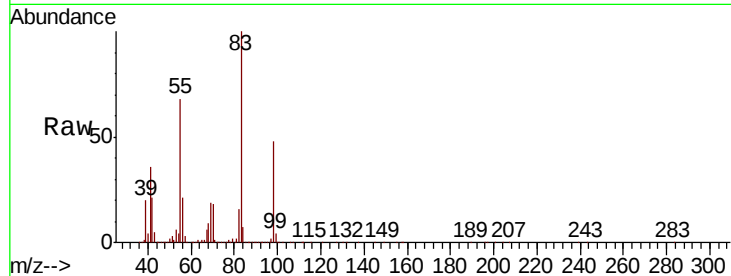




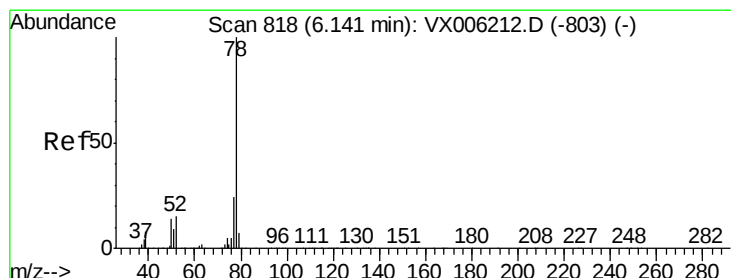
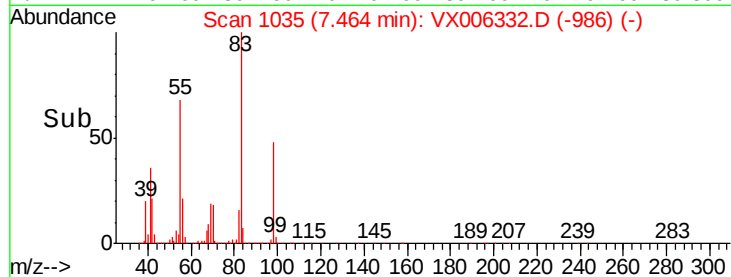
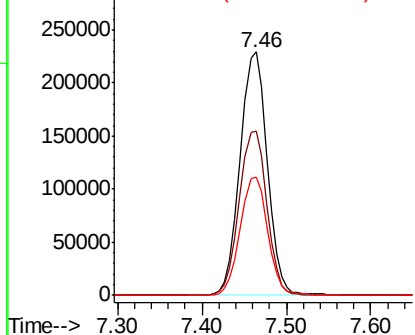
#39
Methvlcvclohexane
Concen: 47.046 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 502191
Ion Ratio Lower Upper
83 100
55 67.7 56.4 84.6
98 48.5 39.0 58.6

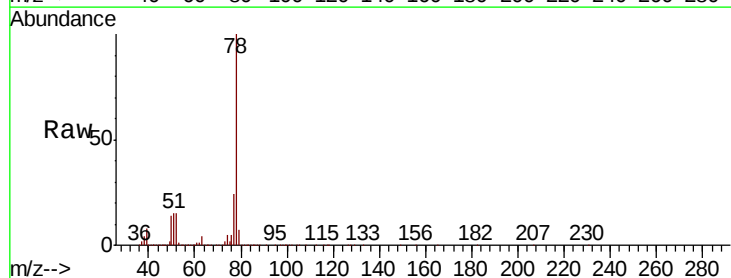


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

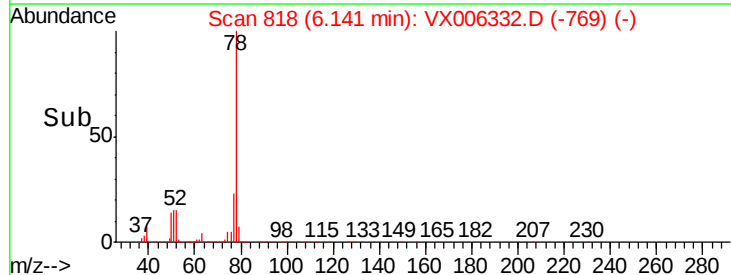
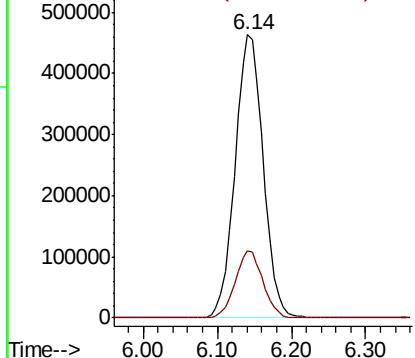


#40
Benzene
Concen: 49.809 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion: 78 Resp: 1226813
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8



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

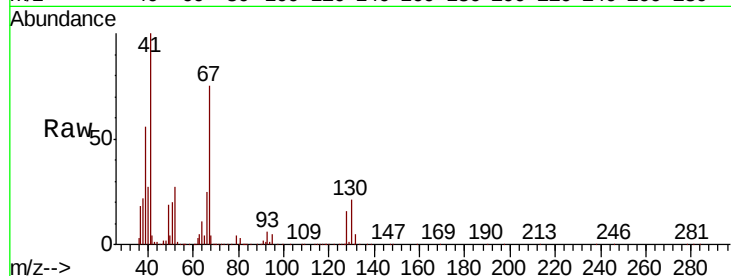




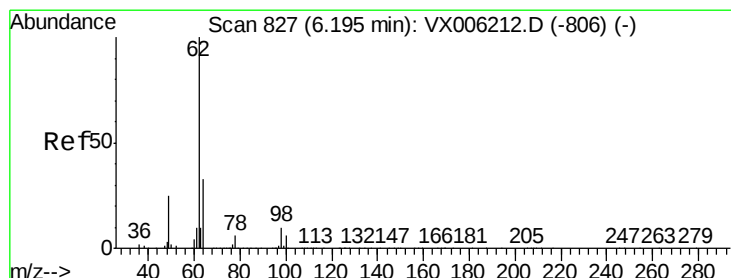
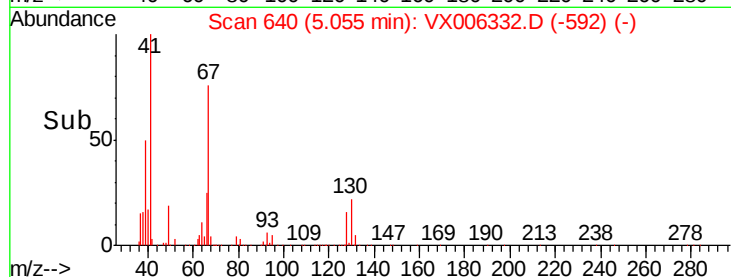
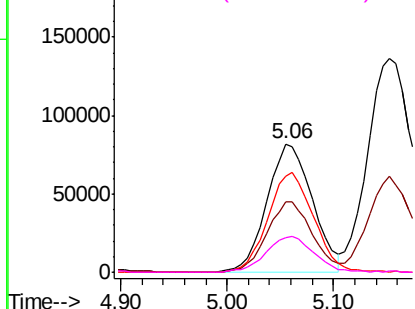
#41
Methacrylonitrile
Concen: 47.475 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	240576
Ion	Ratio	Lower	Upper
41	100		
39	54.6	44.0	66.0
67	78.4	61.4	92.0
52	28.9	23.5	35.3

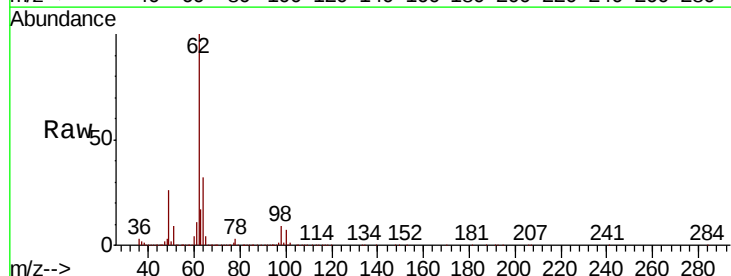


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

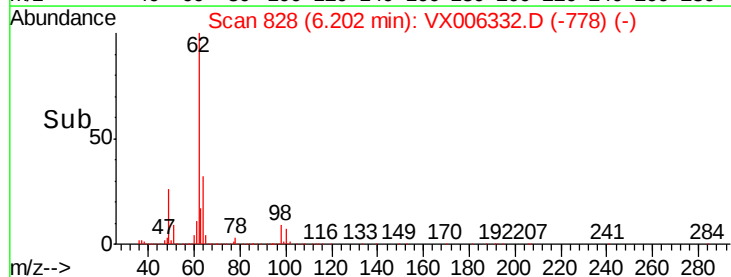
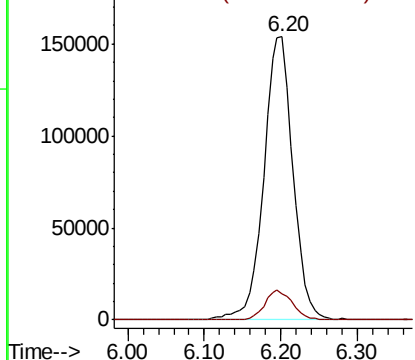


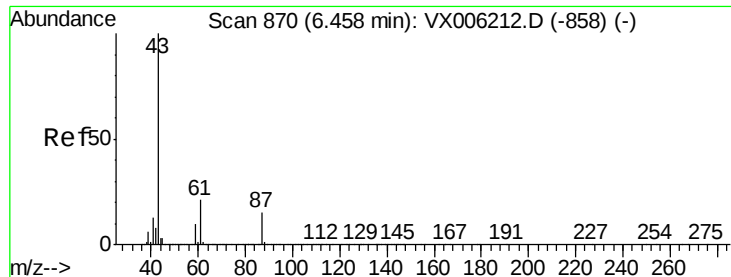
#42
1,2-Dichloroethane
Concen: 50.396 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion:	62	Resp:	406241
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



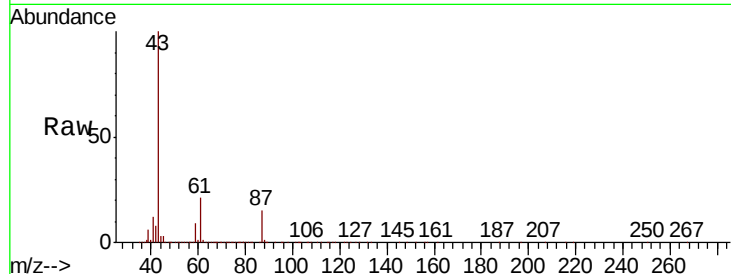


#43

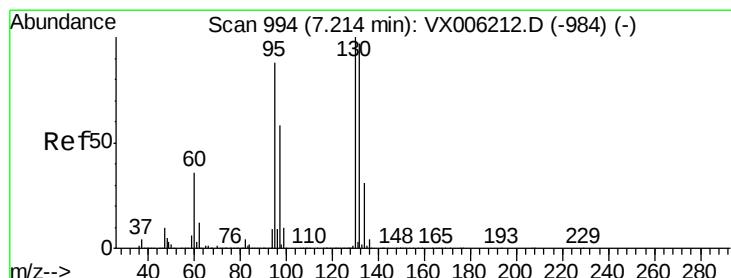
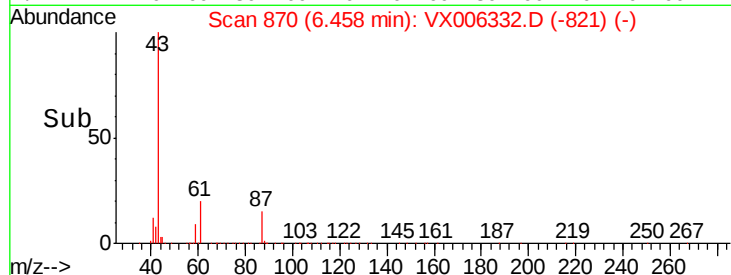
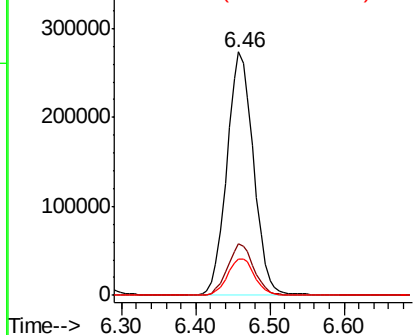
Isopropyl Acetate
 Concen: 44.443 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.8	25.2
87	15.3	11.9	17.9



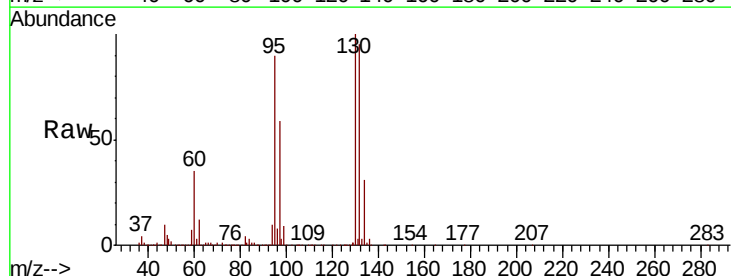
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



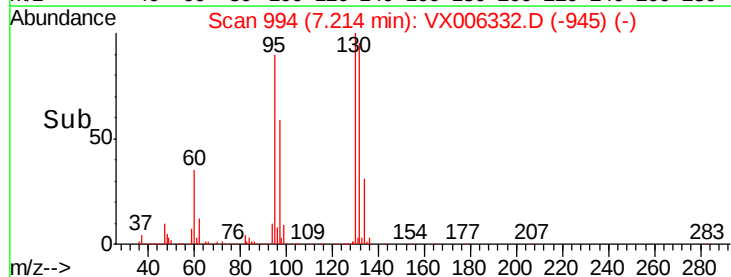
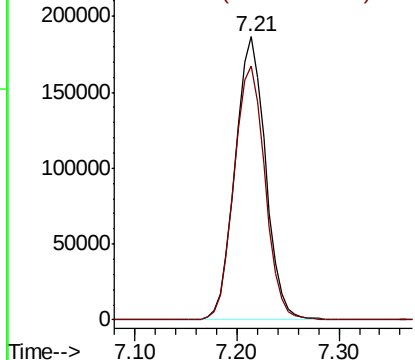
#44

Trichloroethene
 Concen: 51.673 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.6	0.0	175.8



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





#45

1,2-Dichloropropane

Concen: 48.667 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

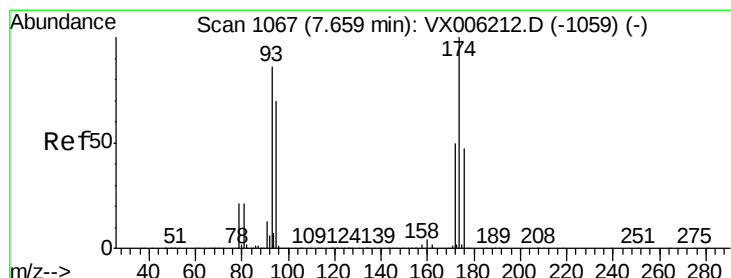
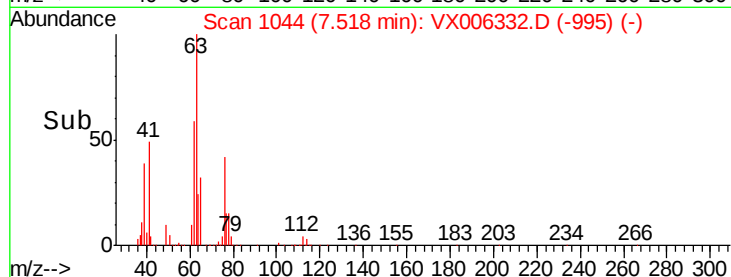
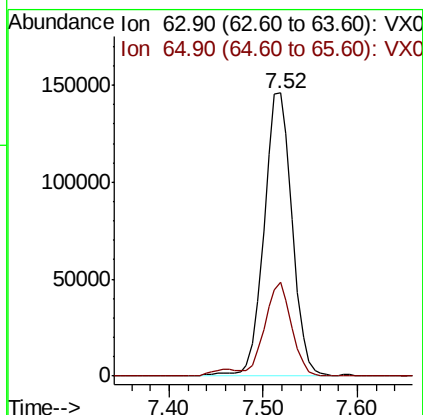
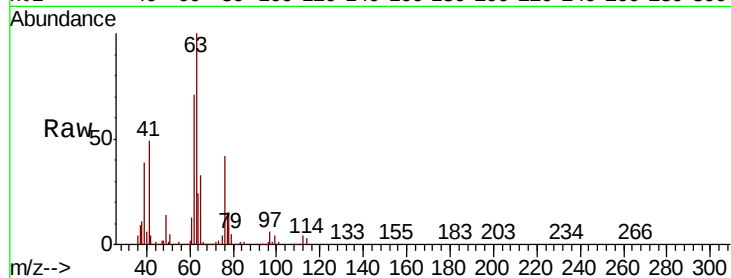
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 304648

Ion Ratio Lower Upper

63 100

65 33.2 24.3 36.5



#46

Dibromomethane

Concen: 49.080 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

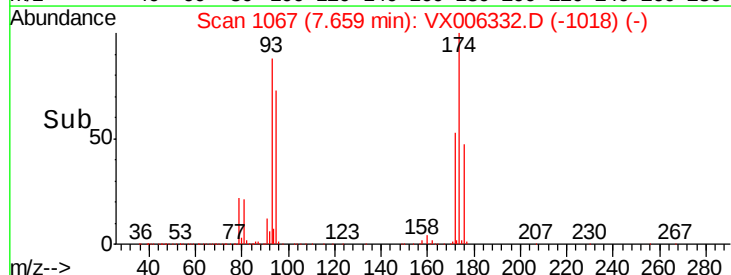
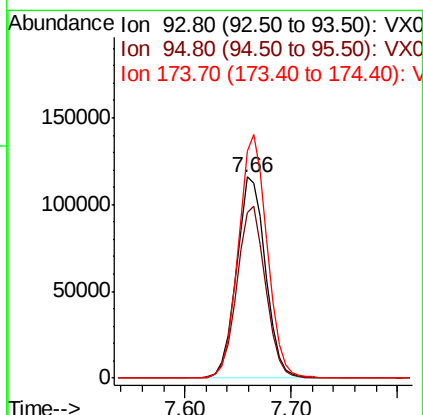
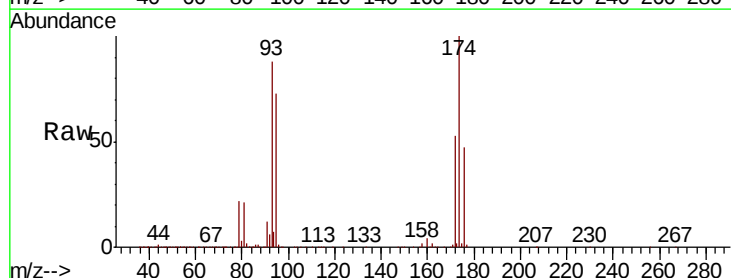
Tgt Ion: 93 Resp: 221887

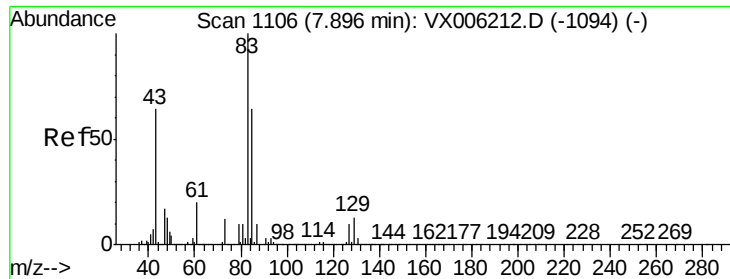
Ion Ratio Lower Upper

93 100

95 84.6 66.2 99.4

174 119.8 97.2 145.8





#47

Bromodichloromethane

Concen: 48.596 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :

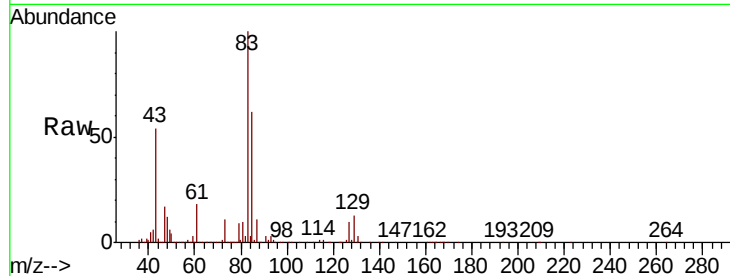
Tot Ion: 83 Resp: 425463

Ion Ratio Lower Upper

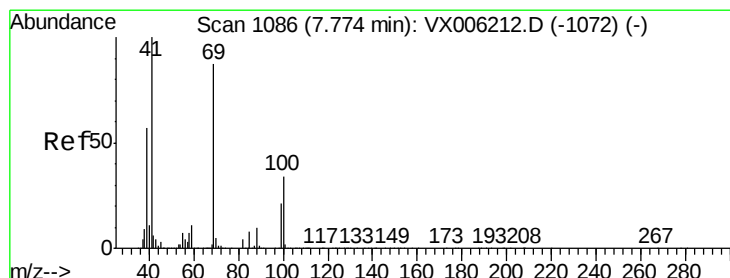
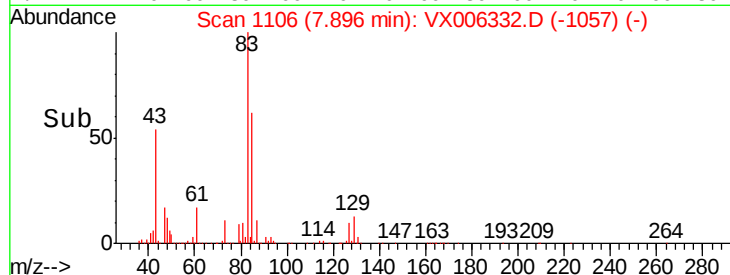
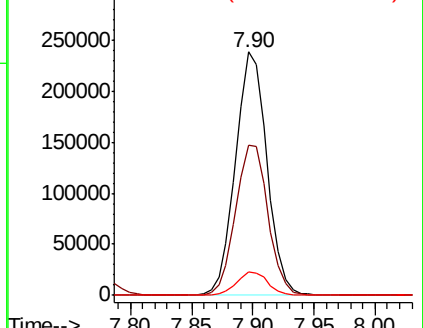
83 100

85 61.7 51.4 77.0

127 9.5 7.9 11.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.325 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

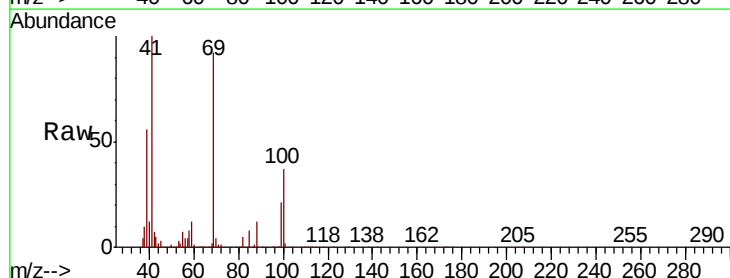
Tgt Ion: 41 Resp: 353507

Ion Ratio Lower Upper

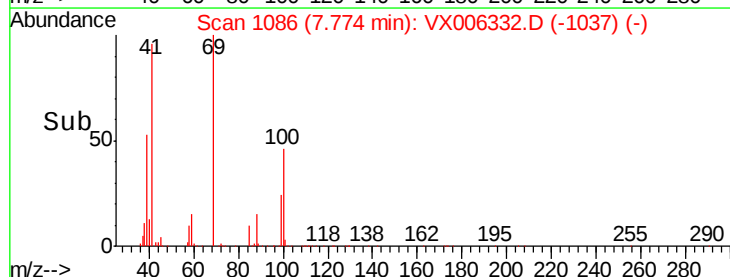
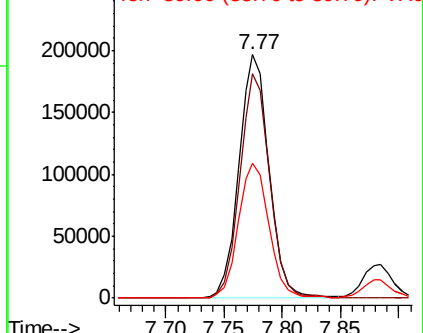
41 100

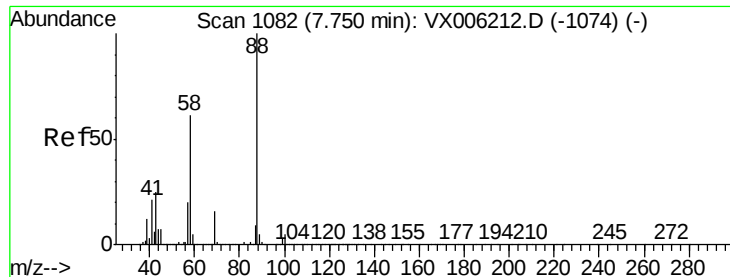
69 91.4 70.3 105.5

39 56.3 45.3 67.9



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 999.103 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

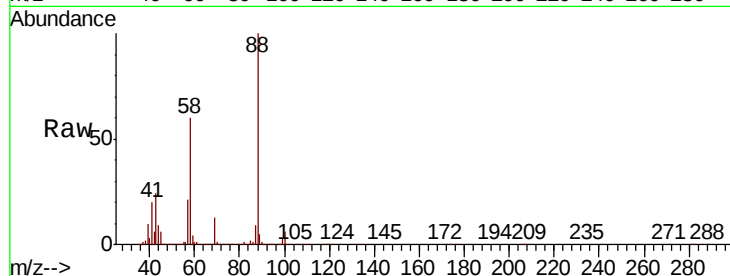
Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 183939

Ion	Ratio	Lower	Upper
88	100		
43	26.7	23.2	34.8
58	62.6	51.4	77.0

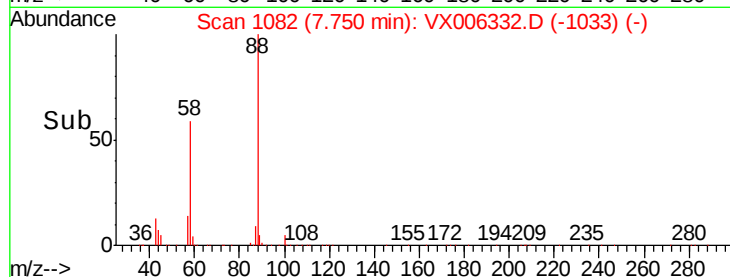


Abundance

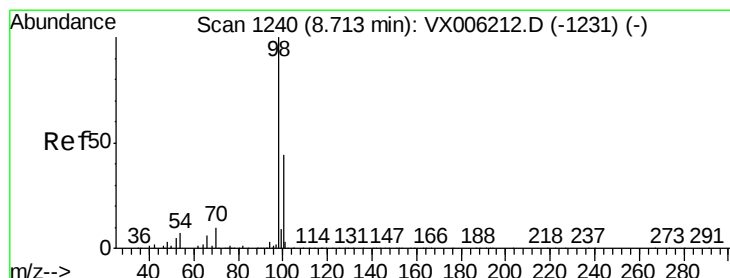
Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 49.172 ug/l

RT: 8.71 min Scan# 1240

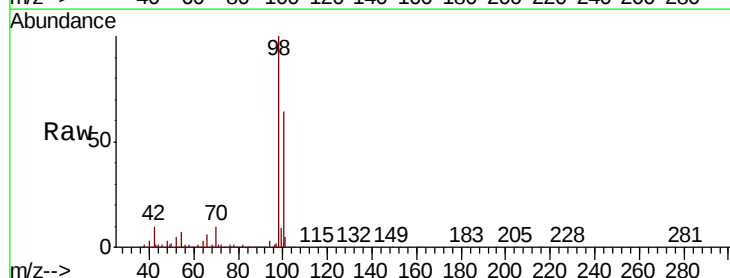
Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Tgt Ion: 98 Resp: 1130879

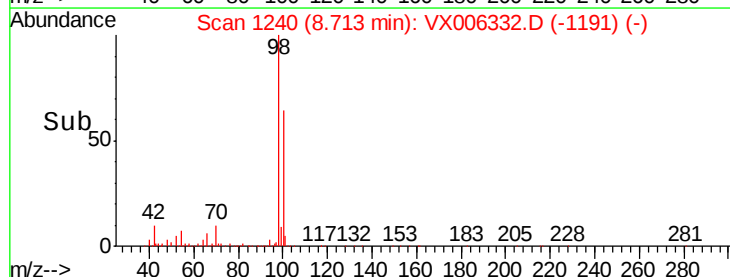
Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.2	78.2



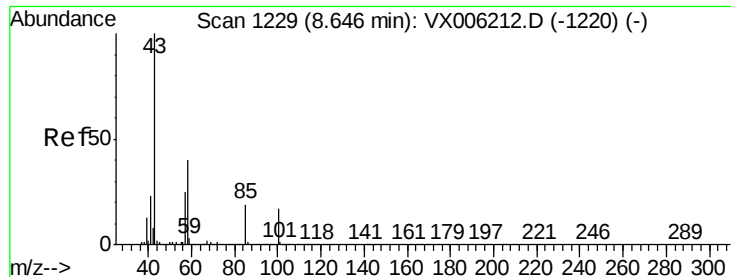
Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



Time-->



#51

4-Methyl-2-Pentanone

Concen: 237.828 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

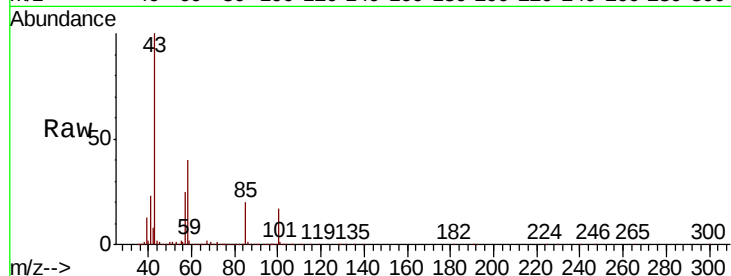
ClientSampleId :

Tot Ion: 43 Resp: 2125836

Ion Ratio Lower Upper

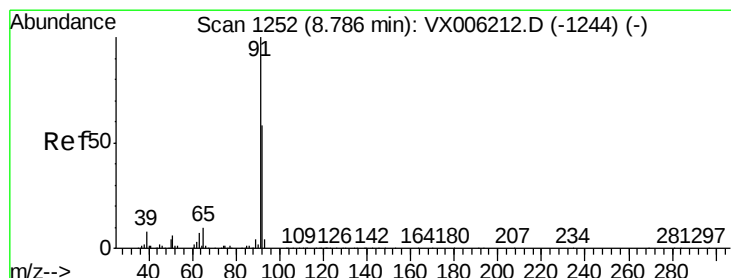
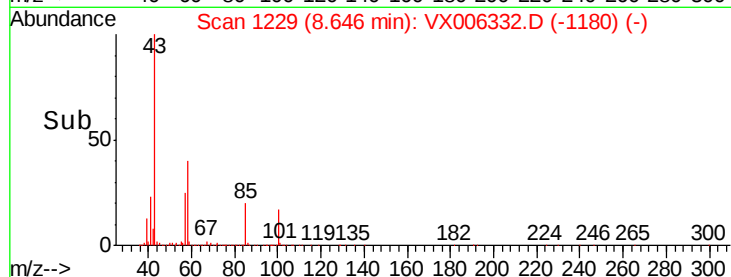
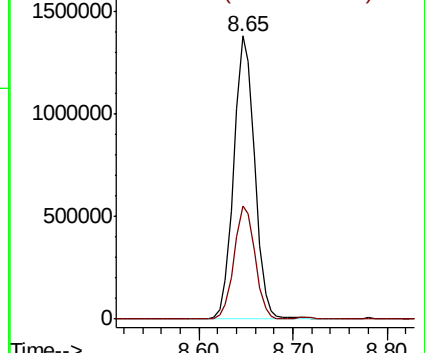
43 100

58 40.0 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.156 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006332.D

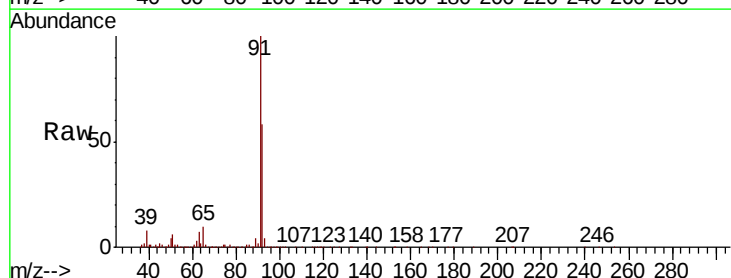
Acq: 06 Dec 2018 21:23

Tgt Ion: 92 Resp: 796529

Ion Ratio Lower Upper

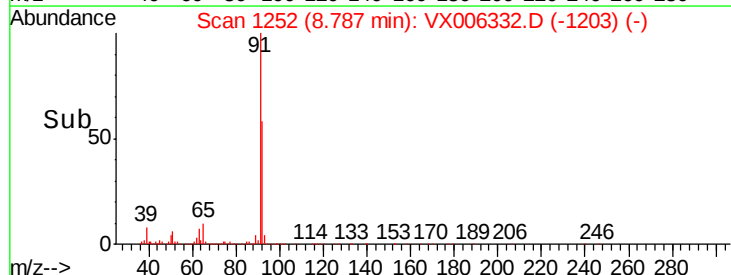
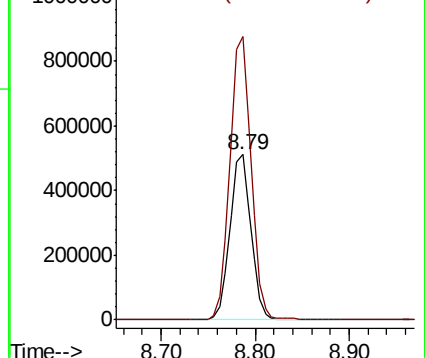
92 100

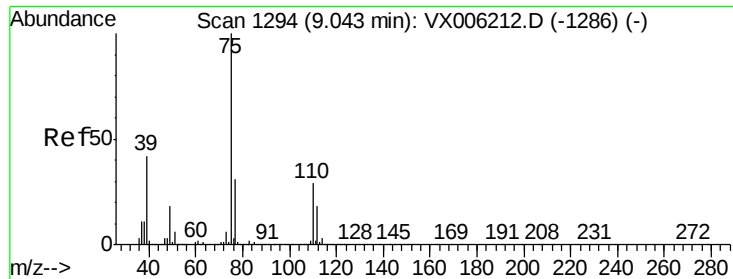
91 172.6 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

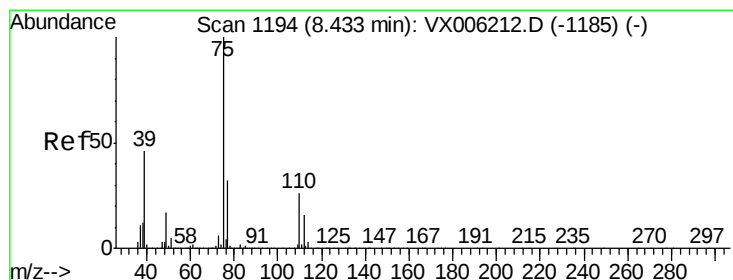
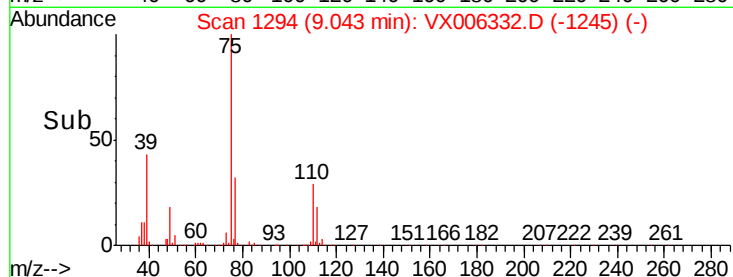
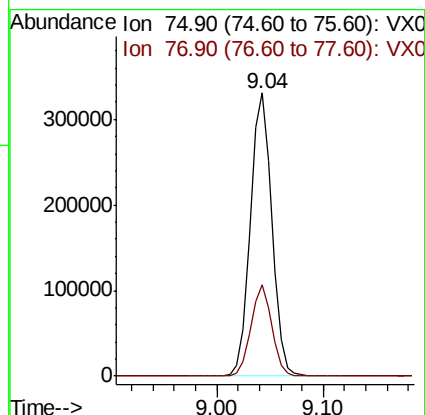
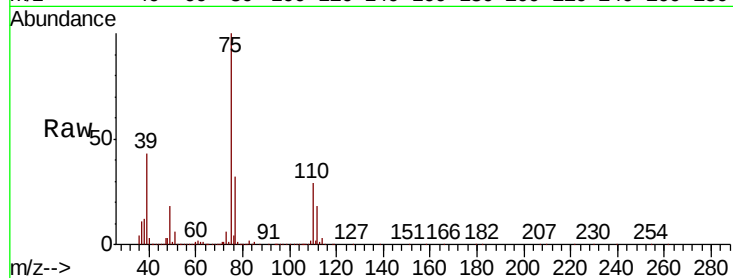




#53
t-1,3-Dichloropropene
Concen: 45.981 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

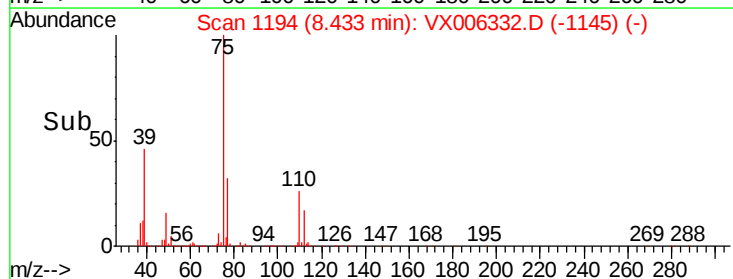
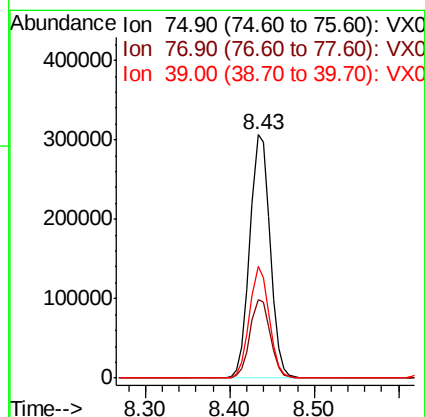
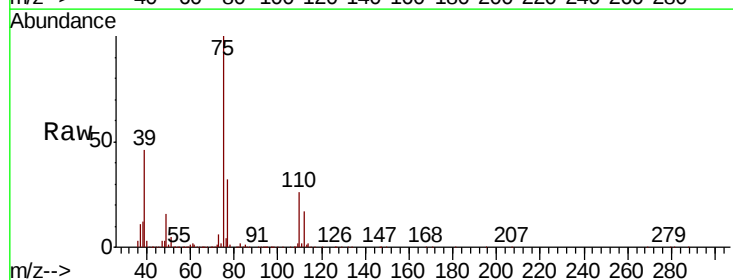
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 470802
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 46.394 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion: 75 Resp: 493258
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4
39 46.0 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 50.241 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 330736

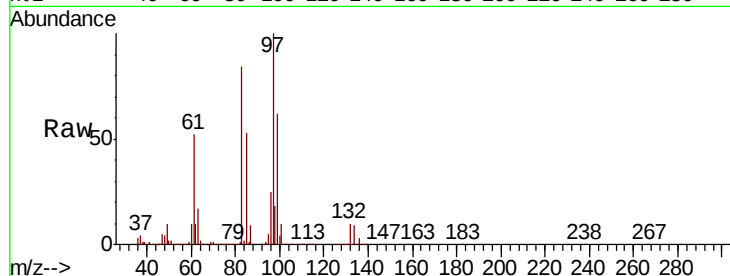
Ion Ratio Lower Upper

97 100

83 84.0 67.1 100.7

85 53.3 43.2 64.8

99 62.3 49.8 74.6

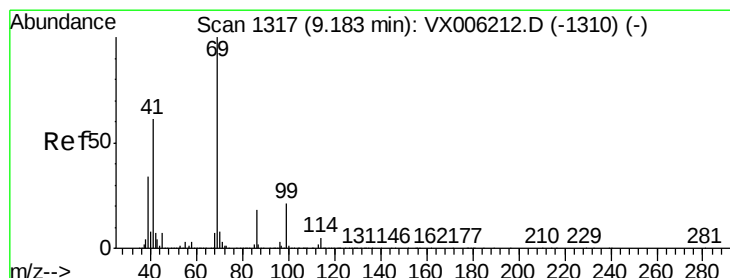
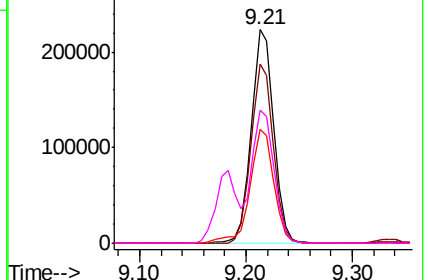
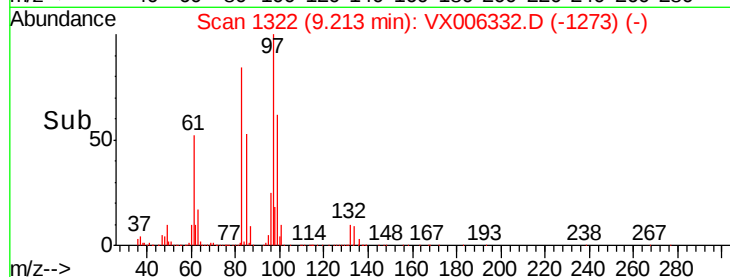


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 47.934 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

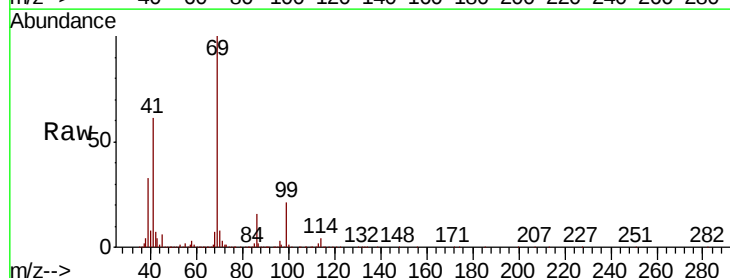
Tgt Ion: 69 Resp: 493312

Ion Ratio Lower Upper

69 100

41 61.9 50.6 76.0

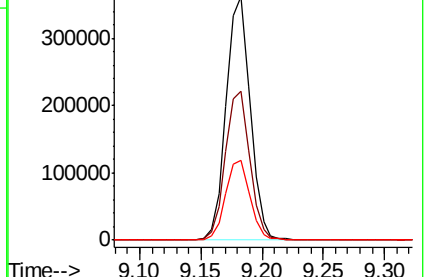
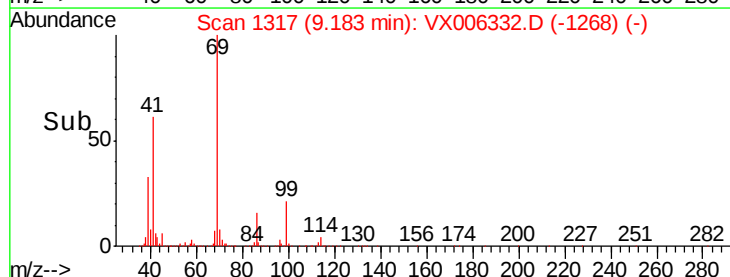
39 33.2 27.6 41.4

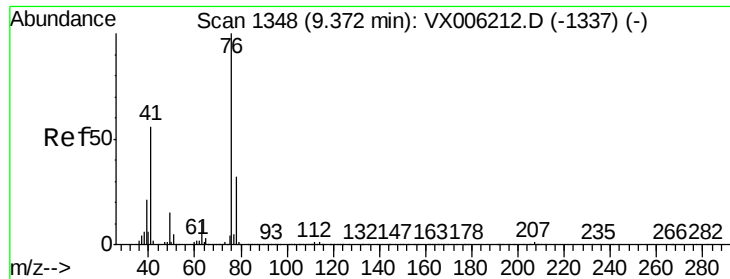


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.454 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

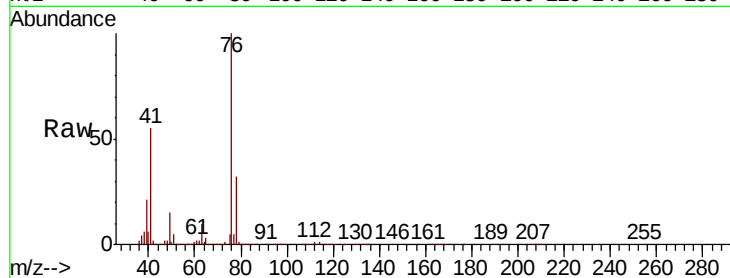
ClientSampled :

Tot Ion: 76 Resp: 525209

Ion Ratio Lower Upper

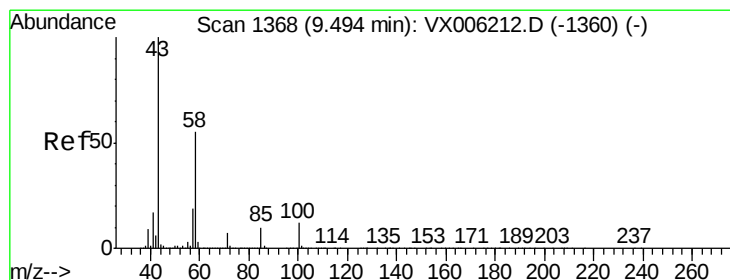
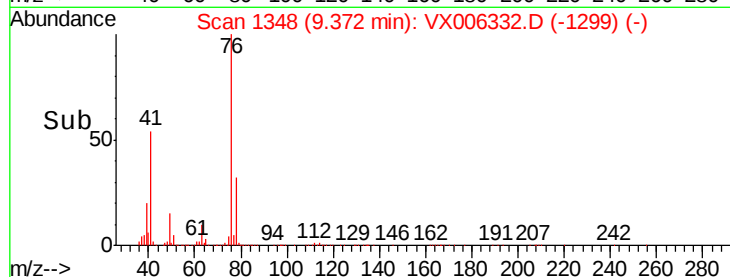
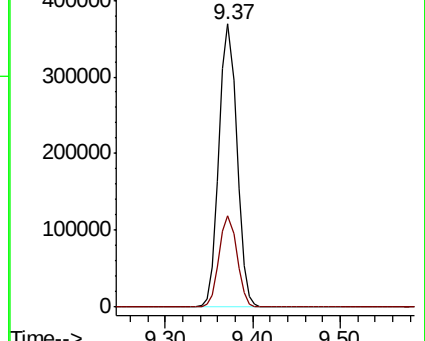
76 100

78 32.2 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 234.243 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX006332.D

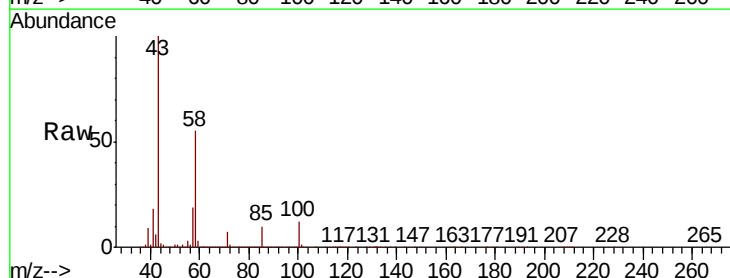
Acq: 06 Dec 2018 21:23

Tgt Ion: 43 Resp: 1599661

Ion Ratio Lower Upper

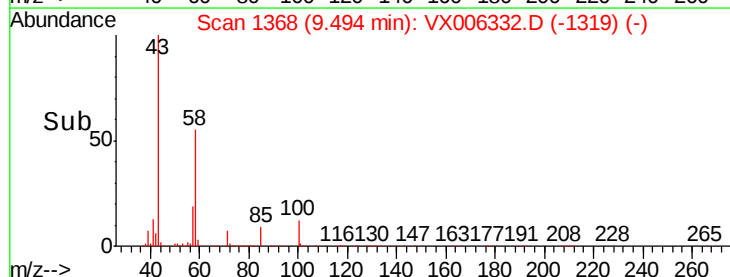
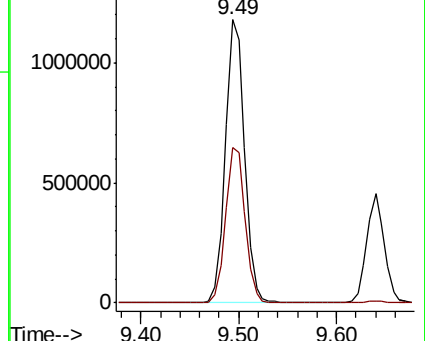
43 100

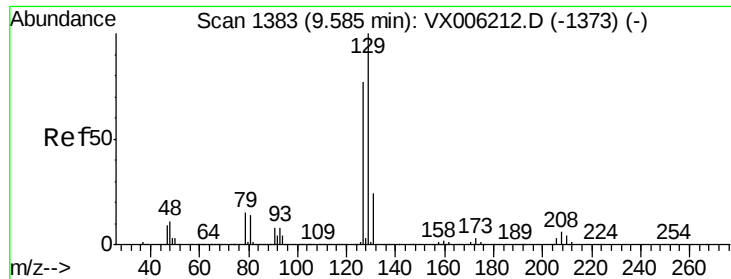
58 56.1 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

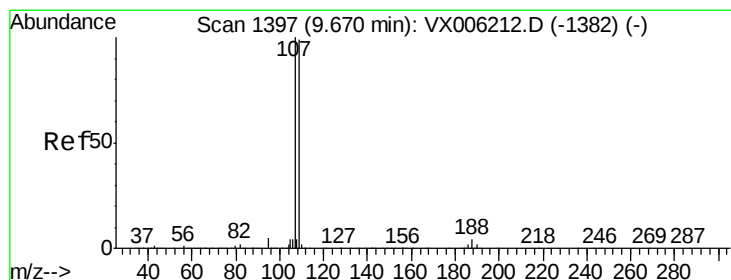
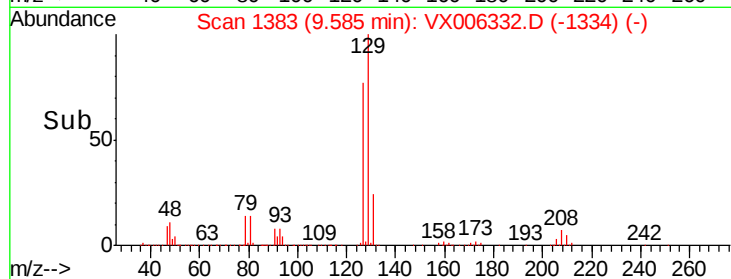
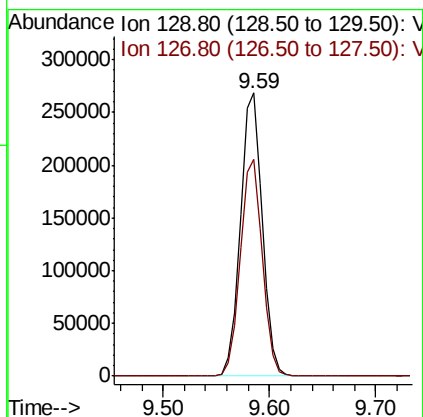
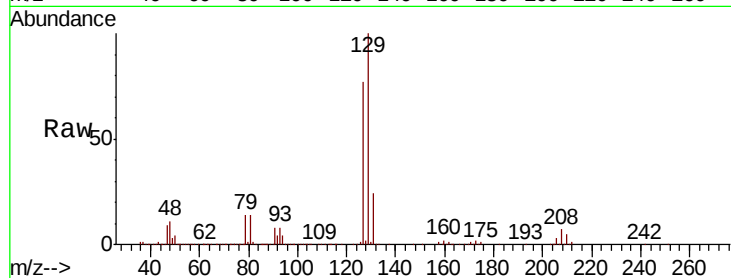




#60
 Dibromochloromethane
 Concen: 47.619 ug/l
 RT: 9.59 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

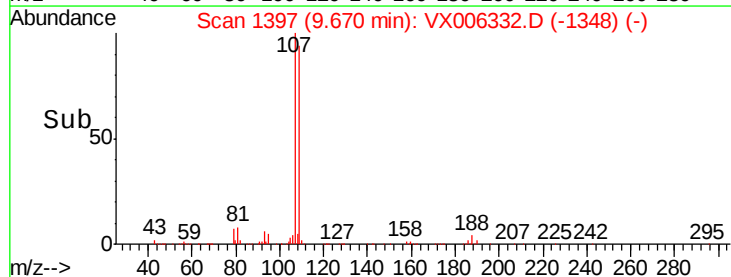
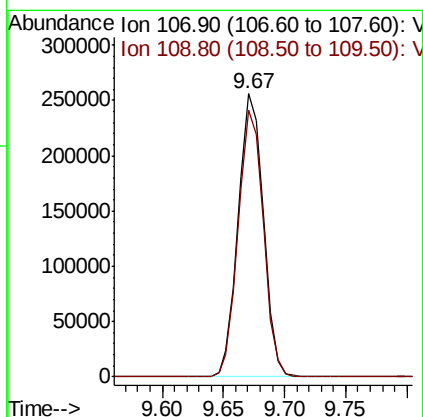
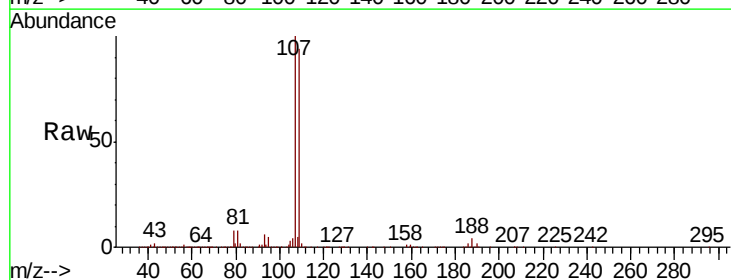
Instrument :
 MSVOA_X
 ClientSampleId :

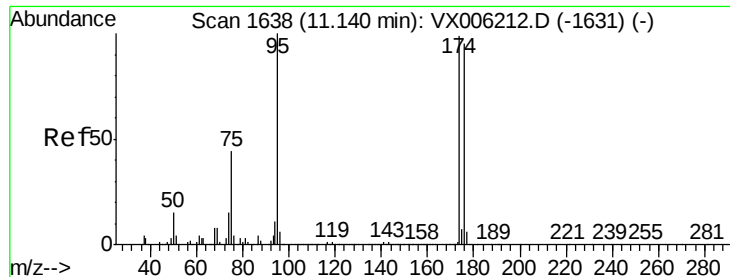
Tot Ion:129 Resp: 386547
 Ion Ratio Lower Upper
 129 100
 127 77.0 38.6 115.8



#61
 1,2-Dibromoethane
 Concen: 49.588 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

Tgt Ion:107 Resp: 365007
 Ion Ratio Lower Upper
 107 100
 109 94.2 76.3 114.5





#62

4-Bromofluorobenzene

Concen: 48.482 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

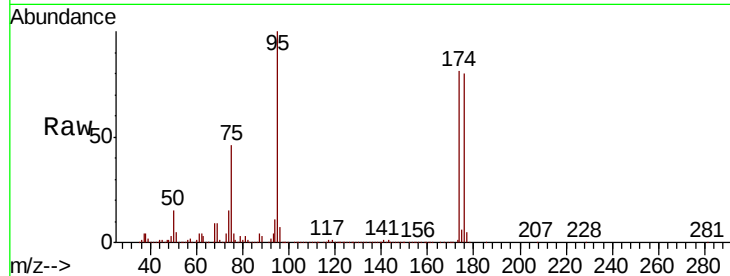
Tot Ion: 95 Resp: 420167

Ion Ratio Lower Upper

95 100

174 92.3 0.0 187.0

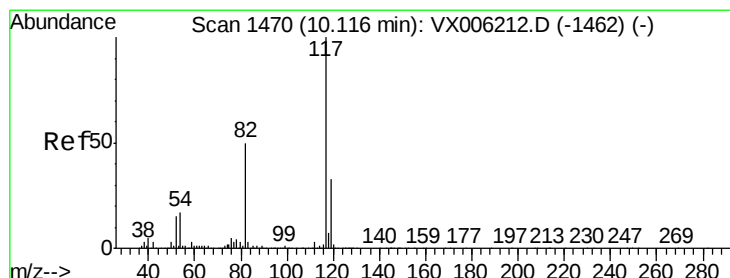
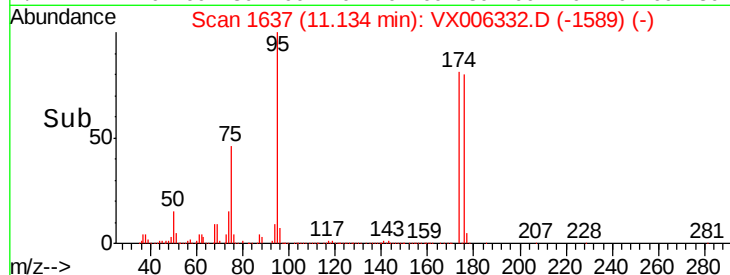
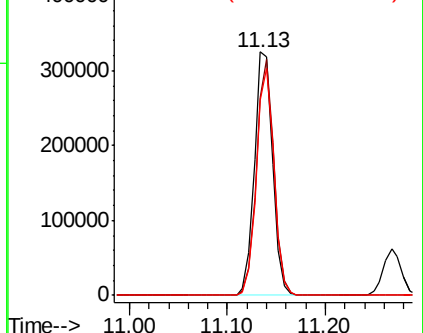
176 89.7 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

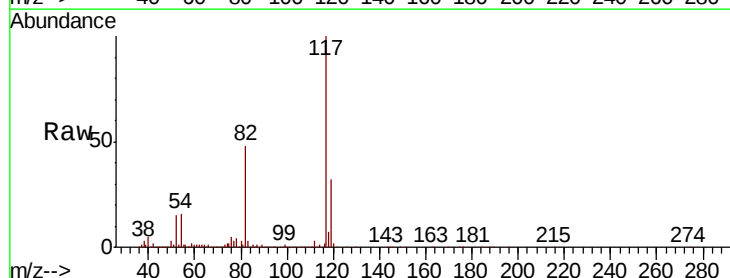
Tgt Ion: 117 Resp: 882654

Ion Ratio Lower Upper

117 100

82 48.1 39.6 59.4

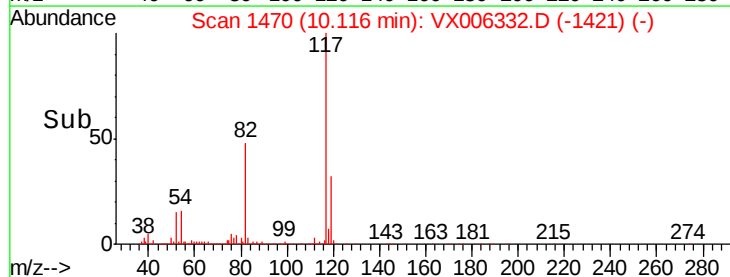
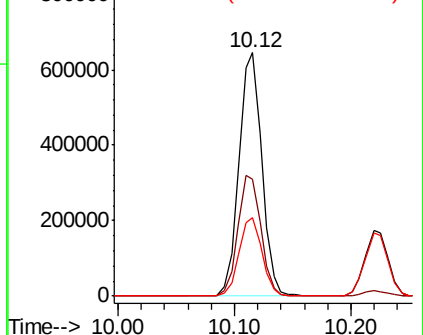
119 32.2 26.3 39.5

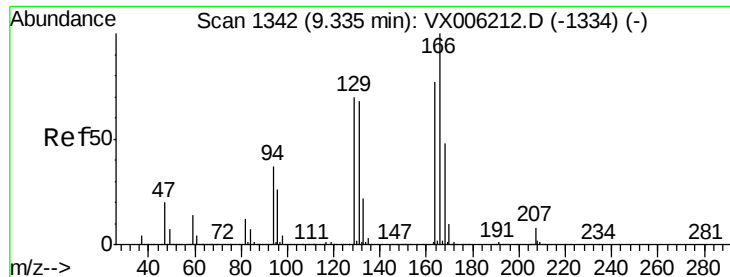


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

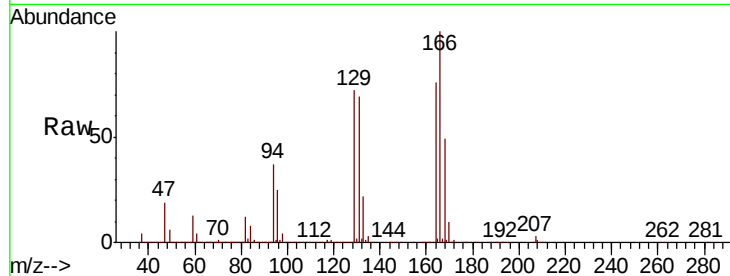




#64
Tetrachloroethene
Concen: 48.582 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
166	131.0	104.2	156.2
129	93.7	72.6	108.8
131	91.0	70.3	105.5



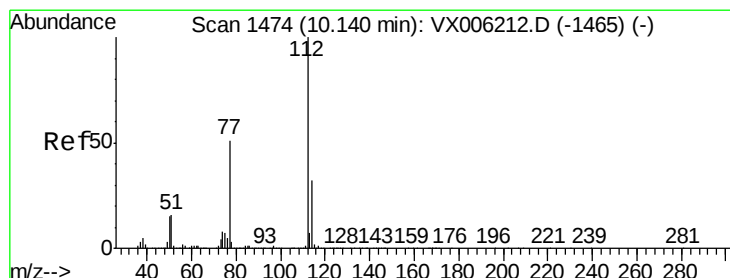
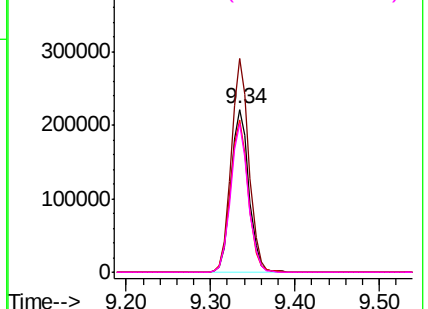
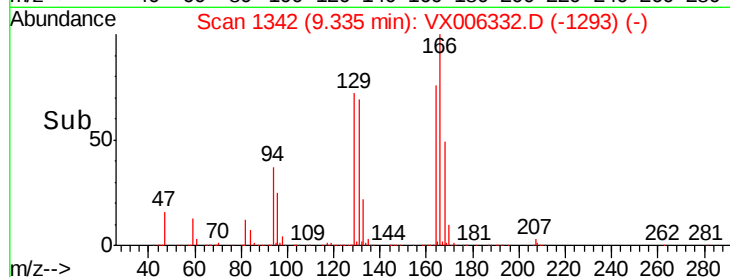
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

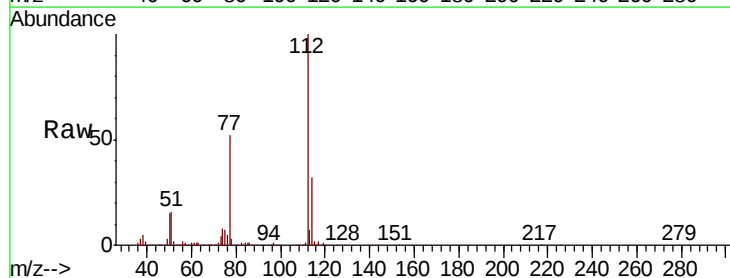
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 50.069 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

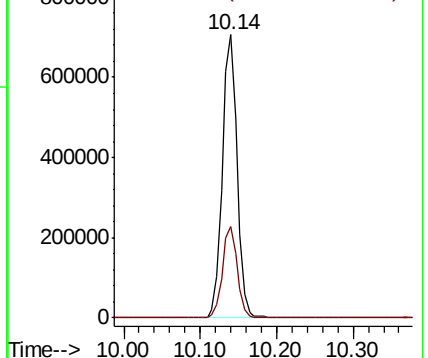
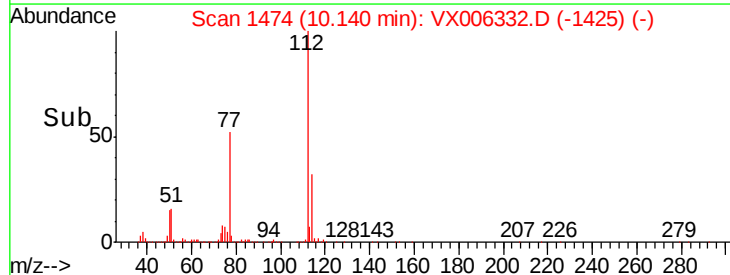
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.4	38.2

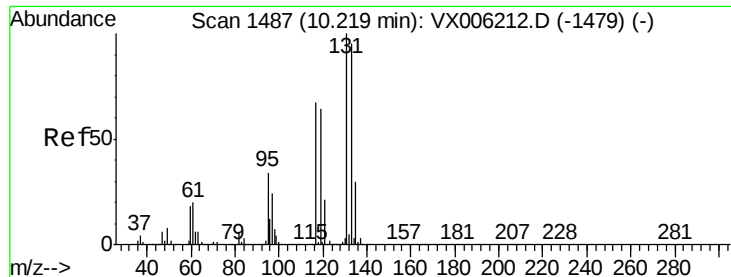


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

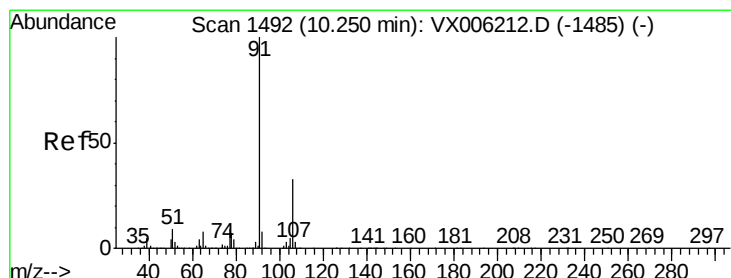
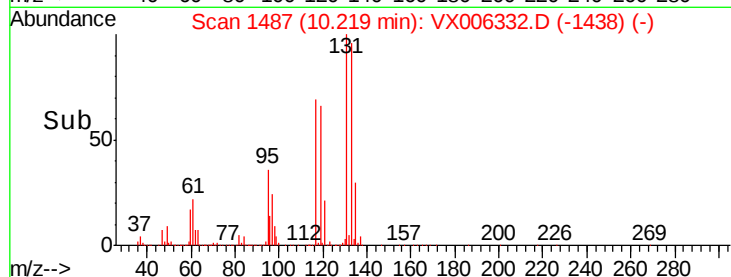
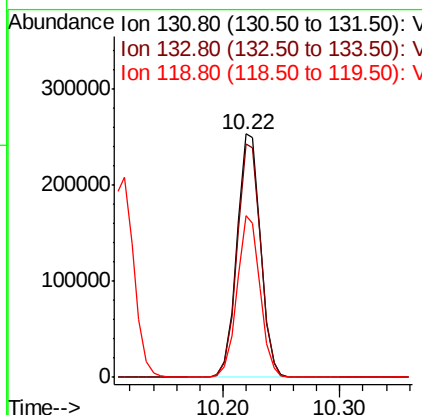
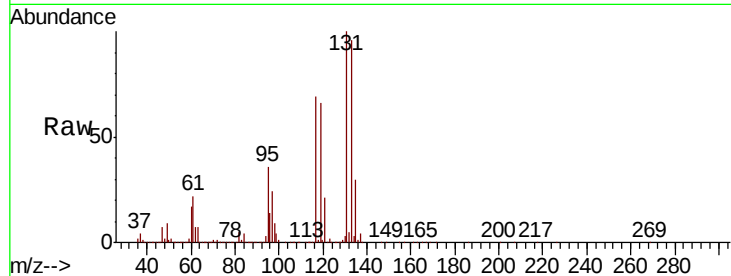




#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.031 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

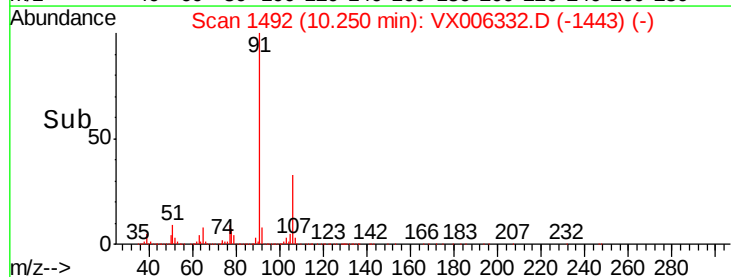
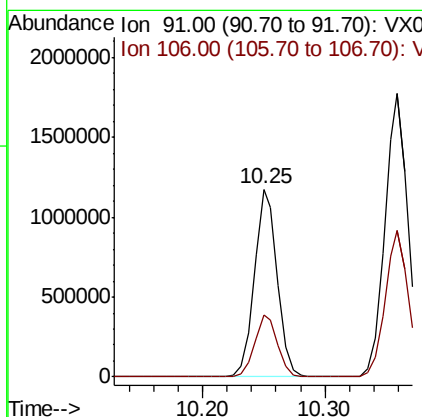
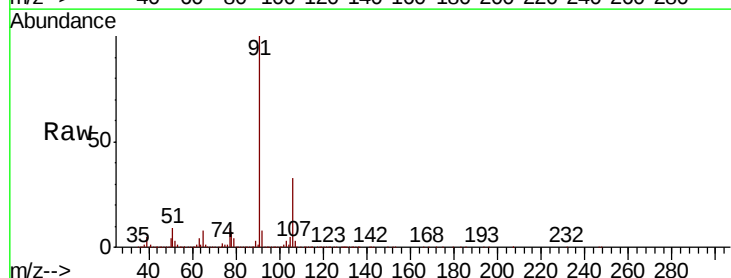
Instrument :
 MSVOA_X
 ClientSampleId :

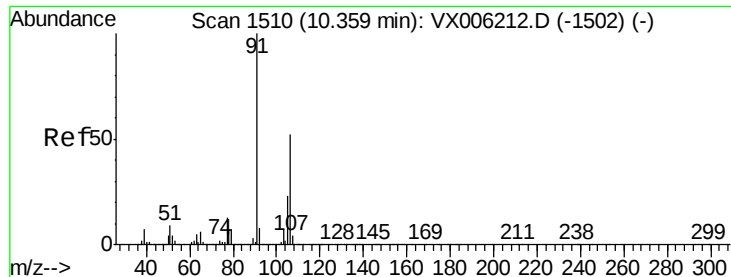
Tot Ion:131 Resp: 356943
 Ion Ratio Lower Upper
 131 100
 133 96.3 48.1 144.4
 119 64.7 32.1 96.3



#67
 Ethyl Benzene
 Concen: 49.016 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

Tgt Ion: 91 Resp: 1527496
 Ion Ratio Lower Upper
 91 100
 106 33.0 26.5 39.7





#68

m/p-Xylenes

Concen: 97.023 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

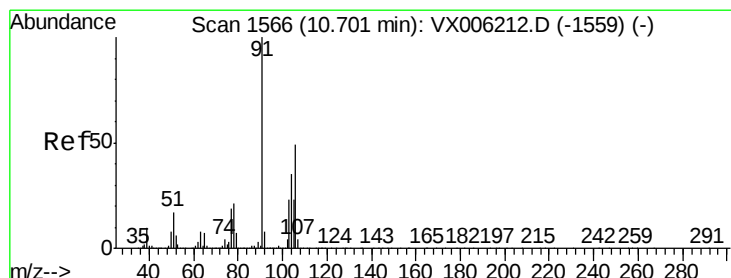
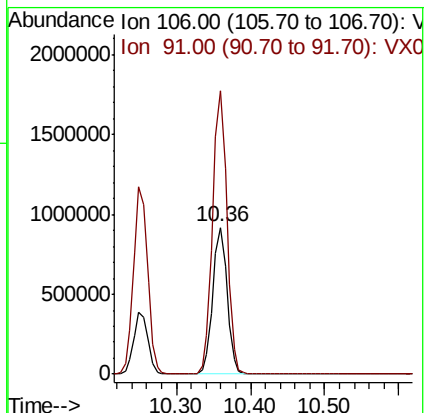
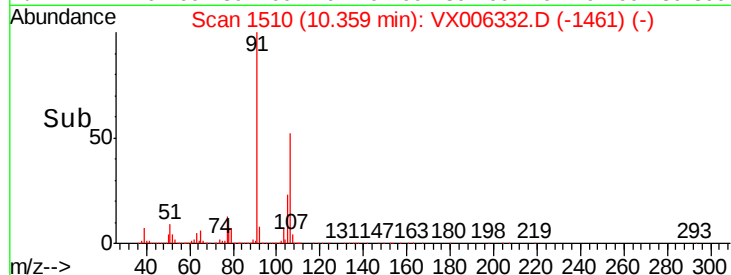
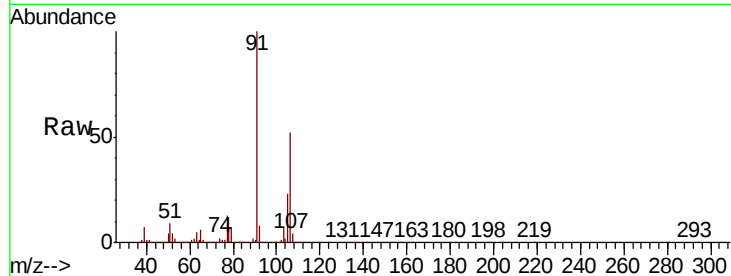
ClientSampleId :

Tot Ion:106 Resp: 1211140

Ion Ratio Lower Upper

106 100

91 193.1 155.2 232.8



#69

o-Xylene

Concen: 48.544 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX006332.D

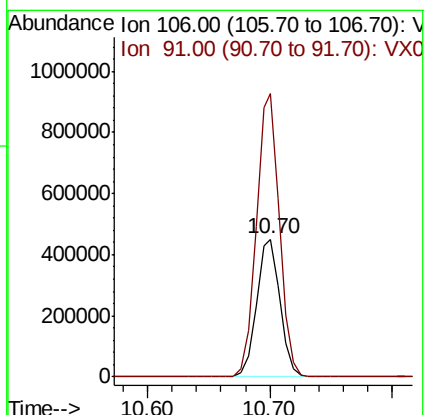
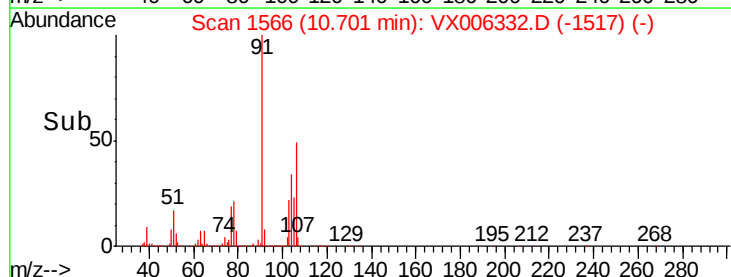
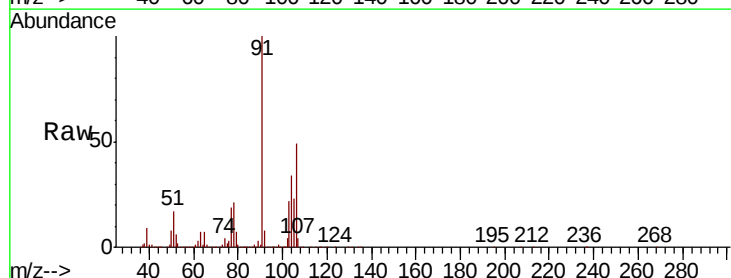
Acq: 06 Dec 2018 21:23

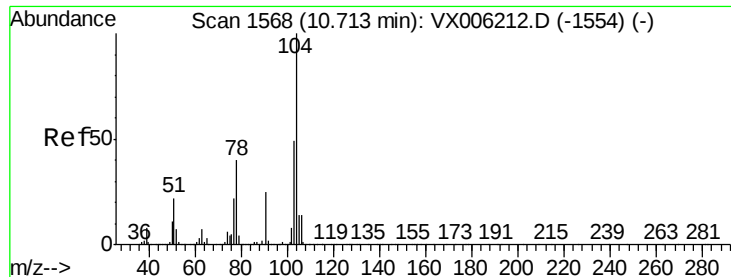
Tgt Ion:106 Resp: 598560

Ion Ratio Lower Upper

106 100

91 203.7 101.8 305.6





#70

Stvrene

Concen: 48.387 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

ClientSampled :

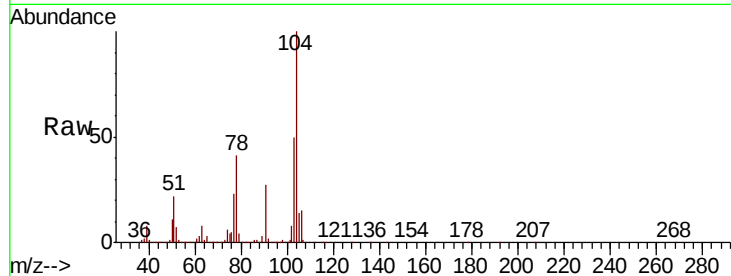
Tot Ion:104 Resp: 964960

Ion Ratio Lower Upper

104 100

78 47.0 37.2 55.8

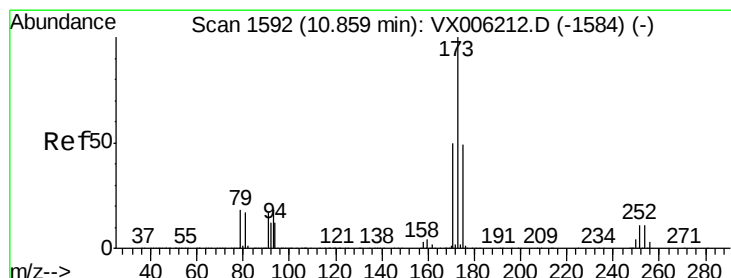
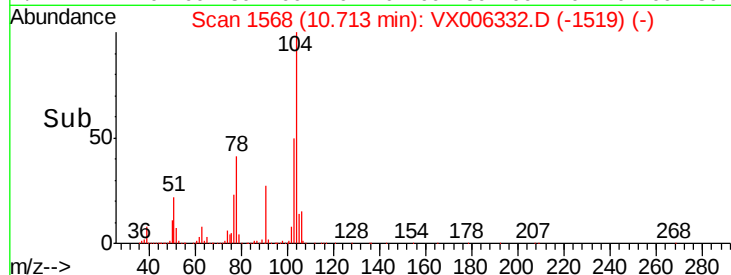
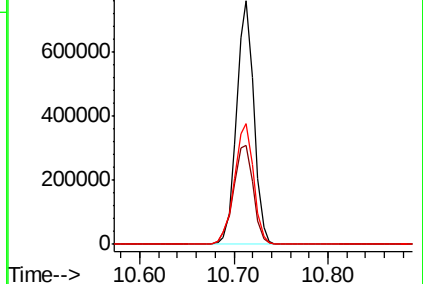
103 55.1 43.5 65.3



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: 45.653 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

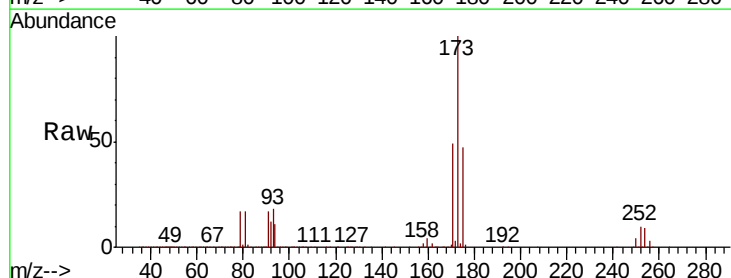
Tgt Ion:173 Resp: 313731

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

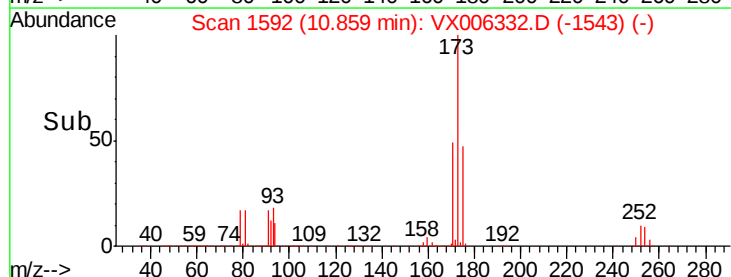
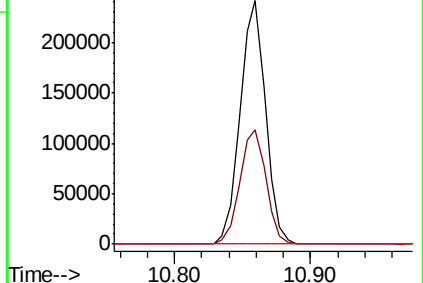
254 0.2 0.2 0.2

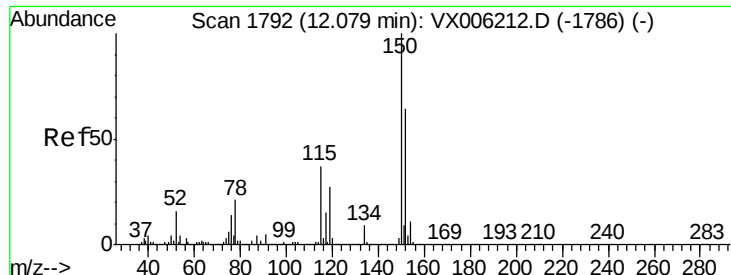


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

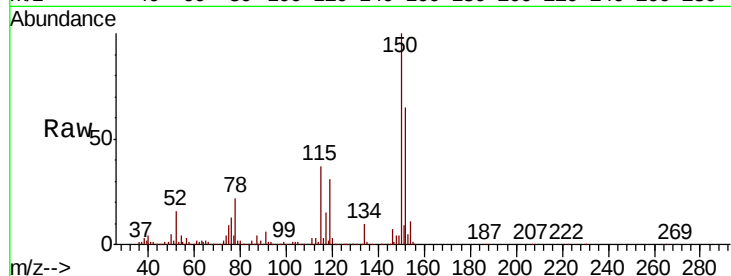
Tot Ion:152 Resp: 451354

Ion Ratio Lower Upper

152 100

115 78.0 39.0 116.9

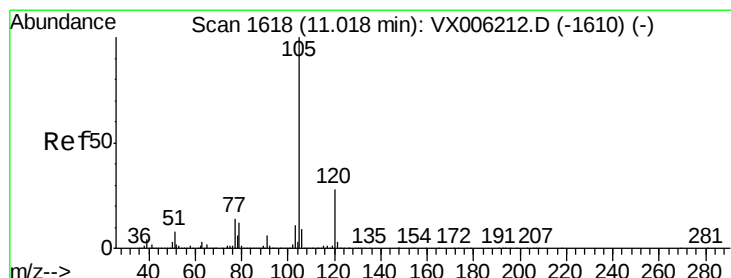
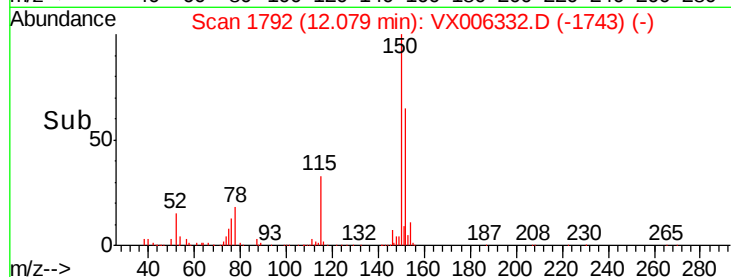
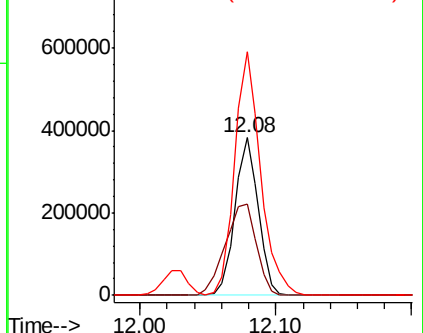
150 173.3 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 50.751 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006332.D

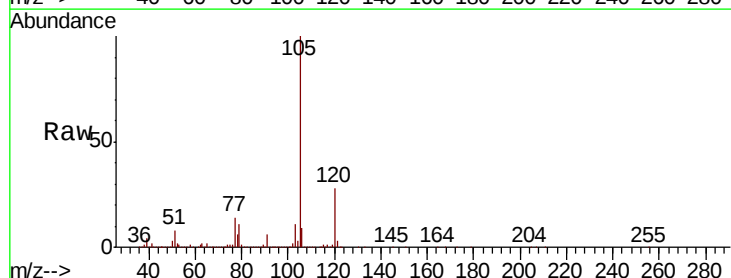
Acq: 06 Dec 2018 21:23

Tgt Ion:105 Resp: 1581924

Ion Ratio Lower Upper

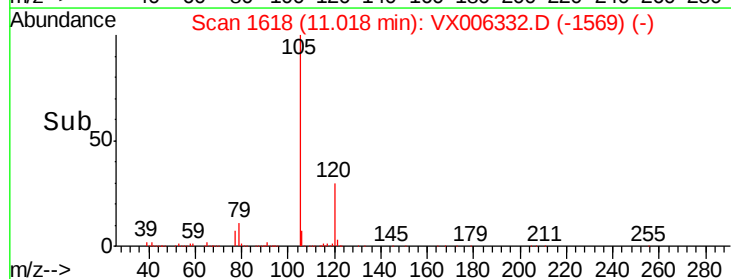
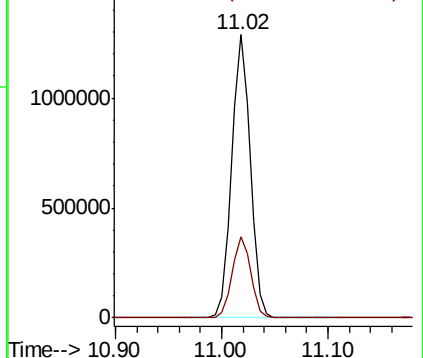
105 100

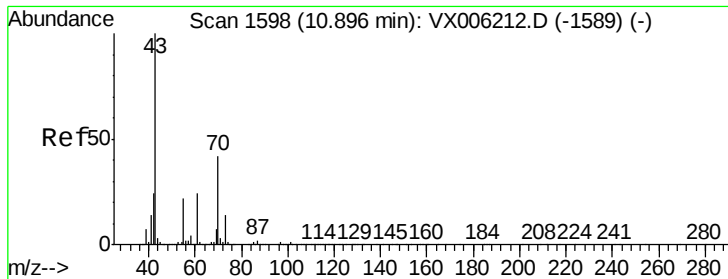
120 28.7 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 42.136 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 565572

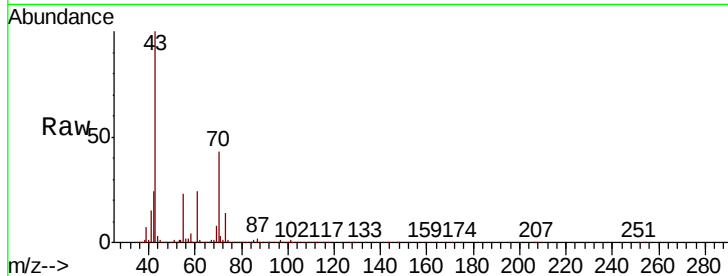
Ion Ratio Lower Upper

43 100

70 44.8 34.1 51.1

55 23.5 17.8 26.8

61 25.1 19.7 29.5

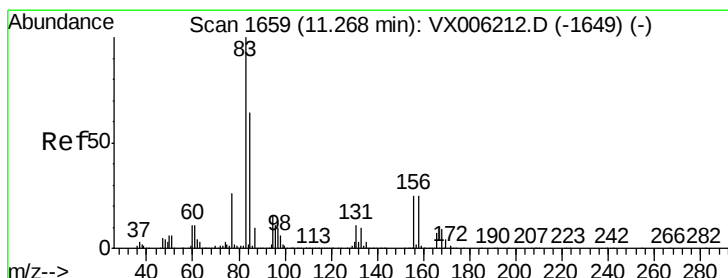
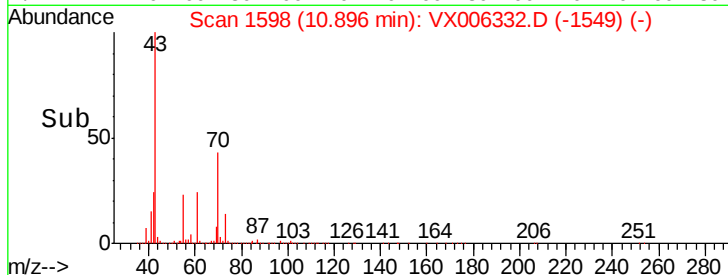
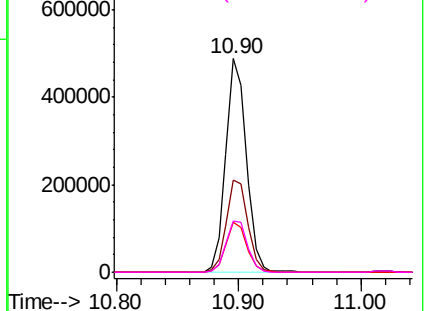


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 49.673 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

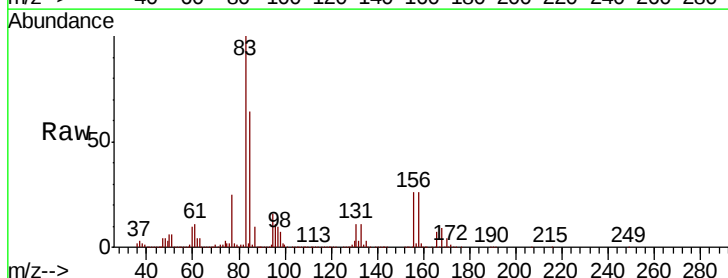
Tgt Ion: 83 Resp: 495336

Ion Ratio Lower Upper

83 100

131 11.6 5.7 17.1

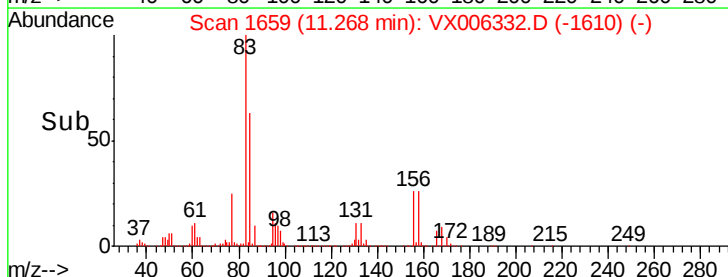
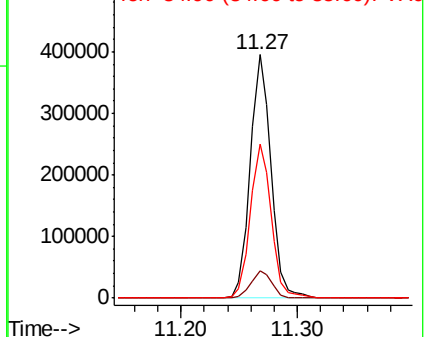
85 64.2 32.1 96.5

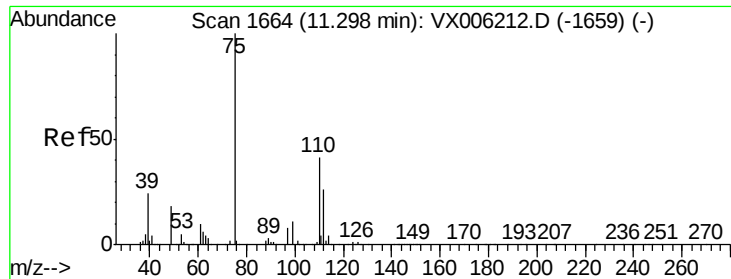


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

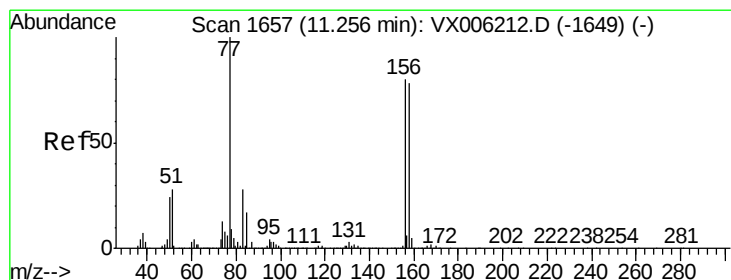
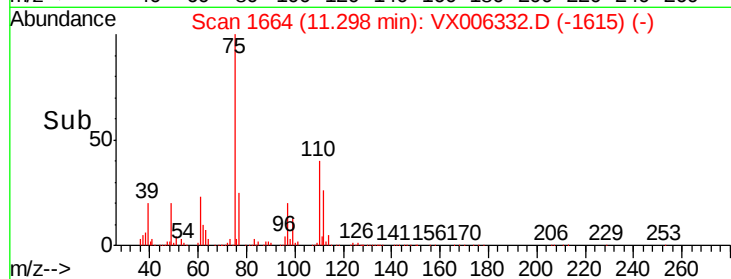
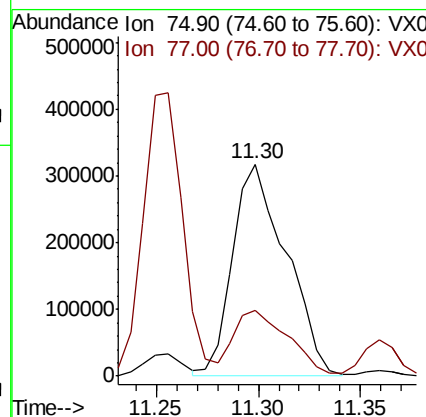
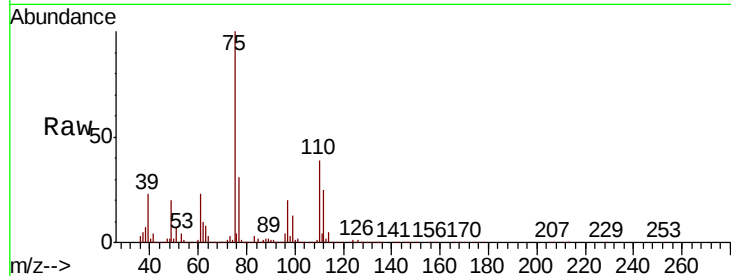




#76
 1,2,3-Trichloropropane
 Concen: 66.468 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

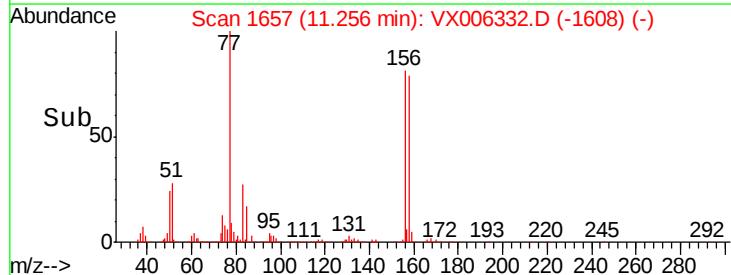
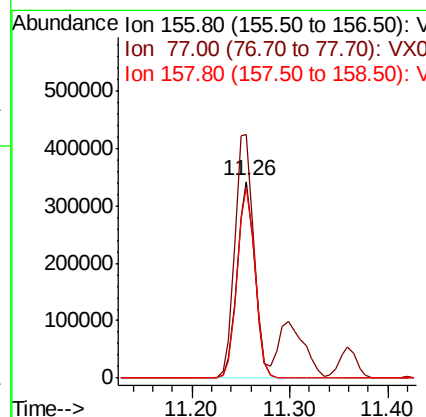
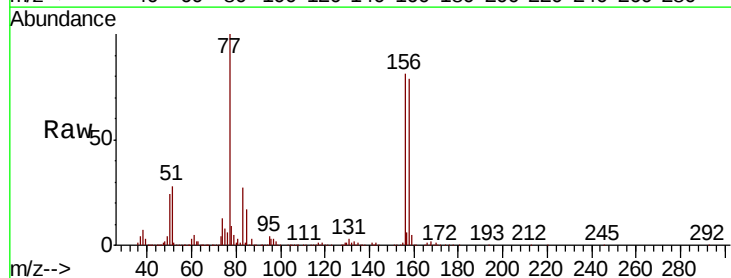
Instrument :
 MSVOA_X
 ClientSampled :

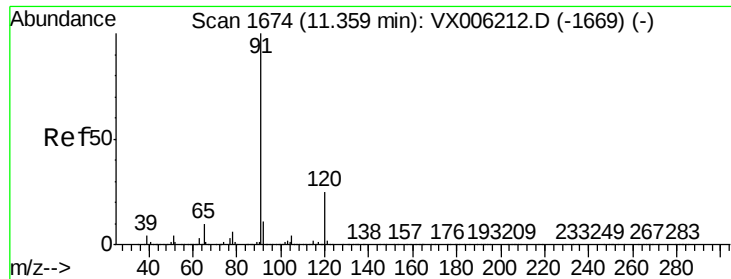
Tot Ion: 75 Resp: 579061
 Ion Ratio Lower Upper
 75 100
 77 31.3 19.9 59.7



#77
 Bromobenzene
 Concen: 49.655 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

Tgt Ion: 156 Resp: 429525
 Ion Ratio Lower Upper
 156 100
 77 133.3 66.2 198.6
 158 98.6 48.8 146.4





#78

n-propylbenzene

Concen: 50.210 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

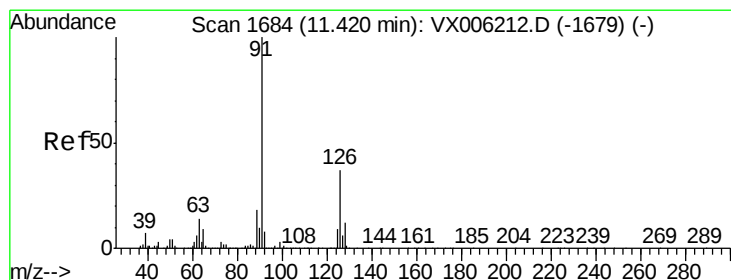
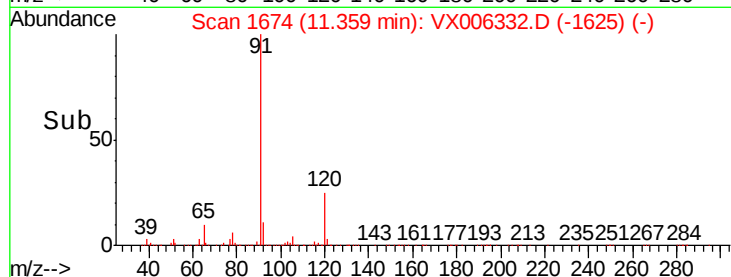
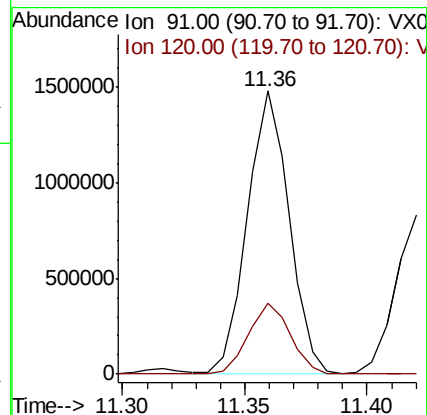
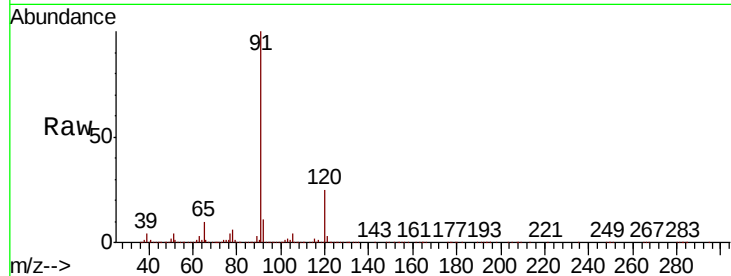
ClientSampleId :

Tot Ion: 91 Resp: 1739703

Ion Ratio Lower Upper

91 100

120 25.4 12.7 38.0



#79

2-Chlorotoluene

Concen: 49.686 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006332.D

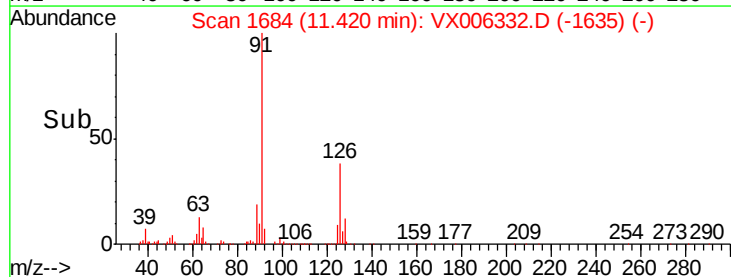
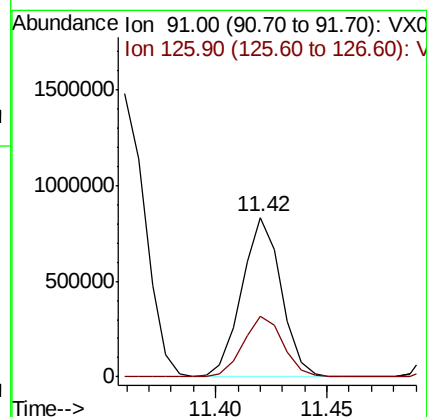
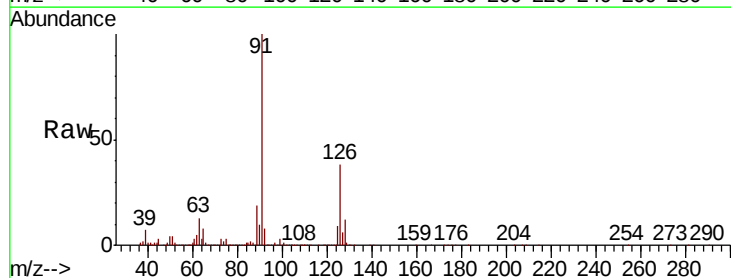
Acq: 06 Dec 2018 21:23

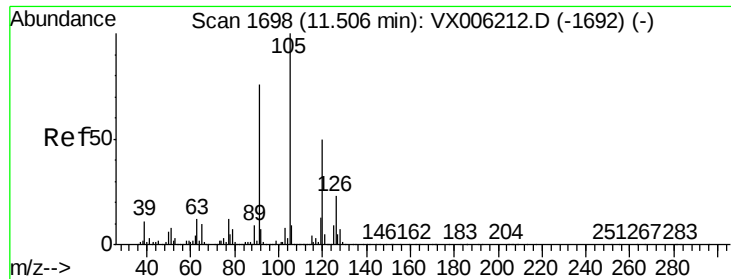
Tgt Ion: 91 Resp: 1023219

Ion Ratio Lower Upper

91 100

126 38.4 18.6 56.0





#80

1,3,5-Trimethylbenzene

Concen: 50.002 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

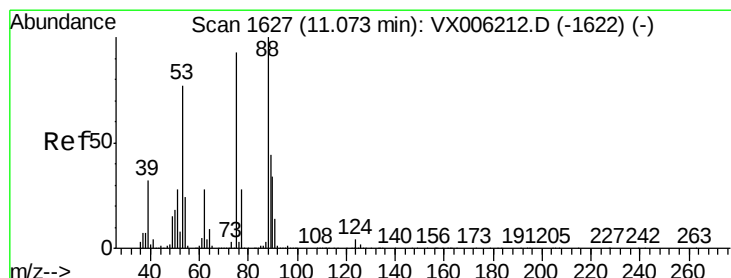
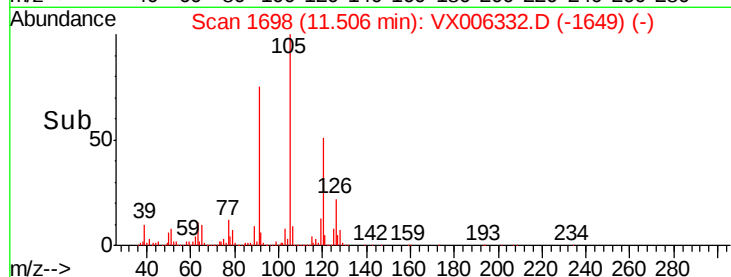
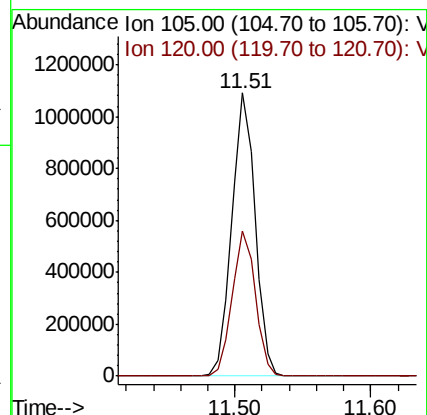
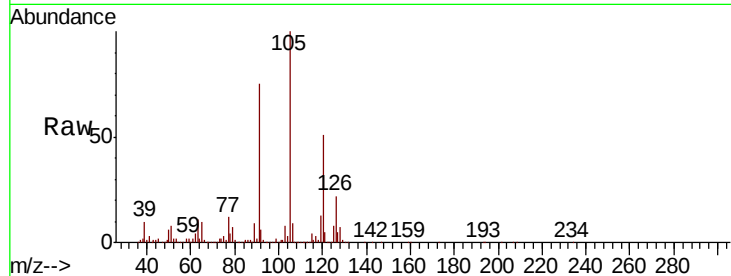
ClientSampleId :

Tot Ion:105 Resp: 1296775

Ion Ratio Lower Upper

105 100

120 51.1 25.4 76.0



#81

trans-1,4-Dichloro-2-butene

Concen: 42.338 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

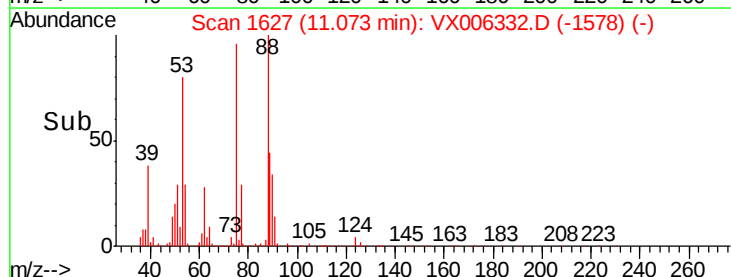
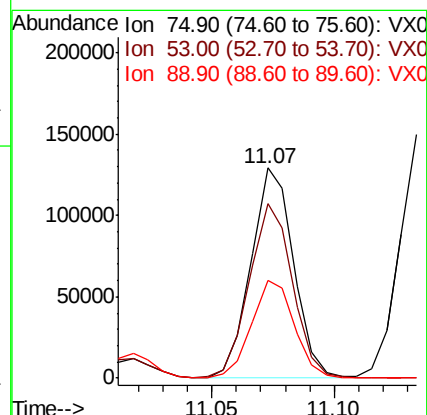
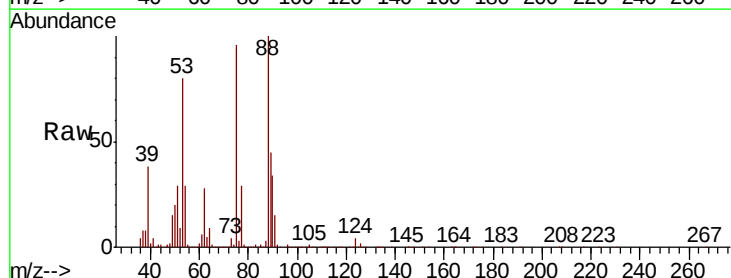
Tgt Ion: 75 Resp: 157172

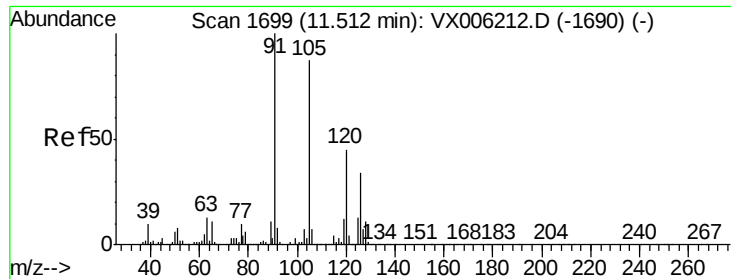
Ion Ratio Lower Upper

75 100

53 83.8 64.4 96.6

89 47.0 44.2 66.4

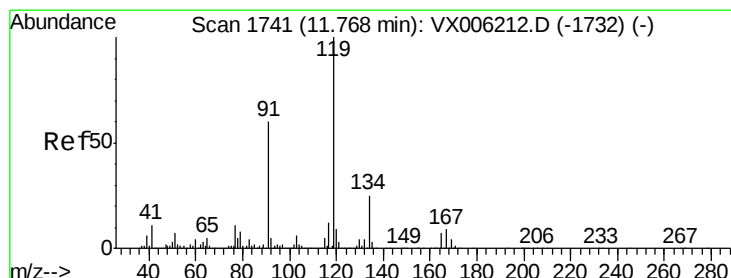
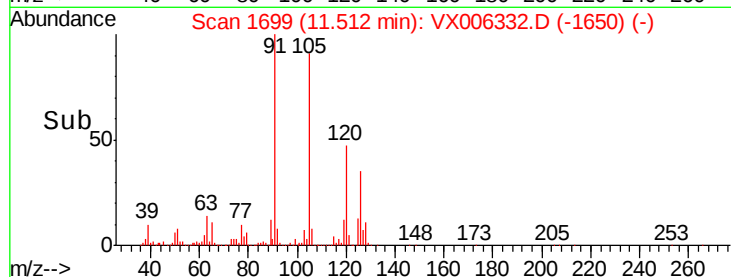
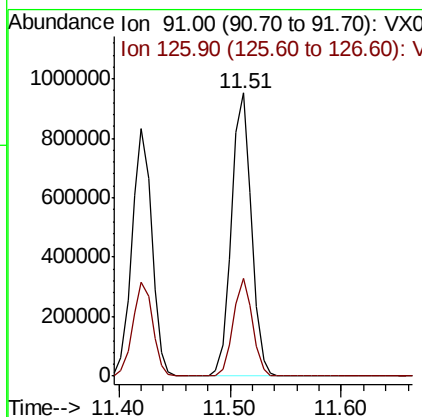
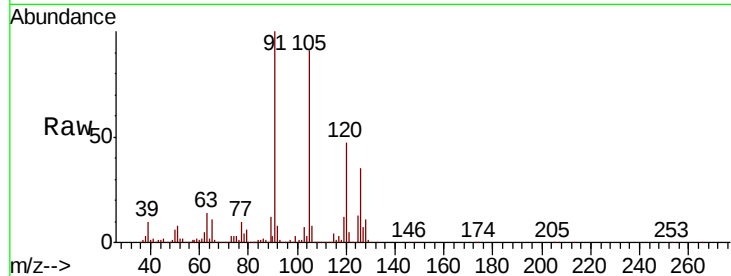




#82
4-Chlorotoluene
Concen: 49.027 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

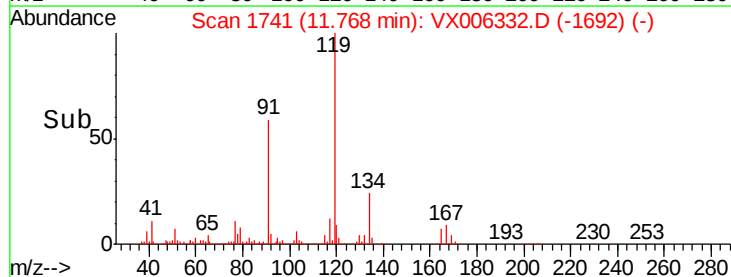
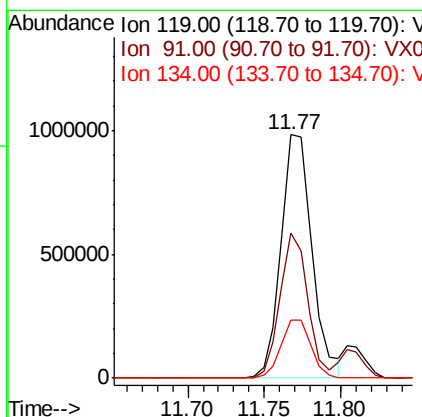
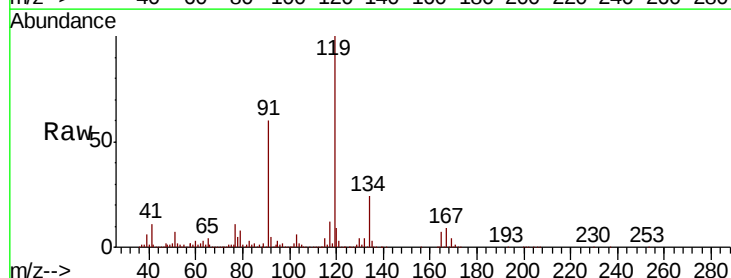
Instrument :
MSVOA_X
ClientSampled :

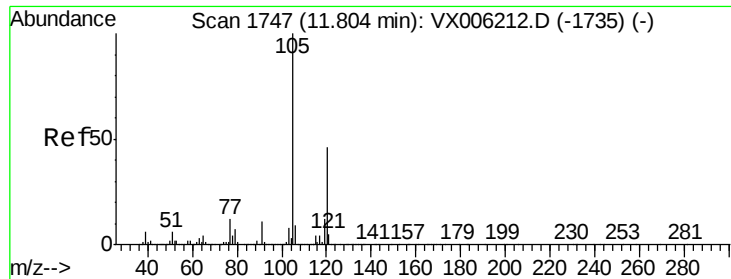
Tot Ion: 91 Resp: 1173880
Ion Ratio Lower Upper
91 100
126 33.4 16.4 49.4



#83
tert-Butylbenzene
Concen: 50.301 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion: 119 Resp: 1391884
Ion Ratio Lower Upper
119 100
91 53.2 26.4 79.2
134 23.1 11.6 34.7



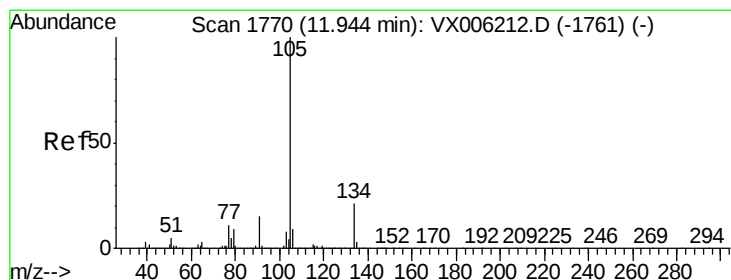
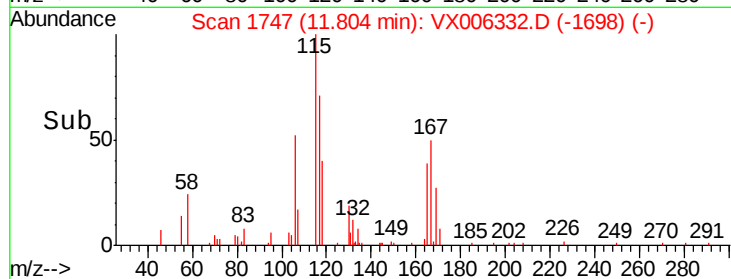
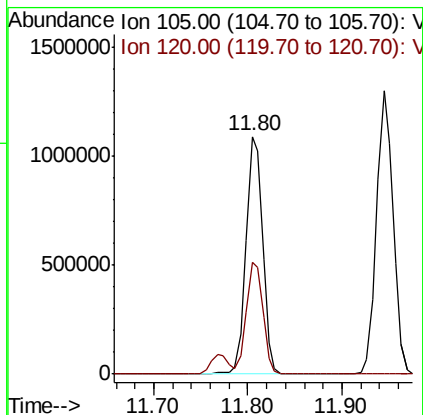
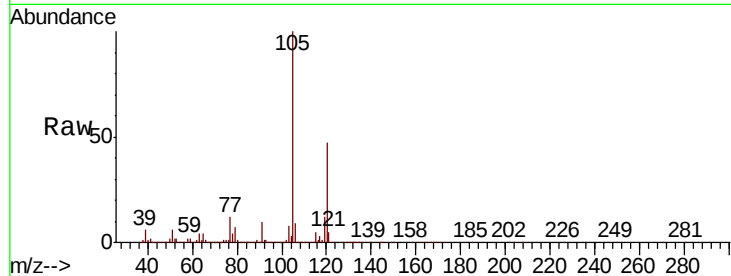


#84

1,2,4-Trimethylbenzene
Concen: 50.081 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampled :

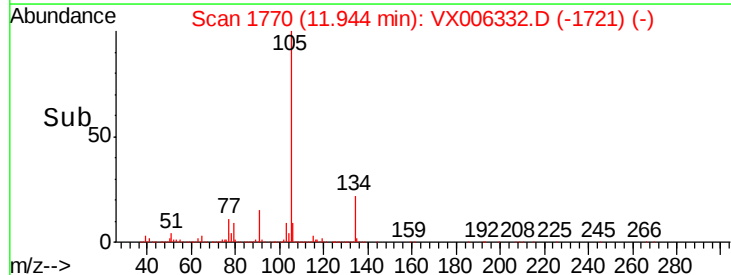
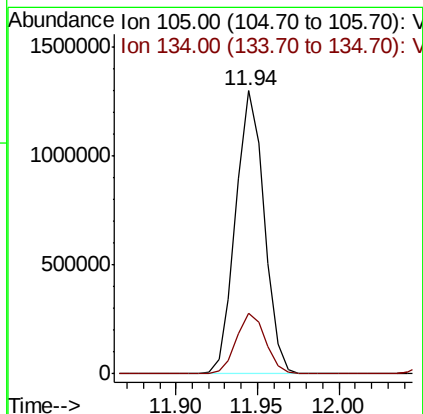
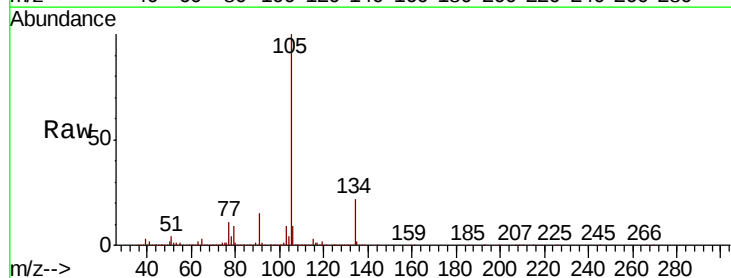
Tot Ion:105 Resp: 1341140
Ion Ratio Lower Upper
105 100
120 47.1 23.4 70.0

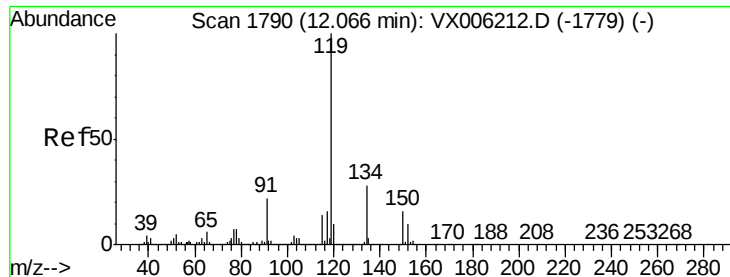


#85

sec-Butylbenzene
Concen: 50.463 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion:105 Resp: 1588549
Ion Ratio Lower Upper
105 100
134 21.8 10.8 32.4

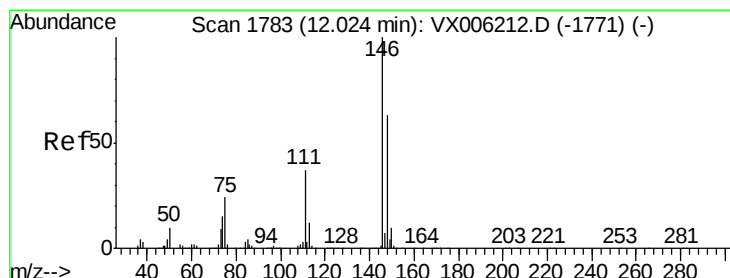
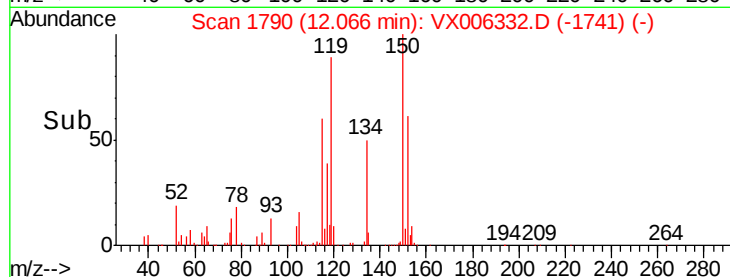
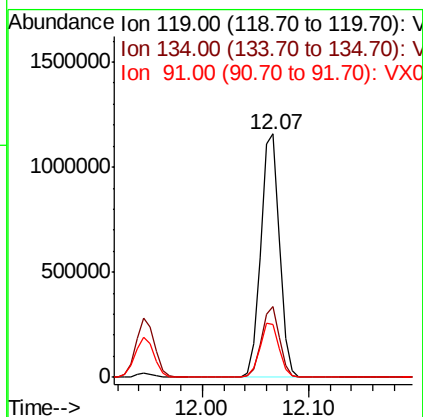
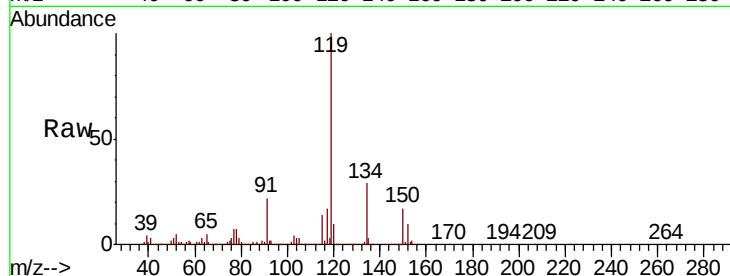




#86
 p-Isopropyltoluene
 Concen: 50.302 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

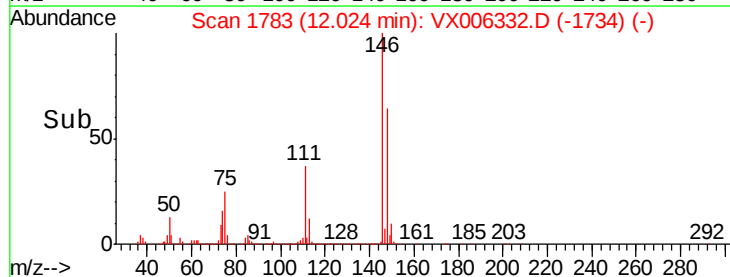
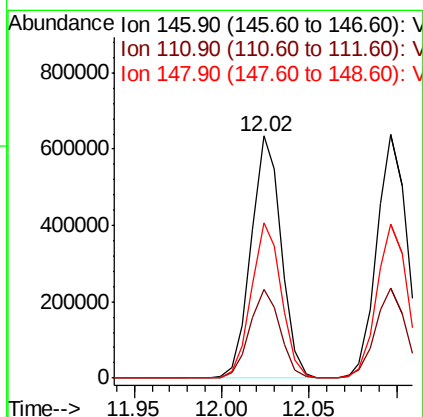
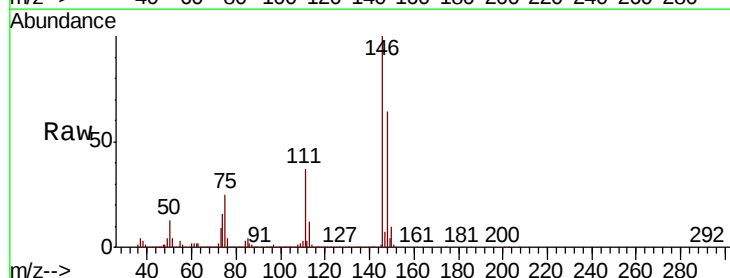
Instrument :
 MSVOA_X
 ClientSampleId :

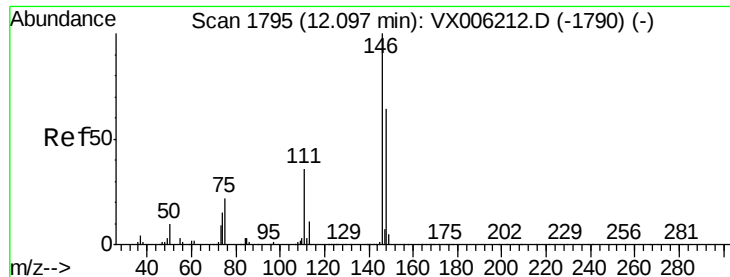
Tot Ion:119 Resp: 1425874
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.9 41.6
 91 22.4 11.3 33.8



#87
 1,3-Dichlorobenzene
 Concen: 49.801 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

Tgt Ion:146 Resp: 766532
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.4 55.2
 148 63.8 32.0 96.0





#88

1,4-Dichlorobenzene

Concen: 49.022 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

ClientSampled :

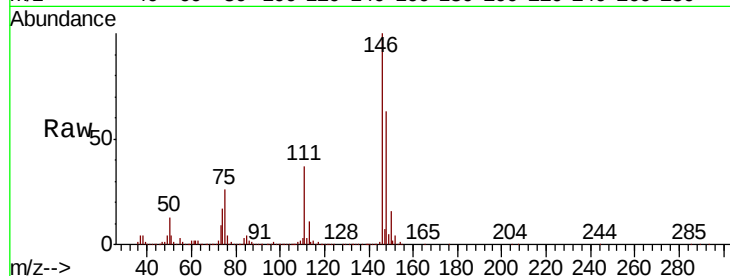
Tot Ion:146 Resp: 765844

Ion Ratio Lower Upper

146 100

111 36.8 18.3 54.8

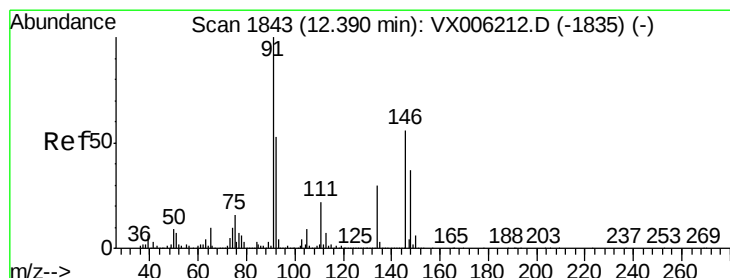
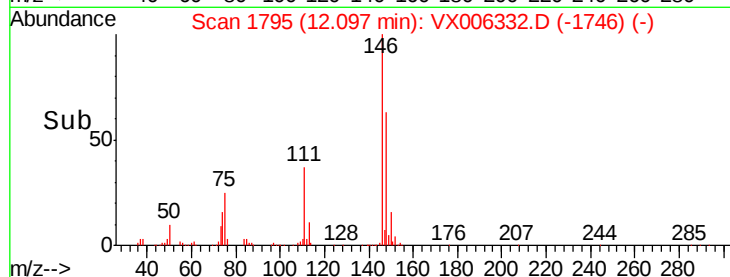
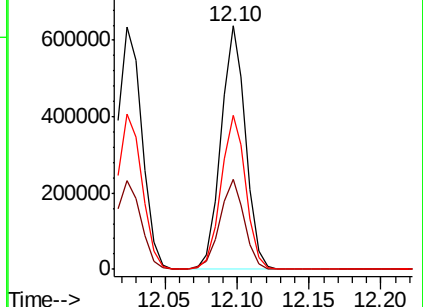
148 63.6 31.9 95.9



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: 49.077 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

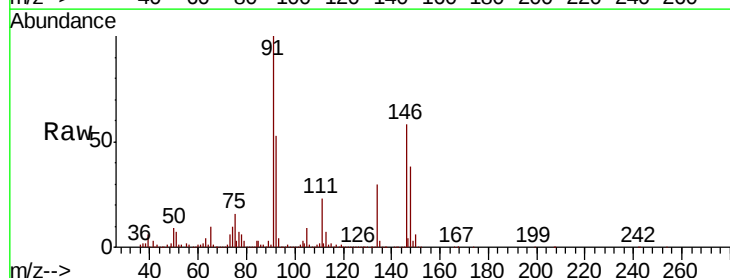
Tgt Ion: 91 Resp: 1186999

Ion Ratio Lower Upper

91 100

92 53.5 26.6 79.8

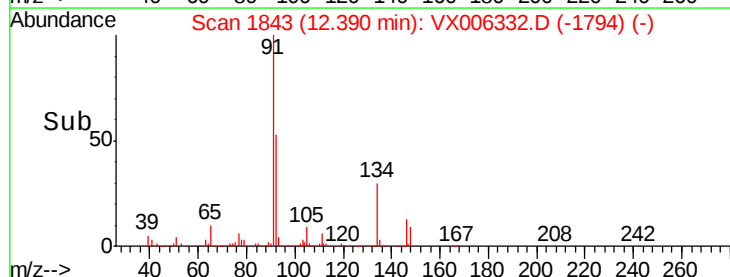
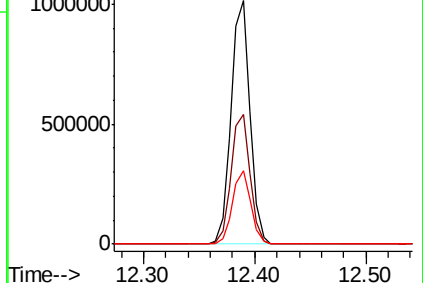
134 29.4 14.8 44.3

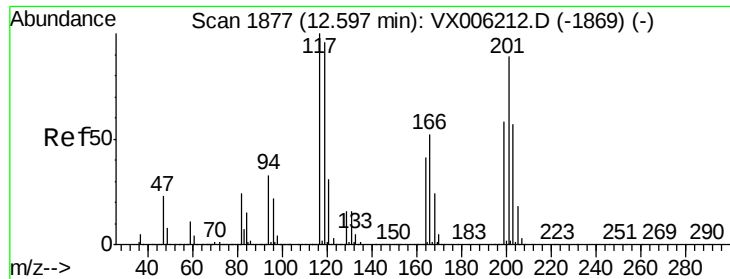


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 47.060 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

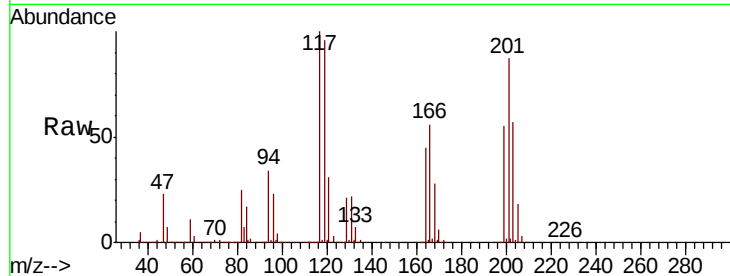
ClientSampleId :

Tot Ion:117 Resp: 271879

Ion Ratio Lower Upper

117 100

201 88.9 44.7 134.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.60

250000

200000

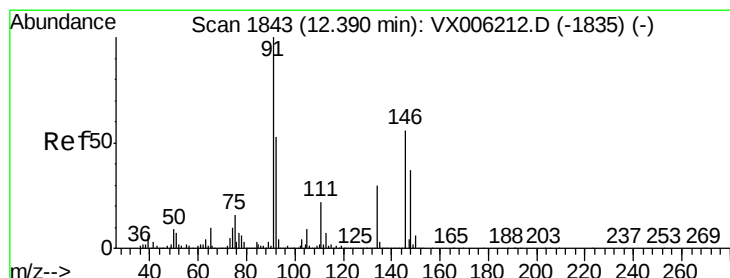
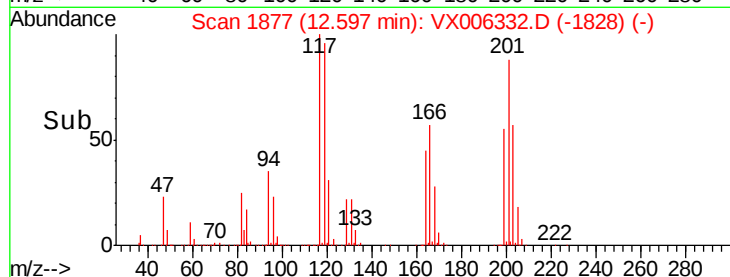
150000

100000

50000

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 49.562 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

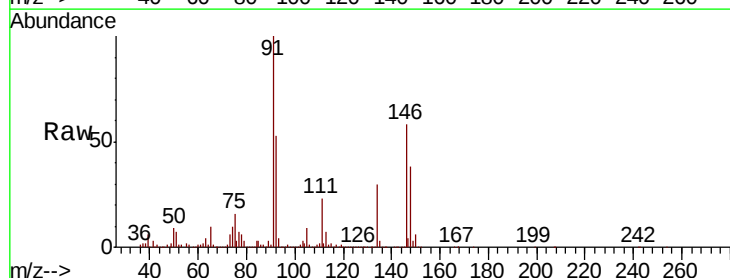
Tgt Ion:146 Resp: 757104

Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.3

148 64.2 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

800000

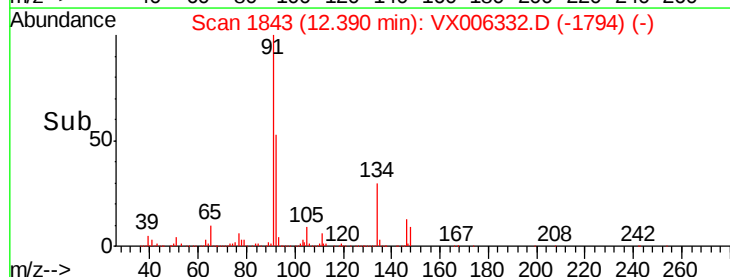
600000

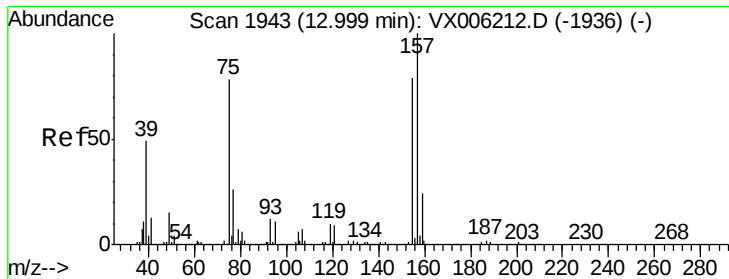
400000

200000

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 45.365 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

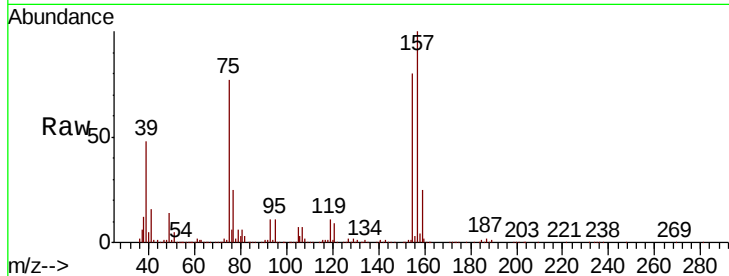
Tot Ion: 75 Resp: 115962

Ion Ratio Lower Upper

75 100

155 105.3 53.4 160.3

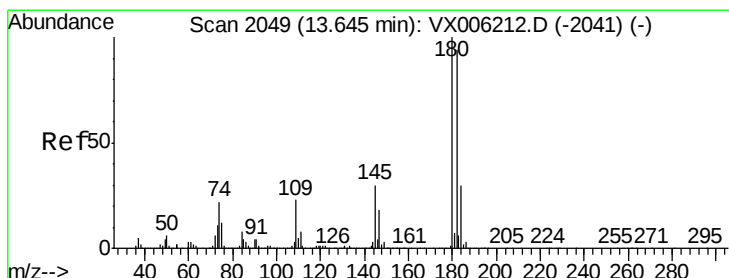
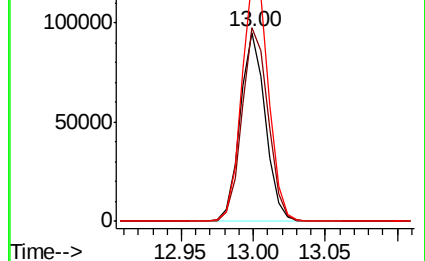
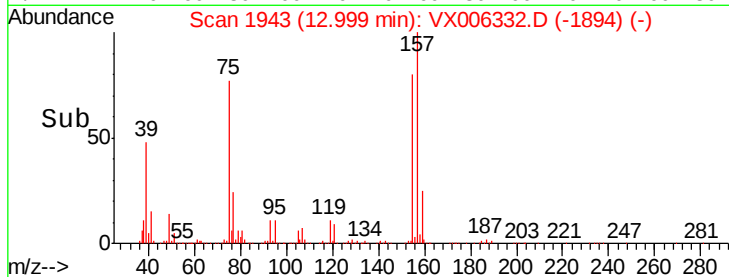
157 134.8 68.0 203.8



Abundance Ion 74.90 (74.60 to 75.60): VX006332.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX006332.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX006332.D (-1894) (-)



#93

1,2,4-Trichlorobenzene

Concen: 49.176 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

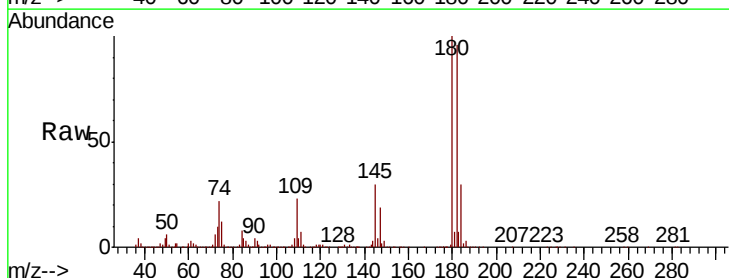
Tgt Ion: 180 Resp: 548049

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.9

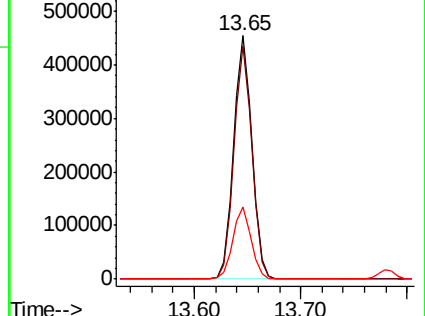
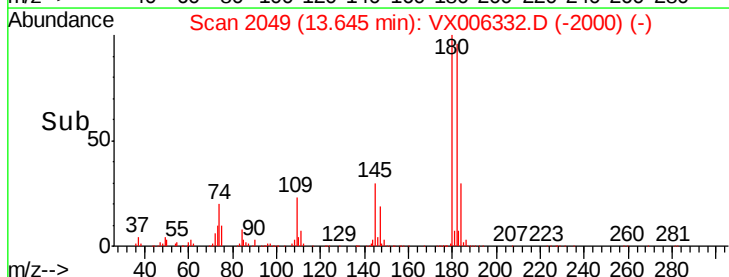
145 29.8 14.6 43.8

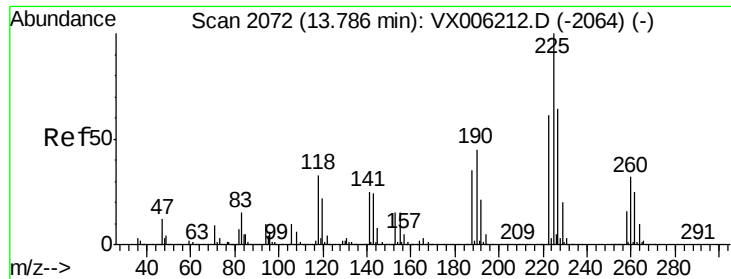


Abundance Ion 179.80 (179.50 to 180.50): VX006332.D (-2000) (-)

Ion 181.80 (181.50 to 182.50): VX006332.D (-2000) (-)

Ion 144.80 (144.50 to 145.50): VX006332.D (-2000) (-)





#94

Hexachlorobutadiene

Concen: 50.346 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VX006332.D

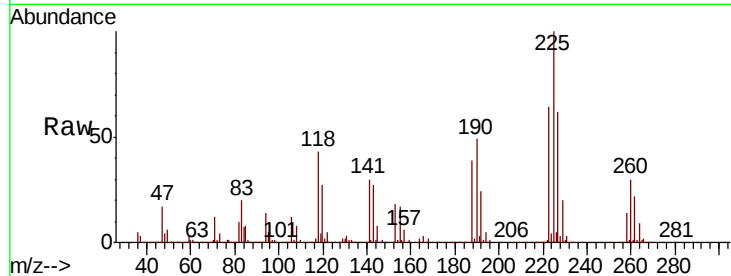
Acq: 06 Dec 2018 21:23

Instrument :

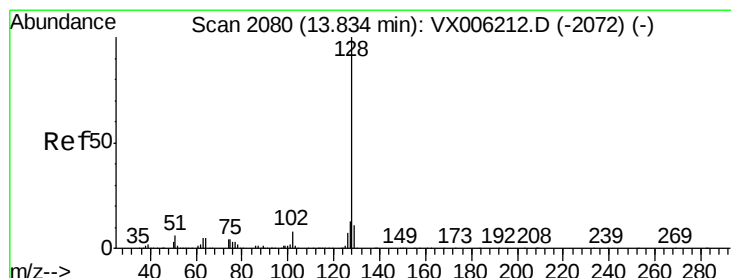
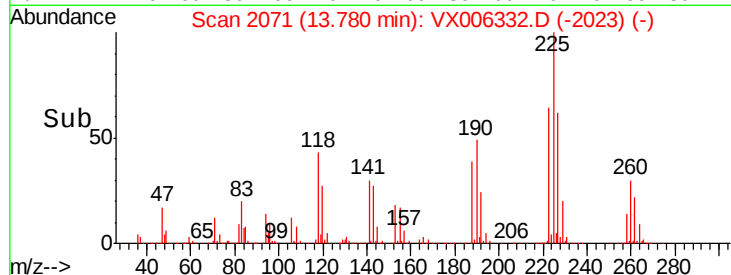
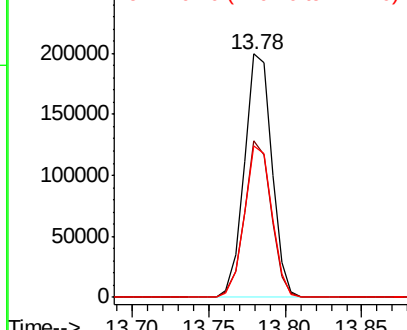
MSVOA_X

ClientSampled :

Tot Ion:	225	Resp:	248137
Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.2	93.6
227	62.4	31.9	95.5



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



#95

Naphthalene

Concen: 50.564 ug/l

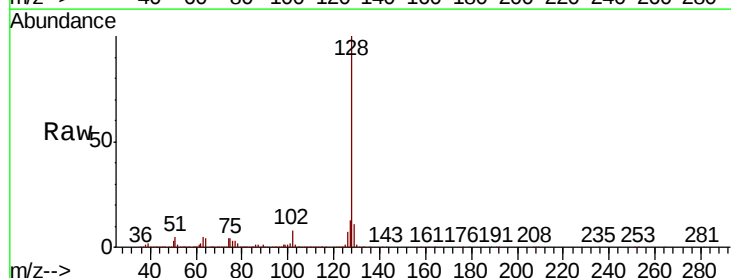
RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

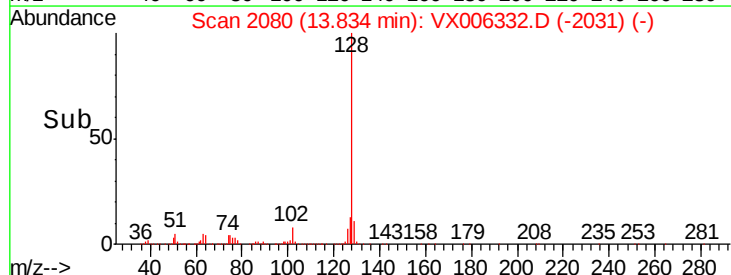
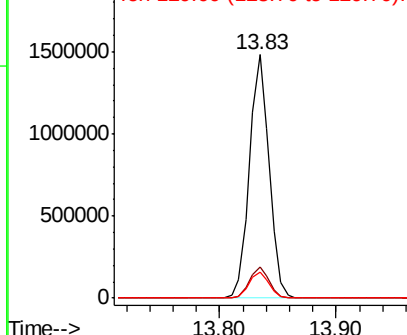
Lab File: VX006332.D

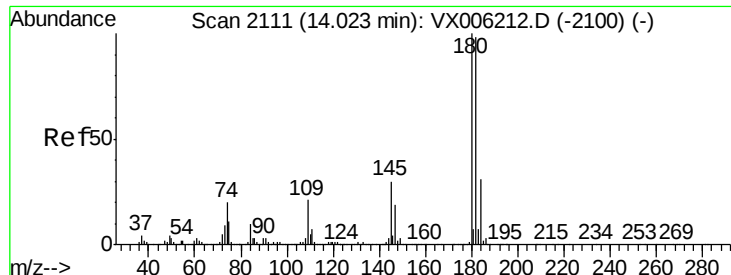
Acq: 06 Dec 2018 21:23

Tgt Ion:	128	Resp:	1752910
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.8	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 50.296 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.4	145.2
145	31.1	15.6	46.8

