

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006331.D
 Acq On : 06 Dec 2018 20:57
 Operator : JC/MD
 Sample : J6259-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 07 04:33:49 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	659115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	991611	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	900853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	471513	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	335377	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
35) Dibromofluoromethane	5.51	113	323502	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	
50) Toluene-d8	8.71	98	1143423	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	11.13	95	429941	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	333036	51.604	ug/l	98
3) Chloromethane	1.33	50	312510	47.122	ug/l	99
4) Vinyl Chloride	1.41	62	346160	48.497	ug/l	98
5) Bromomethane	1.64	94	239019	48.319	ug/l	97
6) Chloroethane	1.71	64	215105	49.151	ug/l	99
7) Trichlorofluoromethane	1.93	101	535392	48.865	ug/l	98
8) Diethyl Ether	2.19	74	208157	50.198	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	308307	49.486	ug/l	99
10) Methyl Iodide	2.51	142	441872	47.063	ug/l	99
11) Tert butyl alcohol	3.07	59	453254	246.321	ug/l	100
12) 1,1-Dichloroethene	2.37	96	289293	48.506	ug/l	97
13) Acrolein	2.30	56	228637	227.335	ug/l	100
14) Allyl chloride	2.73	41	542885	46.080	ug/l	99
15) Acrylonitrile	3.15	53	945787	246.309	ug/l	100
16) Acetone	2.45	43	787868	249.511	ug/l	99
17) Carbon Disulfide	2.57	76	796701	43.351	ug/l	98
18) Methyl Acetate	2.78	43	498025	47.162	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	1050870	49.392	ug/l	98
20) Methylene Chloride	2.85	84	328488	48.880	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	307481	48.379	ug/l	94
22) Diisopropyl ether	3.87	45	927366	50.395	ug/l	97
23) Vinyl Acetate	3.82	43	3553441	226.399	ug/l	100
24) 1,1-Dichloroethane	3.70	63	528903	50.285	ug/l	99
25) 2-Butanone	4.70	43	1141415	253.338	ug/l	97
26) 2,2-Dichloropropane	4.59	77	409815	42.218	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	368744	52.013	ug/l	96
28) Bromochloromethane	5.02	49	234412	51.023	ug/l	98
29) Tetrahydrofuran	5.15	42	770390	246.027	ug/l	98
30) Chloroform	5.21	83	563227	50.956	ug/l	97
31) Cyclohexane	5.57	56	458170	47.135	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	516253	49.088	ug/l	99
36) 1,1-Dichloropropene	5.80	75	401298	48.057	ug/l	99
37) Ethyl Acetate	4.85	43	412102	44.069	ug/l	99
38) Carbon Tetrachloride	5.78	117	471538	48.001	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120618\
 Data File : VX006331.D
 Acq On : 06 Dec 2018 20:57
 Operator : JC/MD
 Sample : J6259-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 07 04:33:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	515122	47.524	ug/l	97
40) Benzene	6.14	78	1238294	49.512	ug/l	100
41) Methacrylonitrile	5.06	41	242351	47.099	ug/l	98
42) 1,2-Dichloroethane	6.20	62	410171	50.110	ug/l	100
43) Isopropyl Acetate	6.46	43	698438	44.796	ug/l	99
44) Trichloroethene	7.21	130	396092	52.278	ug/l	97
45) 1,2-Dichloropropane	7.51	63	313451	49.313	ug/l	98
46) Dibromomethane	7.66	93	225061	49.025	ug/l	99
47) Bromodichloromethane	7.90	83	426942	48.025	ug/l	99
48) Methyl methacrylate	7.77	41	358039	47.203	ug/l	97
49) 1,4-Dioxane	7.75	88	187535	1003.161	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2204088	242.836	ug/l	99
52) Toluene	8.79	92	806152	48.994	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	474866	45.674	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	503206	46.610	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	338072	50.575	ug/l	99
56) Ethyl methacrylate	9.18	69	508254	48.636	ug/l	98
57) 1,3-Dichloropropane	9.37	76	536374	50.744	ug/l	100
59) 2-Hexanone	9.49	43	1636418	235.985	ug/l	98
60) Dibromochloromethane	9.59	129	395223	47.948	ug/l	100
61) 1,2-Dibromoethane	9.67	107	372052	49.777	ug/l	100
64) Tetrachloroethene	9.34	164	331190	48.818	ug/l	99
65) Chlorobenzene	10.14	112	960051	50.204	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	360680	48.544	ug/l	100
67) Ethyl Benzene	10.25	91	1557240	48.961	ug/l	100
68) m/p-Xylenes	10.36	106	1248929	98.029	ug/l	99
69) o-Xylene	10.70	106	614819	48.855	ug/l	100
70) Styrene	10.71	104	997295	48.998	ug/l	99
71) Bromoform	10.86	173	317061	45.205	ug/l #	100
73) Isopropylbenzene	11.02	105	1634585	50.199	ug/l	100
74) N-amyl acetate	10.90	43	589161	42.017	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	510500	49.005	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	597227	65.622	ug/l	86
77) Bromobenzene	11.26	156	443652	49.095	ug/l	99
78) n-propylbenzene	11.36	91	1793404	49.547	ug/l	99
79) 2-Chlorotoluene	11.42	91	1057654	49.163	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1346389	49.696	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	161491	41.641	ug/l	92
82) 4-Chlorotoluene	11.51	91	1214121	48.540	ug/l	99
83) tert-Butylbenzene	11.77	119	1435025	49.643	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1387057	49.581	ug/l	100
85) sec-Butylbenzene	11.94	105	1637676	49.799	ug/l	99
86) p-Isopropyltoluene	12.06	119	1477295	49.888	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	793240	49.333	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	788756	48.330	ug/l	100
89) n-Butylbenzene	12.39	91	1217344	48.180	ug/l	99
90) Hexachloroethane	12.60	117	277310	45.948	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	783588	49.103	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	118504	44.377	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	563274	48.381	ug/l	99

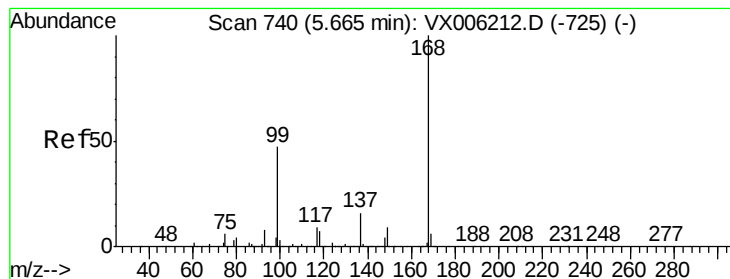
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
Data File : VX006331.D
Acq On : 06 Dec 2018 20:57
Operator : JC/MD
Sample : J6259-06MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 07 04:33:49 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)
94) Hexachlorobutadiene	13.78	225	249886	48.533	ug/l	99
95) Naphthalene	13.83	128	1793783	49.531	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	560790	48.631	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

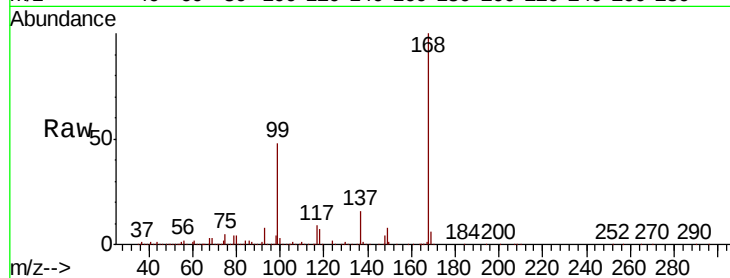
ClientSampleId :

Tot Ion:168 Resp: 659115

Ion Ratio Lower Upper

168 100

99 47.3 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006331.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX006331.D (-691) (-)

5.67

250000

200000

150000

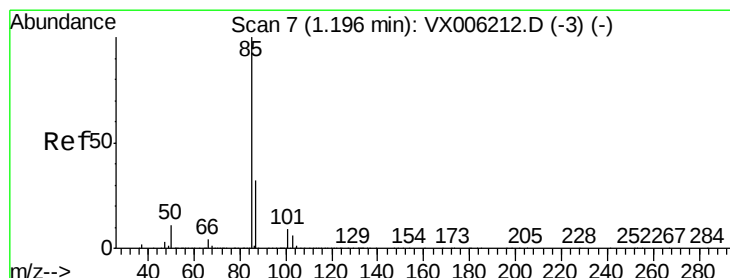
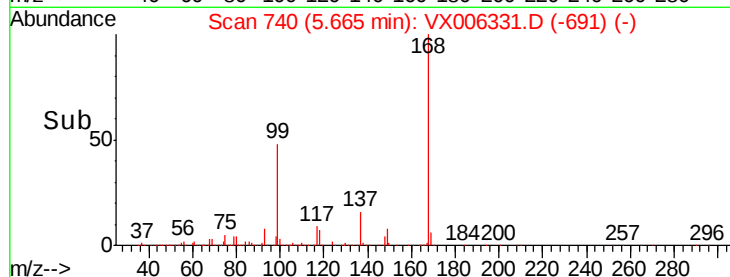
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.604 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006331.D

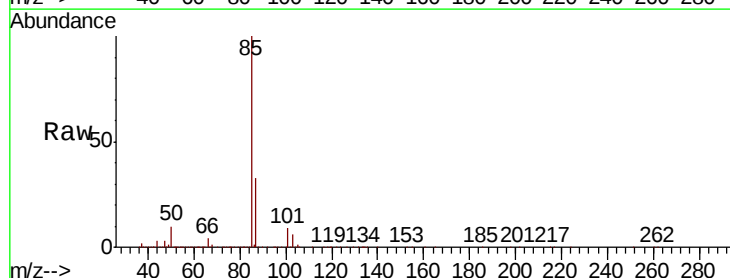
Acq: 06 Dec 2018 20:57

Tgt Ion: 85 Resp: 333036

Ion Ratio Lower Upper

85 100

87 33.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX006331.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX006331.D (-1) (-)

1.20

300000

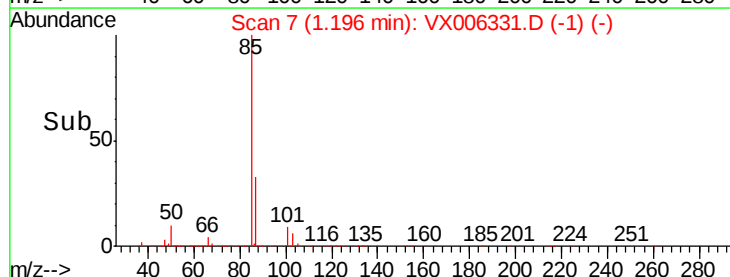
200000

100000

0

Time-->

1.15 1.20 1.25 1.30

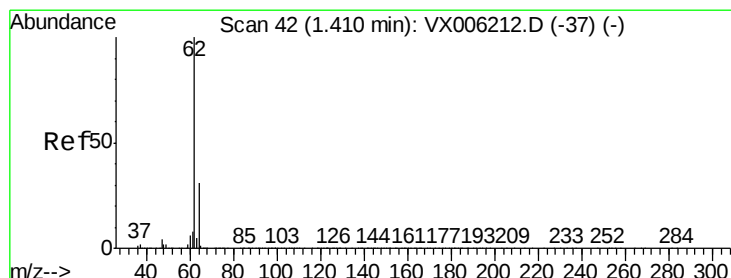
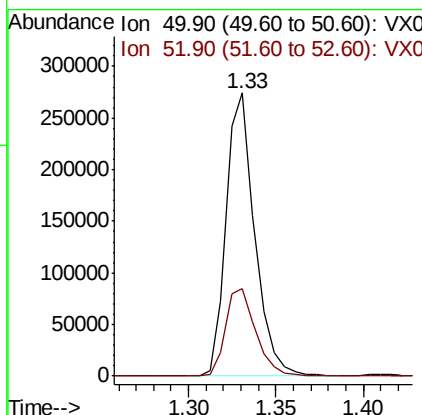
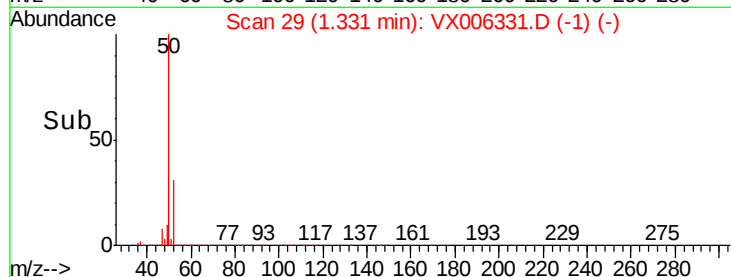
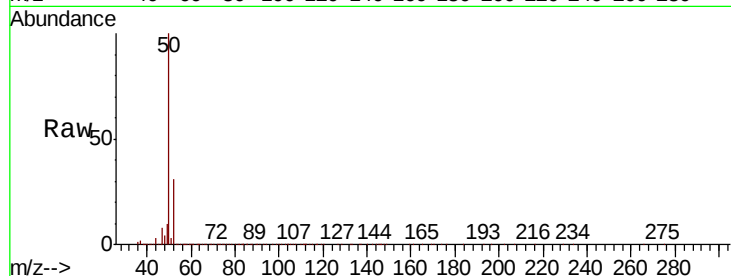




#3
Chloromethane
Concen: 47.122 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006331.D
Acq: 06 Dec 2018 20:57

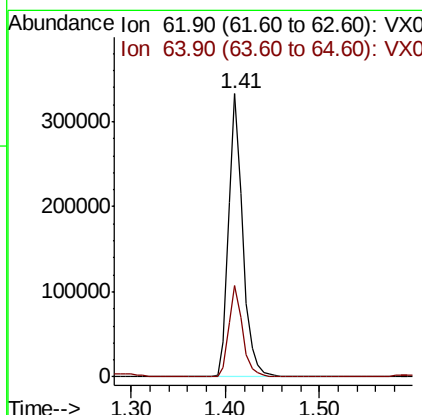
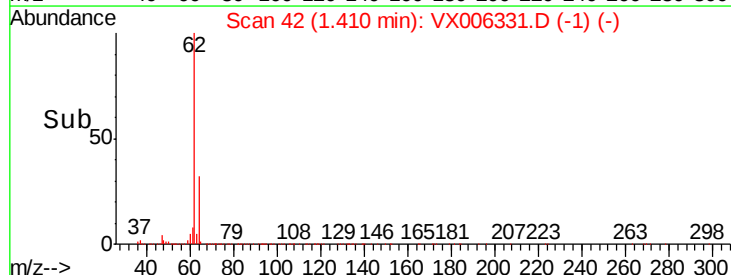
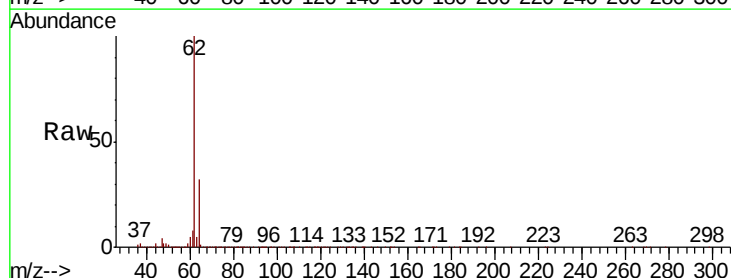
Instrument :
MSVOA_X
ClientSampleId :

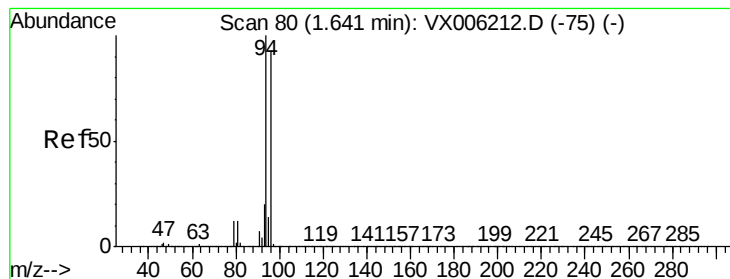
Tot Ion: 50 Resp: 312510
Ion Ratio Lower Upper
50 100
52 31.1 25.2 37.8



#4
Vinyl Chloride
Concen: 48.497 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006331.D
Acq: 06 Dec 2018 20:57

Tgt Ion: 62 Resp: 346160
Ion Ratio Lower Upper
62 100
64 32.1 24.9 37.3





#5

Bromomethane

Concen: 48.319 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

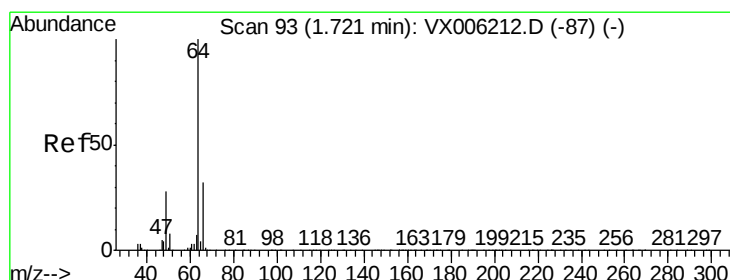
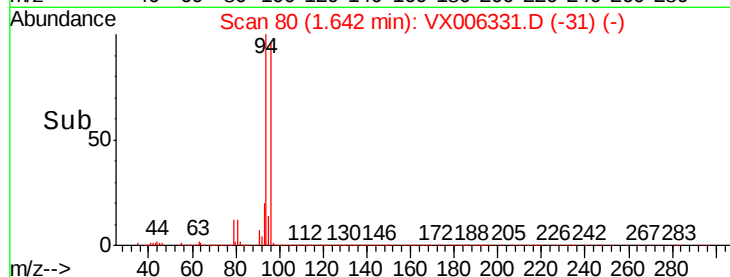
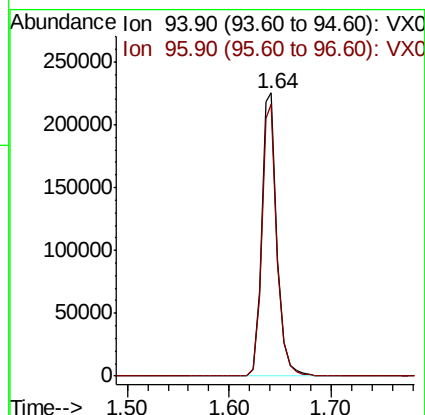
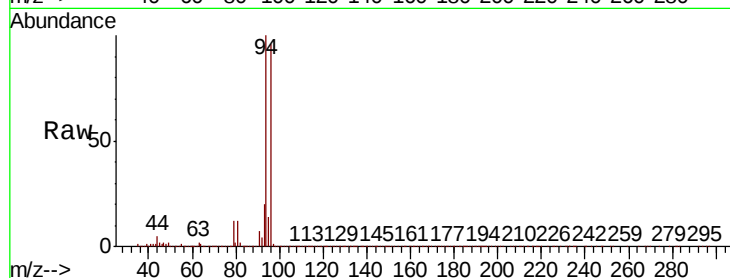
ClientSampleId :

Tot Ion: 94 Resp: 239019

Ion Ratio Lower Upper

94 100

96 95.9 74.5 111.7



#6

Chloroethane

Concen: 49.151 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006331.D

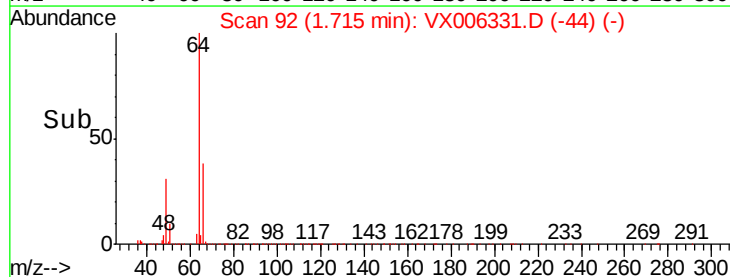
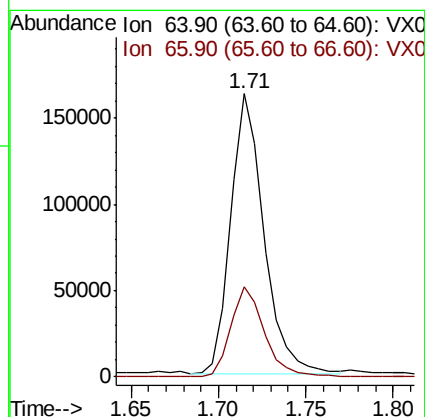
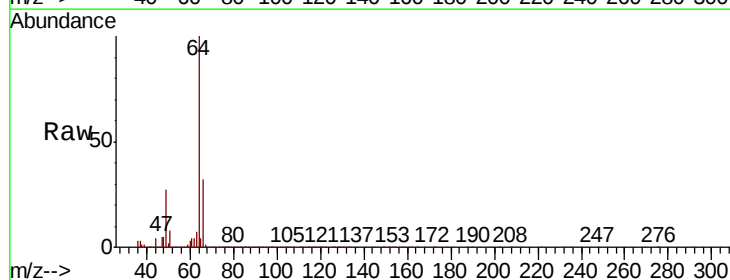
Acq: 06 Dec 2018 20:57

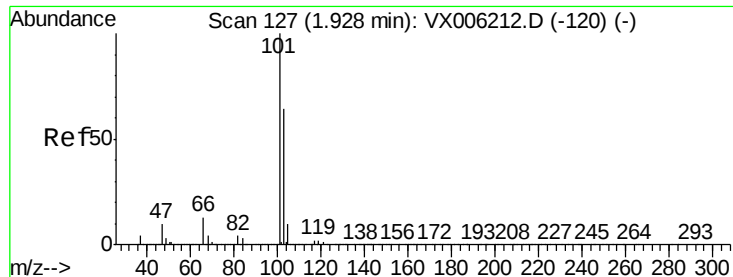
Tgt Ion: 64 Resp: 215105

Ion Ratio Lower Upper

64 100

66 31.8 25.9 38.9



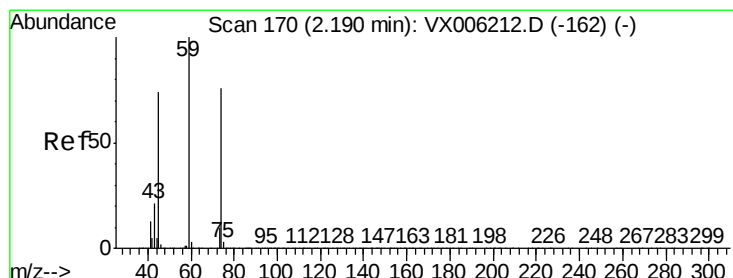
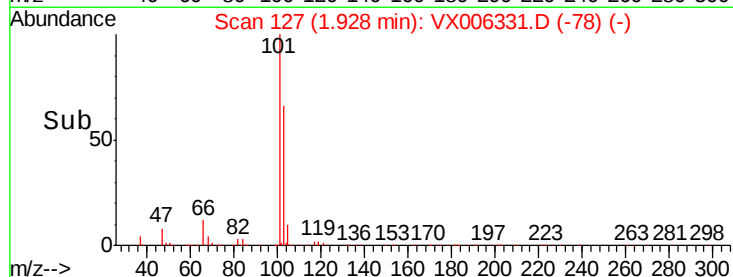
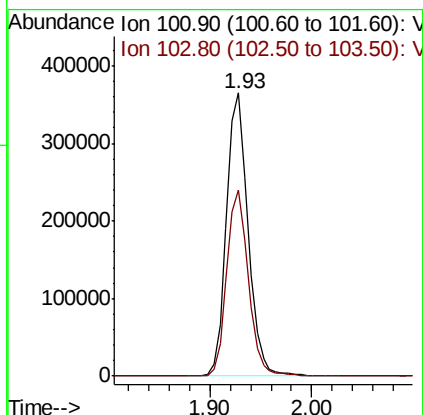
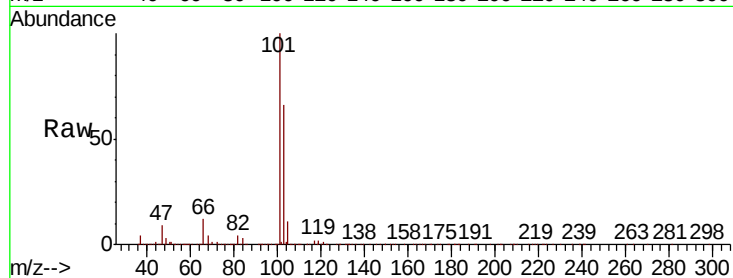


#7

Trichlorofluoromethane
Concen: 48.865 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006331.D
Acq: 06 Dec 2018 20:57

Instrument :
MSVOA_X
ClientSampleId :

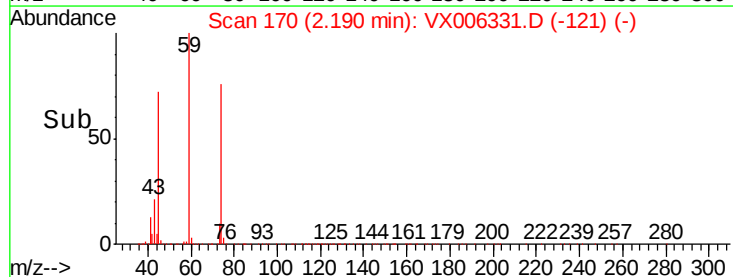
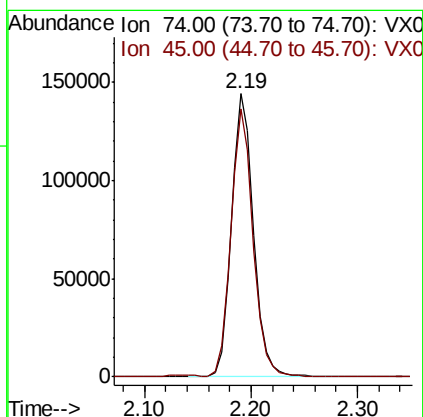
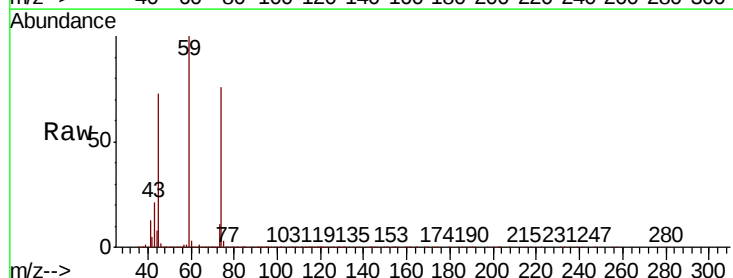
Tot Ion:101 Resp: 535392
Ion Ratio Lower Upper
101 100
103 65.5 51.0 76.4

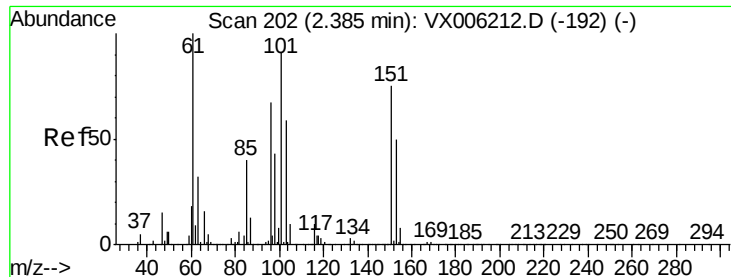


#8

Diethyl Ether
Concen: 50.198 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006331.D
Acq: 06 Dec 2018 20:57

Tgt Ion: 74 Resp: 208157
Ion Ratio Lower Upper
74 100
45 94.7 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.486 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

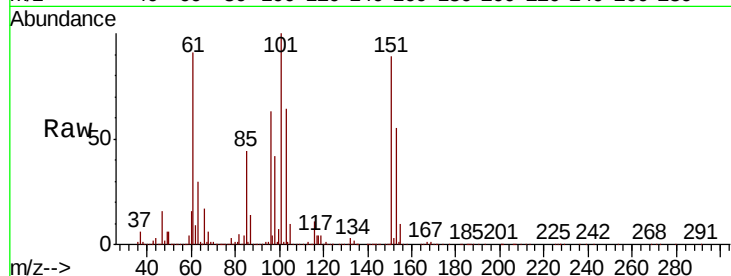
Tot Ion:101 Resp: 308307

Ion Ratio Lower Upper

101 100

85 44.5 35.5 53.3

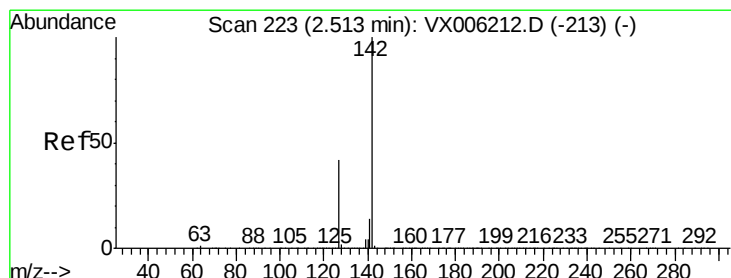
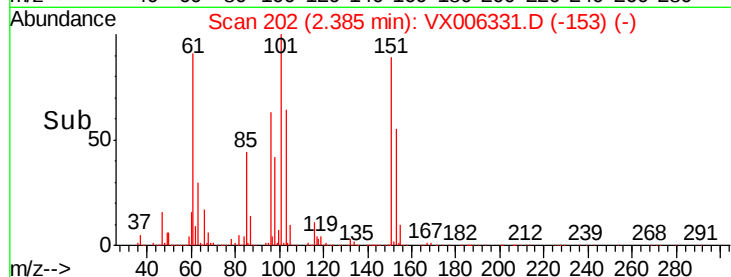
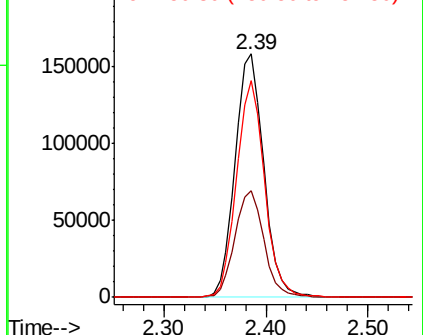
151 87.2 68.6 103.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.063 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

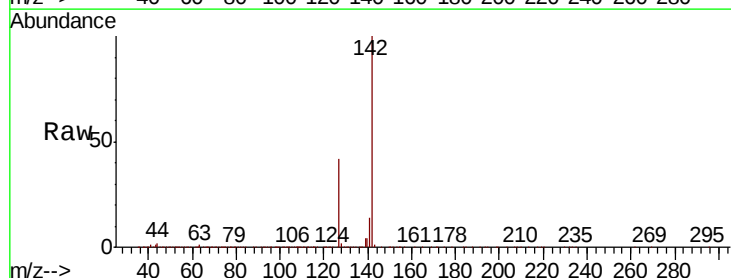
Tgt Ion:142 Resp: 441872

Ion Ratio Lower Upper

142 100

127 42.6 34.8 52.2

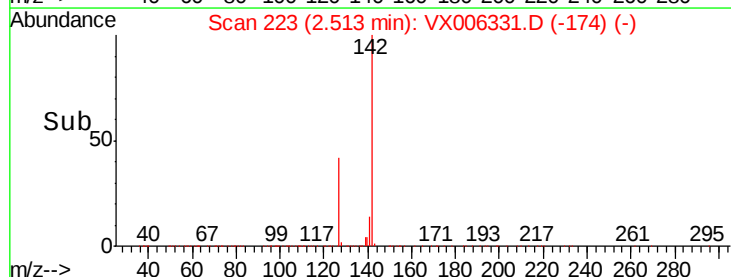
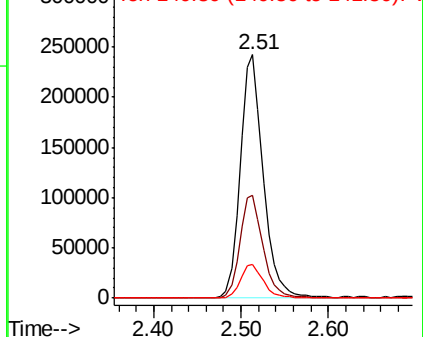
141 14.0 11.4 17.2

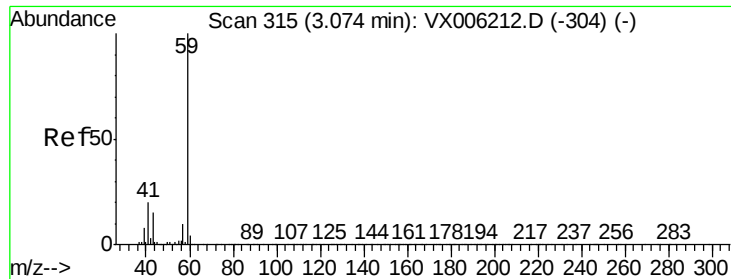


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

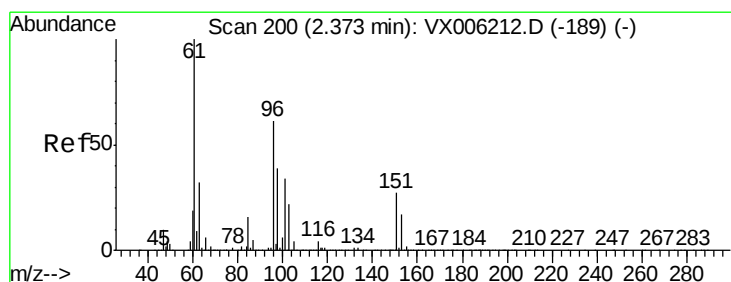
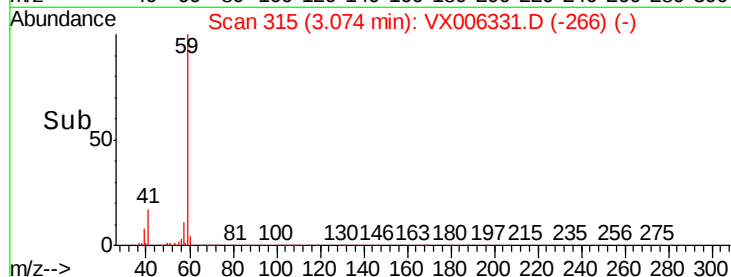
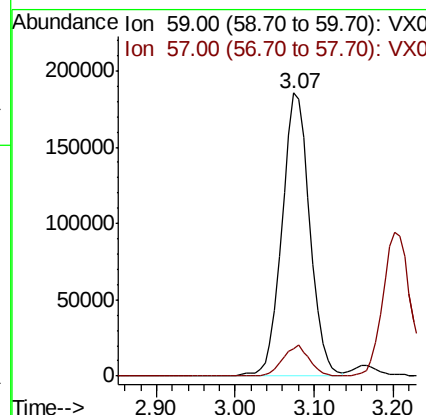
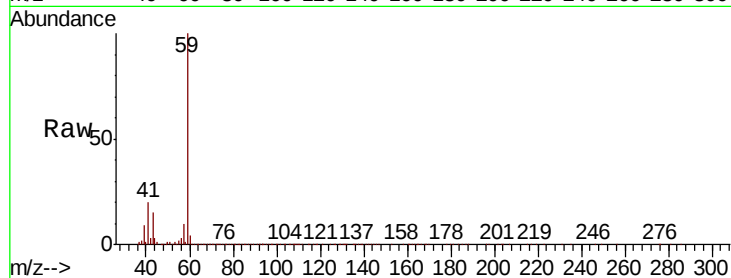




#11
Tert butyl alcohol
Concen: 246.321 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006331.D
Acq: 06 Dec 2018 20:57

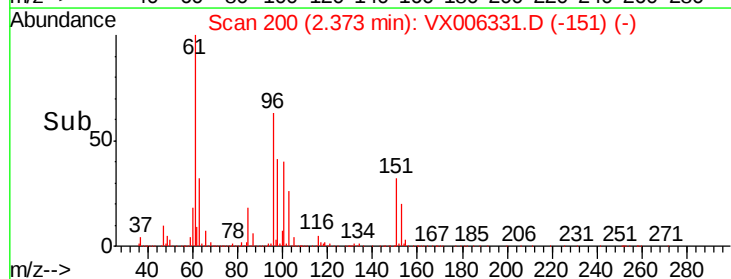
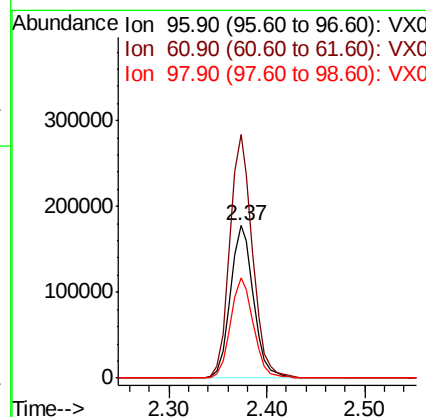
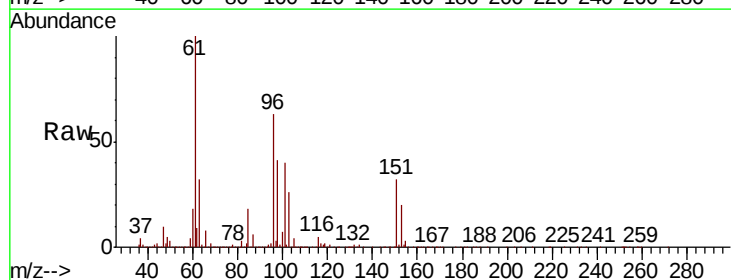
Instrument :
MSVOA_X
ClientSampleId :

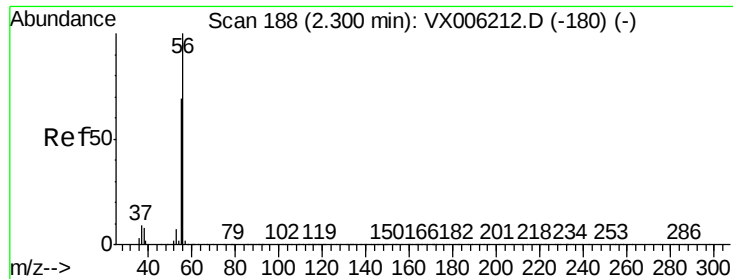
Tot Ion: 59 Resp: 453254
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 48.506 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006331.D
Acq: 06 Dec 2018 20:57

Tgt Ion: 96 Resp: 289293
Ion Ratio Lower Upper
96 100
61 159.7 131.7 197.5
98 65.4 51.8 77.6





#13

Acrolein

Concen: 227.335 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

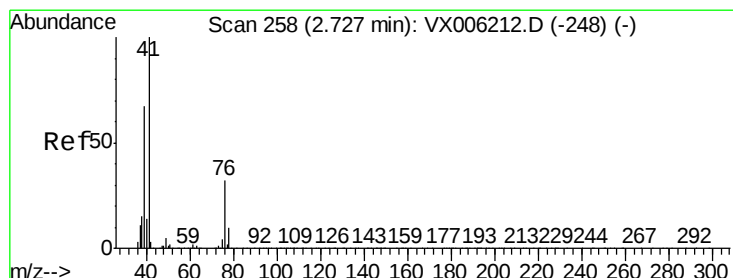
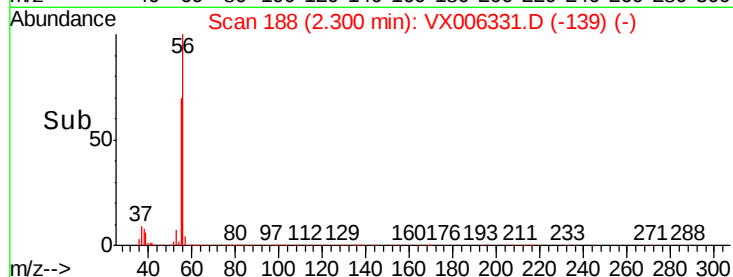
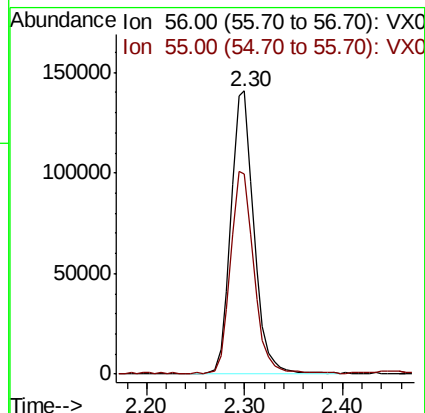
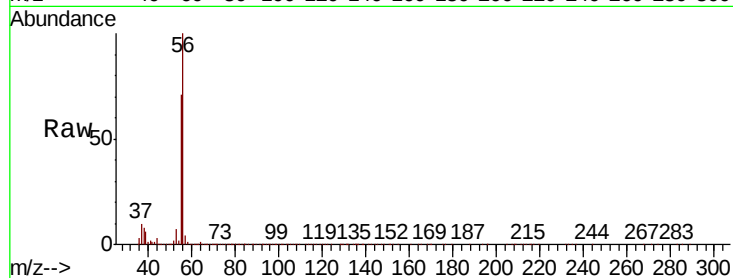
ClientSampleId :

Tot Ion: 56 Resp: 228637

Ion Ratio Lower Upper

56 100

55 72.3 57.8 86.6



#14

Allyl chloride

Concen: 46.080 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

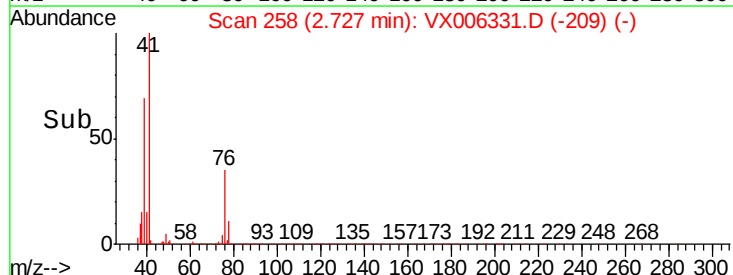
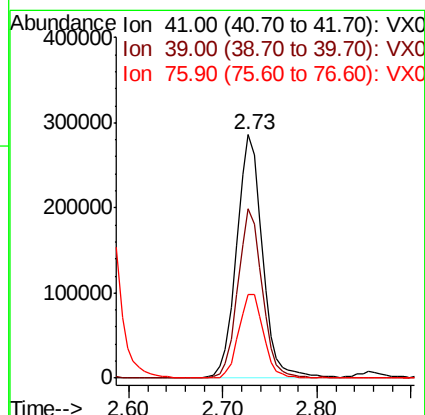
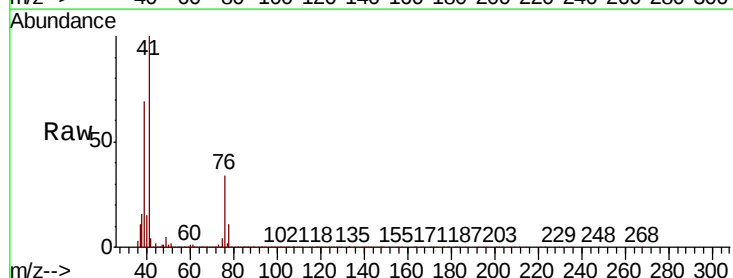
Tgt Ion: 41 Resp: 542885

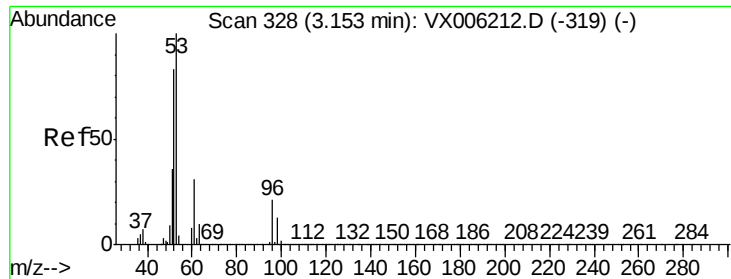
Ion Ratio Lower Upper

41 100

39 65.5 52.4 78.6

76 33.2 25.4 38.0





#15

Acrylonitrile

Concen: 246.309 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

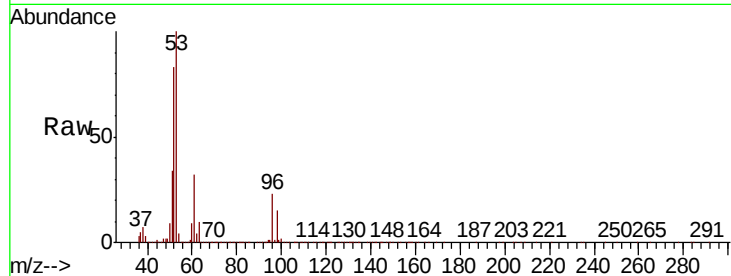
Tot Ion: 53 Resp: 945787

Ion Ratio Lower Upper

53 100

52 82.8 66.2 99.4

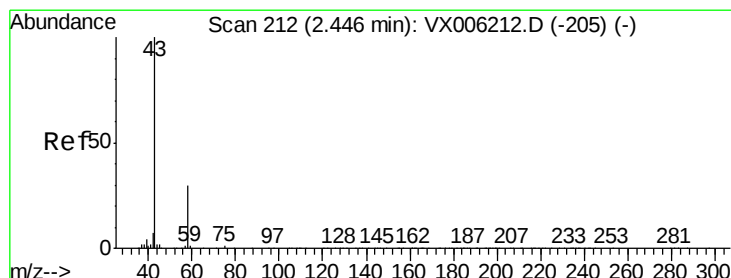
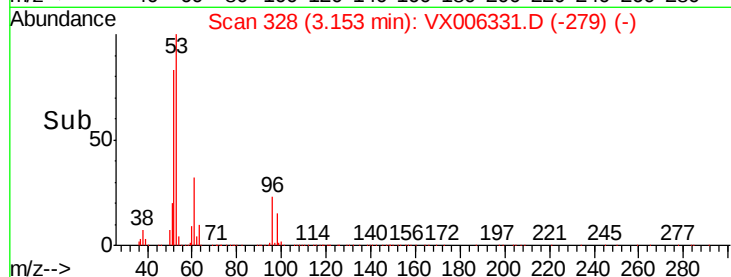
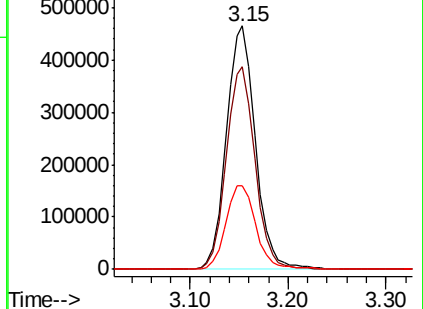
51 36.1 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 249.511 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006331.D

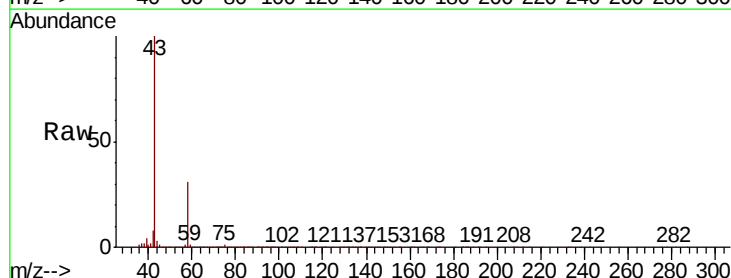
Acq: 06 Dec 2018 20:57

Tgt Ion: 43 Resp: 787868

Ion Ratio Lower Upper

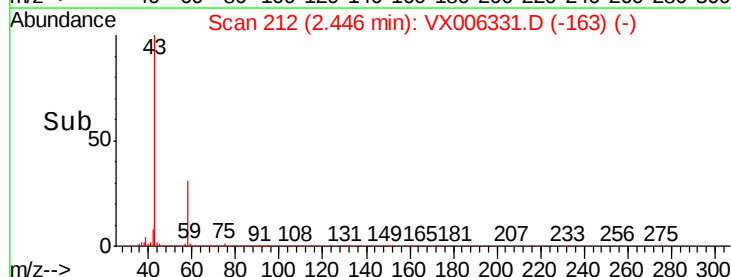
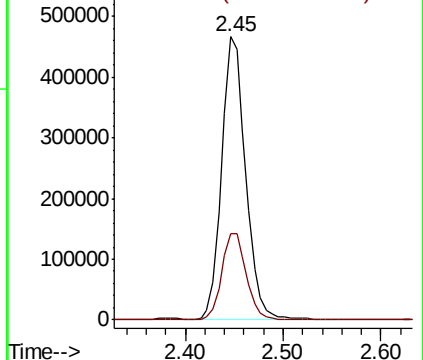
43 100

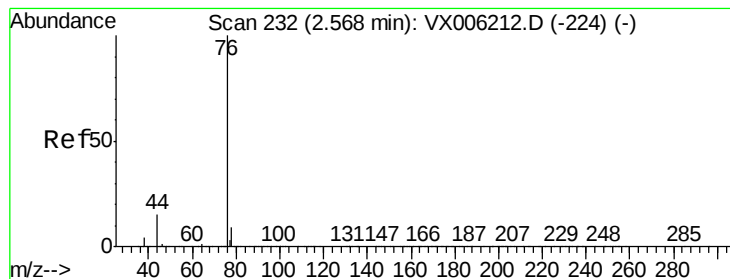
58 30.6 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 43.351 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

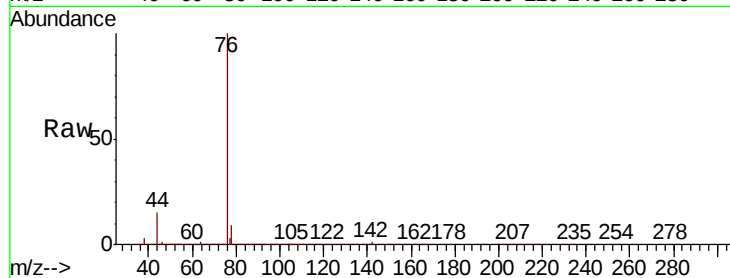
ClientSampleId :

Tot Ion: 76 Resp: 796701

Ion Ratio Lower Upper

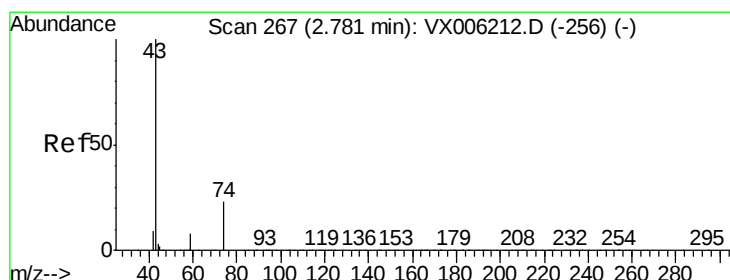
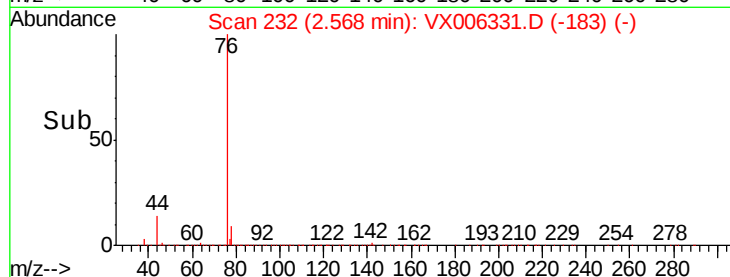
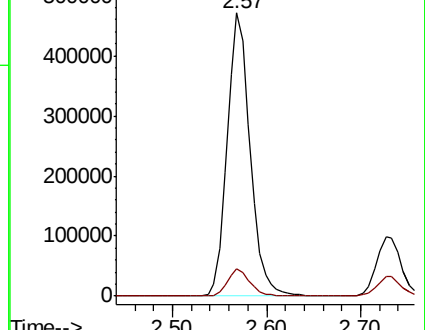
76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX006331.D (-183) (-)

Ion 77.90 (77.60 to 78.60): VX006331.D (-183) (-)



#18

Methyl Acetate

Concen: 47.162 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006331.D

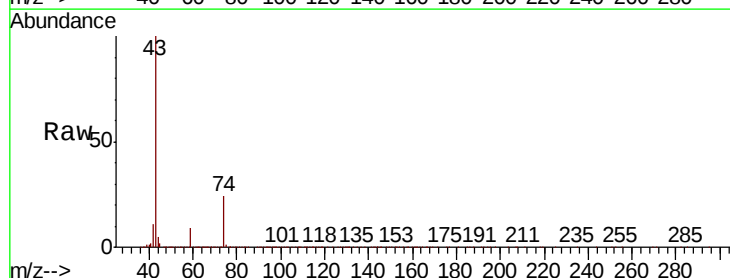
Acq: 06 Dec 2018 20:57

Tgt Ion: 43 Resp: 498025

Ion Ratio Lower Upper

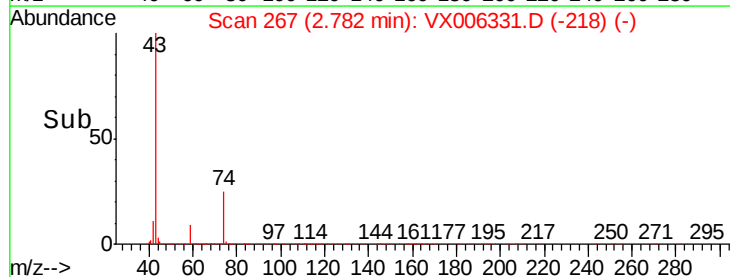
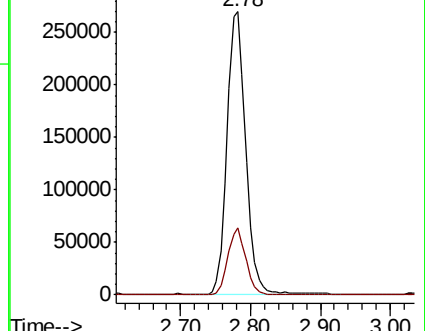
43 100

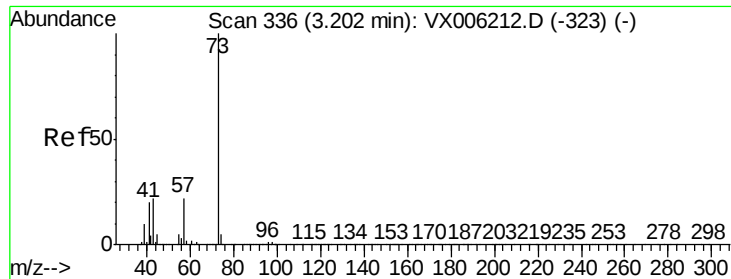
74 23.1 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX006331.D (-218) (-)

Ion 74.00 (73.70 to 74.70): VX006331.D (-218) (-)



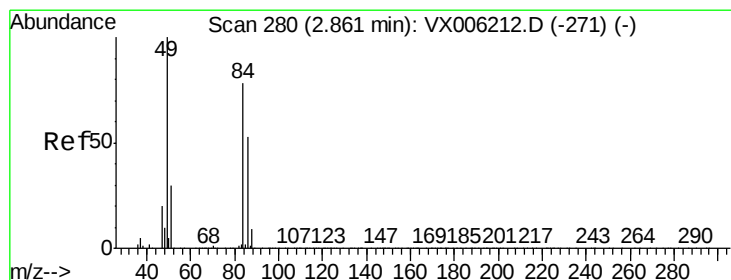
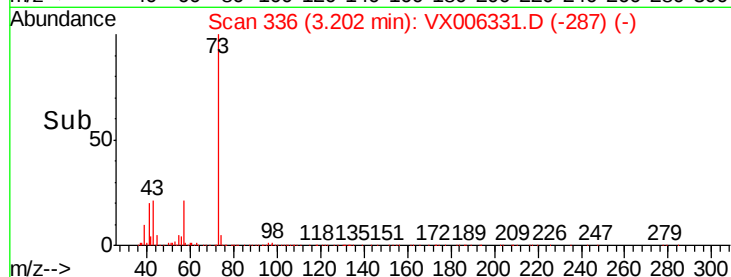
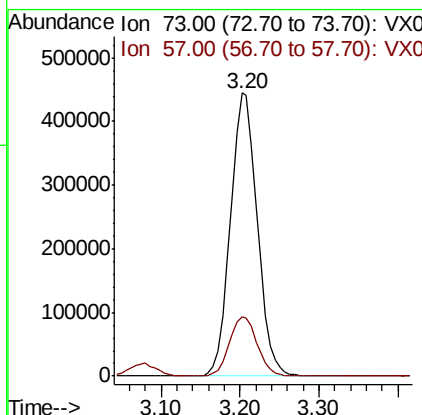
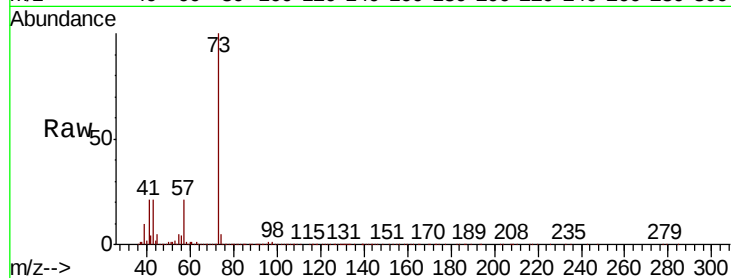


#19

Methyl tert-butyl Ether
 Concen: 49.392 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006331.D
 Acq: 06 Dec 2018 20:57

Instrument :
 MSVOA_X
 ClientSampled :

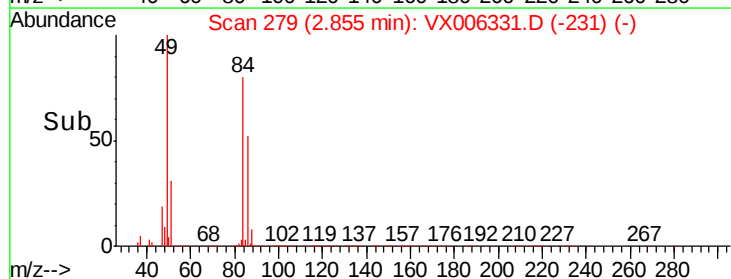
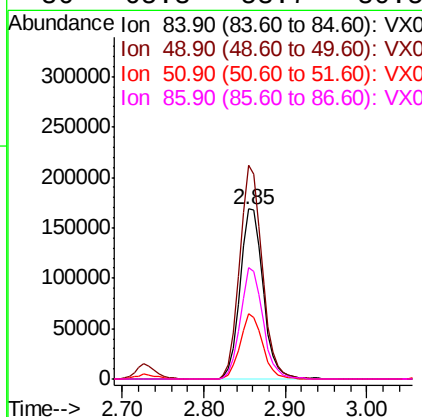
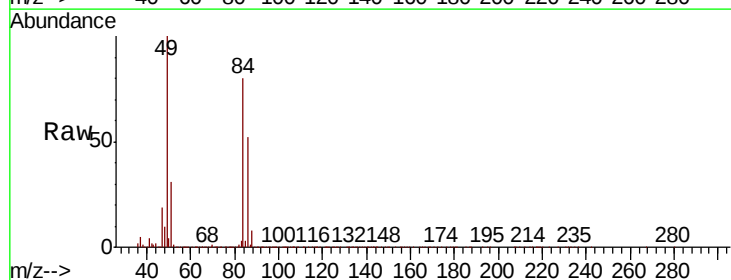
Tot Ion: 73 Resp: 1050870
 Ion Ratio Lower Upper
 73 100
 57 21.1 17.5 26.3

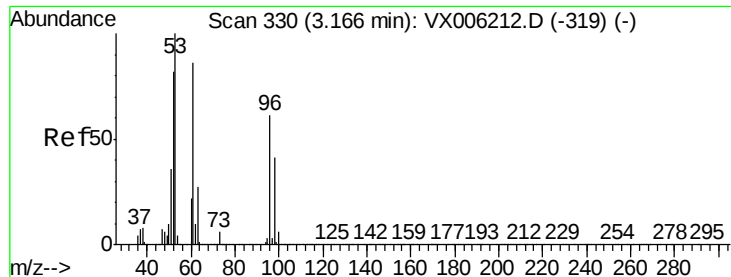


#20

Methylene Chloride
 Concen: 48.880 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006331.D
 Acq: 06 Dec 2018 20:57

Tgt Ion: 84 Resp: 328488
 Ion Ratio Lower Upper
 84 100
 49 125.6 102.2 153.4
 51 38.5 31.1 46.7
 86 65.3 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 48.379 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :
MSVOA_X
ClientSampleId :

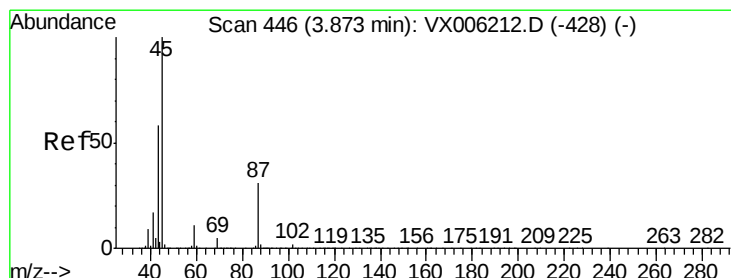
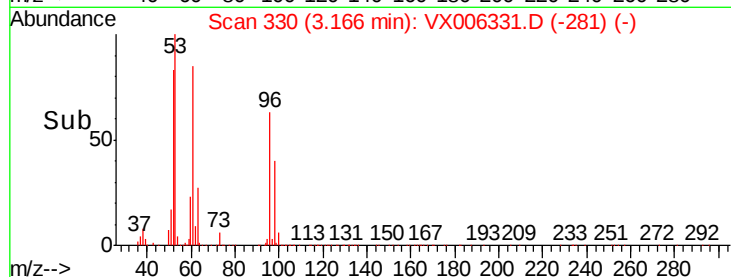
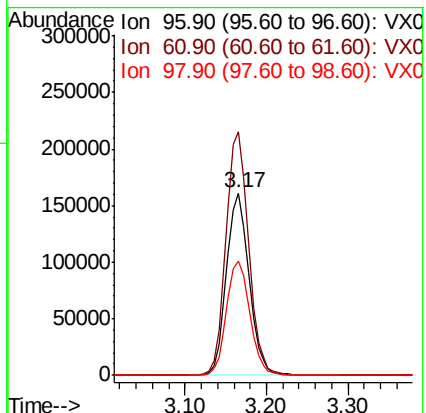
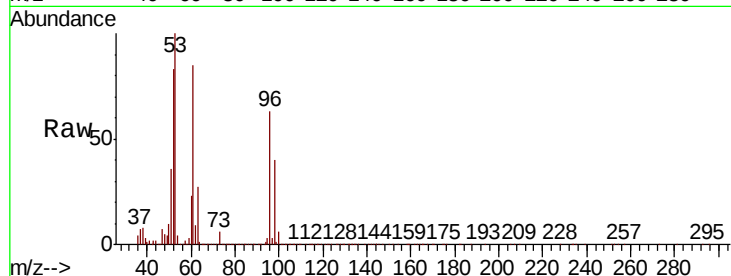
Tot Ion: 96 Resp: 307481

Ion Ratio Lower Upper

96 100

61 133.6 113.3 169.9

98 63.1 53.2 79.8



#22

Diisopropyl ether

Concen: 50.395 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Tgt Ion: 45 Resp: 927366

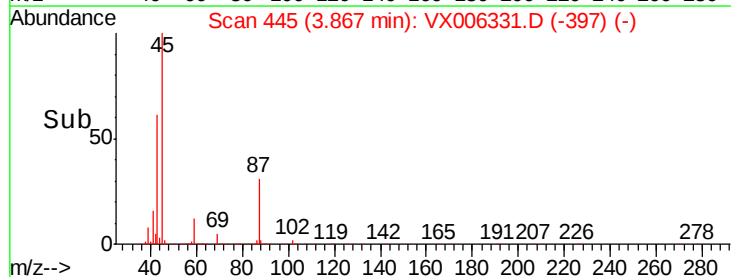
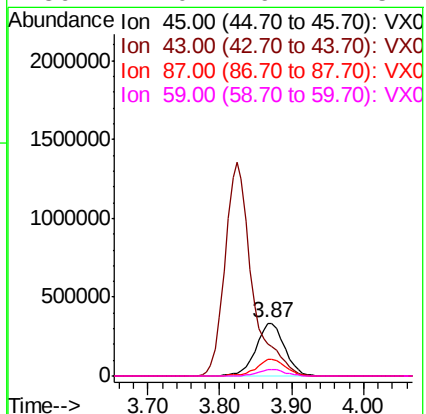
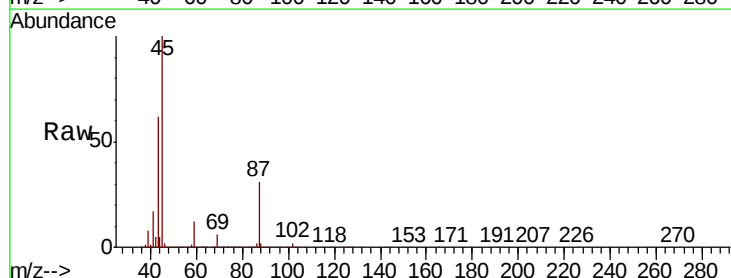
Ion Ratio Lower Upper

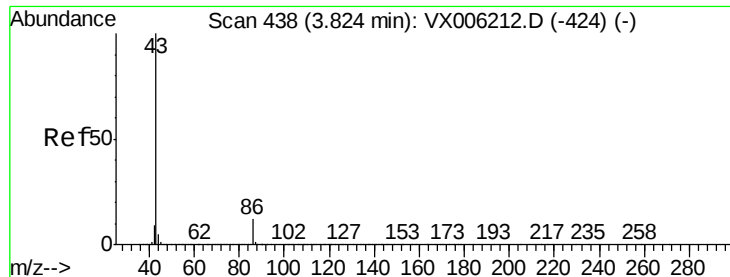
45 100

43 61.5 46.2 69.2

87 31.3 24.9 37.3

59 12.0 9.1 13.7





#23

Vinyl Acetate

Concen: 226.399 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

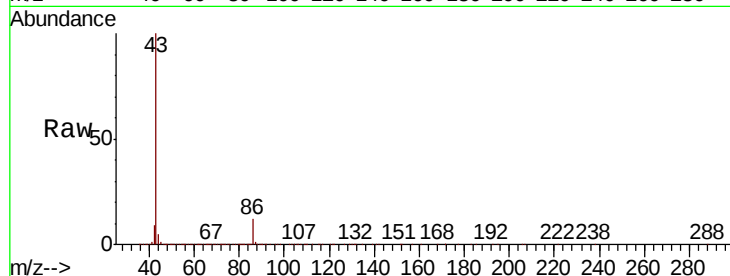
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 3553441

Ion Ratio Lower Upper

43 100

86 11.9 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1500000

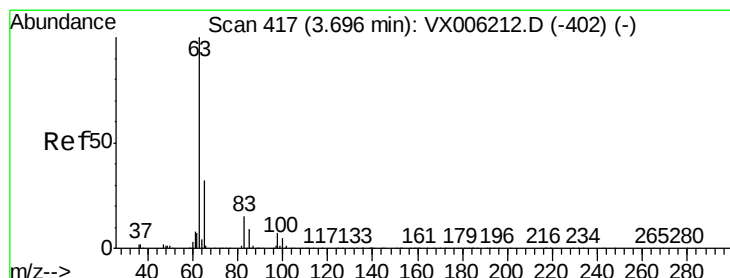
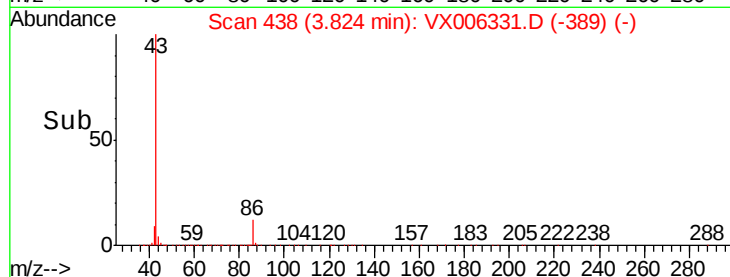
1000000

500000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 50.285 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

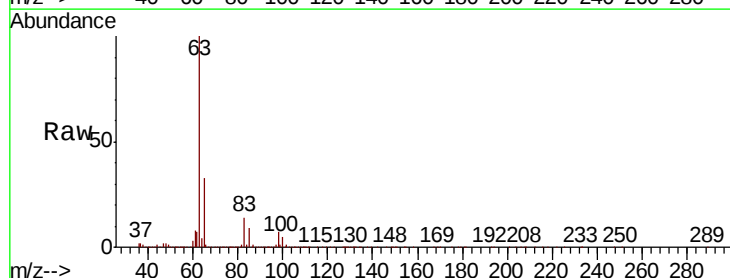
Tgt Ion: 63 Resp: 528903

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

100 4.9 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

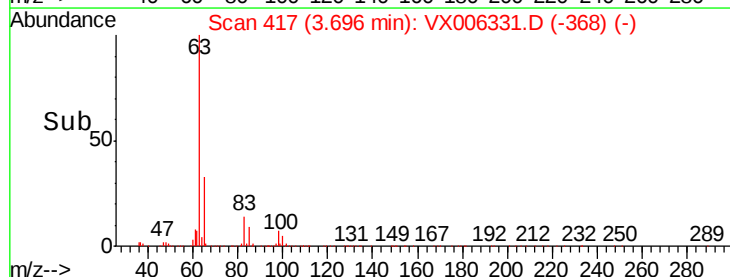
100000

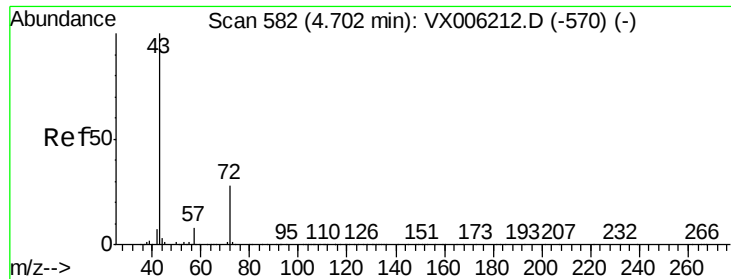
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 253.338 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

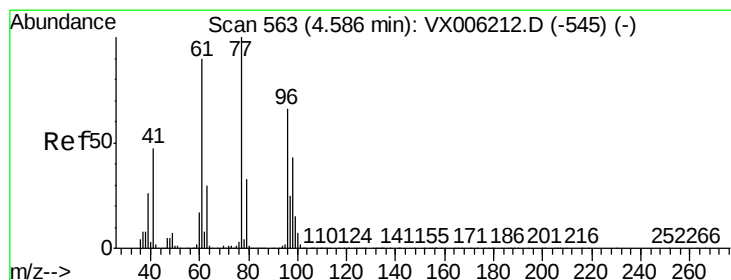
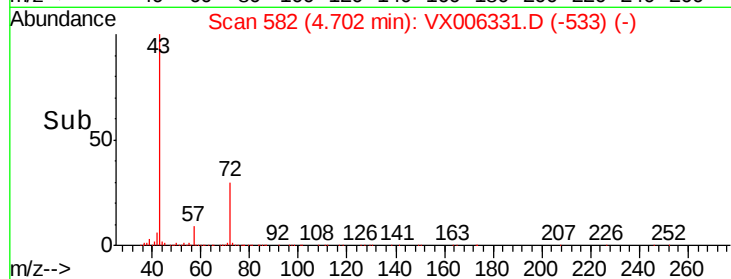
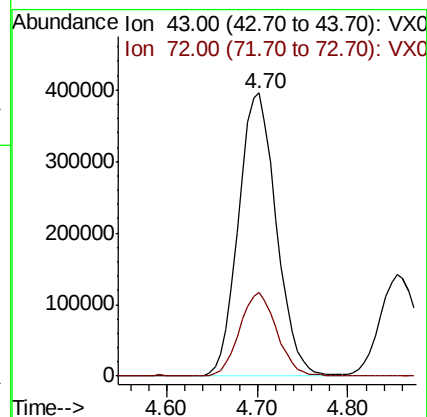
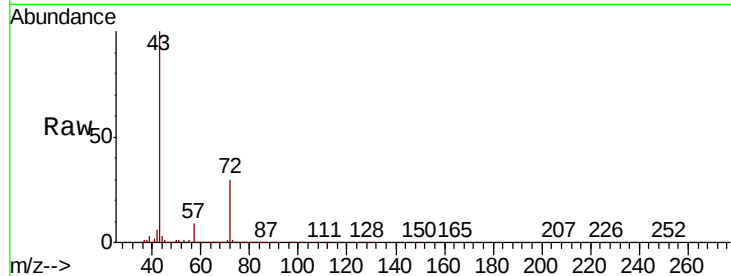
ClientSampleId :

Tot Ion: 43 Resp: 1141415

Ion Ratio Lower Upper

43 100

72 29.5 22.6 33.8



#26

2,2-Dichloropropane

Concen: 42.218 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006331.D

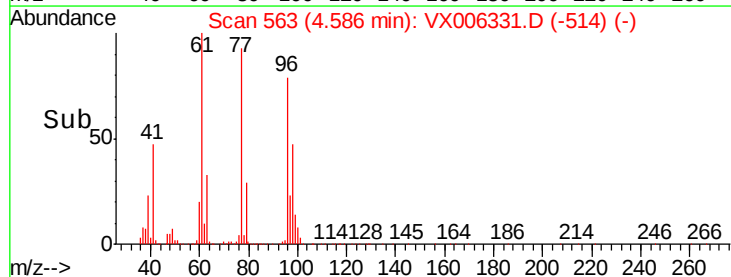
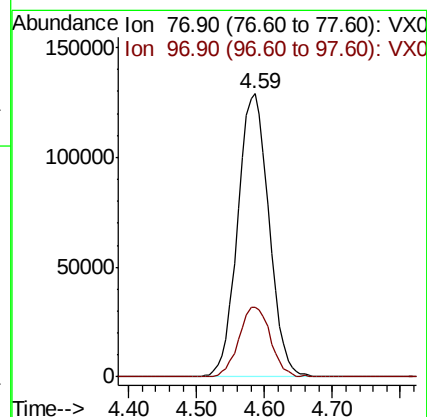
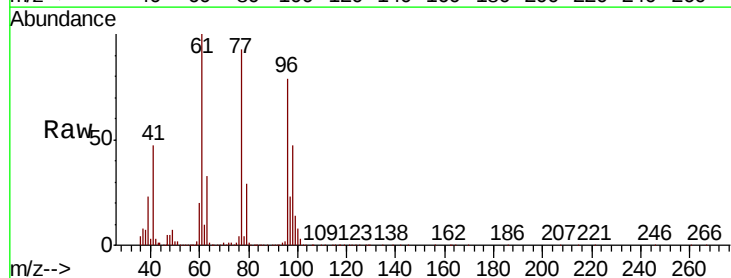
Acq: 06 Dec 2018 20:57

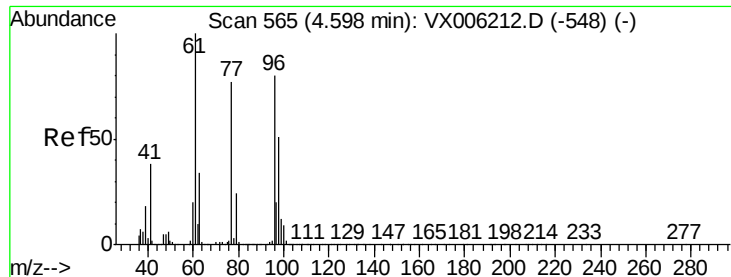
Tgt Ion: 77 Resp: 409815

Ion Ratio Lower Upper

77 100

97 25.0 12.3 36.8



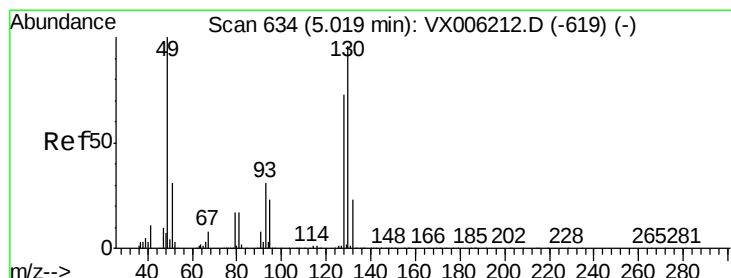
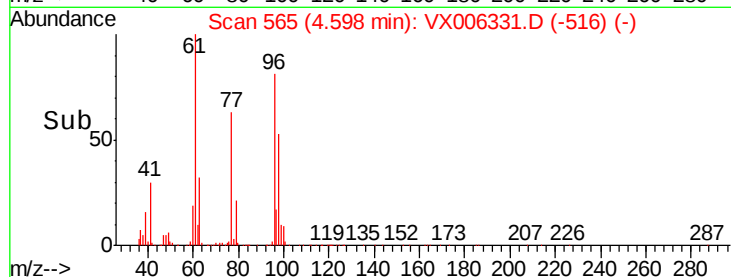
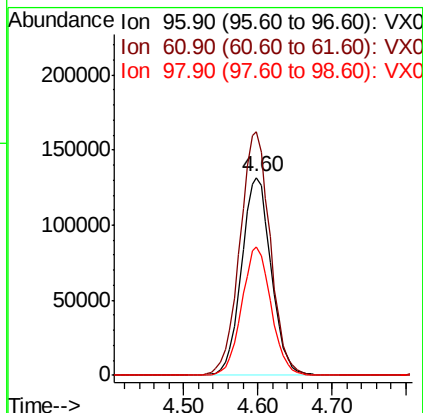
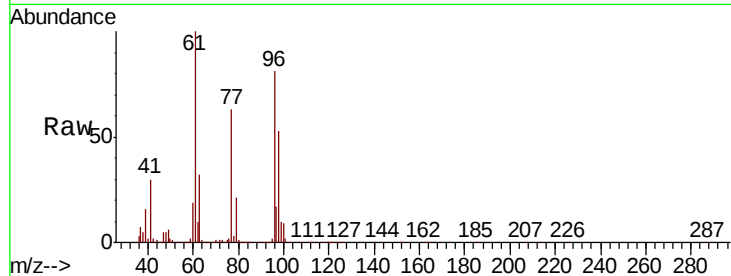


#27

cis-1,2-Dichloroethene
Concen: 52.013 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006331.D
Acq: 06 Dec 2018 20:57

Instrument :
MSVOA_X
ClientSampleId :

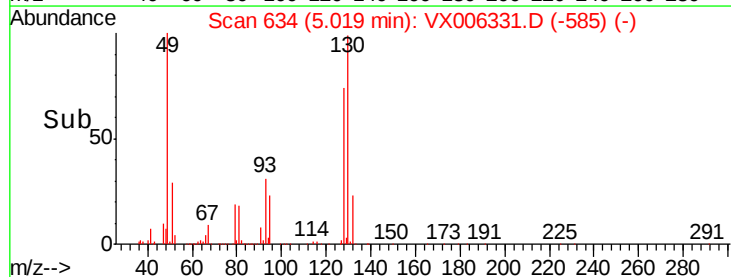
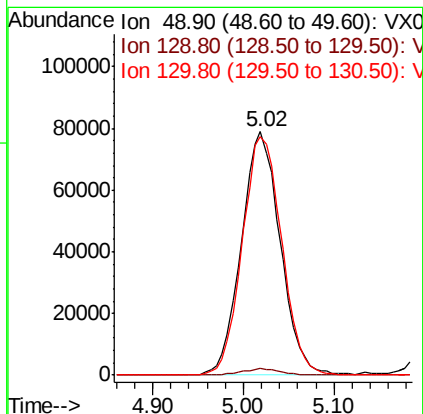
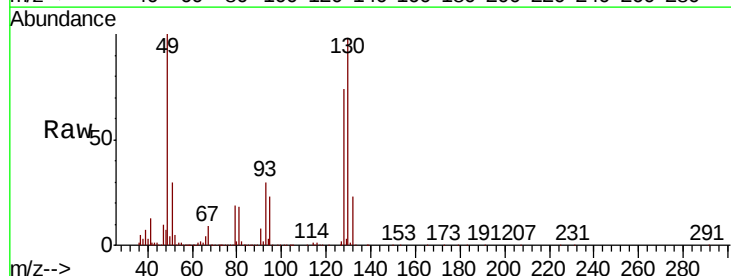
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.0	0.0	265.0
98	64.3	0.0	130.2

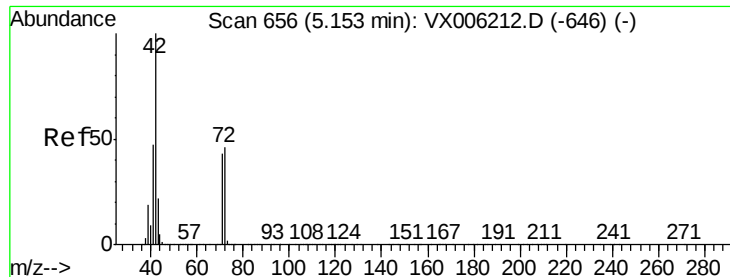


#28

Bromochloromethane
Concen: 51.023 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006331.D
Acq: 06 Dec 2018 20:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	99.5	78.3	117.5





#29

Tetrahydrofuran

Concen: 246.027 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

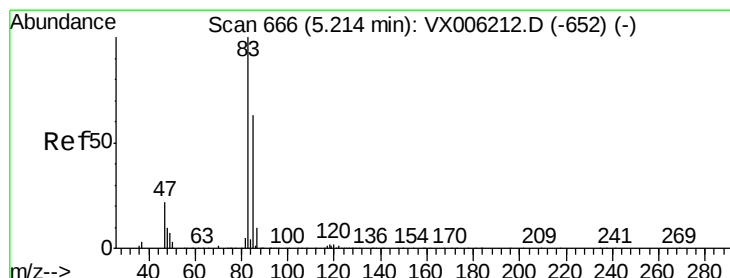
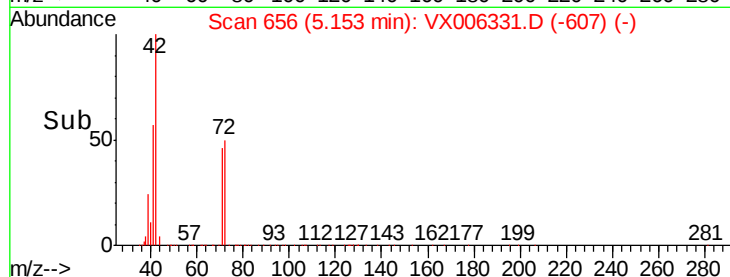
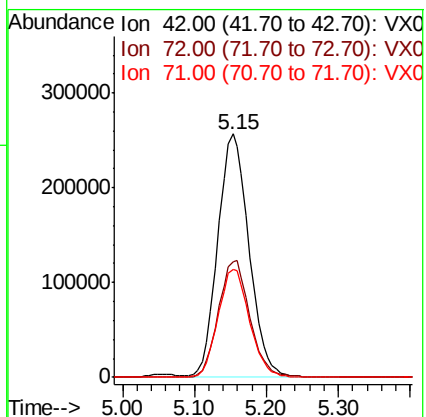
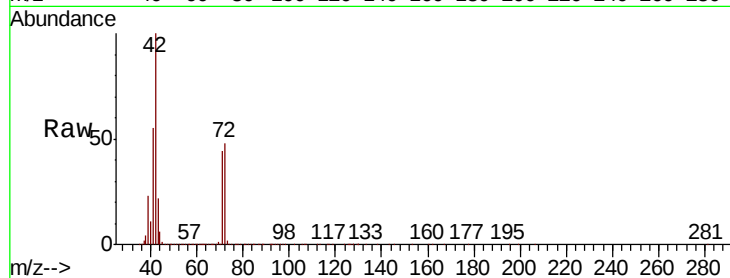
Tot Ion: 42 Resp: 770390

Ion Ratio Lower Upper

42 100

72 48.5 37.8 56.8

71 45.1 35.2 52.8



#30

Chloroform

Concen: 50.956 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006331.D

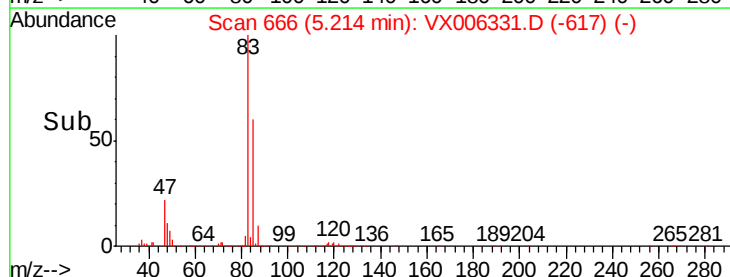
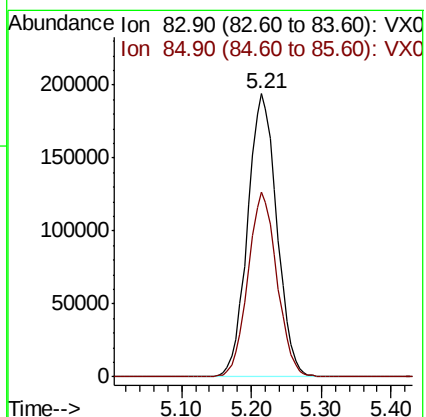
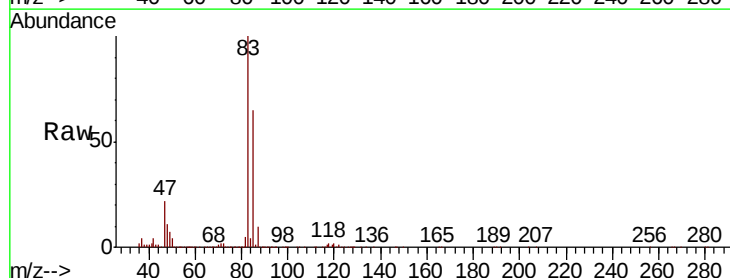
Acq: 06 Dec 2018 20:57

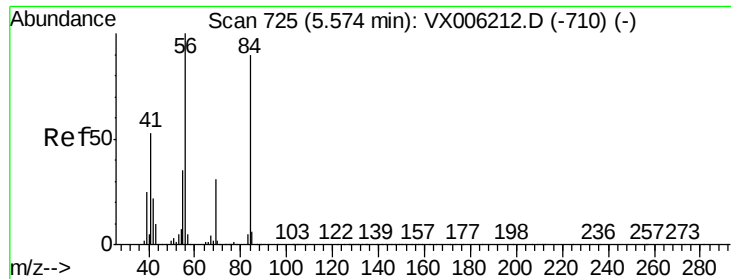
Tgt Ion: 83 Resp: 563227

Ion Ratio Lower Upper

83 100

85 65.2 50.3 75.5

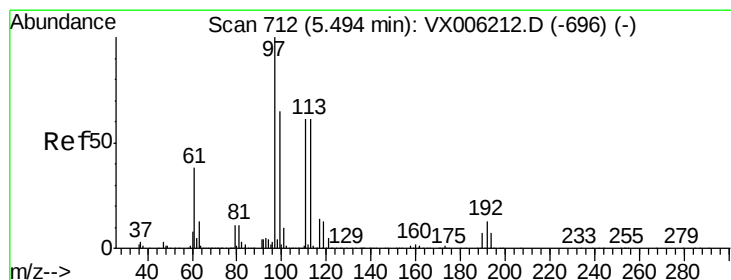
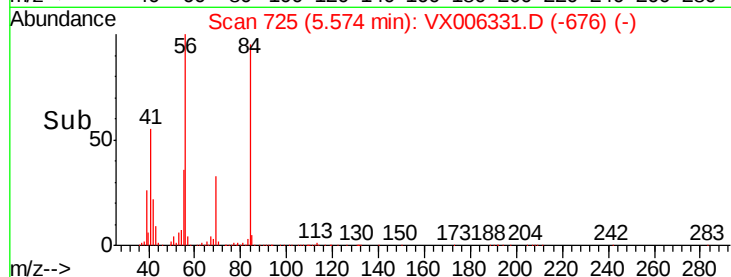
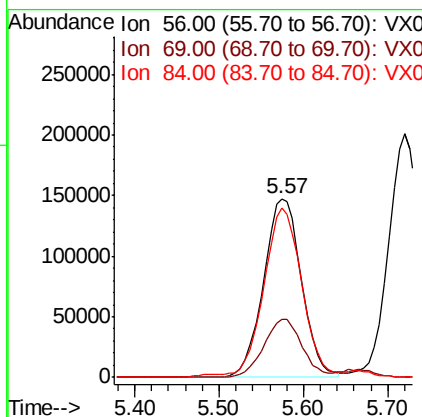
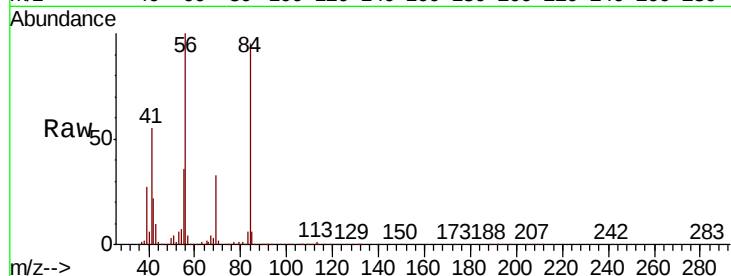




#31
Cyclohexane
Concen: 47.135 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006331.D
Acq: 06 Dec 2018 20:57

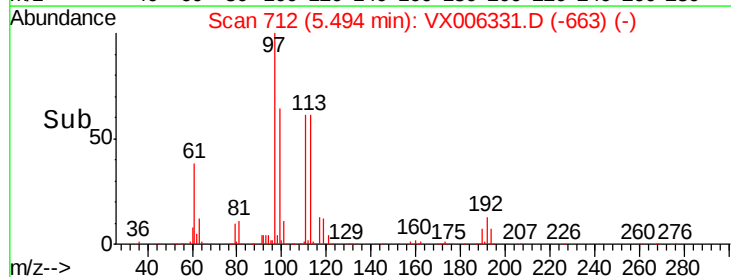
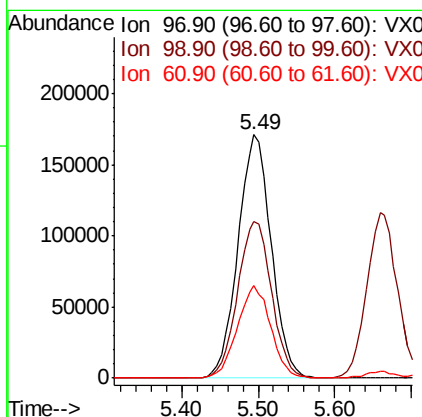
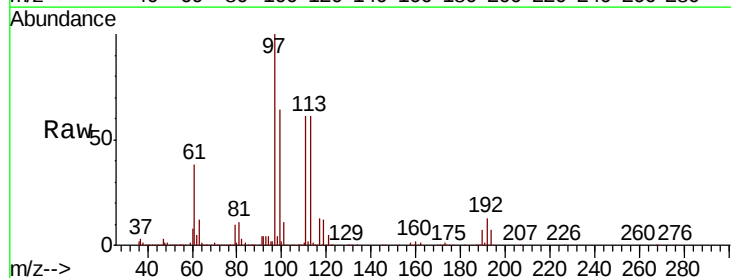
Instrument :
MSVOA_X
ClientSampled :

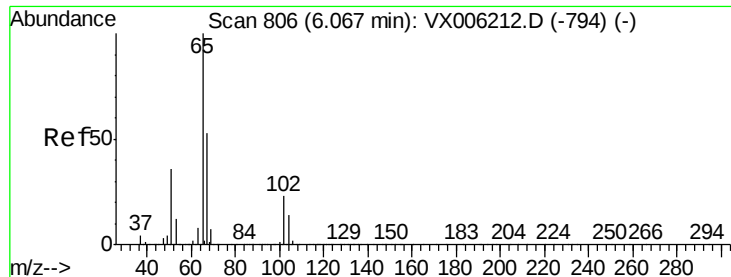
Tot Ion: 56 Resp: 458170
Ion Ratio Lower Upper
56 100
69 32.8 24.5 36.7
84 94.5 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 49.088 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006331.D
Acq: 06 Dec 2018 20:57

Tgt Ion: 97 Resp: 516253
Ion Ratio Lower Upper
97 100
99 65.8 51.6 77.4
61 38.0 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 49.844 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

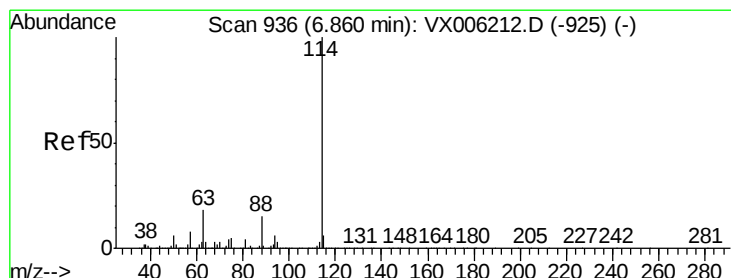
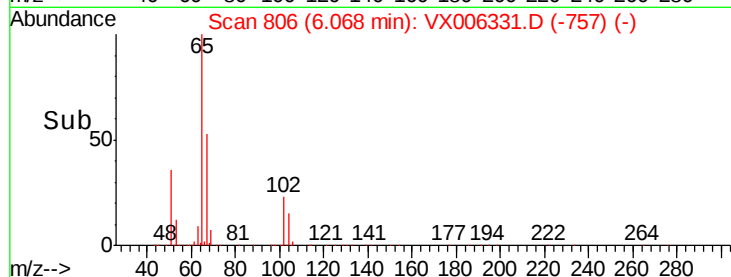
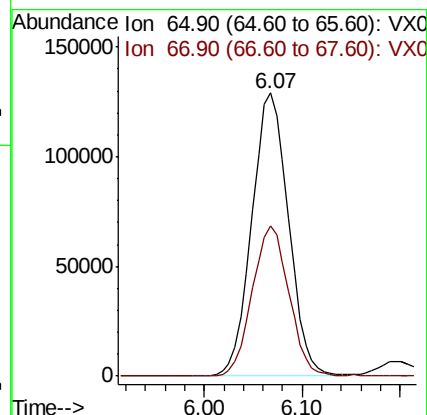
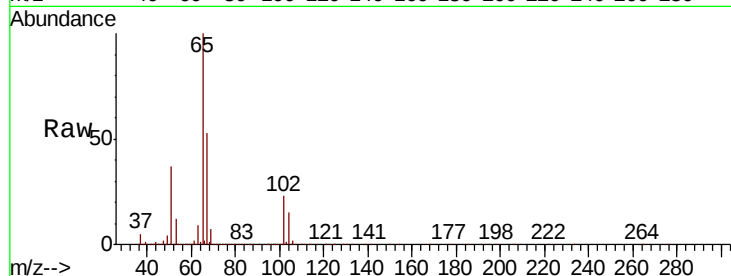
ClientSampleId :

Tot Ion: 65 Resp: 335377

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

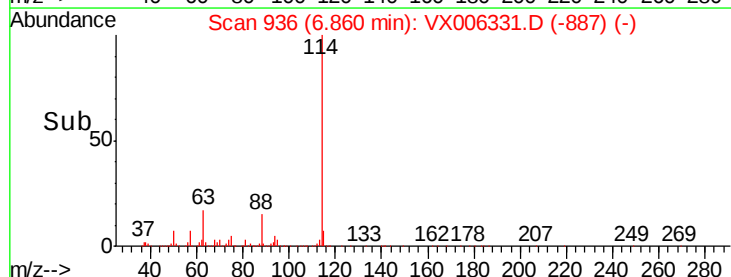
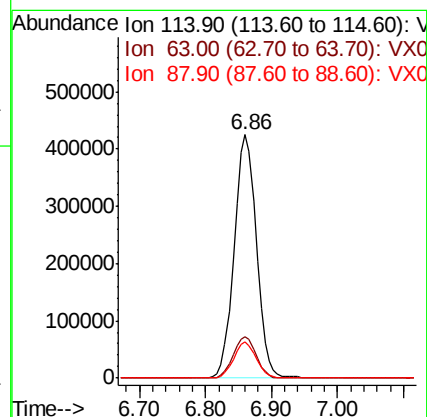
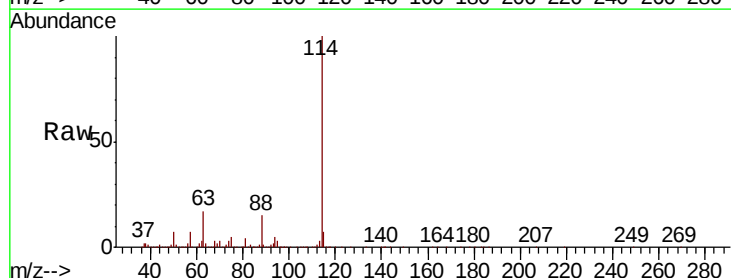
Tgt Ion: 114 Resp: 991611

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.6

88 15.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.387 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

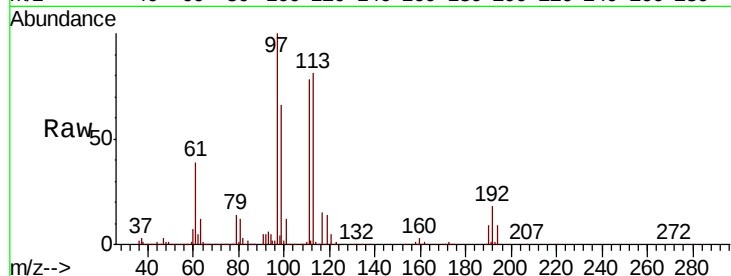
Tot Ion: 113 Resp: 323502

Ion Ratio Lower Upper

113 100

111 101.0 81.1 121.7

192 22.0 18.2 27.2

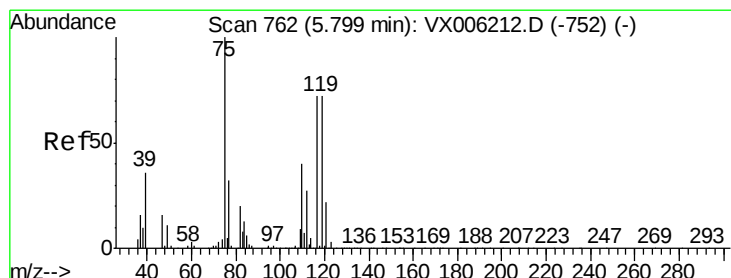
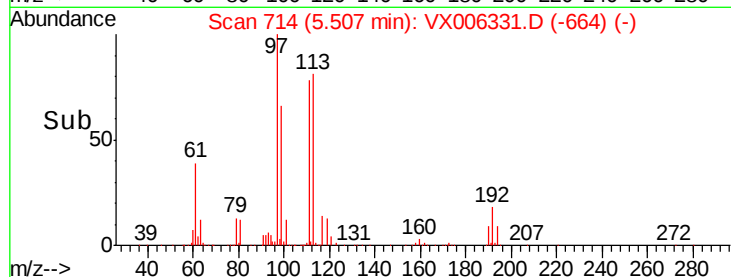
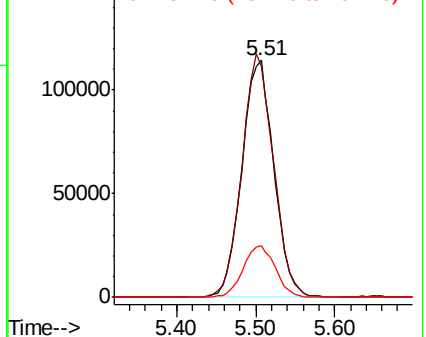


Abundance

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: 48.057 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

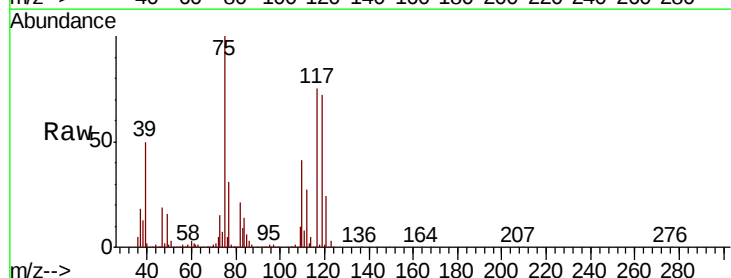
Tgt Ion: 75 Resp: 401298

Ion Ratio Lower Upper

75 100

110 41.3 20.4 61.3

77 31.5 24.9 37.3

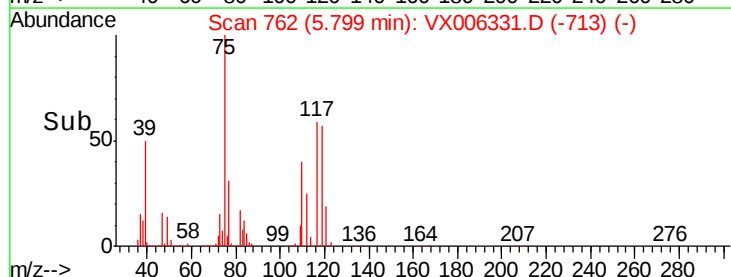
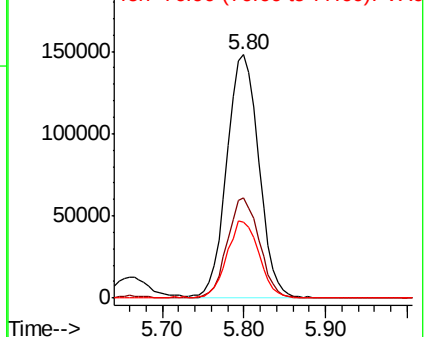


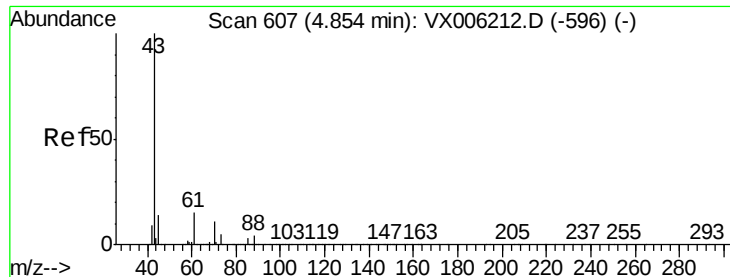
Abundance

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

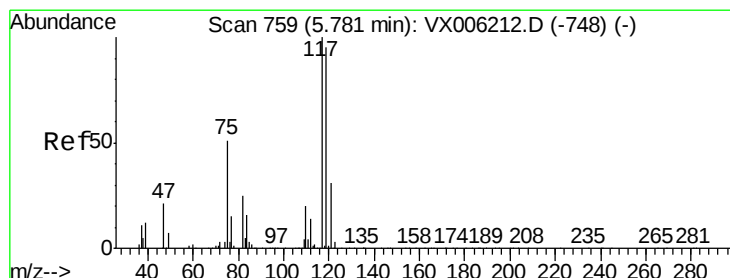
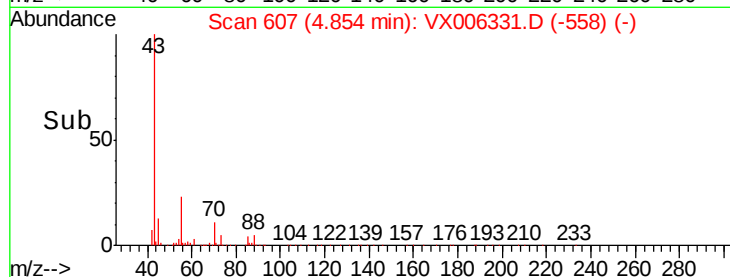
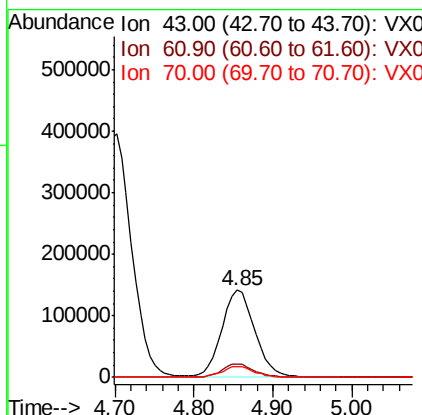
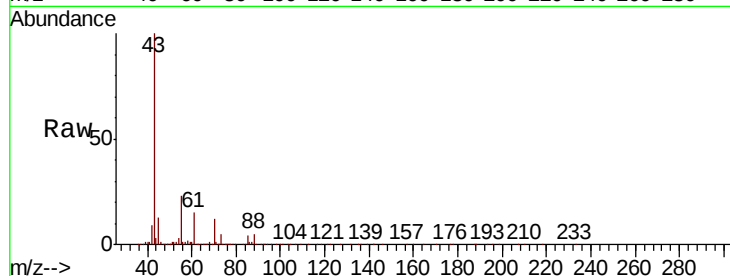




#37
Ethyl Acetate
Concen: 44.069 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006331.D
Acq: 06 Dec 2018 20:57

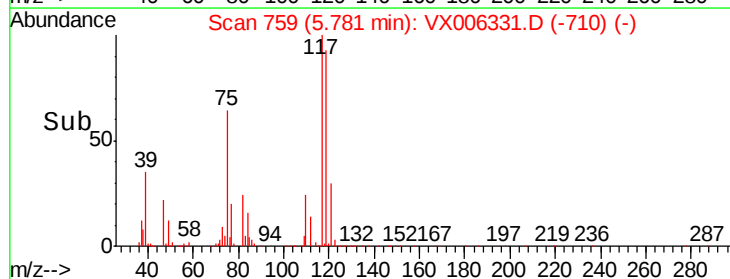
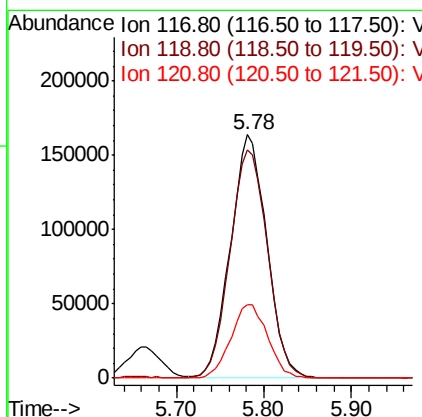
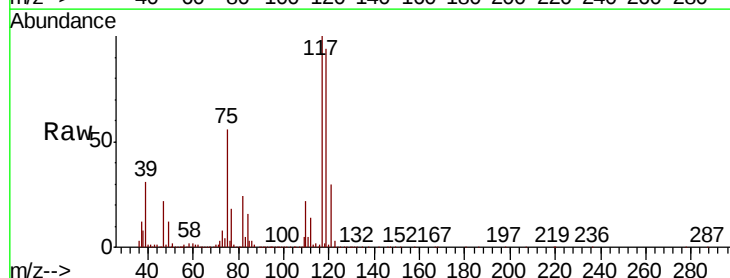
Instrument :
MSVOA_X
ClientSampleId :

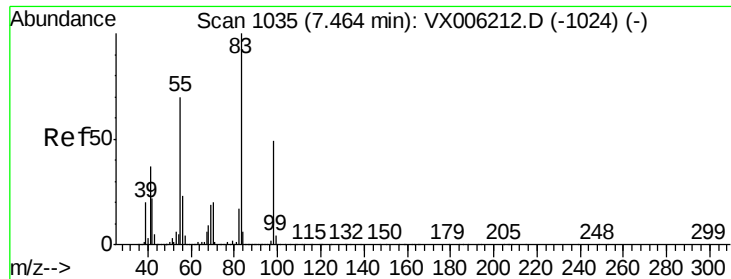
Tot Ion: 43 Resp: 412102
Ion Ratio Lower Upper
43 100
61 14.8 11.5 17.3
70 11.9 9.0 13.6



#38
Carbon Tetrachloride
Concen: 48.001 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006331.D
Acq: 06 Dec 2018 20:57

Tgt Ion: 117 Resp: 471538
Ion Ratio Lower Upper
117 100
119 93.6 75.8 113.8
121 30.3 24.6 37.0

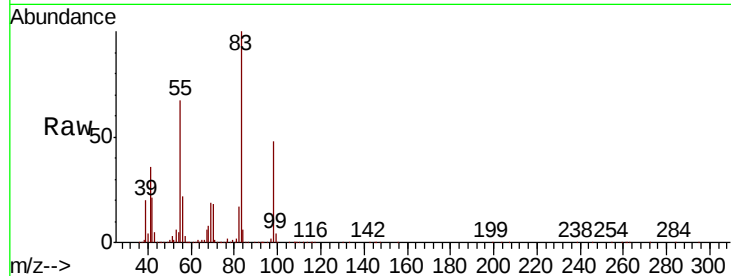




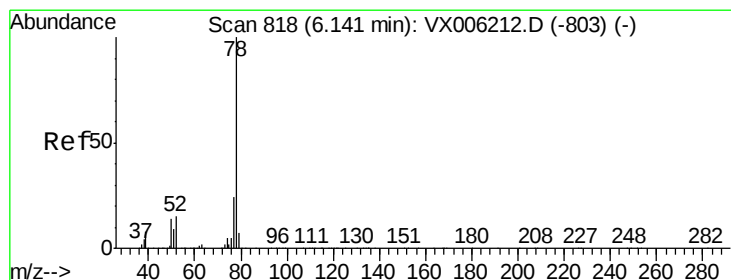
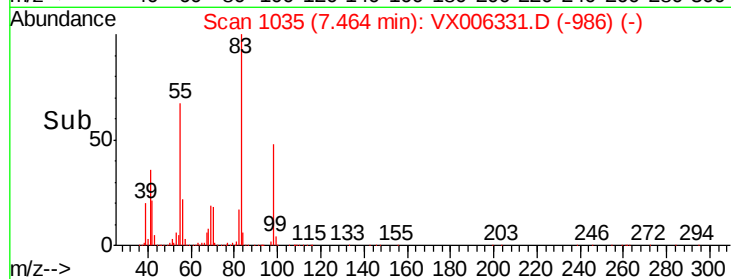
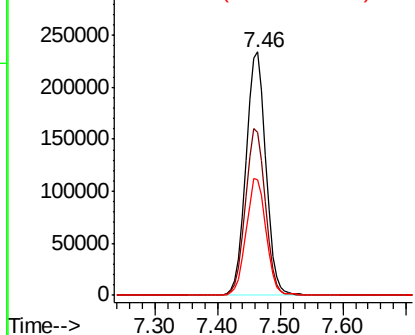
#39
Methvlcvclohexane
Concen: 47.524 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006331.D
Acq: 06 Dec 2018 20:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 515122
Ion Ratio Lower Upper
83 100
55 66.7 56.4 84.6
98 47.5 39.0 58.6

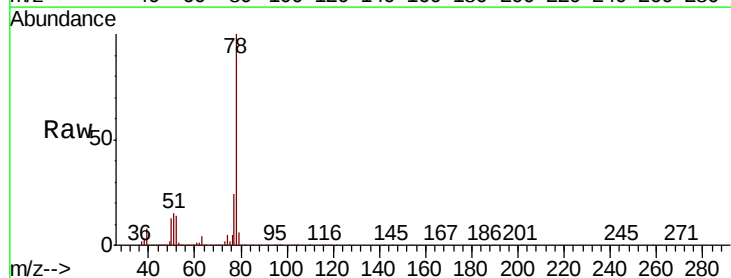


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

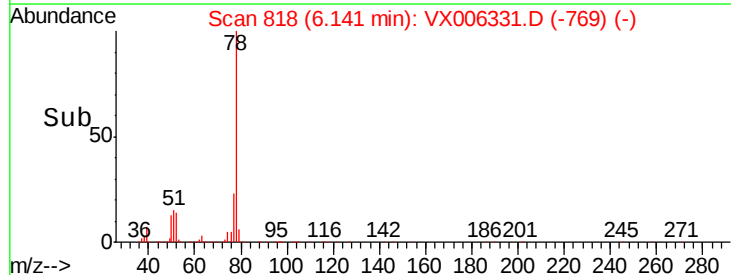
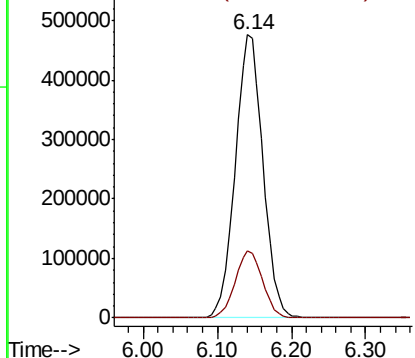


#40
Benzene
Concen: 49.512 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006331.D
Acq: 06 Dec 2018 20:57

Tgt Ion: 78 Resp: 1238294
Ion Ratio Lower Upper
78 100
77 23.8 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: 47.099 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

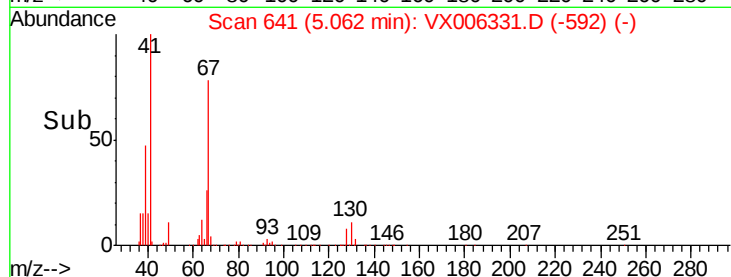
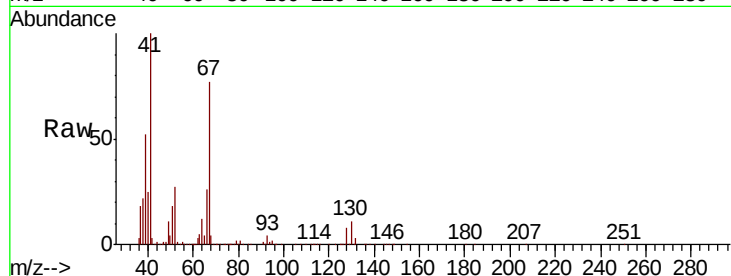
Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 242351

Ion	Ratio	Lower	Upper
41	100		
39	55.5	44.0	66.0
67	79.4	61.4	92.0
52	29.4	23.5	35.3

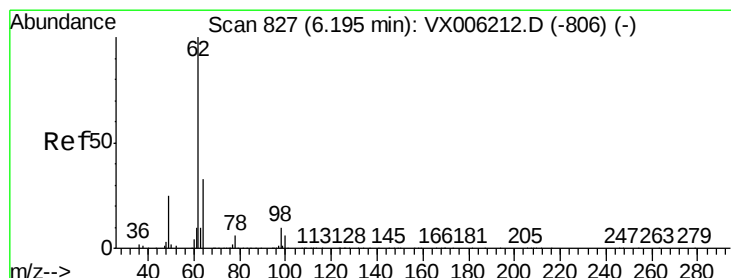
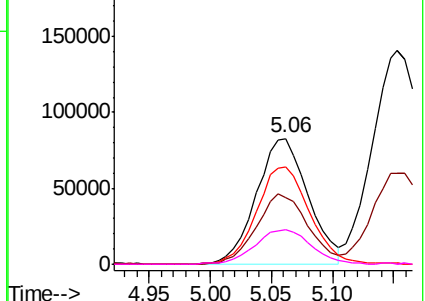


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.110 ug/l

RT: 6.20 min Scan# 827

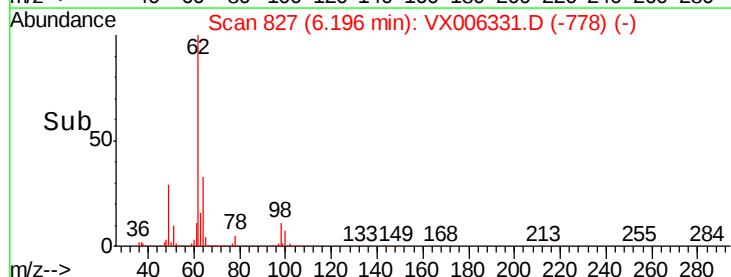
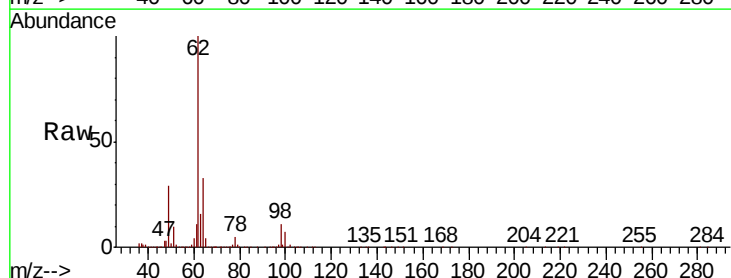
Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

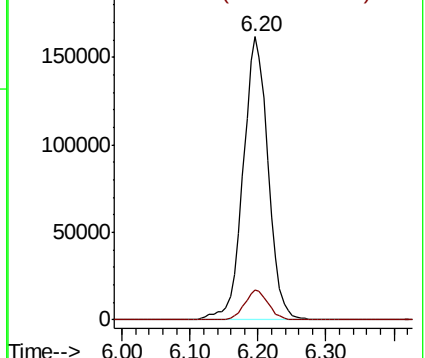
Tgt Ion: 62 Resp: 410171

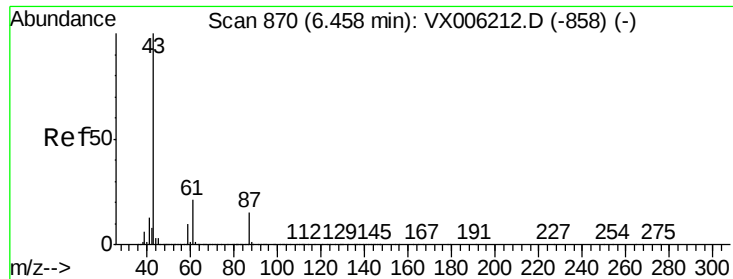
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



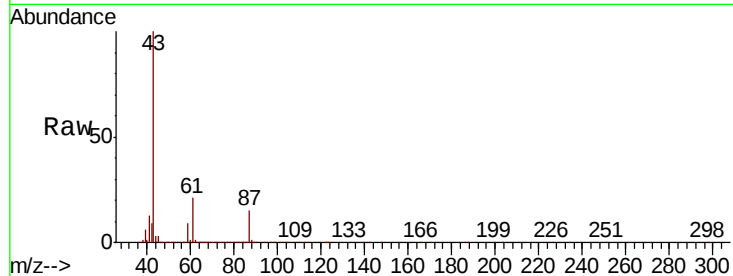


#43

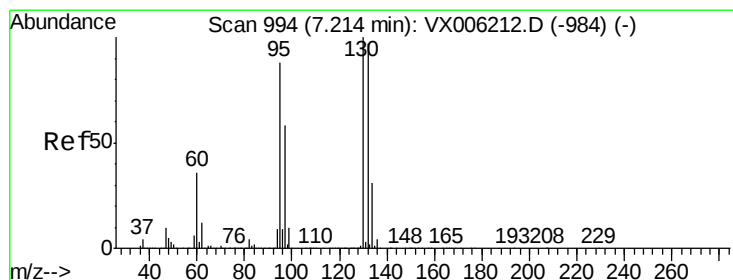
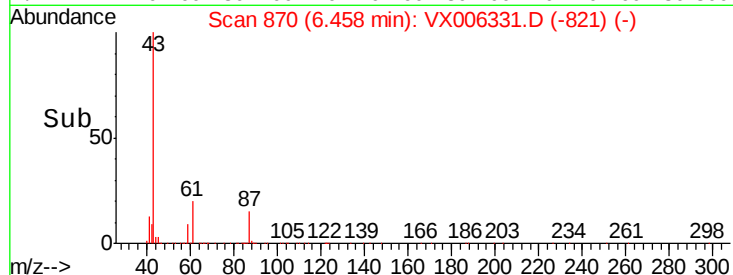
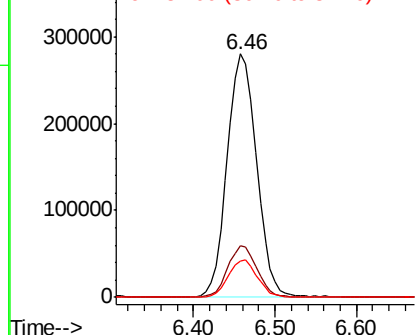
Isopropyl Acetate
 Concen: 44.796 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006331.D
 Acq: 06 Dec 2018 20:57

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.8	25.2
87	15.4	11.9	17.9



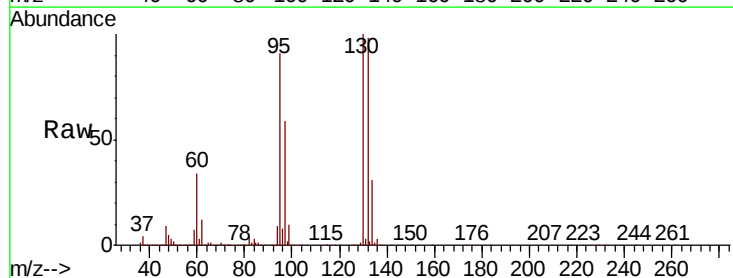
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



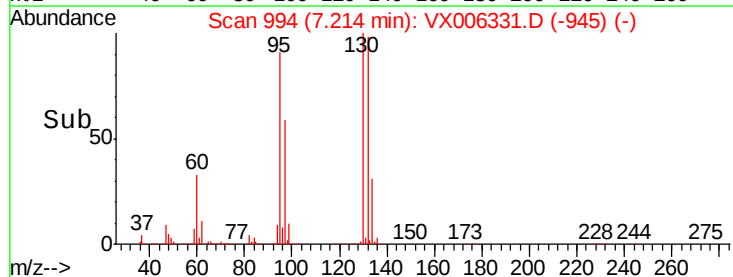
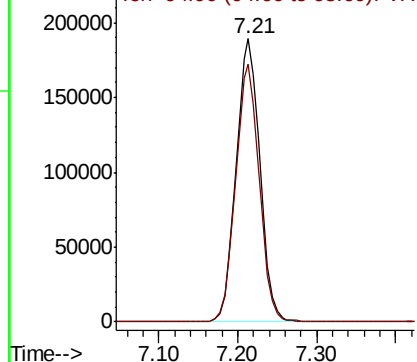
#44

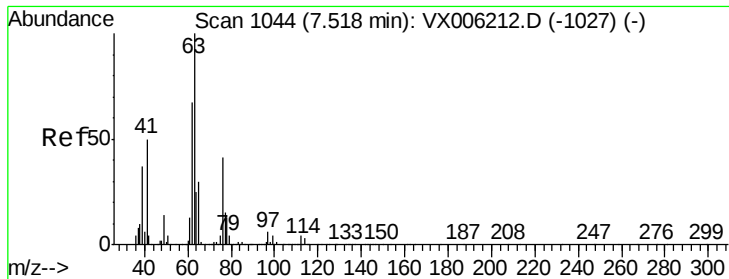
Trichloroethene
 Concen: 52.278 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006331.D
 Acq: 06 Dec 2018 20:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	175.8



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

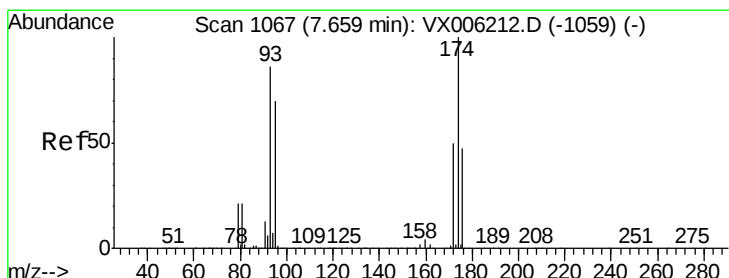
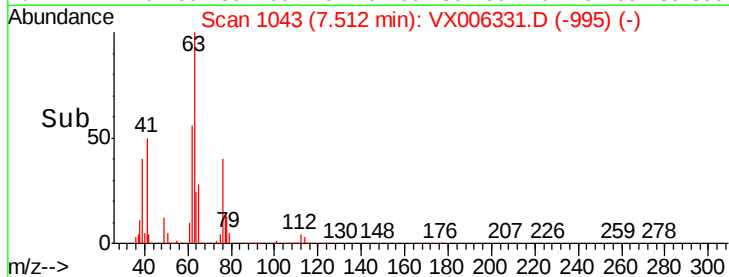
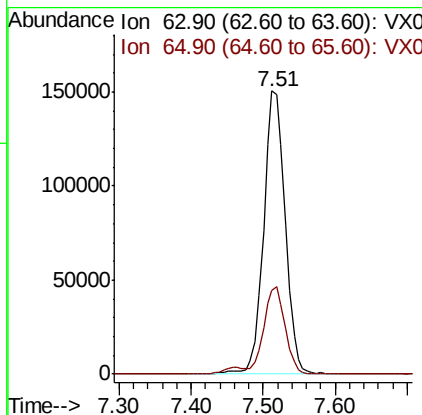
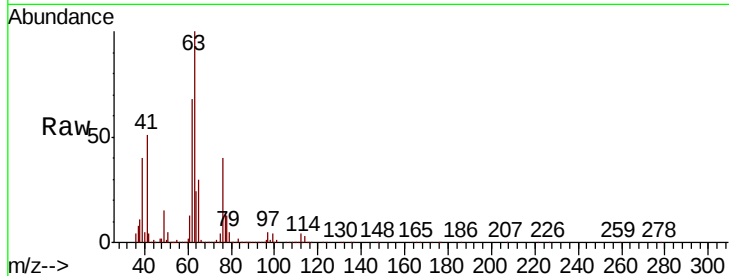




#45
 1,2-Dichloropropane
 Concen: 49.313 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX006331.D
 Acq: 06 Dec 2018 20:57

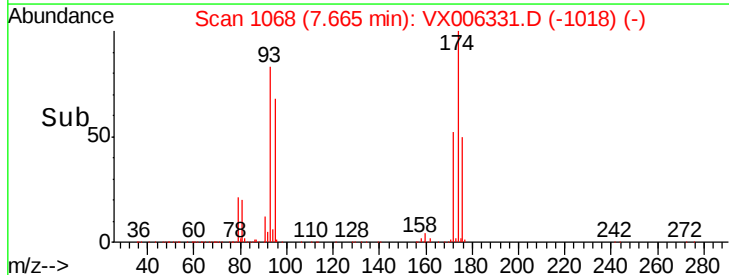
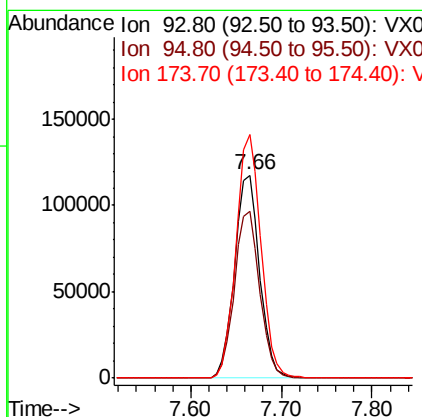
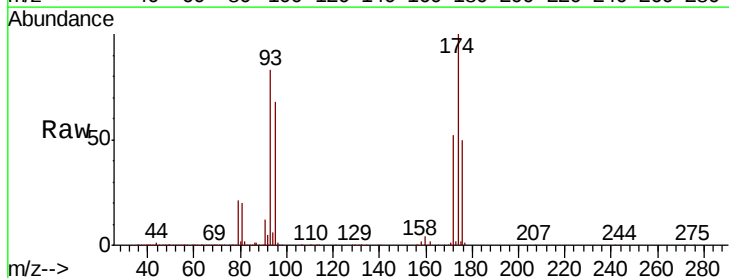
Instrument :
 MSVOA_X
 ClientSampleId :

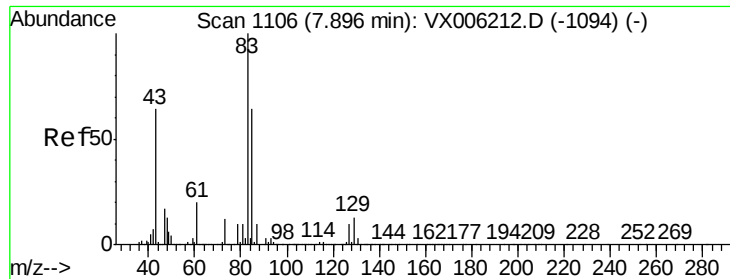
Tot Ion: 63 Resp: 313451
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.3 36.5



#46
 Dibromomethane
 Concen: 49.025 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006331.D
 Acq: 06 Dec 2018 20:57

Tgt Ion: 93 Resp: 225061
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.2 99.4
 174 119.8 97.2 145.8





#47

Bromodichloromethane

Concen: 48.025 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :
MSVOA_X
ClientSampleId :

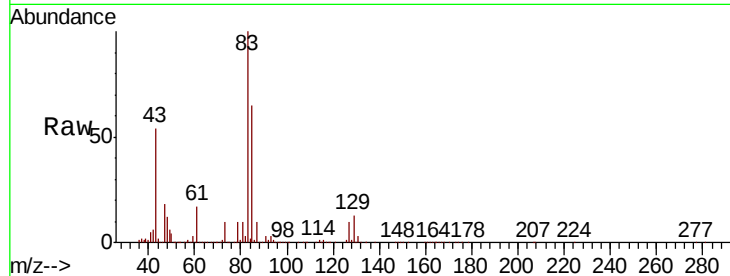
Tot Ion: 83 Resp: 426942

Ion Ratio Lower Upper

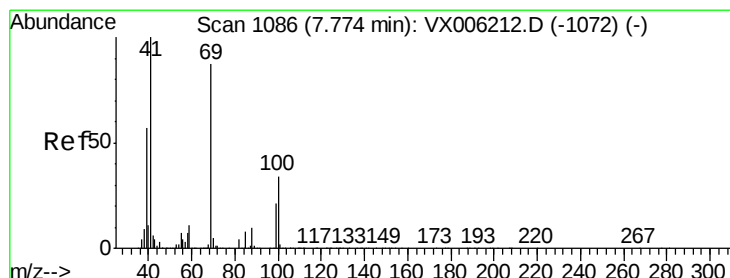
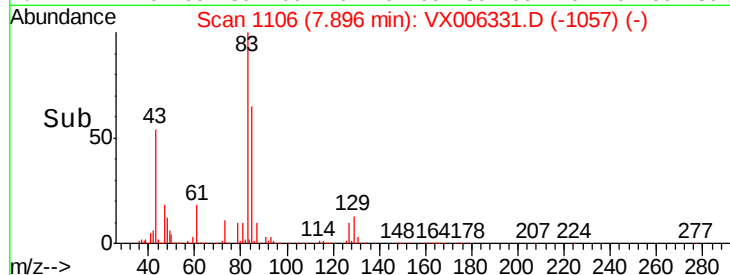
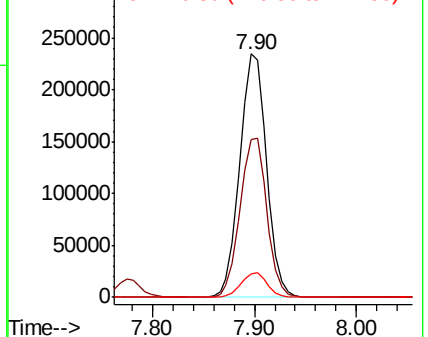
83 100

85 64.9 51.4 77.0

127 9.7 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: 47.203 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

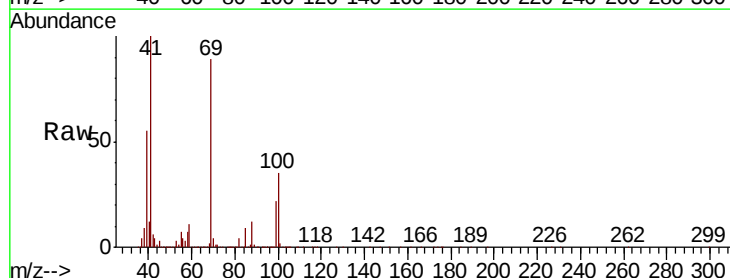
Tgt Ion: 41 Resp: 358039

Ion Ratio Lower Upper

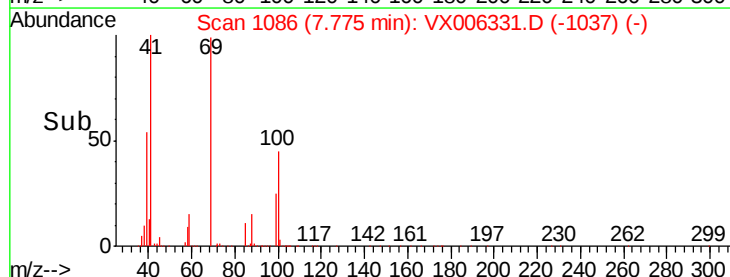
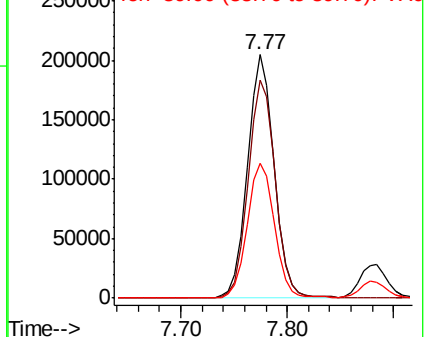
41 100

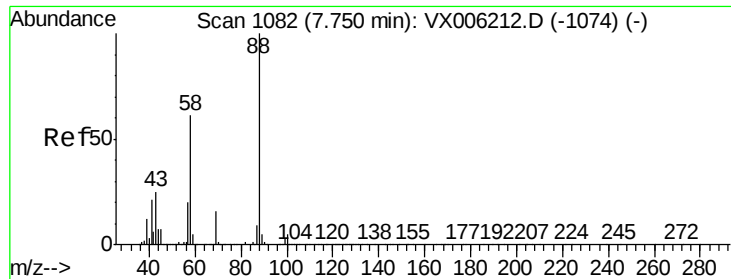
69 92.1 70.3 105.5

39 56.8 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

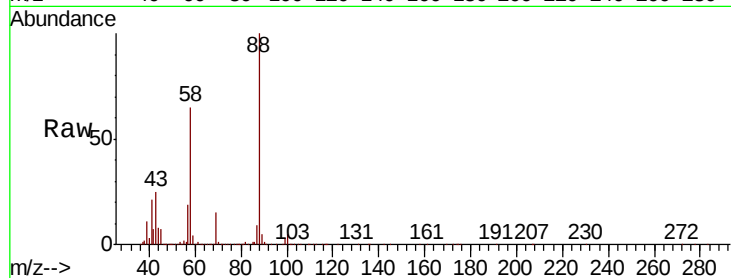




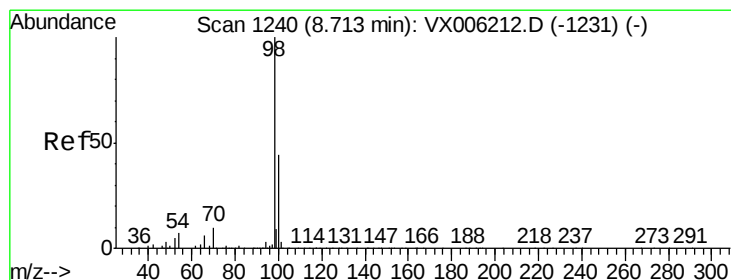
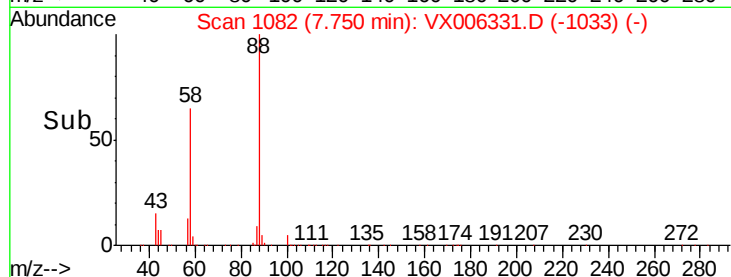
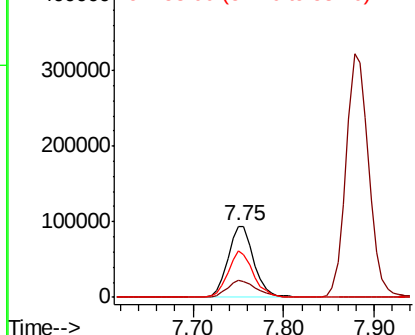
#49
1,4-Dioxane
Concen: 1003.161 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006331.D
Acq: 06 Dec 2018 20:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.5	23.2	34.8
58	63.3	51.4	77.0

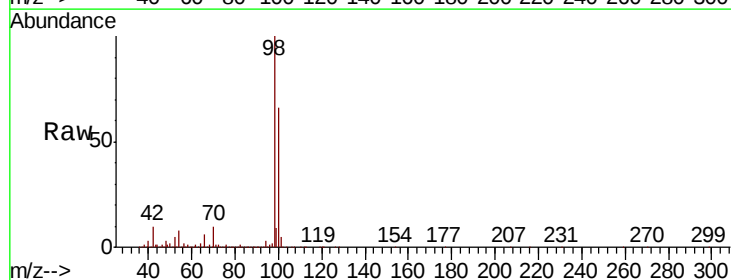


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

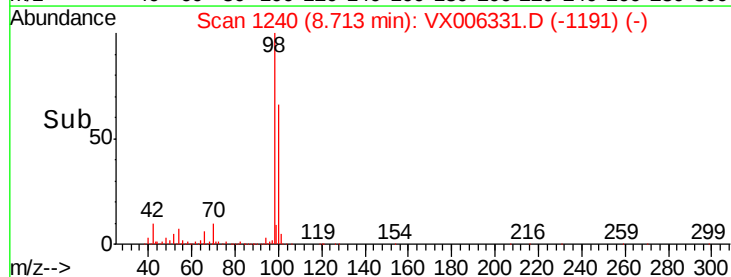
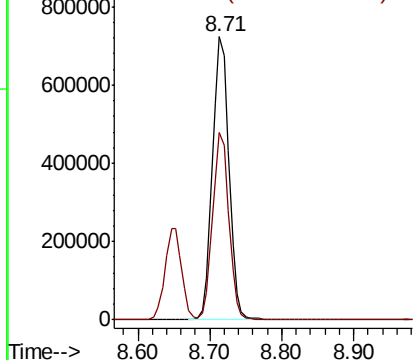


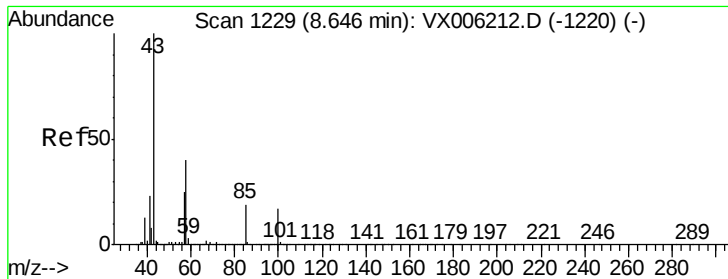
#50
Toluene-d8
Concen: 48.962 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006331.D
Acq: 06 Dec 2018 20:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 242.836 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

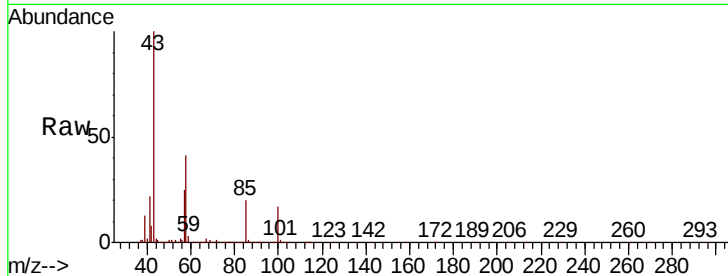
ClientSampleId :

Tot Ion: 43 Resp: 2204088

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

8.65

1500000

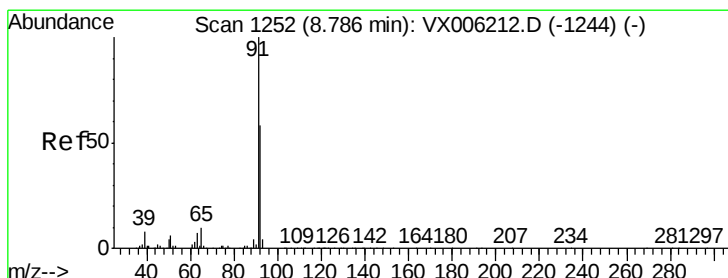
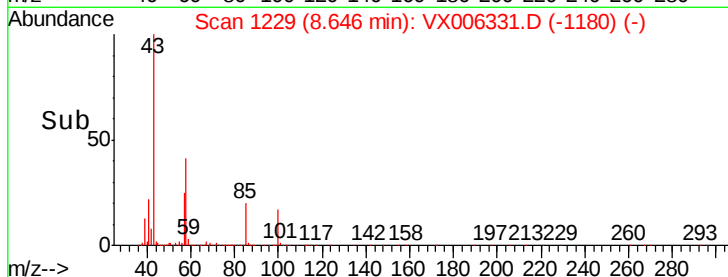
1000000

500000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 48.994 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006331.D

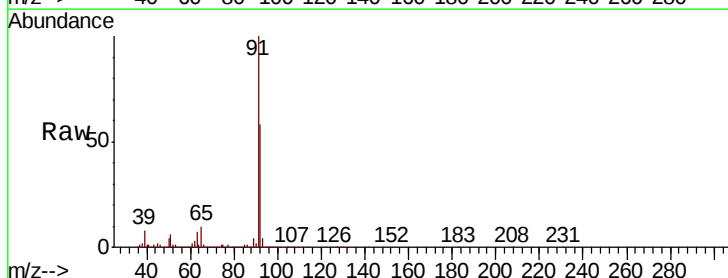
Acq: 06 Dec 2018 20:57

Tgt Ion: 92 Resp: 806152

Ion Ratio Lower Upper

92 100

91 173.3 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

1000000

800000

600000

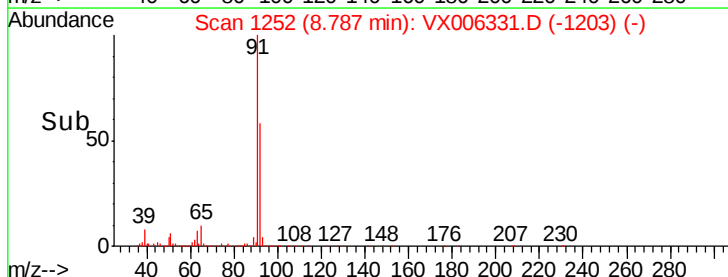
400000

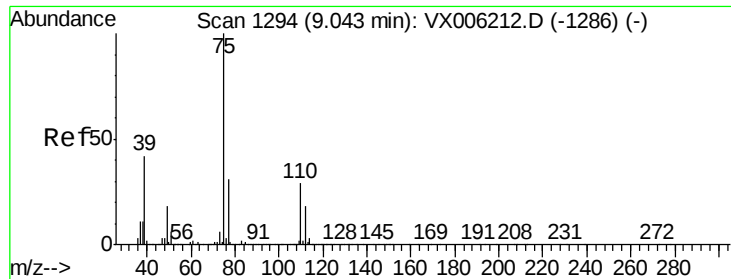
200000

0

8.70 8.80 8.90

Time-->

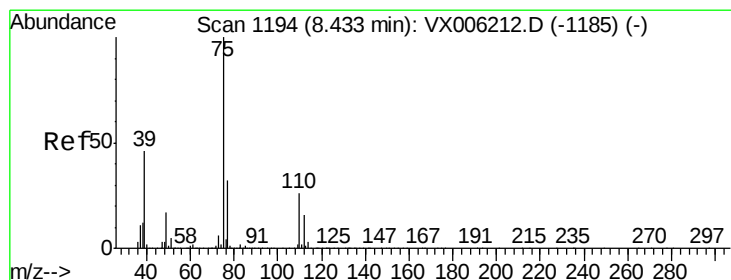
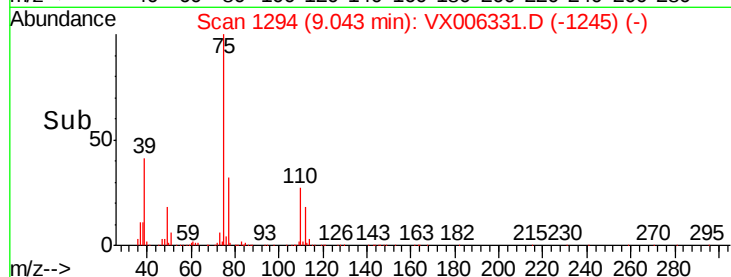
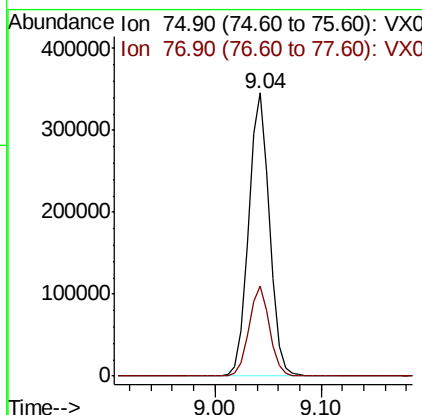
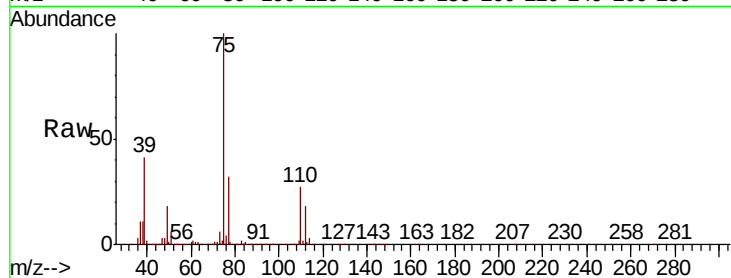




#53
 t-1,3-Dichloropropene
 Concen: 45.674 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX006331.D
 Acq: 06 Dec 2018 20:57

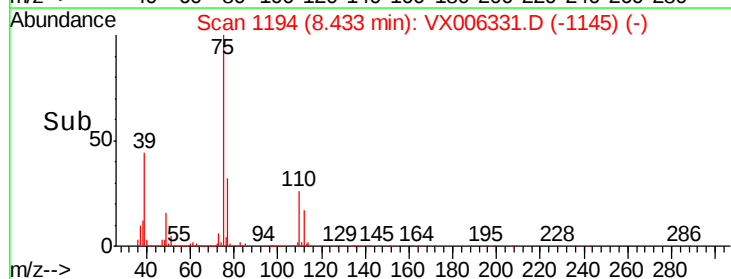
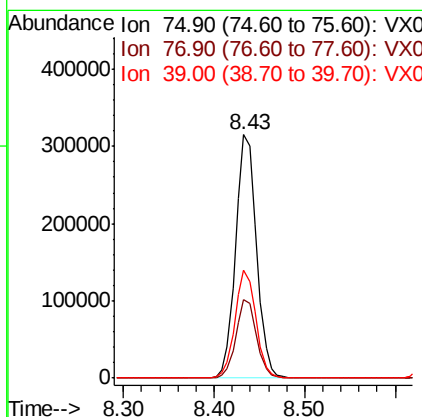
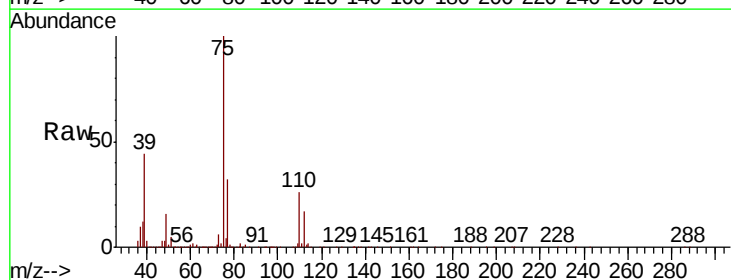
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 474866
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 46.610 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX006331.D
 Acq: 06 Dec 2018 20:57

Tgt Ion: 75 Resp: 503206
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.6 38.4
 39 44.4 36.5 54.7

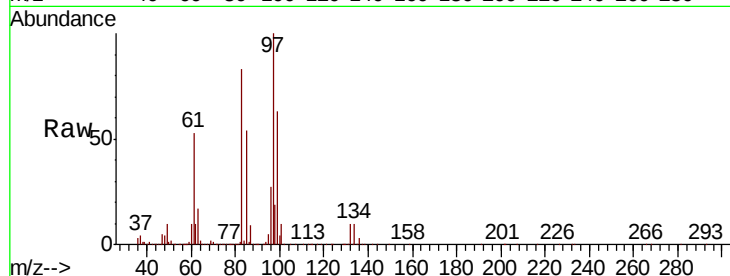




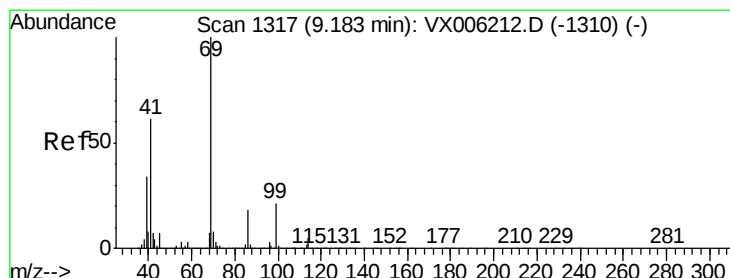
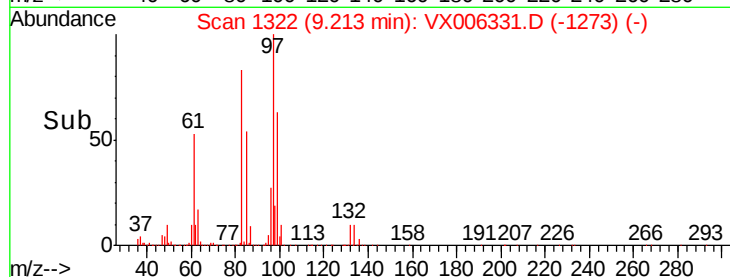
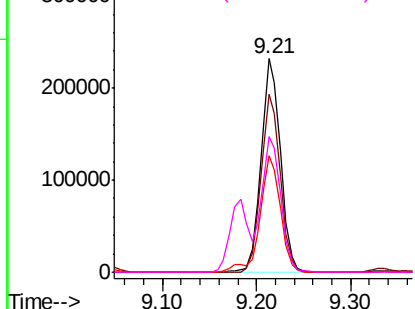
#55
 1,1,2-Trichloroethane
 Concen: 50.575 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006331.D
 Acq: 06 Dec 2018 20:57

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	338072
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.1	100.7
85	54.4	43.2	64.8
99	63.4	49.8	74.6

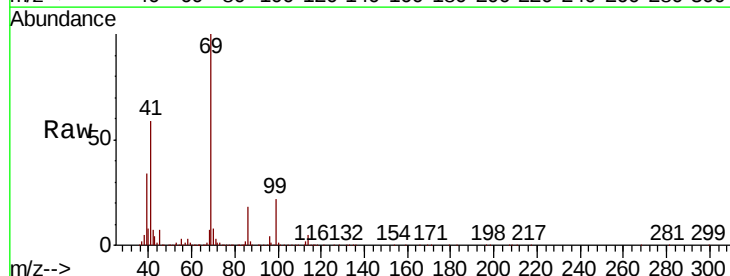


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

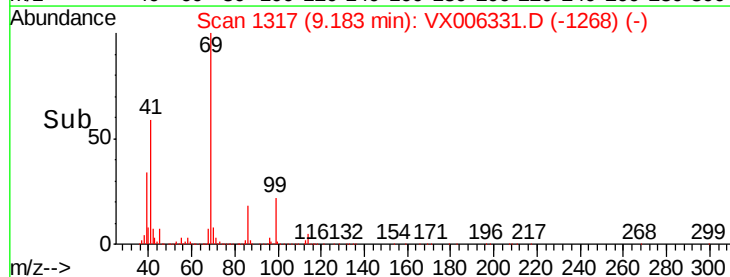
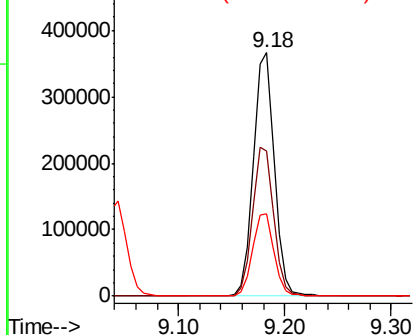


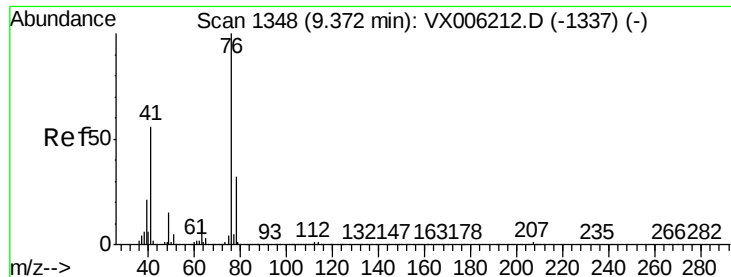
#56
 Ethyl methacrylate
 Concen: 48.636 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006331.D
 Acq: 06 Dec 2018 20:57

Tgt Ion:	69	Resp:	508254
Ion	Ratio	Lower	Upper
69	100		
41	61.4	50.6	76.0
39	34.2	27.6	41.4



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





#57

1,3-Dichloropropane

Concen: 50.744 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

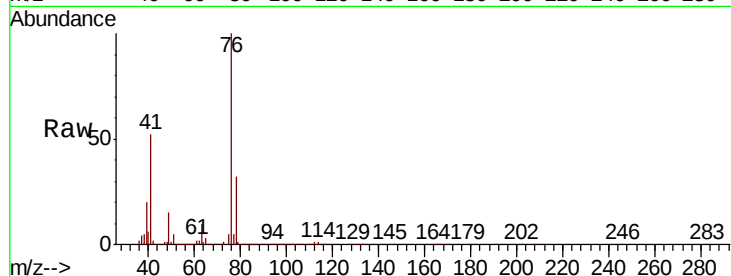
ClientSampleId :

Tot Ion: 76 Resp: 536374

Ion Ratio Lower Upper

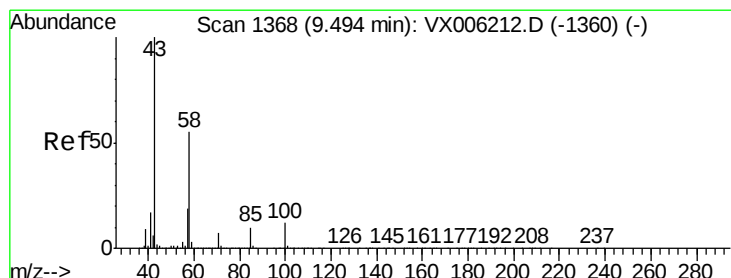
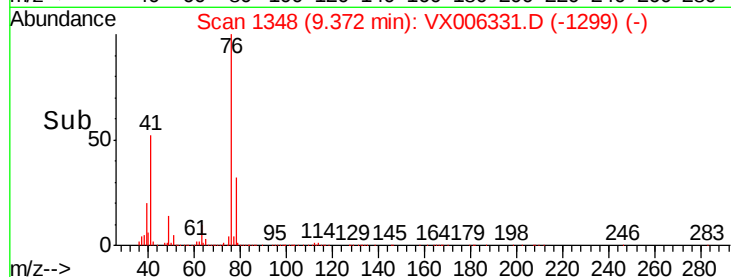
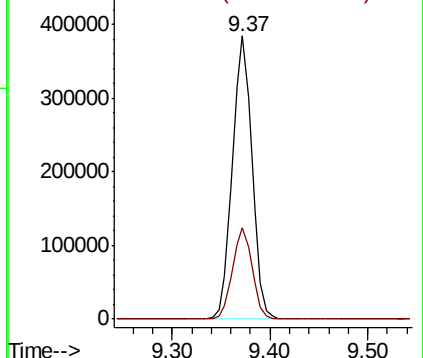
76 100

78 32.4 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: 235.985 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX006331.D

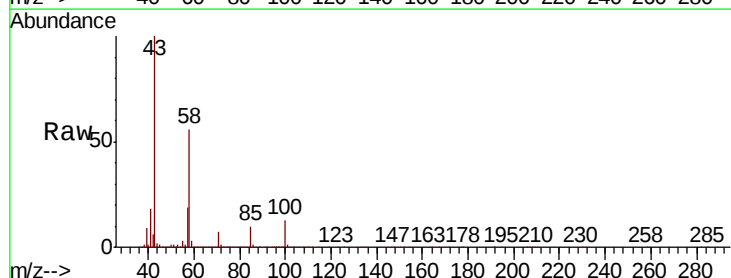
Acq: 06 Dec 2018 20:57

Tgt Ion: 43 Resp: 1636418

Ion Ratio Lower Upper

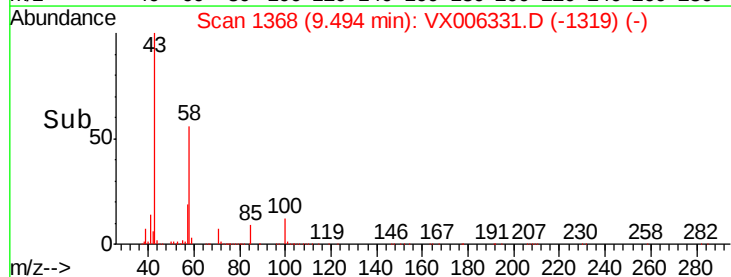
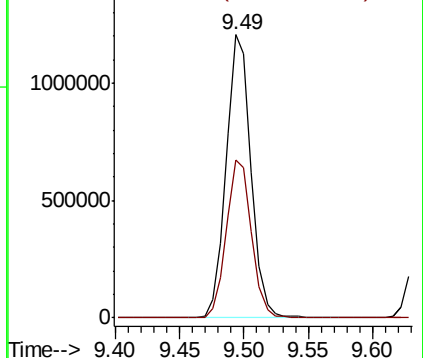
43 100

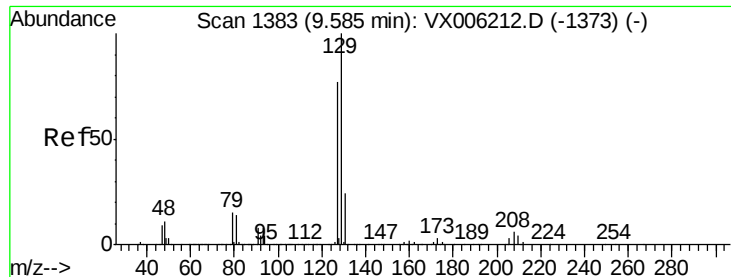
58 56.6 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

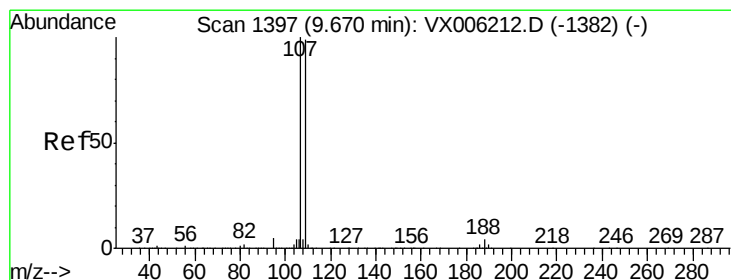
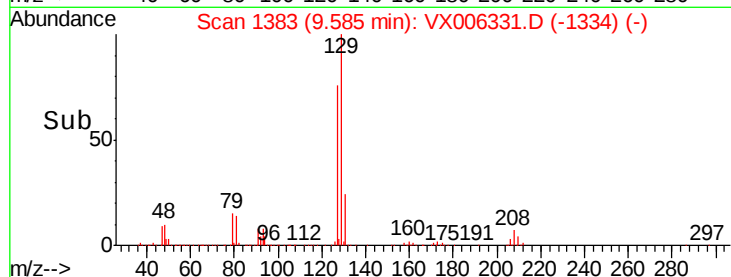
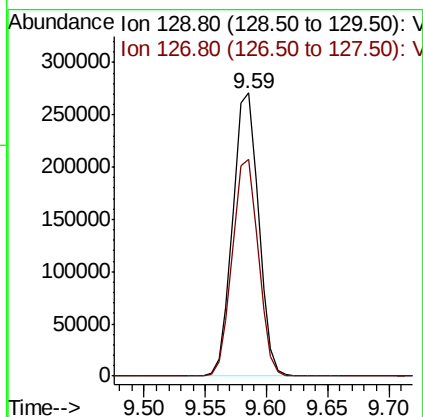
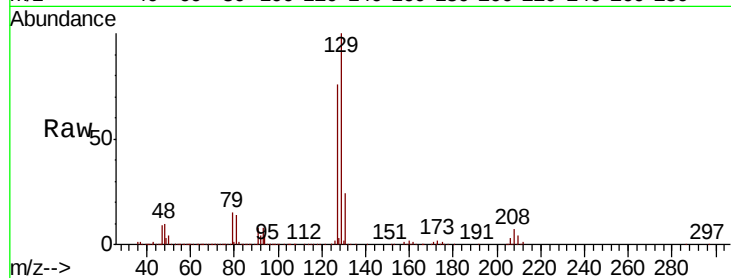




#60
 Dibromochloromethane
 Concen: 47.948 ug/l
 RT: 9.59 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VX006331.D
 Acq: 06 Dec 2018 20:57

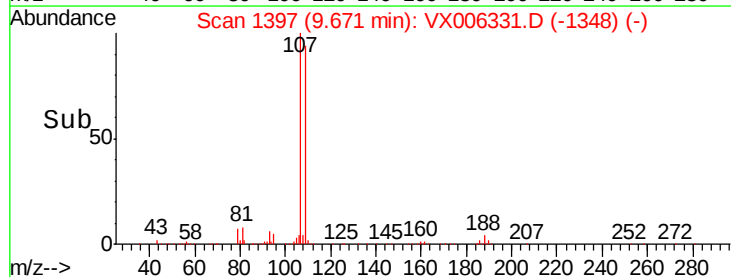
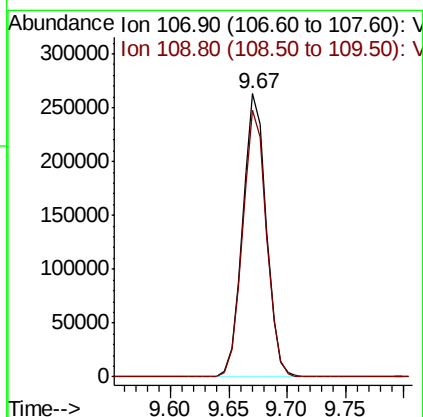
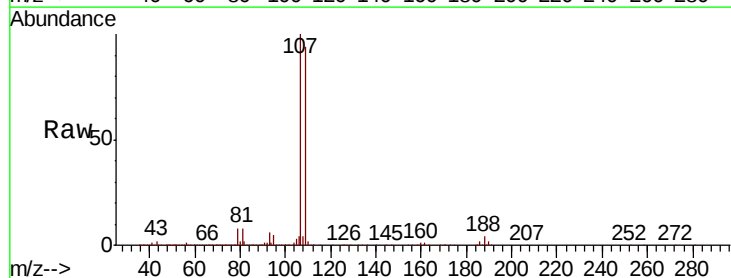
Instrument :
 MSVOA_X
 ClientSampleId :

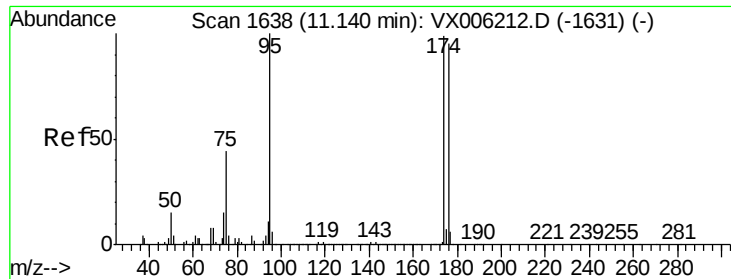
Tot Ion:129 Resp: 395223
 Ion Ratio Lower Upper
 129 100
 127 76.9 38.6 115.8



#61
 1,2-Dibromoethane
 Concen: 49.777 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006331.D
 Acq: 06 Dec 2018 20:57

Tgt Ion:107 Resp: 372052
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.3 114.5





#62

4-Bromofluorobenzene

Concen: 48.856 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

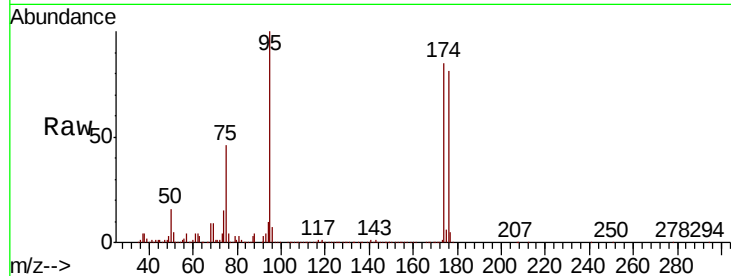
Tot Ion: 95 Resp: 429941

Ion Ratio Lower Upper

95 100

174 93.8 0.0 187.0

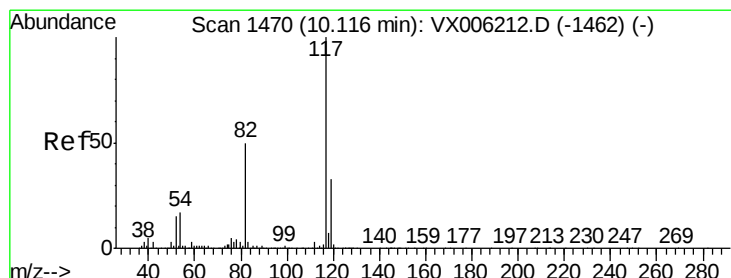
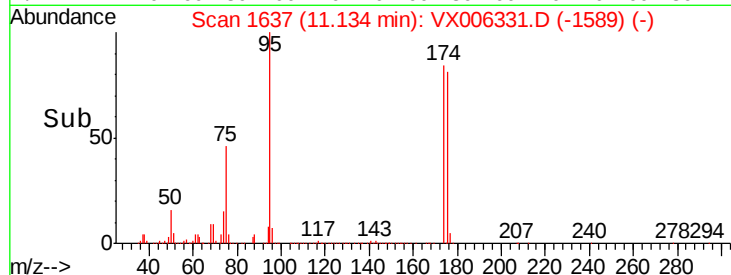
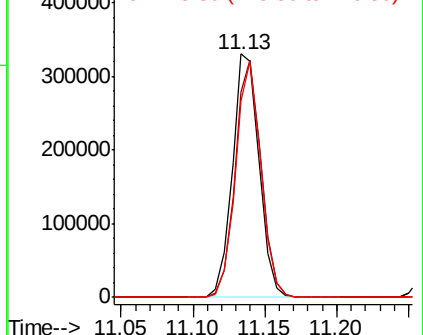
176 91.4 0.0 181.8



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: VX006331.D

Acq: 06 Dec 2018 20:57

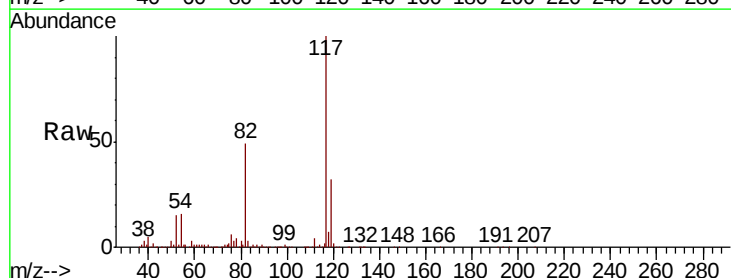
Tgt Ion: 117 Resp: 900853

Ion Ratio Lower Upper

117 100

82 48.6 39.6 59.4

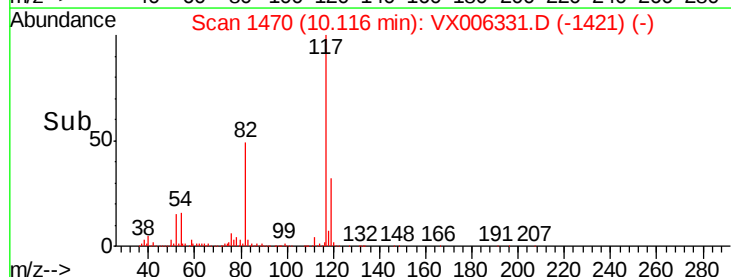
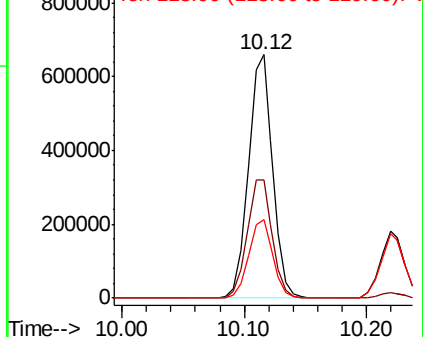
119 32.1 26.3 39.5

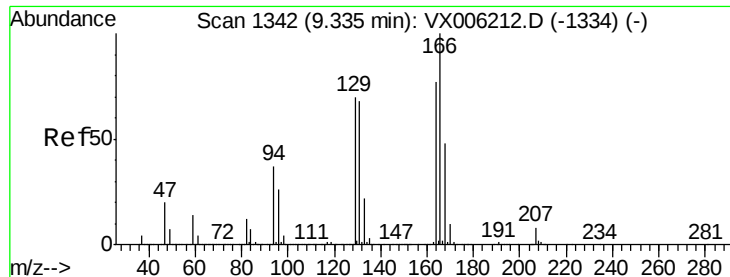


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

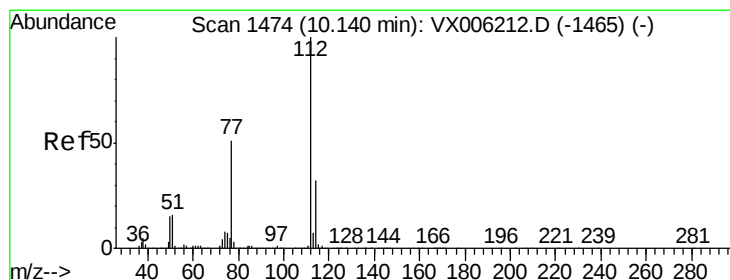
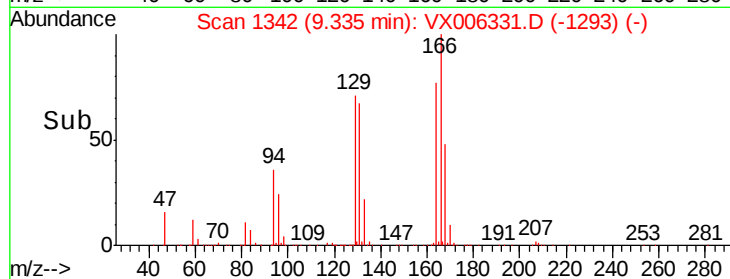
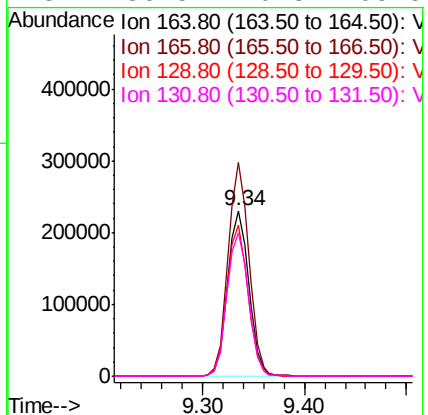
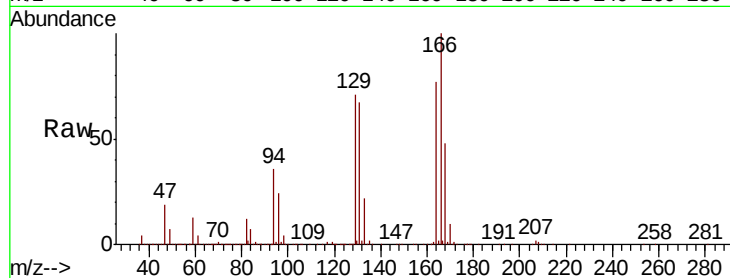




#64
Tetrachloroethene
Concen: 48.818 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006331.D
Acq: 06 Dec 2018 20:57

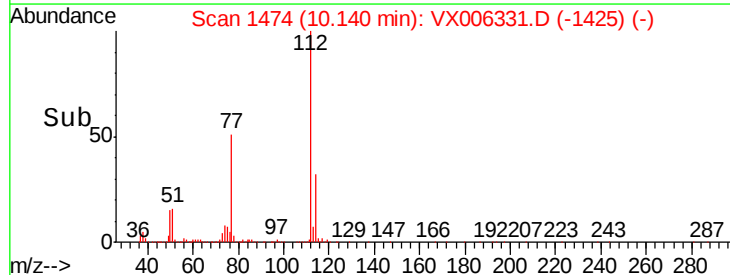
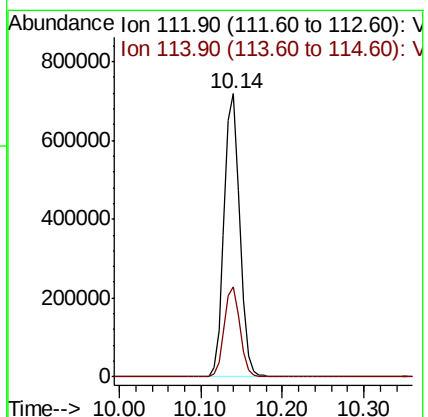
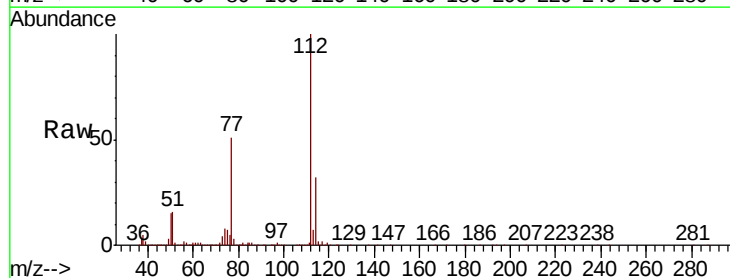
Instrument :
MSVOA_X
ClientSampleId :

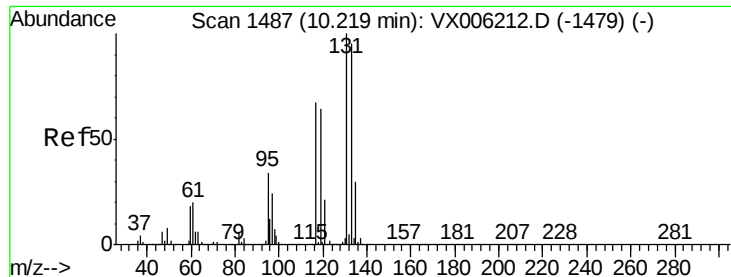
Tot Ion	Ratio	Lower	Upper
164	100		
166	129.1	104.2	156.2
129	91.3	72.6	108.8
131	86.5	70.3	105.5



#65
Chlorobenzene
Concen: 50.204 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006331.D
Acq: 06 Dec 2018 20:57

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.4	38.2

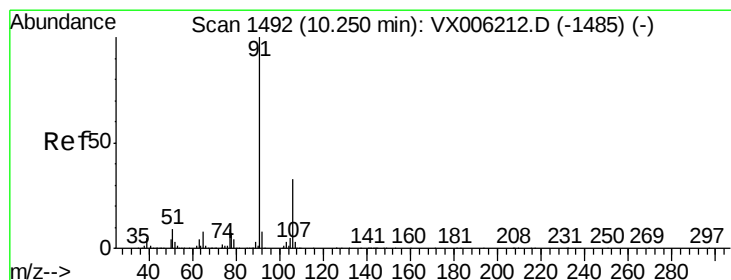
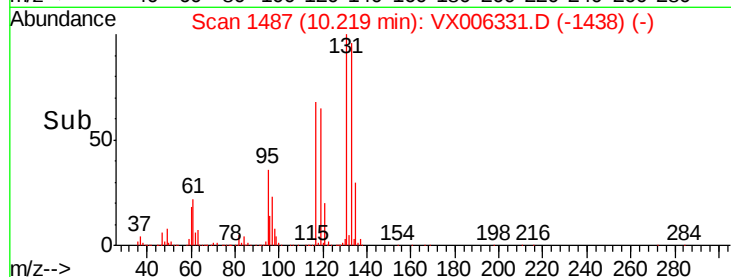
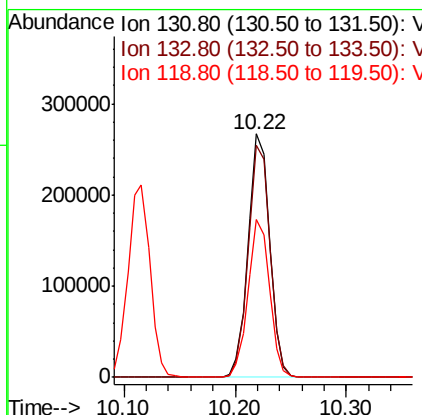
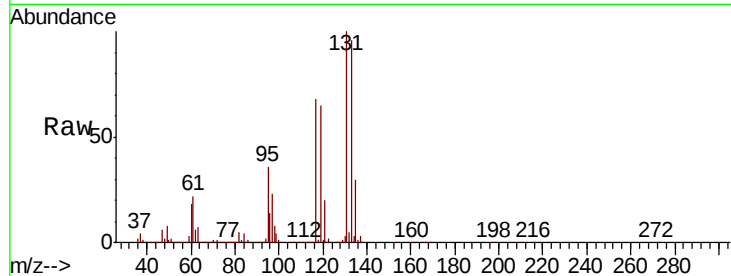




#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.544 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX006331.D
 Acq: 06 Dec 2018 20:57

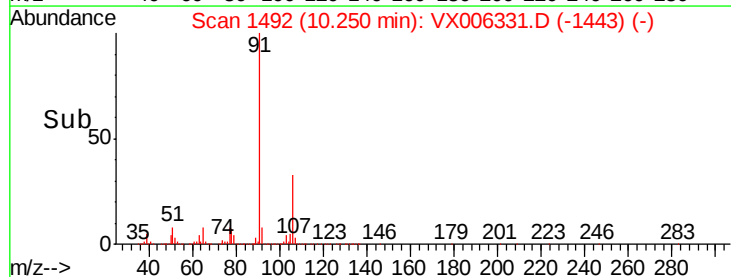
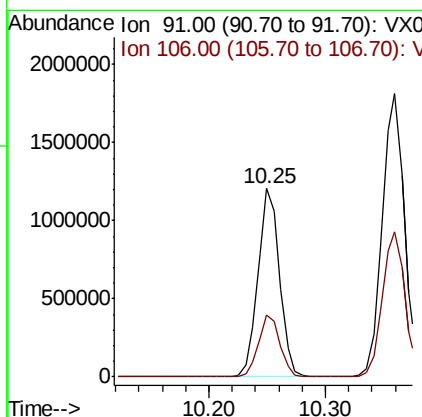
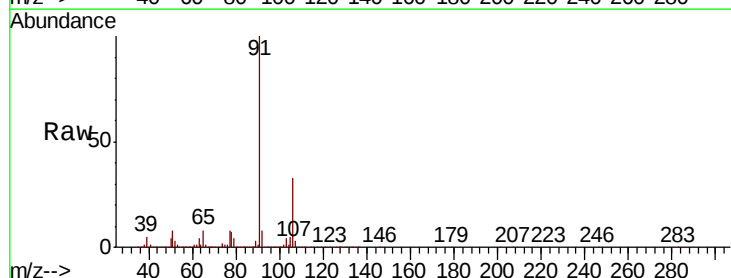
Instrument :
 MSVOA_X
 ClientSampleId :

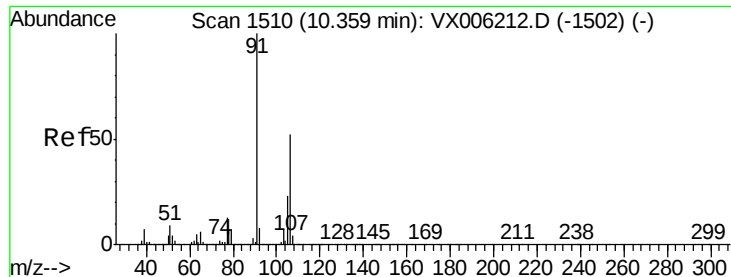
Tot Ion:131 Resp: 360680
 Ion Ratio Lower Upper
 131 100
 133 96.4 48.1 144.4
 119 64.7 32.1 96.3



#67
 Ethyl Benzene
 Concen: 48.961 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX006331.D
 Acq: 06 Dec 2018 20:57

Tgt Ion: 91 Resp: 1557240
 Ion Ratio Lower Upper
 91 100
 106 33.1 26.5 39.7

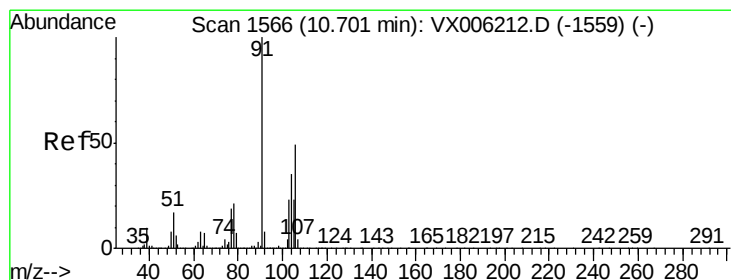
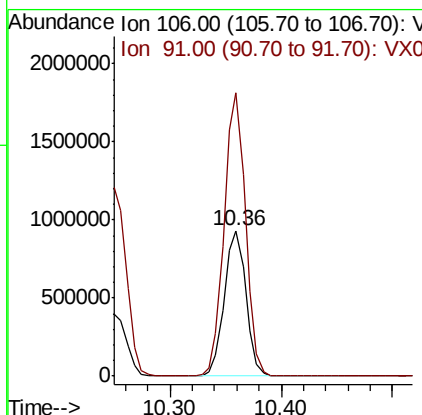
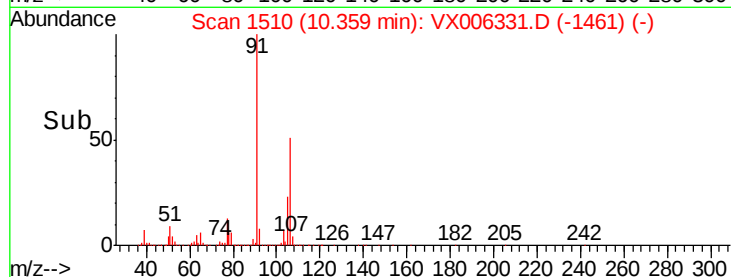
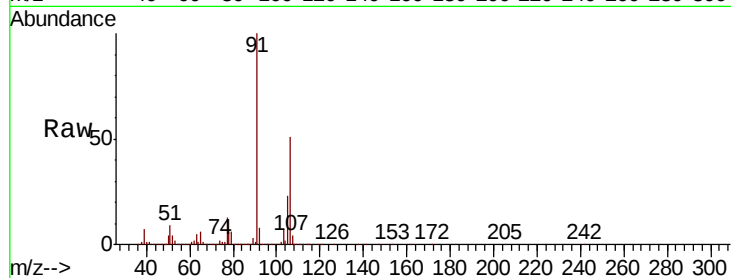




#68
m/p-Xylenes
Concen: 98.029 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006331.D
Acq: 06 Dec 2018 20:57

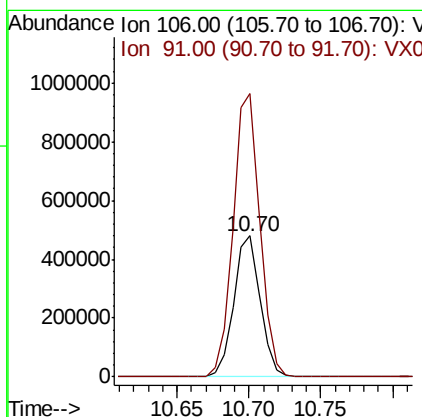
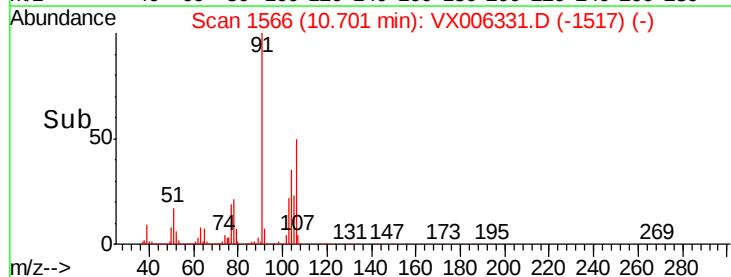
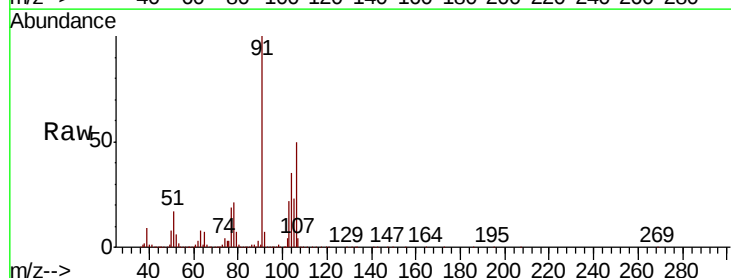
Instrument :
MSVOA_X
ClientSampleId :

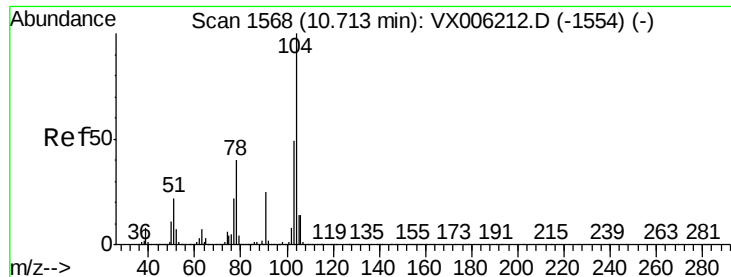
Tot Ion:106 Resp: 1248929
Ion Ratio Lower Upper
106 100
91 192.5 155.2 232.8



#69
o-Xylene
Concen: 48.855 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006331.D
Acq: 06 Dec 2018 20:57

Tgt Ion:106 Resp: 614819
Ion Ratio Lower Upper
106 100
91 204.0 101.8 305.6





#70

Stvrene

Concen: 48.998 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

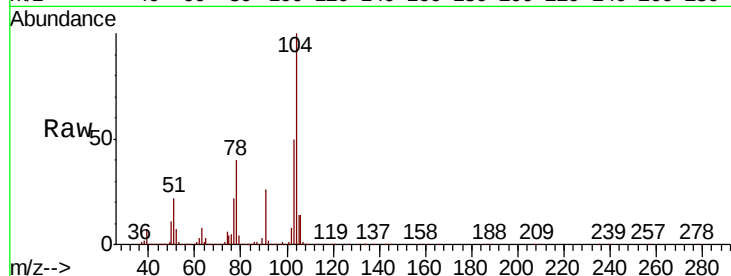
Tot Ion:104 Resp: 997295

Ion Ratio Lower Upper

104 100

78 46.9 37.2 55.8

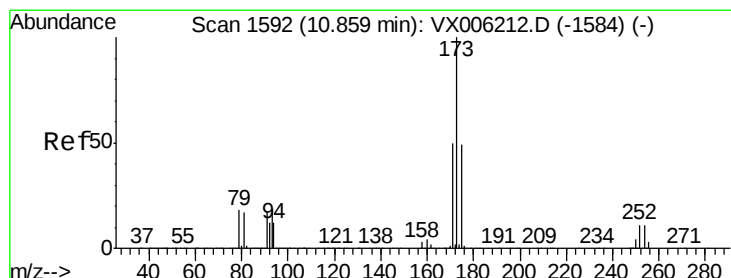
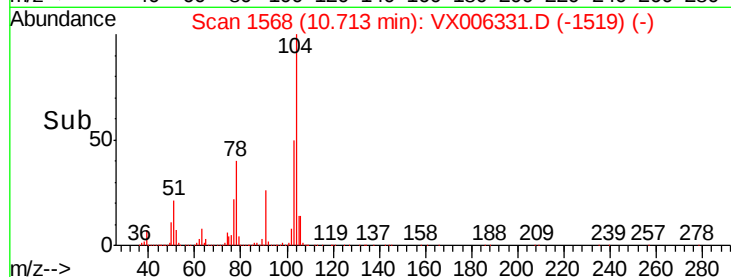
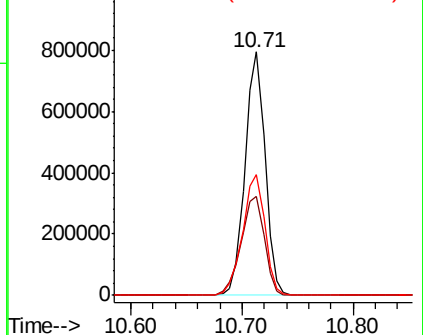
103 54.9 43.5 65.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 45.205 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

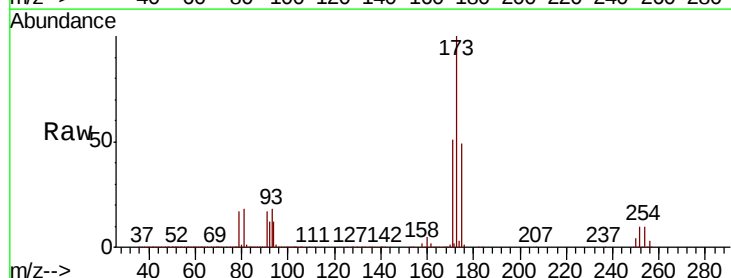
Tgt Ion:173 Resp: 317061

Ion Ratio Lower Upper

173 100

175 49.4 24.6 73.8

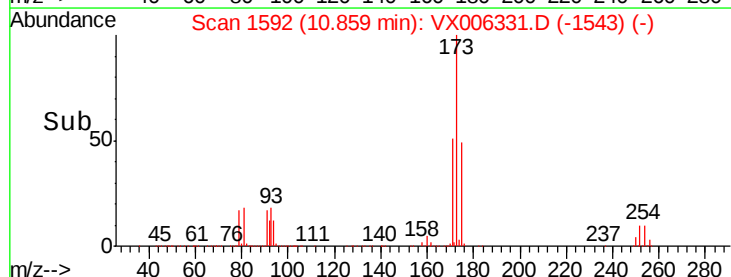
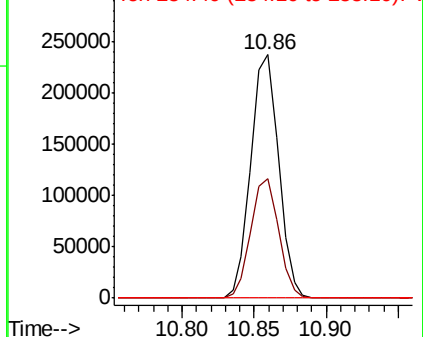
254 0.1 0.2 0.2#

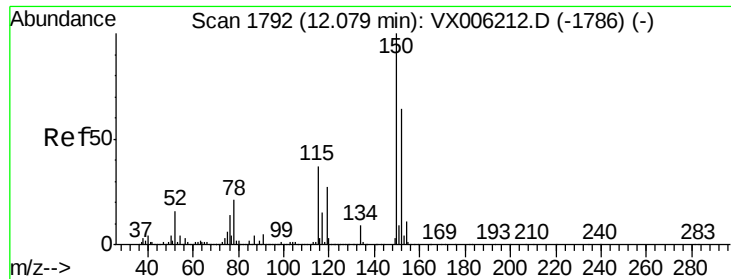


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

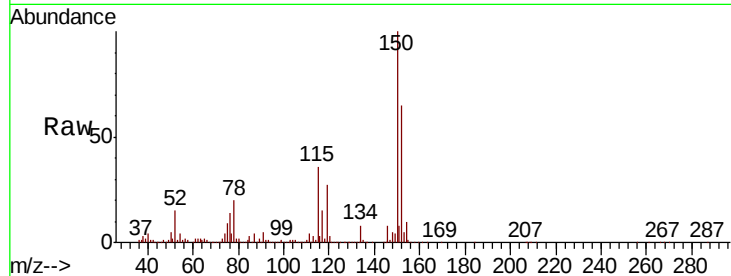
Tot Ion:152 Resp: 471513

Ion Ratio Lower Upper

152 100

115 77.2 39.0 116.9

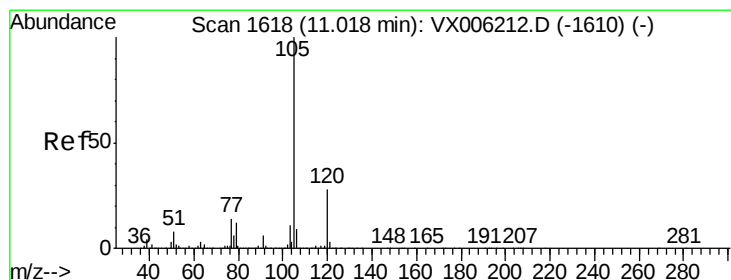
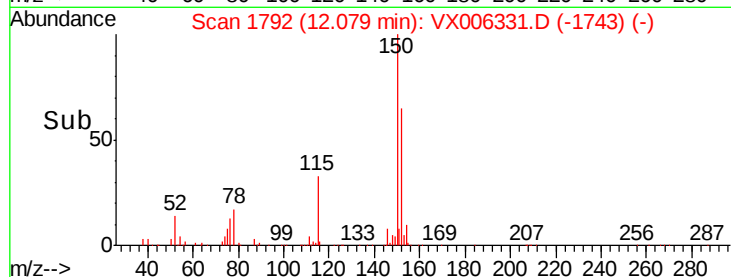
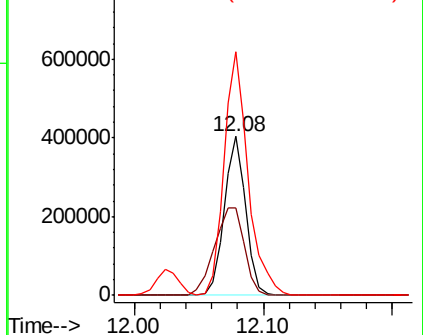
150 171.9 0.0 345.8



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: 50.199 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006331.D

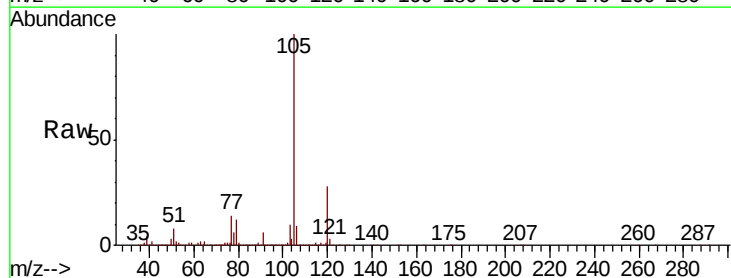
Acq: 06 Dec 2018 20:57

Tgt Ion:105 Resp: 1634585

Ion Ratio Lower Upper

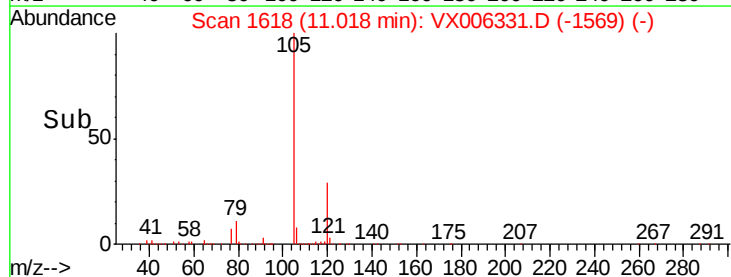
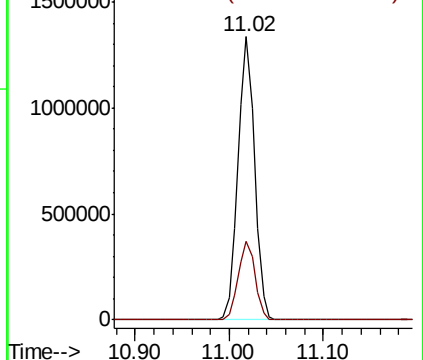
105 100

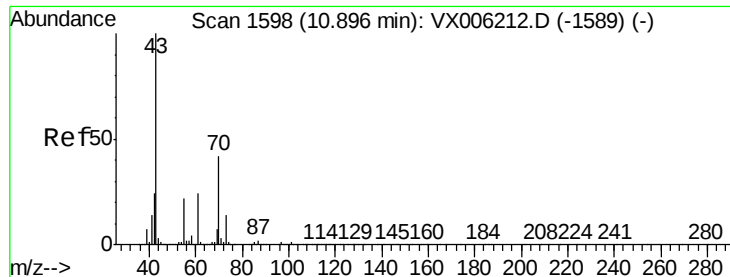
120 28.2 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 42.017 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 589161

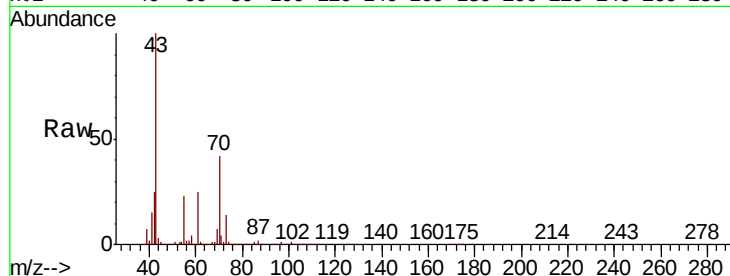
Ion Ratio Lower Upper

43 100

70 43.8 34.1 51.1

55 24.0 17.8 26.8

61 25.2 19.7 29.5

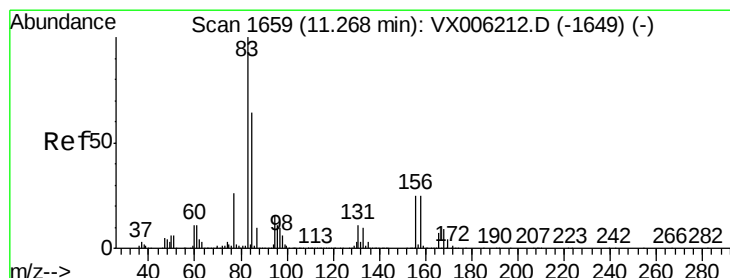
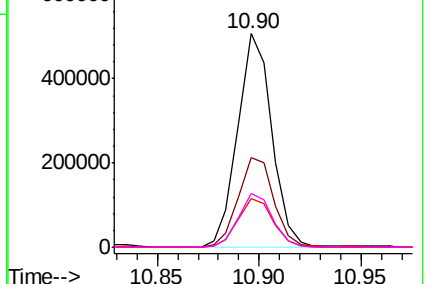
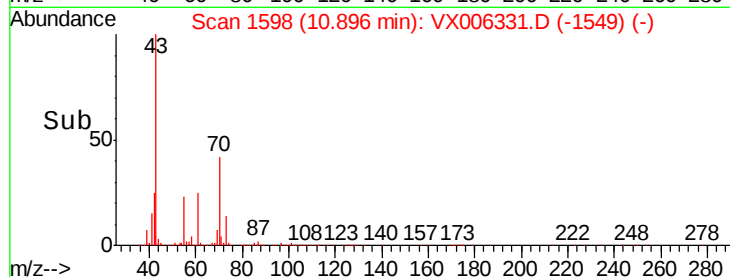


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 49.005 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

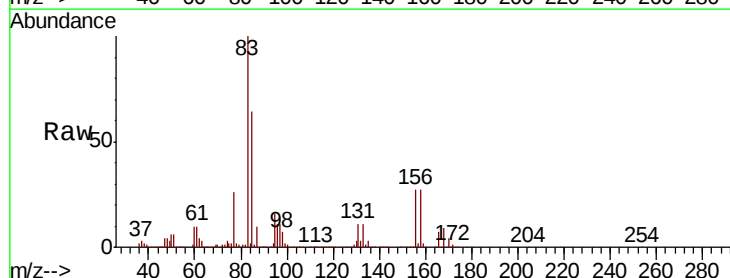
Tgt Ion: 83 Resp: 510500

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.1

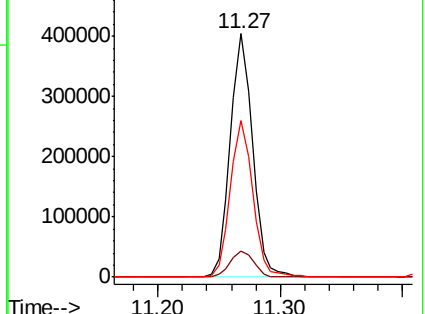
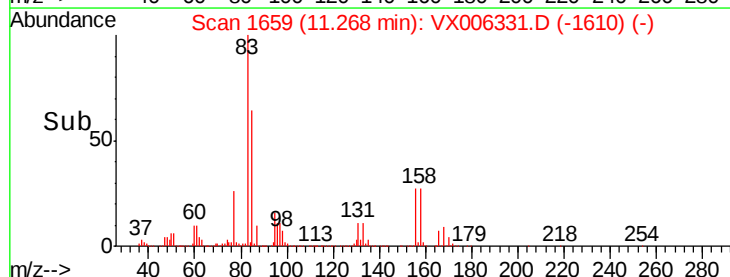
85 64.7 32.1 96.5

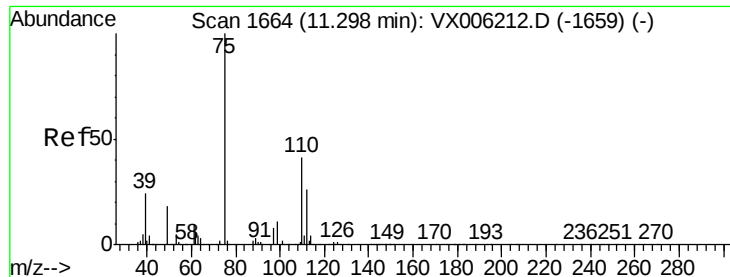


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 65.622 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

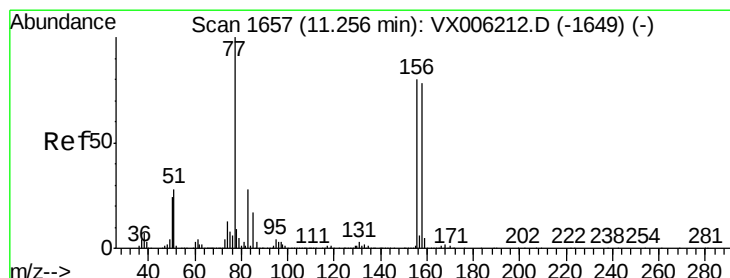
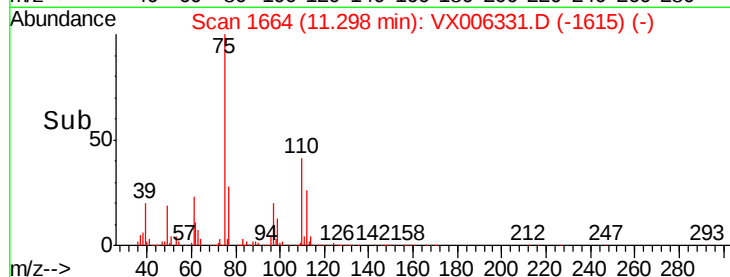
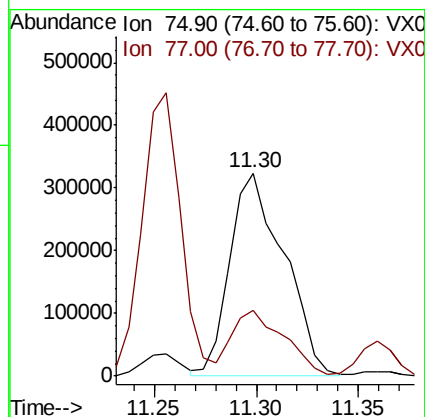
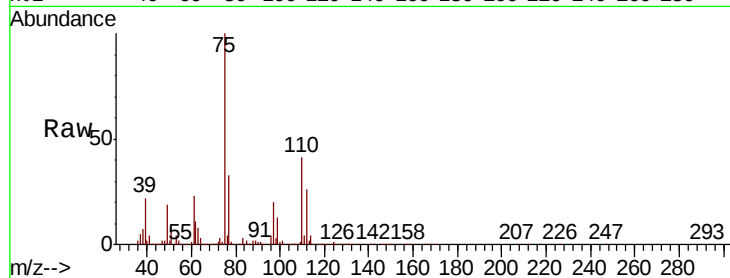
ClientSampled :

Tot Ion: 75 Resp: 597227

Ion Ratio Lower Upper

75 100

77 31.2 19.9 59.7



#77

Bromobenzene

Concen: 49.095 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

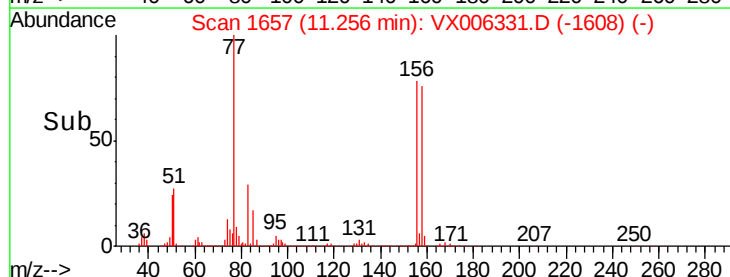
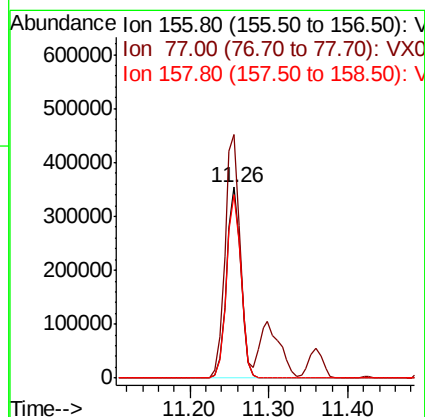
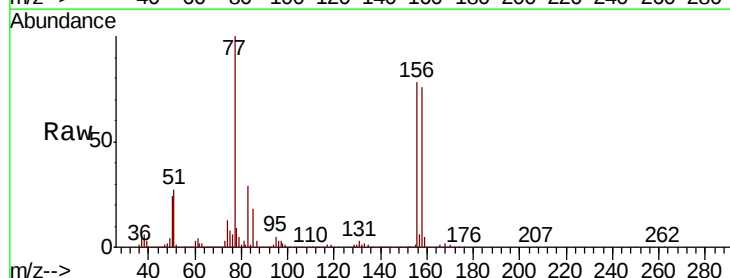
Tgt Ion: 156 Resp: 443652

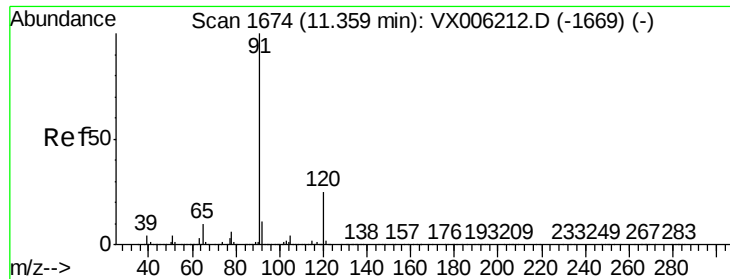
Ion Ratio Lower Upper

156 100

77 134.5 66.2 198.6

158 98.0 48.8 146.4





#78

n-propylbenzene

Concen: 49.547 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

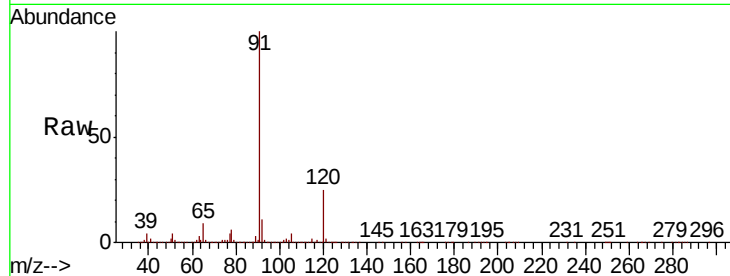
ClientSampleId :

Tot Ion: 91 Resp: 1793404

Ion Ratio Lower Upper

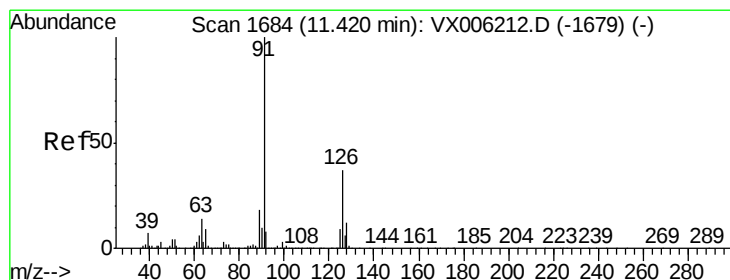
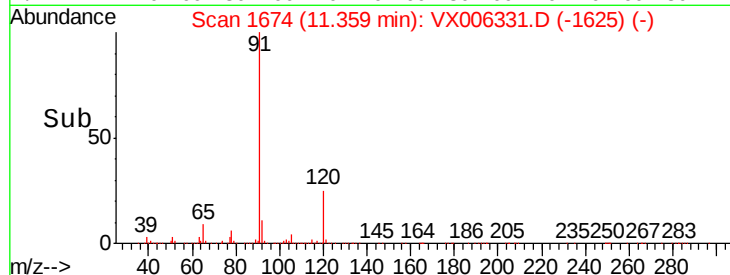
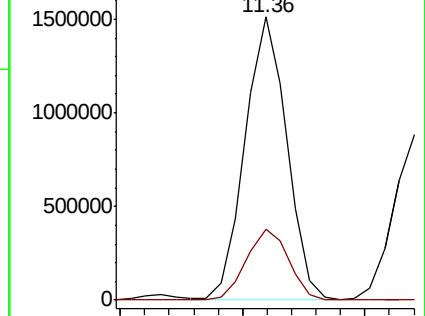
91 100

120 25.7 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 49.163 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006331.D

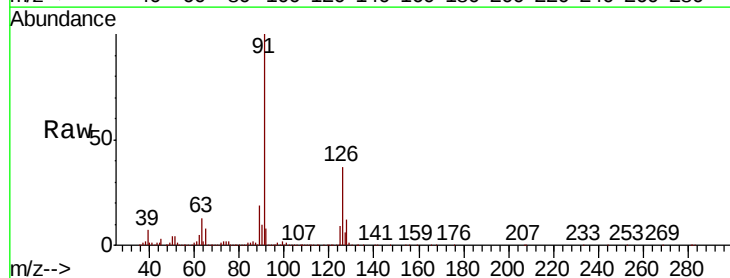
Acq: 06 Dec 2018 20:57

Tgt Ion: 91 Resp: 1057654

Ion Ratio Lower Upper

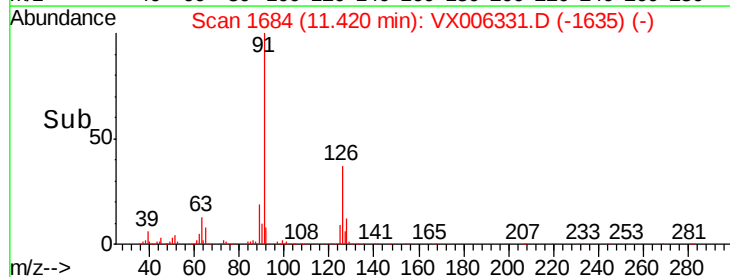
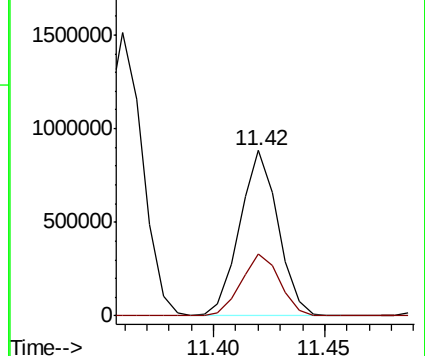
91 100

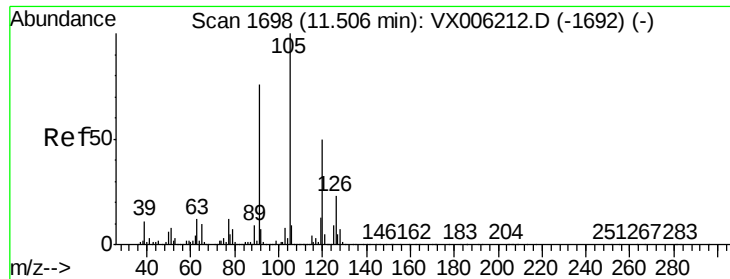
126 37.8 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

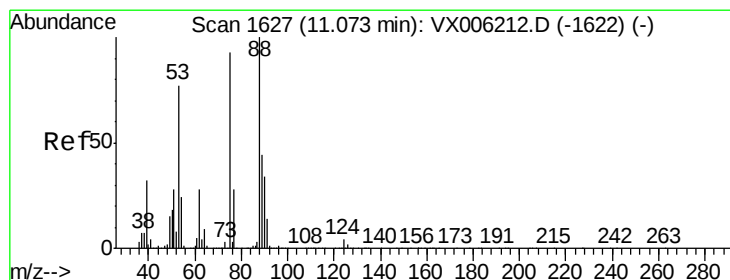
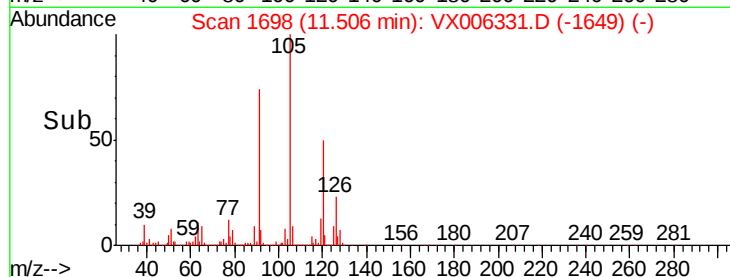
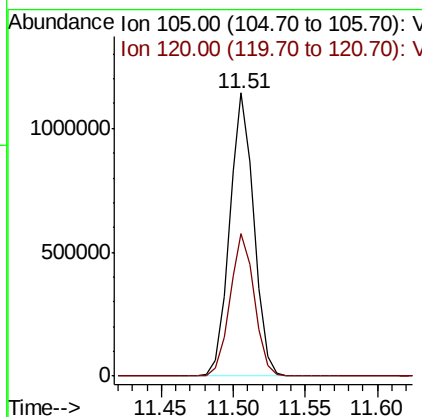
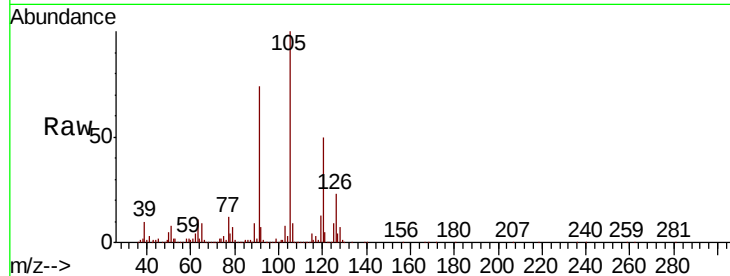




#80
 1,3,5-Trimethylbenzene
 Concen: 49.696 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006331.D
 Acq: 06 Dec 2018 20:57

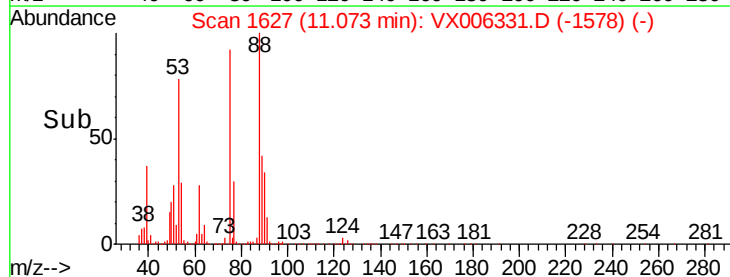
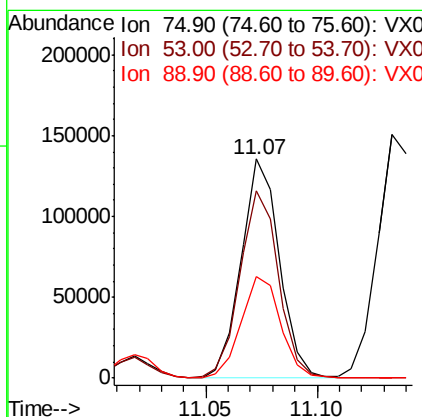
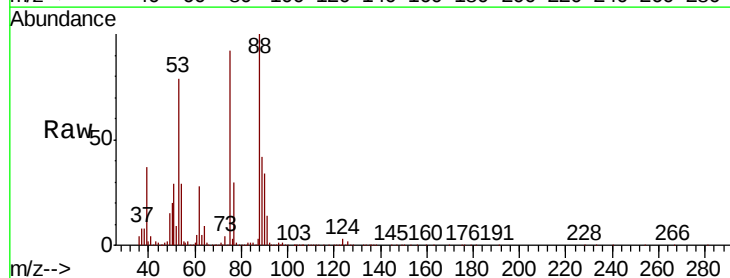
Instrument :
 MSVOA_X
 ClientSampled :

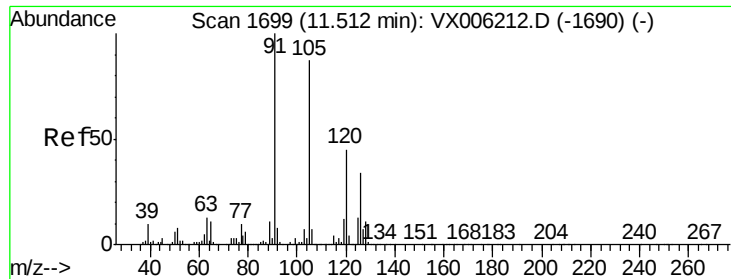
Tot Ion:105 Resp: 1346389
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.4 76.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.641 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX006331.D
 Acq: 06 Dec 2018 20:57

Tgt Ion: 75 Resp: 161491
 Ion Ratio Lower Upper
 75 100
 53 86.0 64.4 96.6
 89 48.4 44.2 66.4

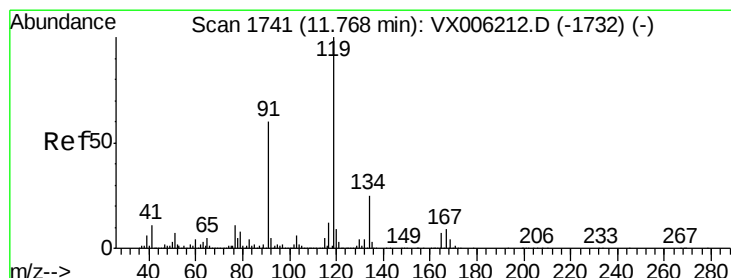
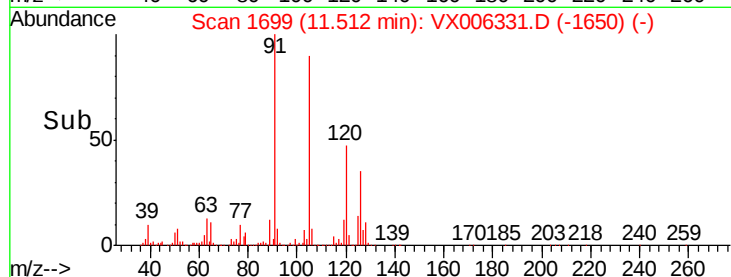
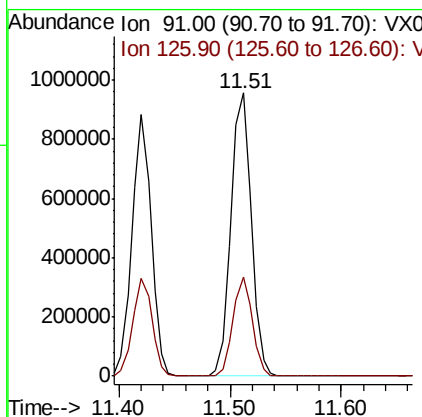
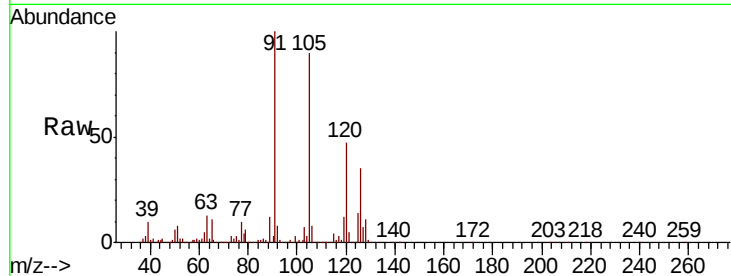




#82
4-Chlorotoluene
Concen: 48.540 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006331.D
Acq: 06 Dec 2018 20:57

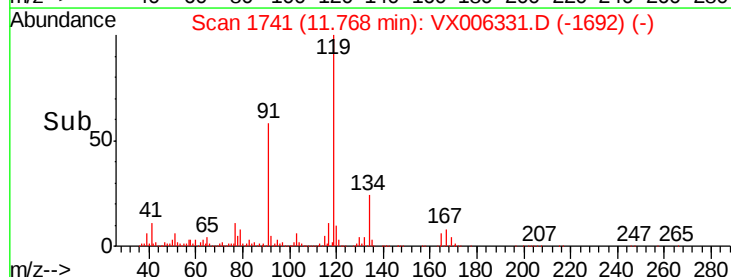
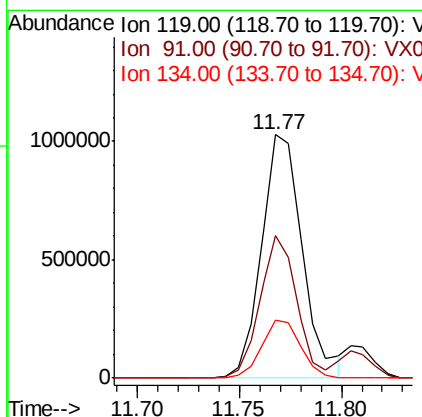
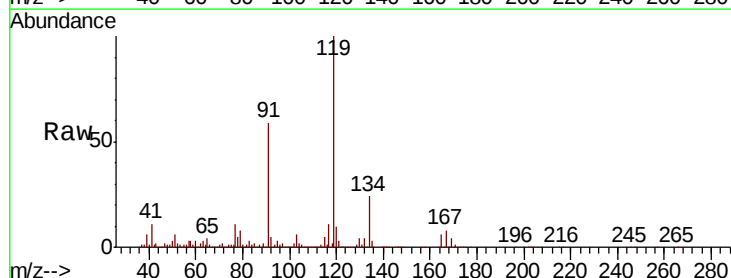
Instrument :
MSVOA_X
ClientSampled :

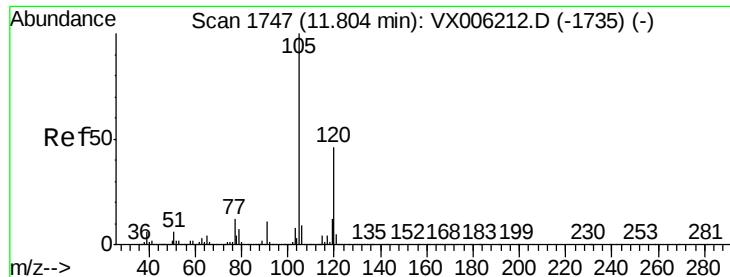
Tot Ion: 91 Resp: 1214121
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.4



#83
tert-Butylbenzene
Concen: 49.643 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006331.D
Acq: 06 Dec 2018 20:57

Tgt Ion: 119 Resp: 1435025
Ion Ratio Lower Upper
119 100
91 52.6 26.4 79.2
134 22.9 11.6 34.7





#84

1,2,4-Trimethylbenzene

Concen: 49.581 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

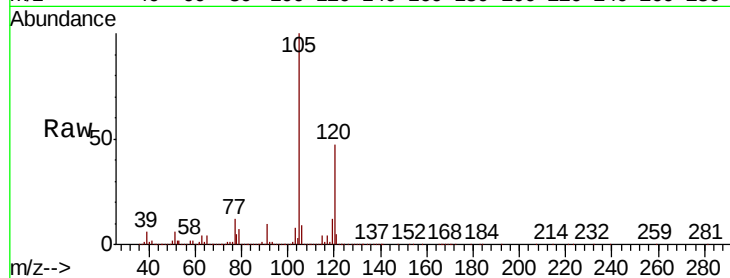
ClientSampleId :

Tot Ion:105 Resp: 1387057

Ion Ratio Lower Upper

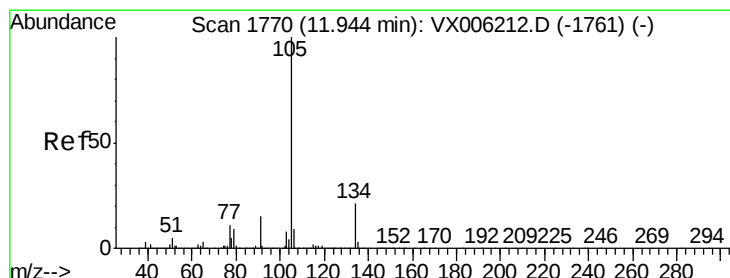
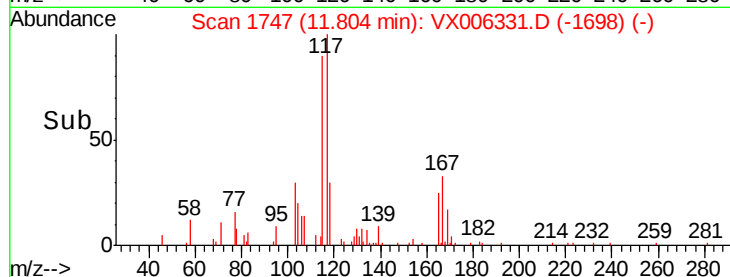
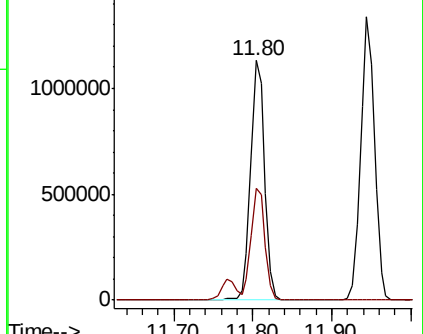
105 100

120 46.6 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 49.799 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006331.D

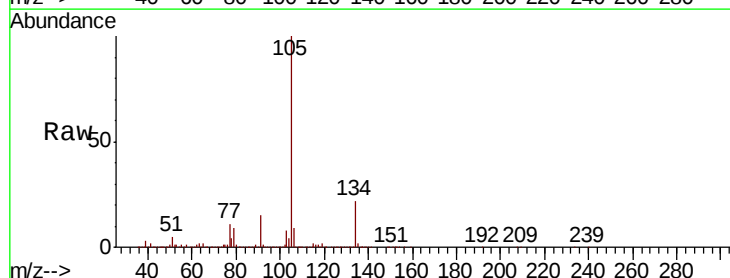
Acq: 06 Dec 2018 20:57

Tgt Ion:105 Resp: 1637676

Ion Ratio Lower Upper

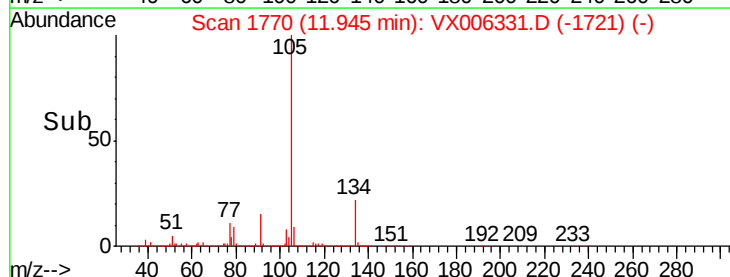
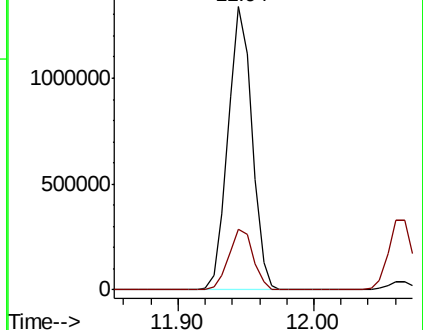
105 100

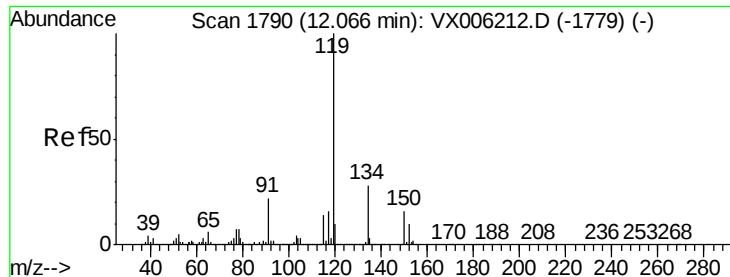
134 22.0 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 49.888 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

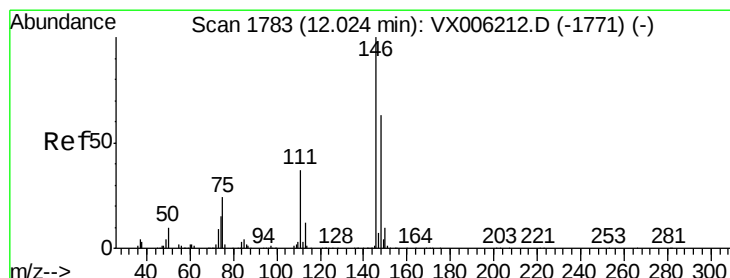
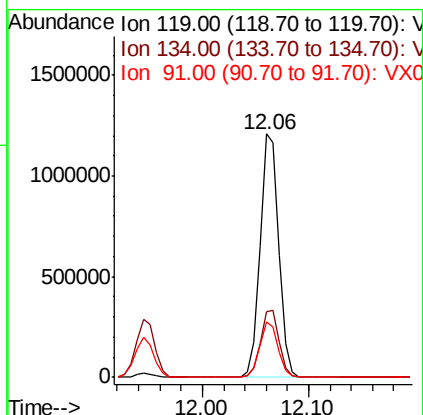
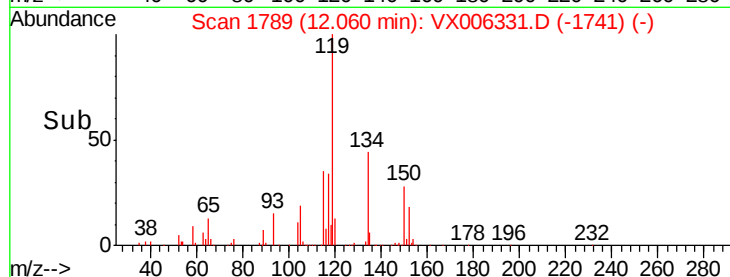
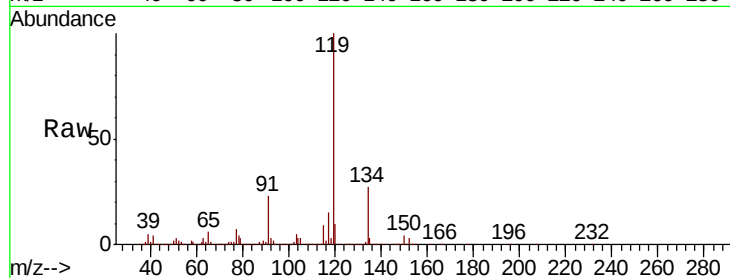
Tot Ion:119 Resp: 1477295

Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.9	41.6
91	22.3	11.3	33.8

119 100

134 27.5 13.9 41.6

91 22.3 11.3 33.8



#87

1,3-Dichlorobenzene

Concen: 49.333 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

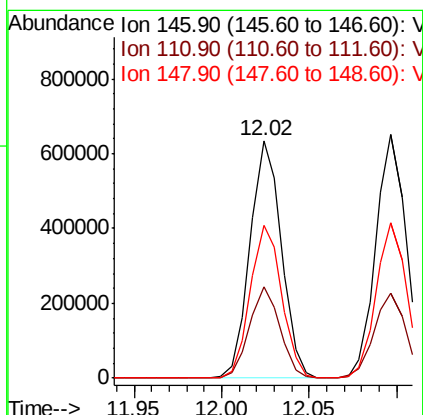
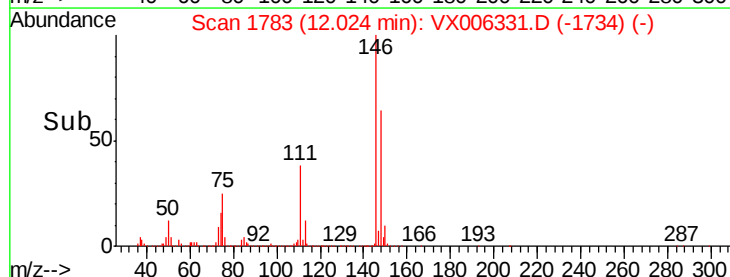
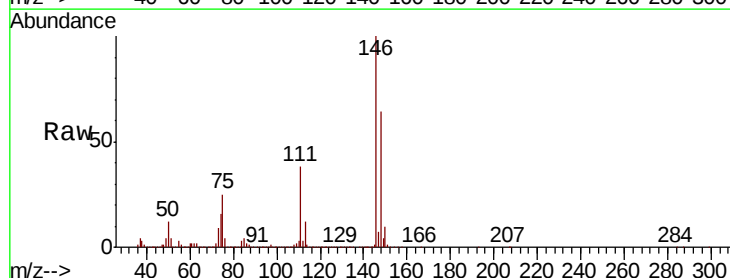
Tgt Ion:146 Resp: 793240

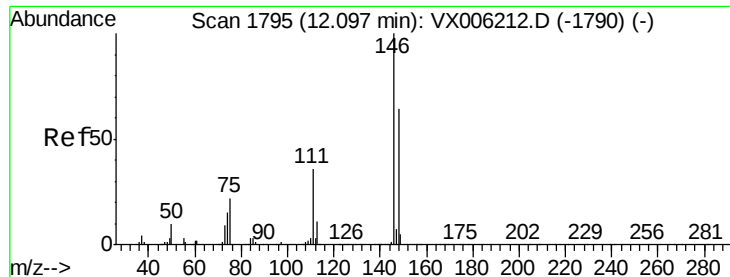
Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.4	55.2
148	64.5	32.0	96.0

146 100

111 37.2 18.4 55.2

148 64.5 32.0 96.0

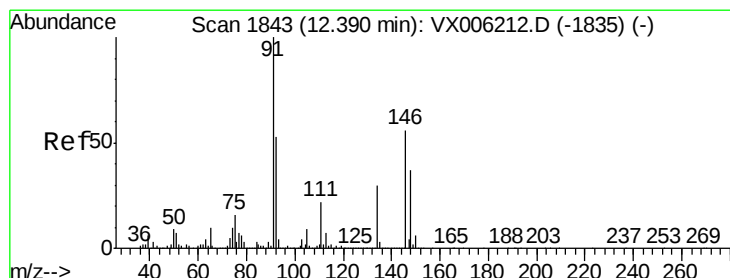
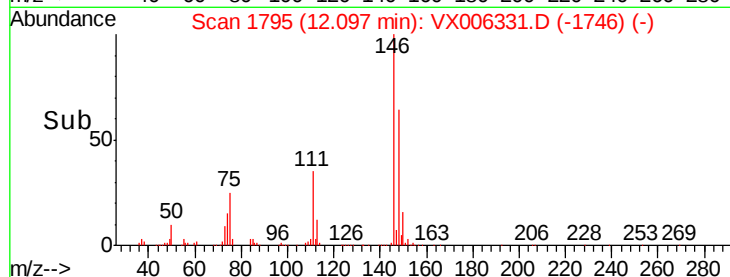
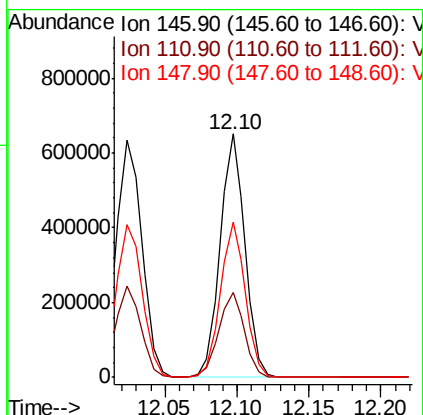
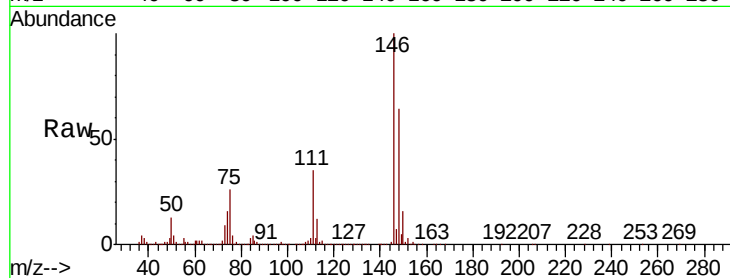




#88
 1,4-Dichlorobenzene
 Concen: 48.330 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006331.D
 Acq: 06 Dec 2018 20:57

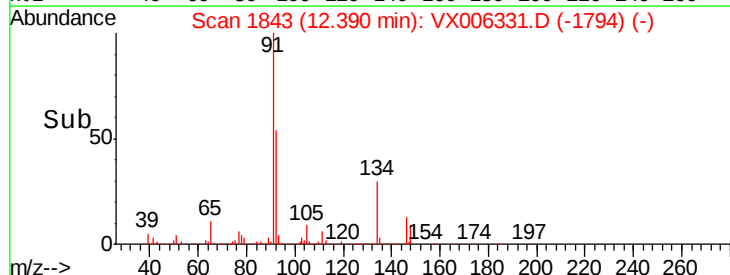
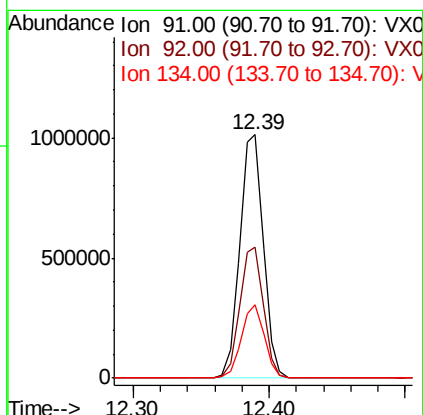
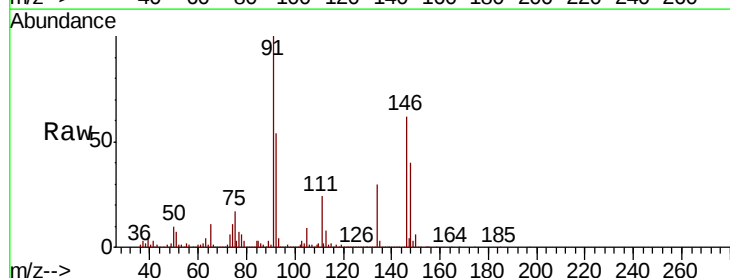
Instrument :
 MSVOA_X
 ClientSampled :

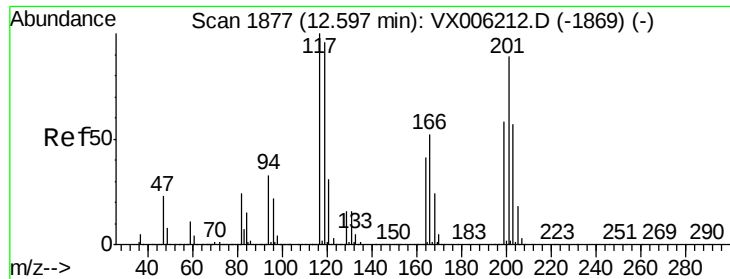
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.3	54.8
148	64.1	31.9	95.9



#89
 n-Butylbenzene
 Concen: 48.180 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006331.D
 Acq: 06 Dec 2018 20:57

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.6	79.8
134	29.7	14.8	44.3





#90

Hexachloroethane

Concen: 45.948 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

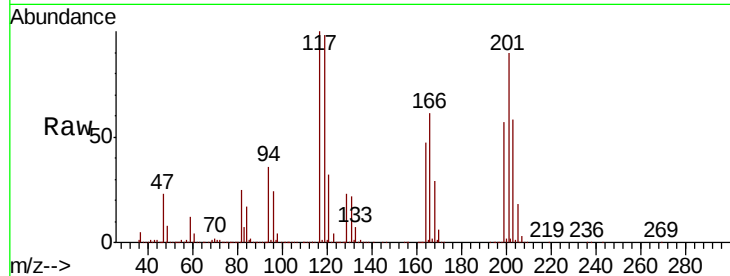
ClientSampleId :

Tot Ion:117 Resp: 277310

Ion Ratio Lower Upper

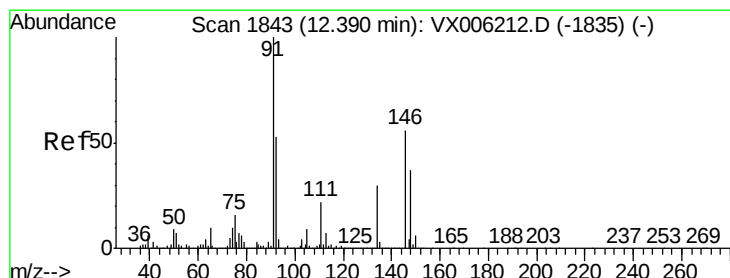
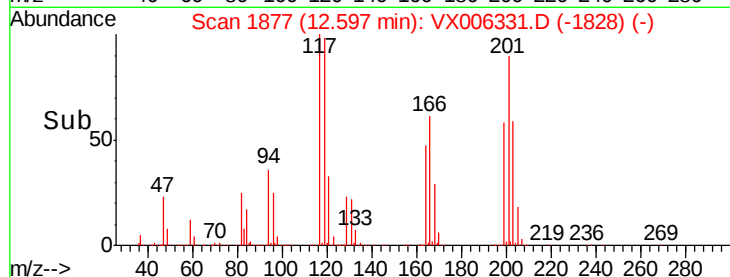
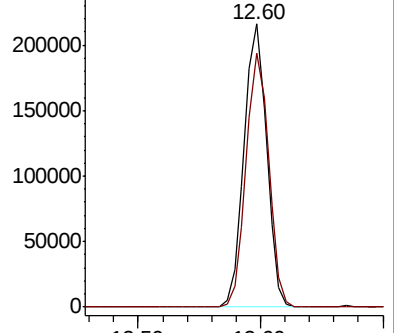
117 100

201 90.2 44.7 134.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 49.103 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

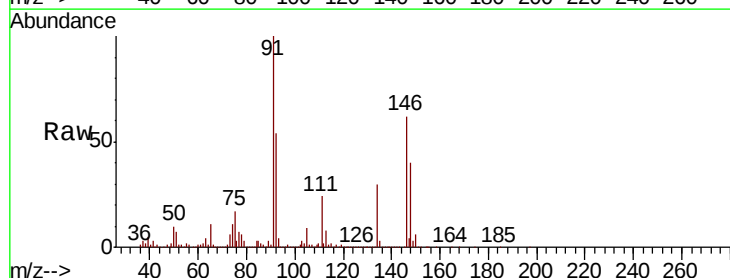
Tgt Ion:146 Resp: 783588

Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.3

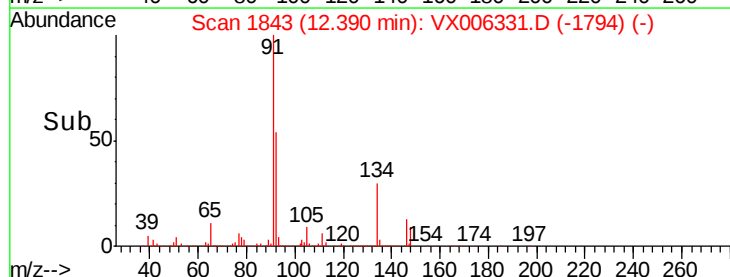
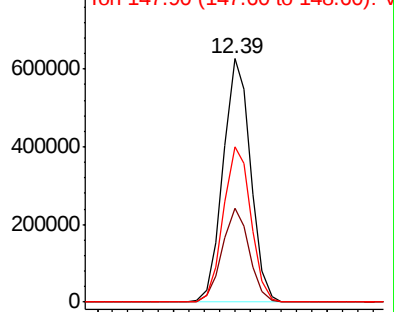
148 64.2 32.1 96.3

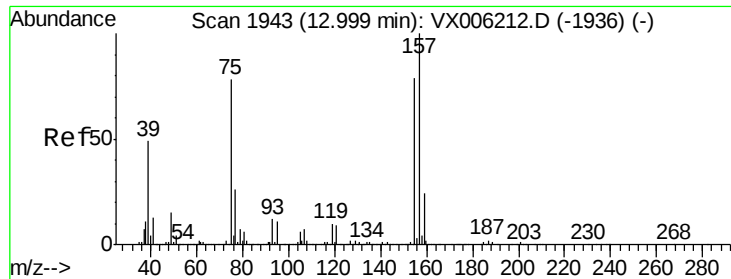


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 44.377 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

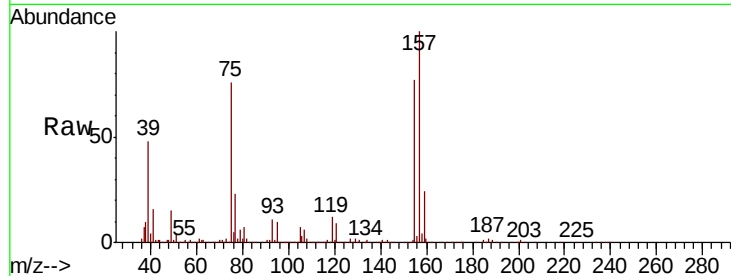
Tot Ion: 75 Resp: 118504

Ion Ratio Lower Upper

75 100

155 104.2 53.4 160.3

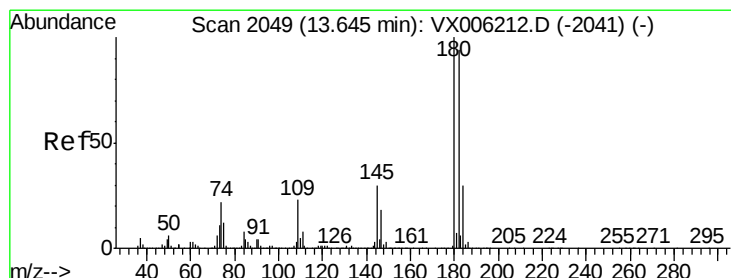
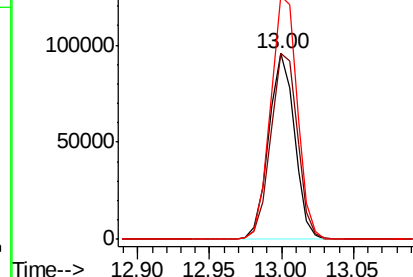
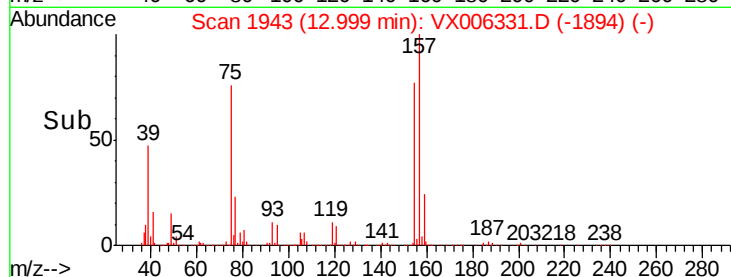
157 136.0 68.0 203.8



Abundance Ion 74.90 (74.60 to 75.60): VX006331.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX006331.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX006331.D (-1894) (-)



#93

1,2,4-Trichlorobenzene

Concen: 48.381 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

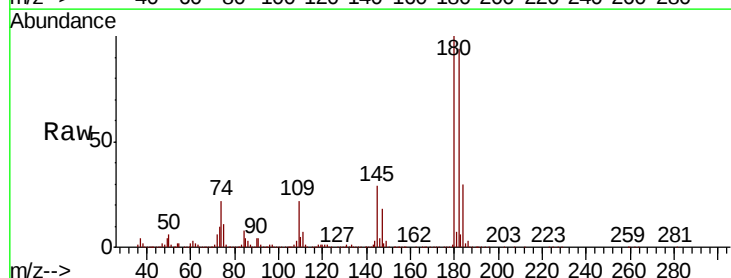
Tgt Ion: 180 Resp: 563274

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

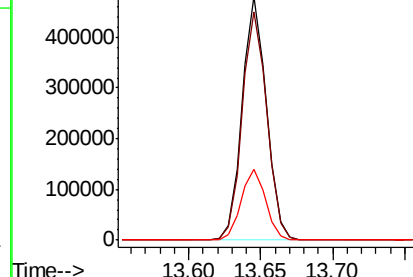
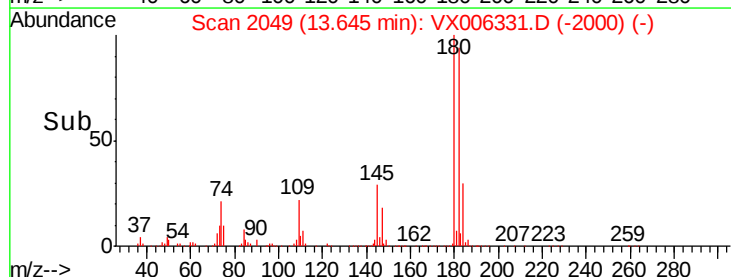
145 29.6 14.6 43.8

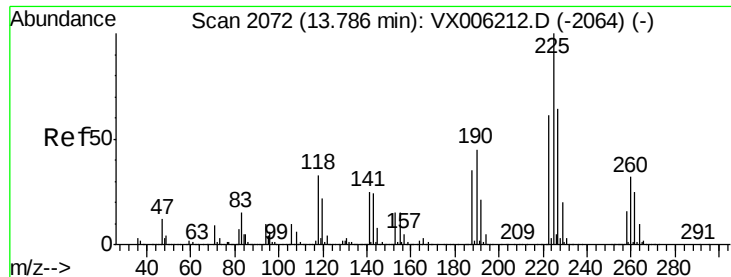


Abundance Ion 179.80 (179.50 to 180.50): VX006331.D (-2000) (-)

Ion 181.80 (181.50 to 182.50): VX006331.D (-2000) (-)

Ion 144.80 (144.50 to 145.50): VX006331.D (-2000) (-)





#94

Hexachlorobutadiene

Concen: 48.533 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampled :

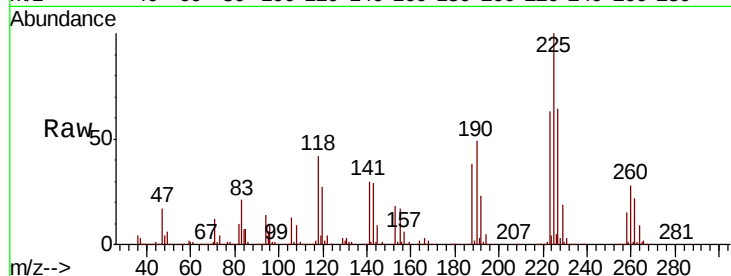
Tot Ion:225 Resp: 249886

Ion Ratio Lower Upper

225 100

223 63.5 31.2 93.6

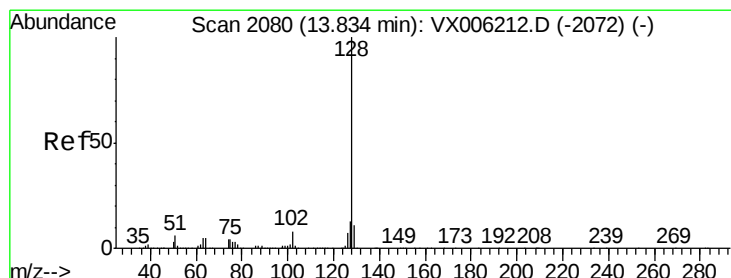
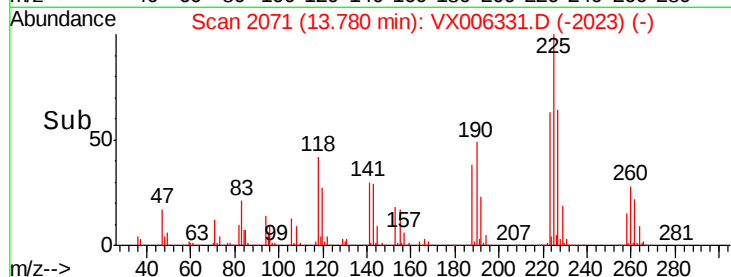
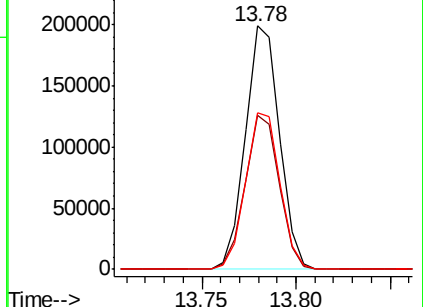
227 64.7 31.9 95.5



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: 49.531 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

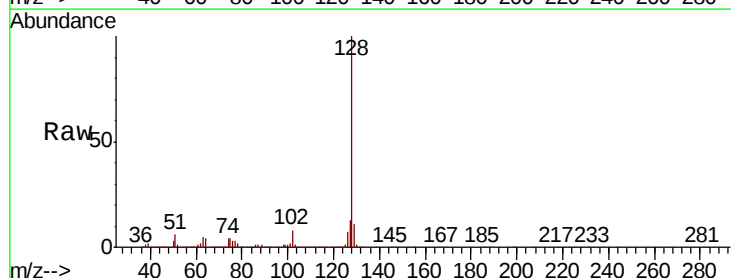
Tgt Ion:128 Resp: 1793783

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

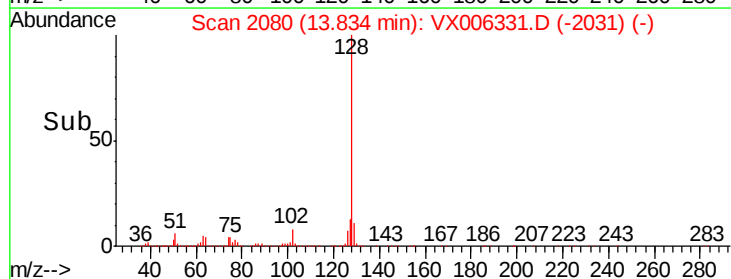
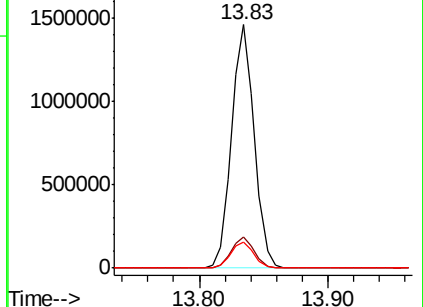
129 10.9 8.9 13.3

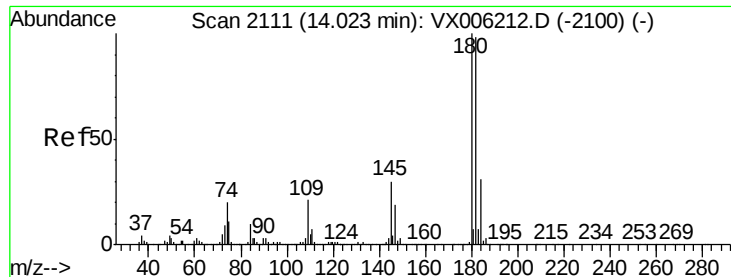


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 48.631 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006331.D

Acq: 06 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

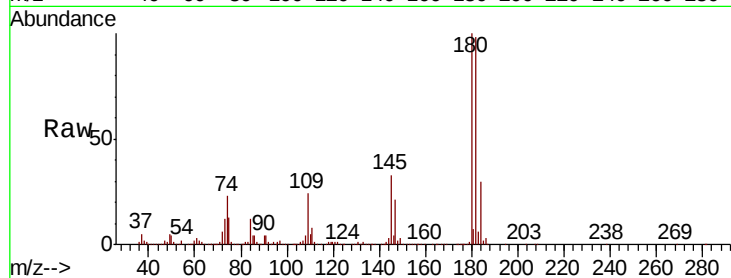
Tot Ion:180 Resp: 560790

Ion Ratio Lower Upper

180 100

182 96.4 48.4 145.2

145 31.7 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

