

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005939.D
 Acq On : 13 Nov 2018 09:18
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 13 12:08:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	101762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	137195	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	126999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	72877	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	60313	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	
35) Dibromofluoromethane	5.51	113	48623	52.11	ug/l	0.00
Spiked Amount			Recovery	=	104.22%	
50) Toluene-d8	8.71	98	165409	53.32	ug/l	0.00
Spiked Amount			Recovery	=	106.64%	
62) 4-Bromofluorobenzene	11.14	95	63135	56.60	ug/l	0.00
Spiked Amount			Recovery	=	113.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	44531	48.535	ug/l	99
3) Chloromethane	1.32	50	54749	45.469	ug/l	99
4) Vinyl Chloride	1.41	62	59846	49.509	ug/l	94
5) Bromomethane	1.64	94	32789	44.325	ug/l	97
6) Chloroethane	1.71	64	34096	47.273	ug/l #	84
7) Trichlorofluoromethane	1.92	101	78858	49.147	ug/l	86
8) Diethyl Ether	2.18	74	32676	51.972	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	46294	50.166	ug/l	98
10) Methyl Iodide	2.51	142	57026	50.987	ug/l	100
11) Tert butyl alcohol	3.07	59	86338	257.624	ug/l	99
12) 1,1-Dichloroethene	2.37	96	43863	48.766	ug/l	90
13) Acrolein	2.29	56	57524	351.556	ug/l	98
14) Allyl chloride	2.73	41	97076	48.324	ug/l	98
15) Acrylonitrile	3.15	53	189030	272.173	ug/l	96
16) Acetone	2.45	43	171804	272.750	ug/l	97
17) Carbon Disulfide	2.57	76	123222	45.928	ug/l	100
18) Methyl Acetate	2.78	43	97625	58.073	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	160172	52.175	ug/l	93
20) Methylene Chloride	2.85	84	50945	49.236	ug/l #	94
21) trans-1,2-Dichloroethene	3.16	96	47802	50.386	ug/l	92
22) Diisopropyl ether	3.87	45	172207	48.935	ug/l	96
23) Vinyl Acetate	3.82	43	772321	255.963	ug/l #	94
24) 1,1-Dichloroethane	3.70	63	95285	50.751	ug/l	97
25) 2-Butanone	4.71	43	254990	257.488	ug/l	99
26) 2,2-Dichloropropane	4.59	77	47792	34.701	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	55313	52.802	ug/l	93
28) Bromochloromethane	5.01	49	47618	56.750	ug/l	99
29) Tetrahydrofuran	5.15	42	166937	262.543	ug/l	99
30) Chloroform	5.21	83	87527	48.321	ug/l	98
31) Cyclohexane	5.57	56	79651	48.873	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	78137	51.717	ug/l	99
36) 1,1-Dichloropropene	5.80	75	68823	52.036	ug/l	97
37) Ethyl Acetate	4.86	43	93501	53.760	ug/l	99
38) Carbon Tetrachloride	5.78	117	69968	52.843	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70595	52.664	ug/l	96
40) Benzene	6.15	78	198529	51.490	ug/l	96
41) Methacrylonitrile	5.06	41	49185	52.336	ug/l	96
42) 1,2-Dichloroethane	6.20	62	74412	53.883	ug/l	100
43) Isopropyl Acetate	6.46	43	136464	54.149	ug/l	98
44) Trichloroethene	7.21	130	53738	54.882	ug/l	90
45) 1,2-Dichloropropane	7.51	63	51645	55.186	ug/l #	85
46) Dibromomethane	7.66	93	31730	54.032	ug/l	96
47) Bromodichloromethane	7.90	83	63503	57.219	ug/l	98
48) Methyl methacrylate	7.77	41	66743	58.981	ug/l	99
49) 1,4-Dioxane	7.75	88	28238	1158.031	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	444963	280.148	ug/l	100
52) Toluene	8.79	92	112737	52.317	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	65070	49.684	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	72919	54.625	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	46817	48.749	ug/l	96
56) Ethyl methacrylate	9.18	69	73886	51.418	ug/l	99
57) 1,3-Dichloropropane	9.37	76	79870	49.489	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	218916	278.603	ug/l	97
59) 2-Hexanone	9.49	43	353134	252.234	ug/l	100
60) Dibromochloromethane	9.59	129	51140	49.272	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50004	47.087	ug/l	99
64) Tetrachloroethene	9.34	164	53554	49.529	ug/l	98
65) Chlorobenzene	10.14	112	126893	49.875	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	47497	53.699	ug/l	99
67) Ethyl Benzene	10.25	91	221708	54.344	ug/l	99
68) m/p-Xylenes	10.36	106	171355	110.115	ug/l	100
69) o-Xylene	10.70	106	81311	58.271	ug/l	99
70) Styrene	10.71	104	138490	60.164	ug/l	99
71) Bromoform	10.86	173	43124	58.160	ug/l #	98
73) Isopropylbenzene	11.02	105	225063	53.404	ug/l	100
74) N-amyl acetate	10.90	43	115089	48.703	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	77830	50.314	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	92574	62.384	ug/l	85
77) Bromobenzene	11.26	156	59838	50.374	ug/l	99
78) n-propylbenzene	11.36	91	261332	52.616	ug/l	99
79) 2-Chlorotoluene	11.42	91	154752	51.548	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	193952	54.156	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20969	45.037	ug/l	96
82) 4-Chlorotoluene	11.51	91	185226	52.352	ug/l	100
83) tert-Butylbenzene	11.77	119	188126	51.923	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	201925	51.093	ug/l	99
85) sec-Butylbenzene	11.94	105	229442	51.786	ug/l	100
86) p-Isopropyltoluene	12.07	119	207930	52.982	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	110372	48.415	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	112691	48.288	ug/l	99
89) n-Butylbenzene	12.39	91	182688	50.227	ug/l	100
90) Hexachloroethane	12.60	117	33487	51.108	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	112614	49.311	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20448	54.170	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	83901	52.187	ug/l	100
94) Hexachlorobutadiene	13.78	225	41067	48.628	ug/l	99
95) Naphthalene	13.83	128	263329	50.219	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	86303	52.692	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. 0.01 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

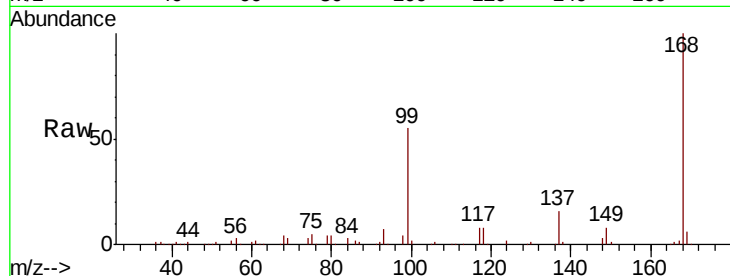
ClientSampleId :

Tot Ion:168 Resp: 101762

Ion Ratio Lower Upper

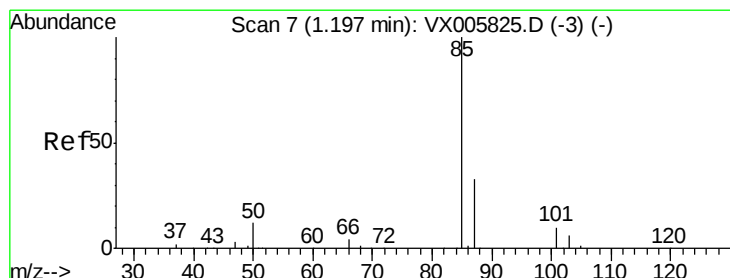
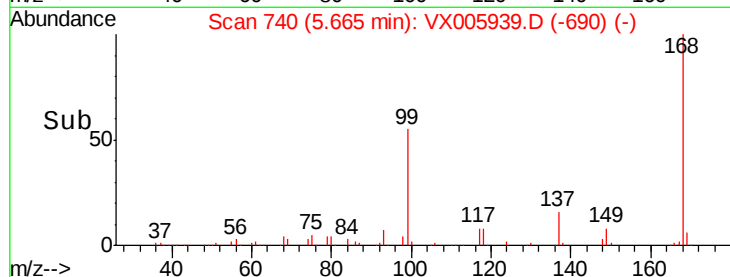
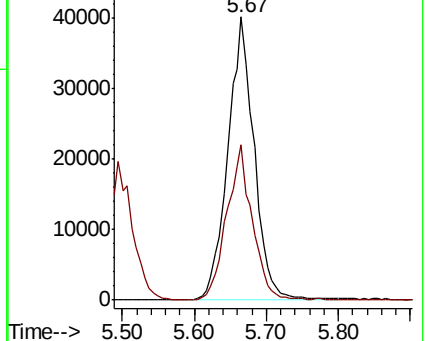
168 100

99 54.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.535 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005939.D

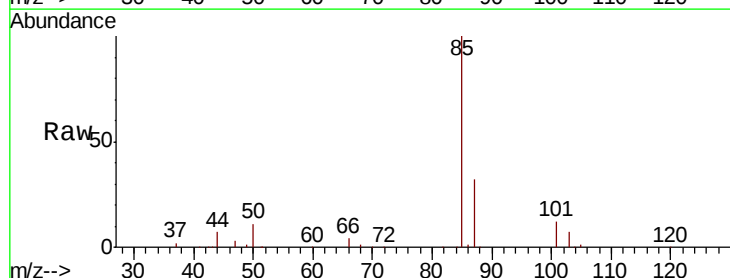
Acq: 13 Nov 2018 09:18

Tgt Ion: 85 Resp: 44531

Ion Ratio Lower Upper

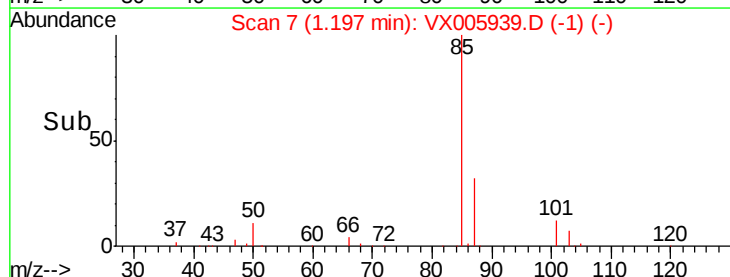
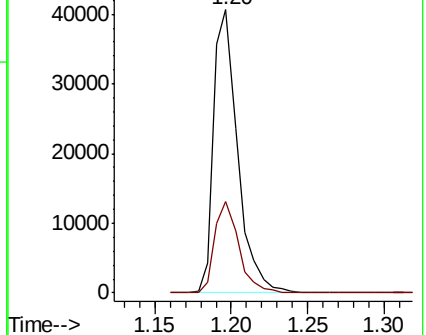
85 100

87 32.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.469 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

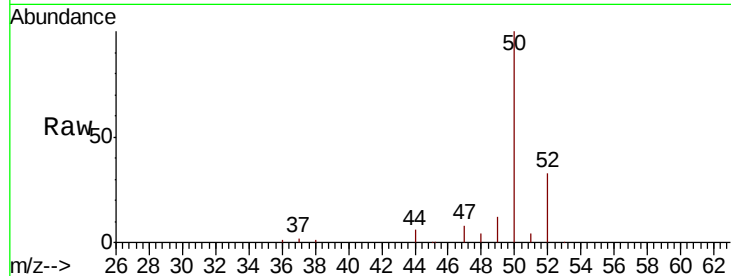
ClientSampleId :

Tot Ion: 50 Resp: 54749

Ion Ratio Lower Upper

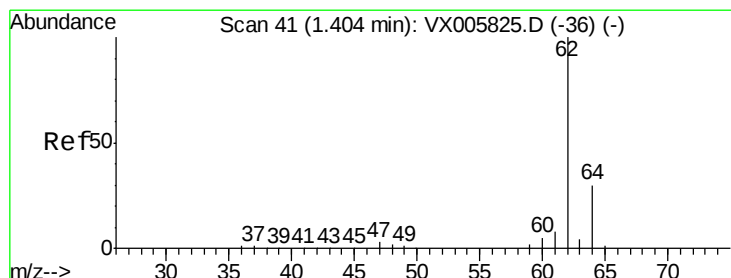
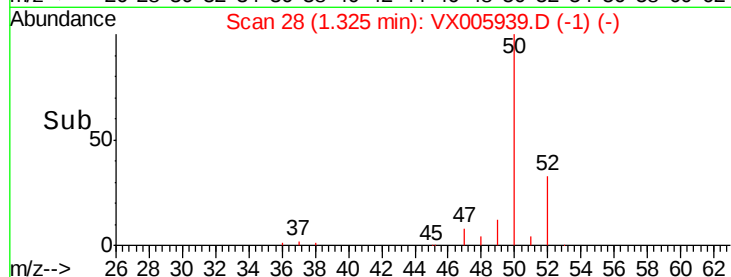
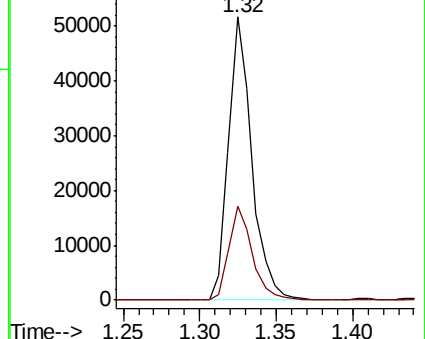
50 100

52 33.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.509 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005939.D

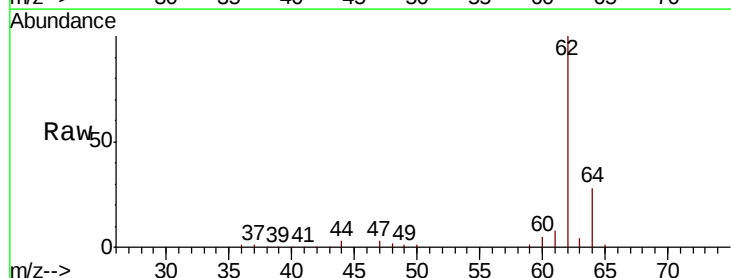
Acq: 13 Nov 2018 09:18

Tgt Ion: 62 Resp: 59846

Ion Ratio Lower Upper

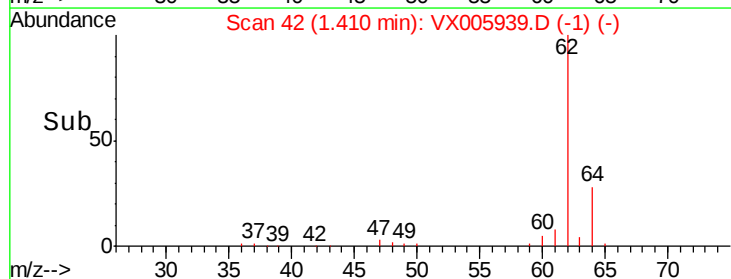
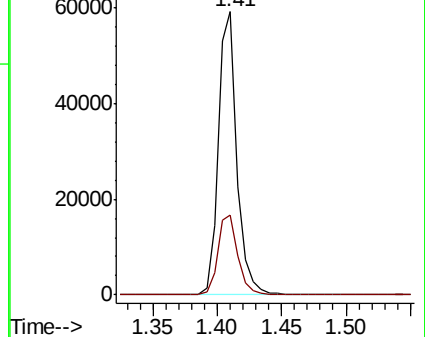
62 100

64 28.3 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.325 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

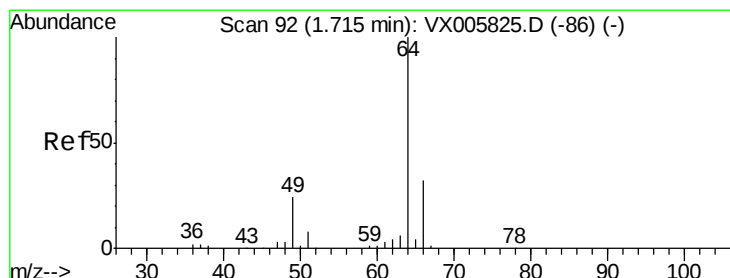
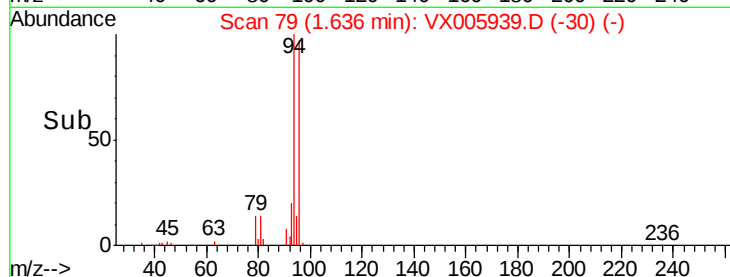
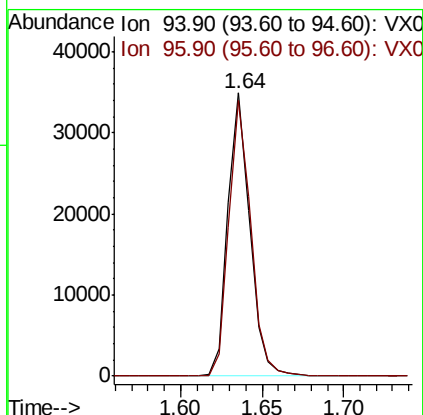
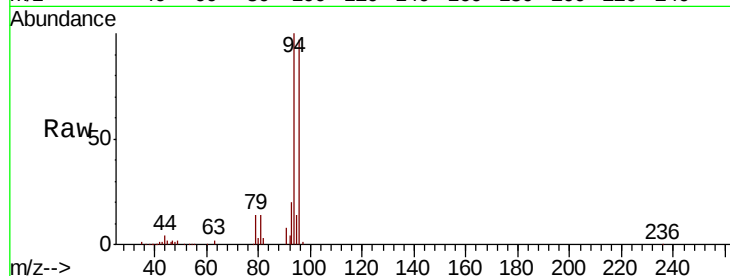
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 32789

Ion Ratio Lower Upper

94 100

96 97.2 75.2 112.8



#6

Chloroethane

Concen: 47.273 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005939.D

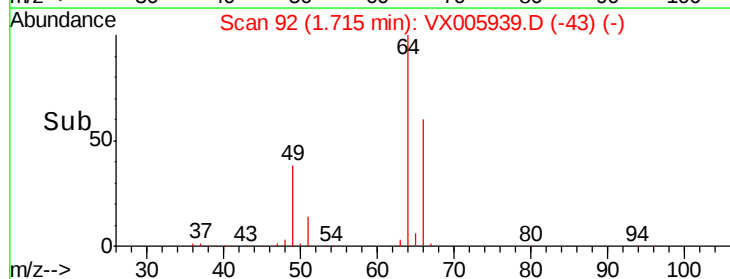
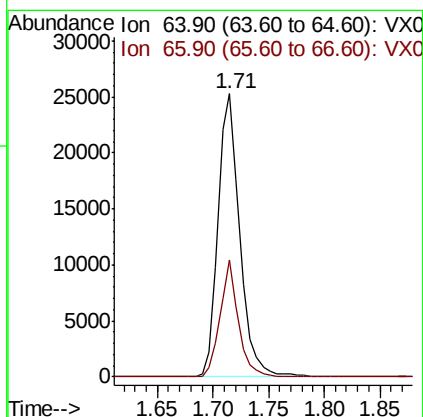
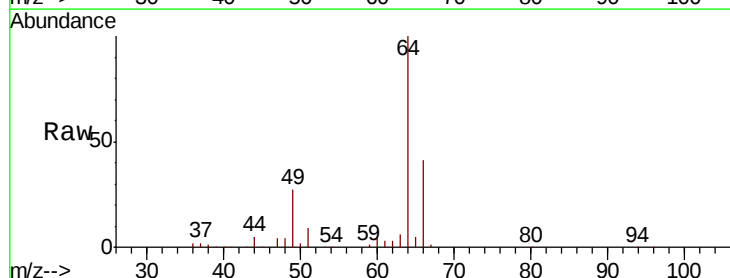
Acq: 13 Nov 2018 09:18

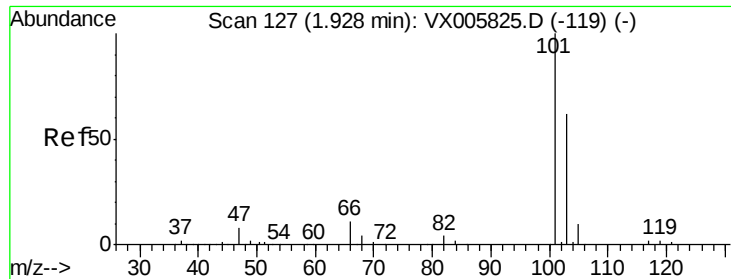
Tgt Ion: 64 Resp: 34096

Ion Ratio Lower Upper

64 100

66 41.2 25.8 38.6#



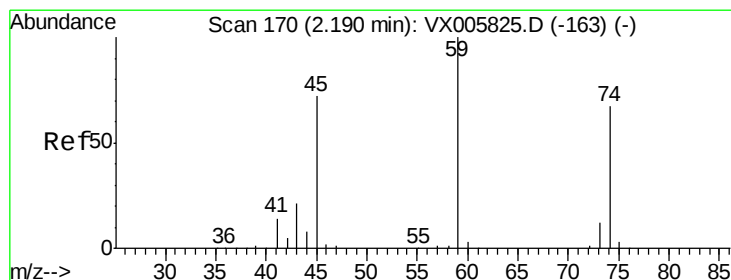
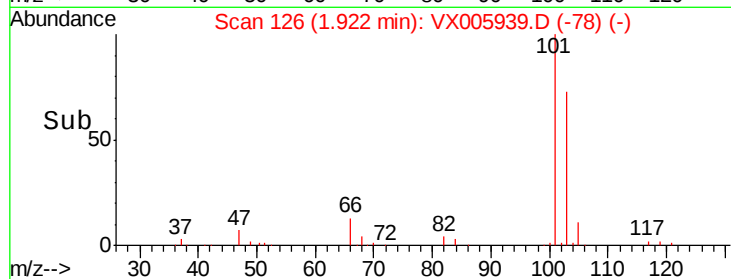
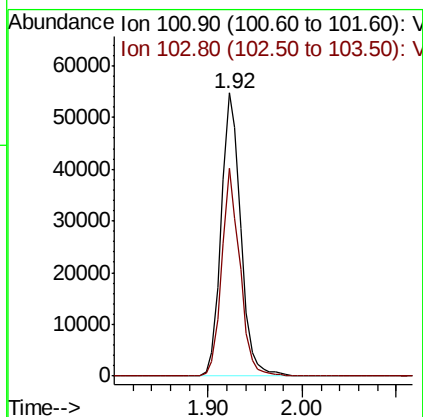
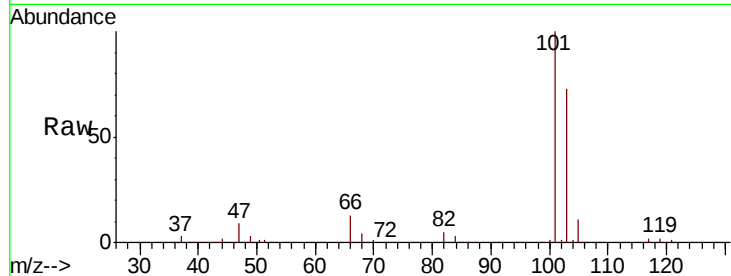


#7

Trichlorofluoromethane
 Concen: 49.147 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Instrument :
 MSVOA_X
 ClientSampleId :

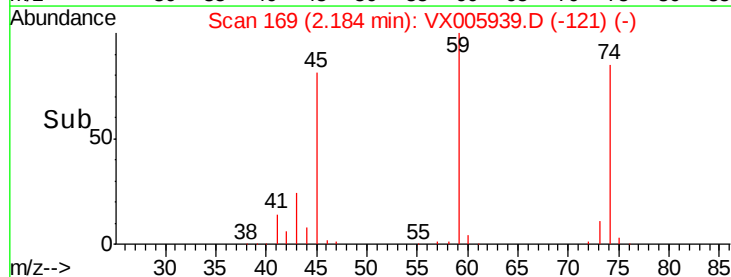
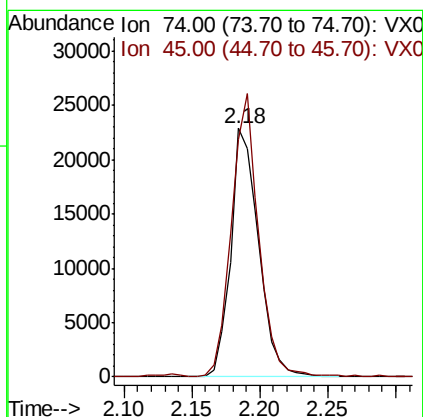
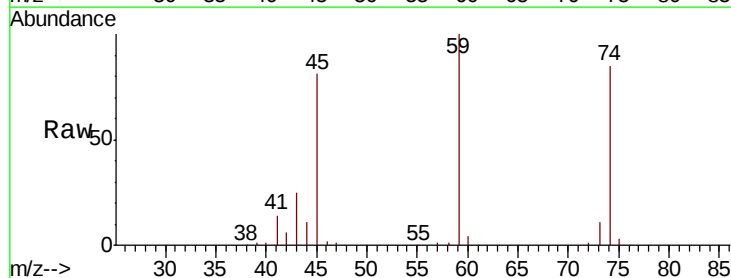
Tot Ion:101 Resp: 78858
 Ion Ratio Lower Upper
 101 100
 103 73.3 50.0 75.0



#8

Diethyl Ether
 Concen: 51.972 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Tgt Ion: 74 Resp: 32676
 Ion Ratio Lower Upper
 74 100
 45 110.0 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.166 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampleId :

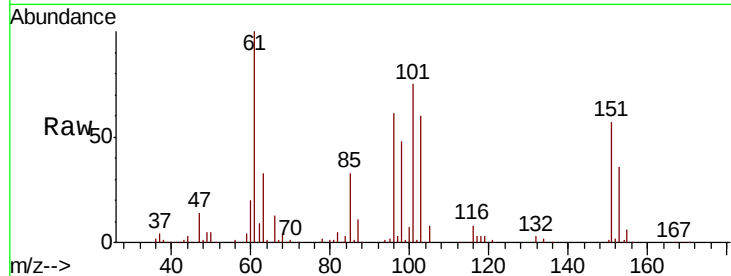
Tot Ion:101 Resp: 46294

Ion Ratio Lower Upper

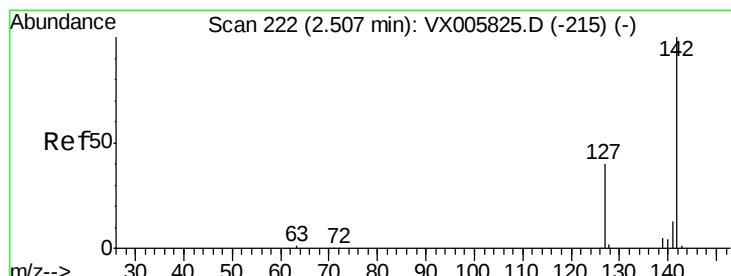
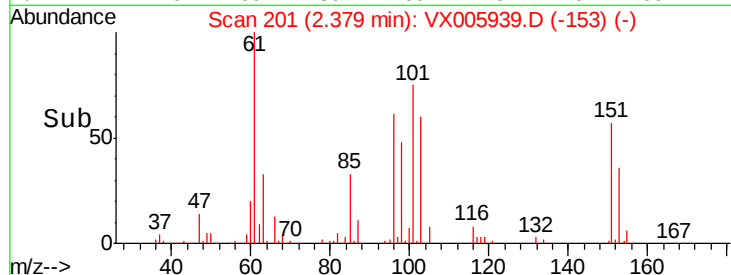
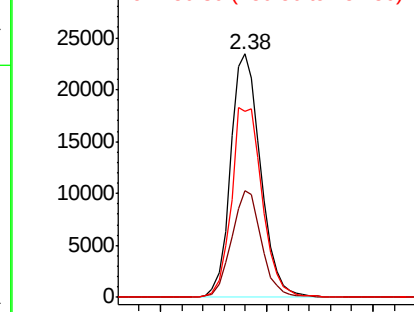
101 100

85 43.7 35.0 52.4

151 80.6 66.2 99.2



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: 50.987 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

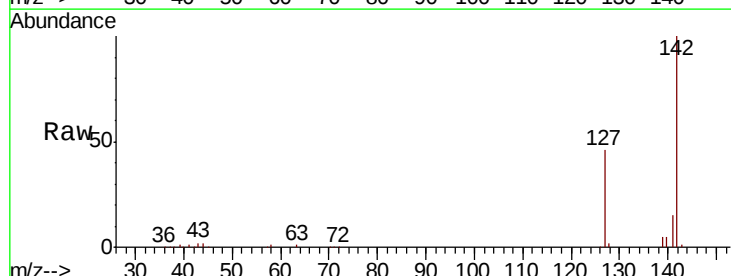
Tgt Ion:142 Resp: 57026

Ion Ratio Lower Upper

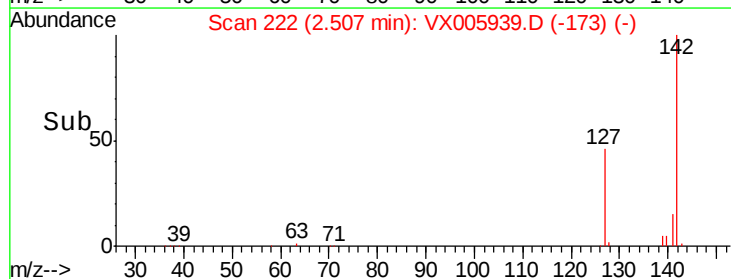
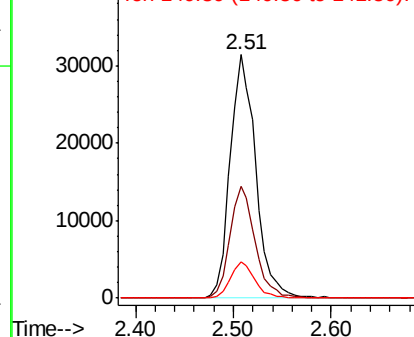
142 100

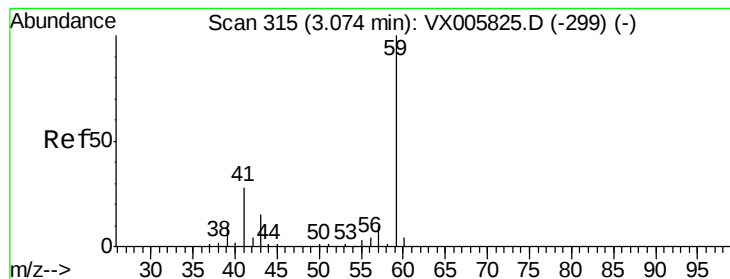
127 45.2 36.0 54.0

141 14.2 11.7 17.5



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



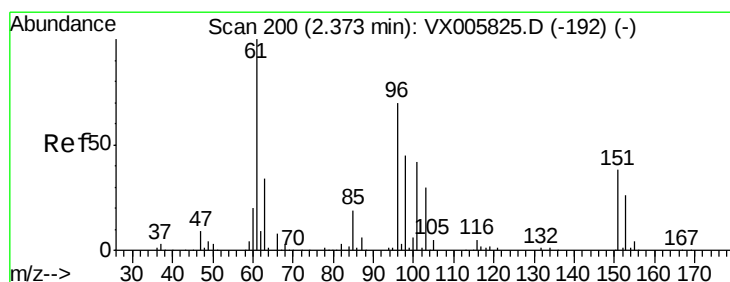
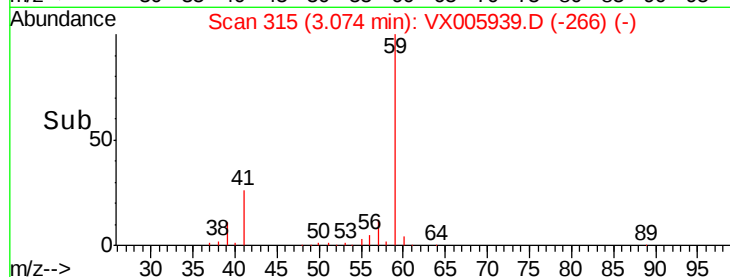
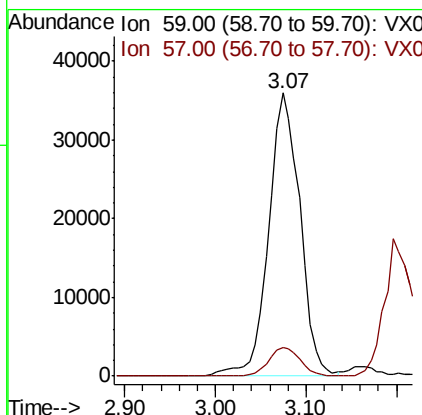
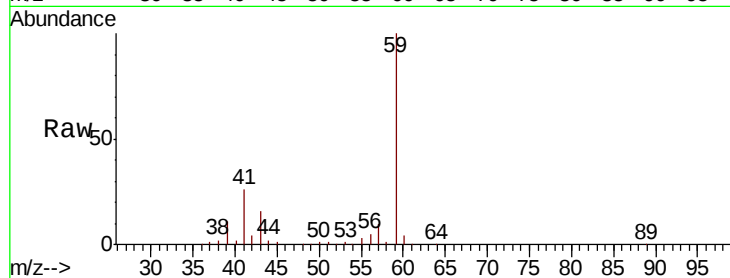


#11

Tert butyl alcohol
 Concen: 257.624 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Instrument :
 MSVOA_X
 ClientSampled :

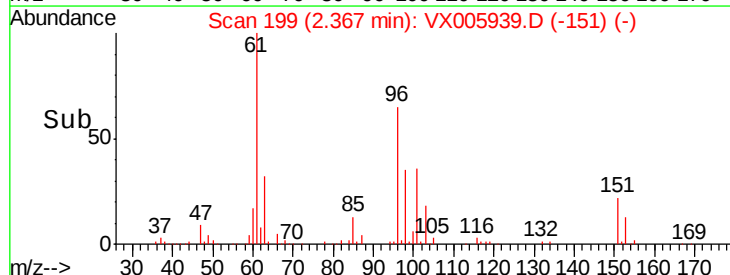
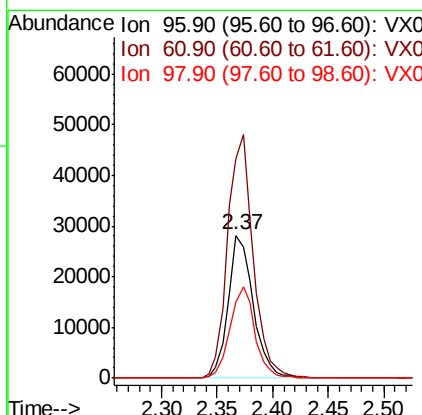
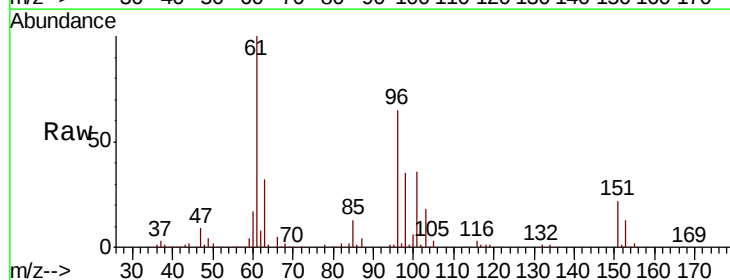
Tot Ion: 59 Resp: 86338
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

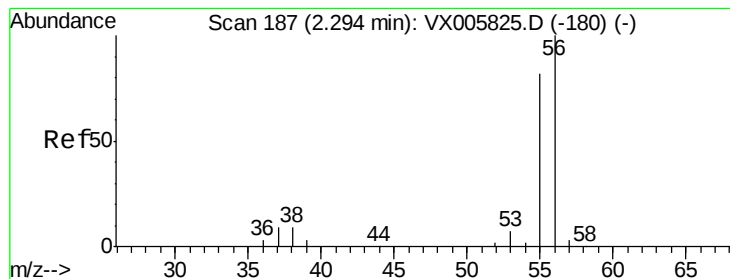


#12

1,1-Dichloroethene
 Concen: 48.766 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Tgt Ion: 96 Resp: 43863
 Ion Ratio Lower Upper
 96 100
 61 154.2 131.8 197.8
 98 53.6 53.4 80.2





#13

Acrolein

Concen: 351.556 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

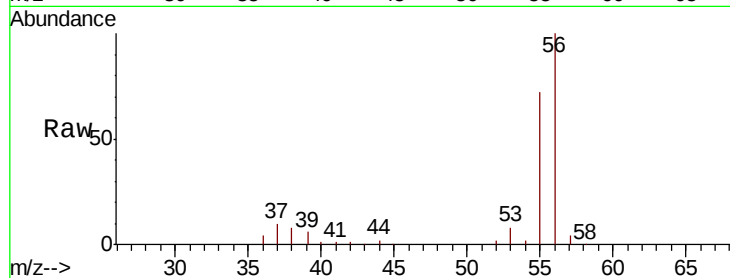
ClientSampled :

Tot Ion: 56 Resp: 57524

Ion Ratio Lower Upper

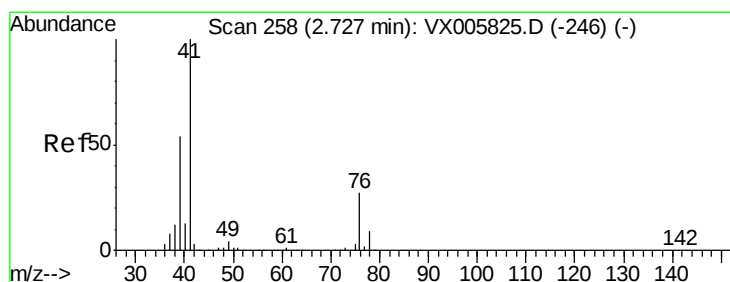
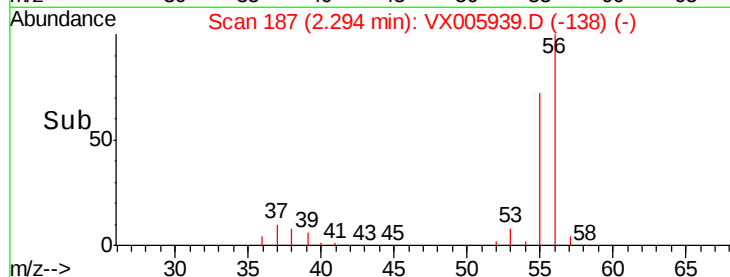
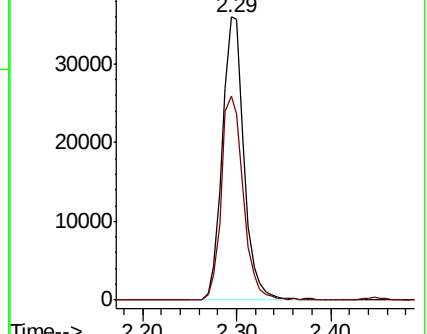
56 100

55 73.0 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.324 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

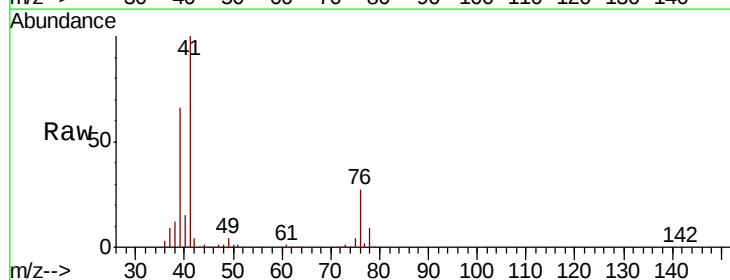
Tgt Ion: 41 Resp: 97076

Ion Ratio Lower Upper

41 100

39 61.9 48.2 72.4

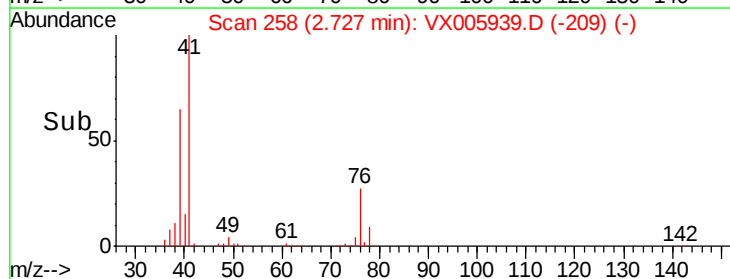
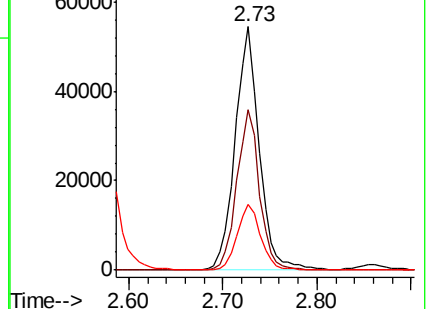
76 26.6 21.9 32.9

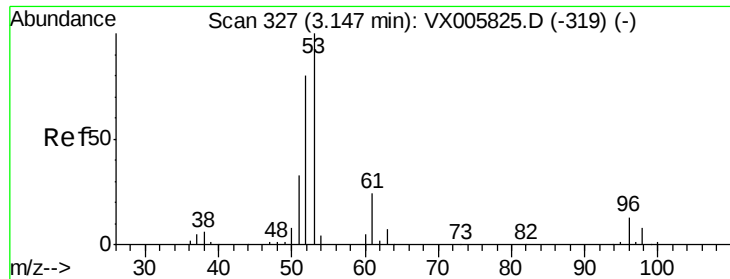


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 272.173 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampled :

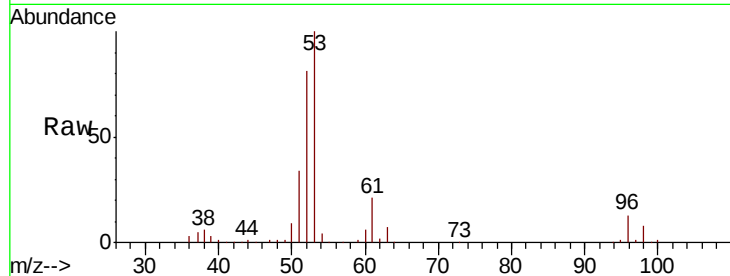
Tot Ion: 53 Resp: 189030

Ion Ratio Lower Upper

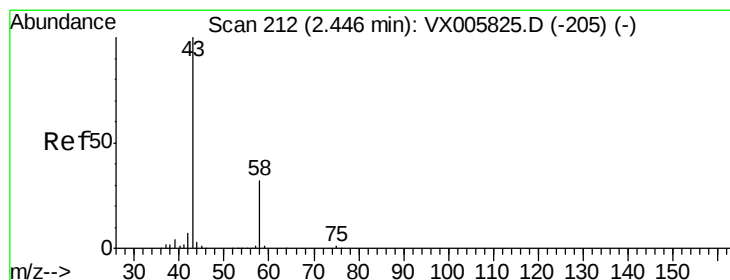
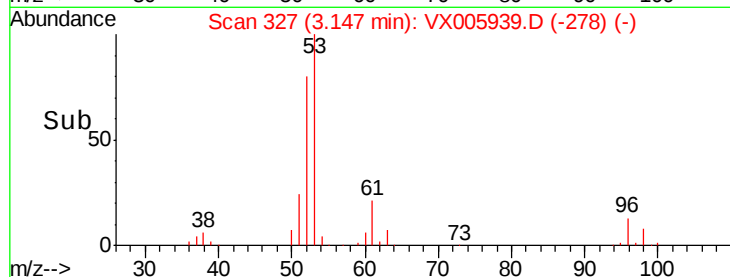
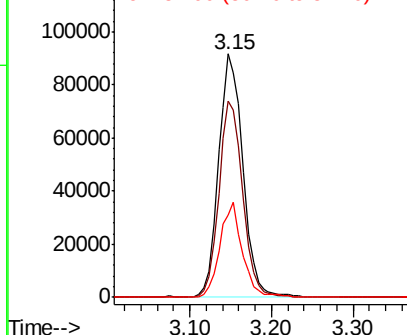
53 100

52 79.0 66.6 99.8

51 36.4 28.4 42.6



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: 272.750 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005939.D

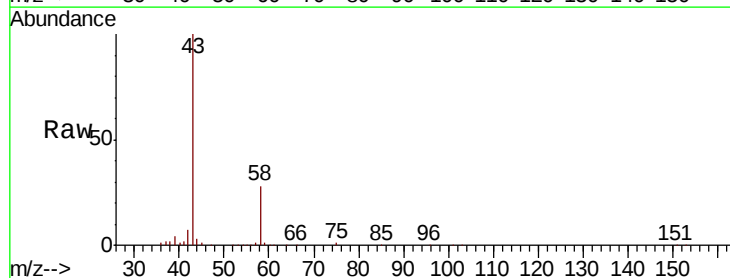
Acq: 13 Nov 2018 09:18

Tgt Ion: 43 Resp: 171804

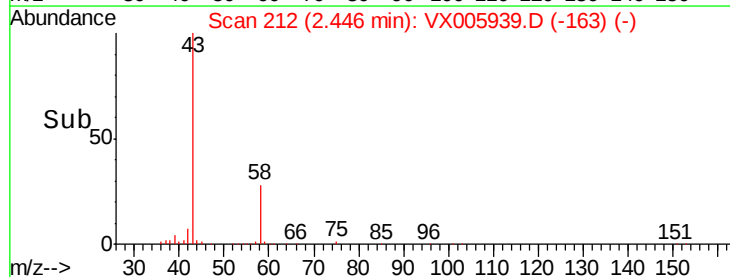
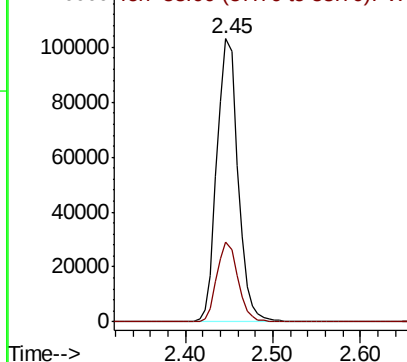
Ion Ratio Lower Upper

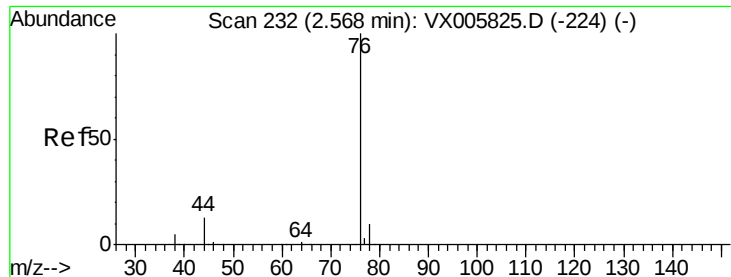
43 100

58 28.1 23.8 35.6



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

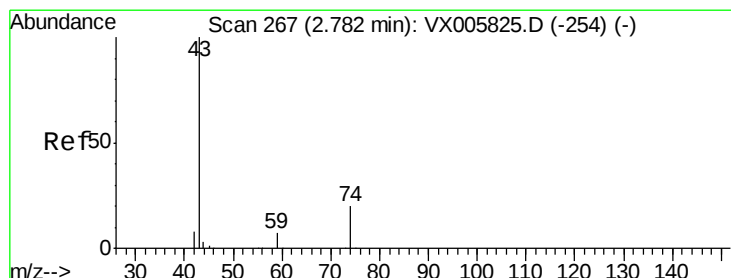
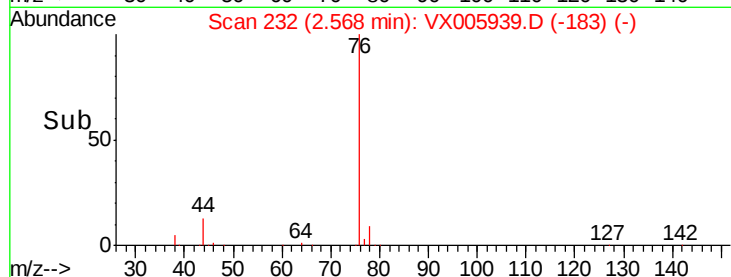
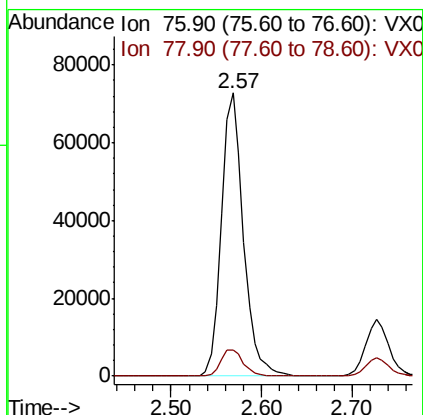
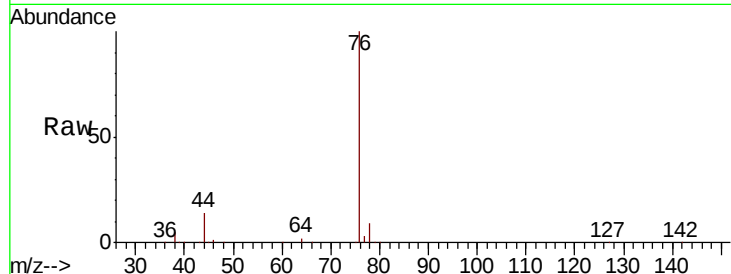




#17
Carbon Disulfide
Concen: 45.928 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

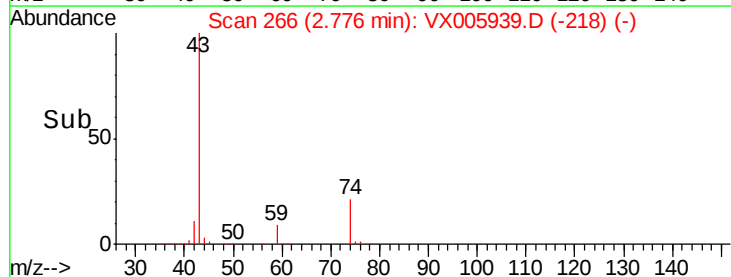
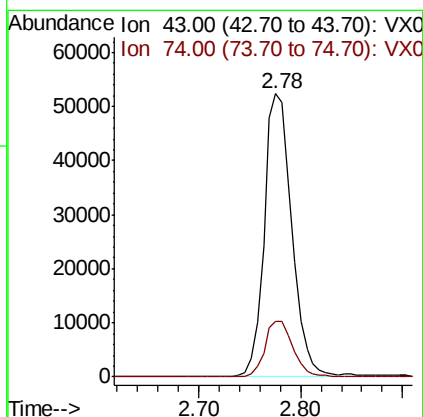
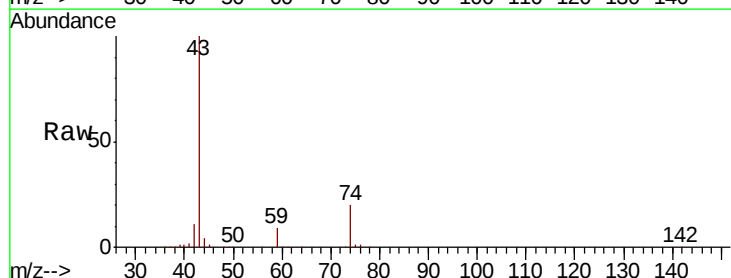
Instrument :
MSVOA_X
ClientSampleId :

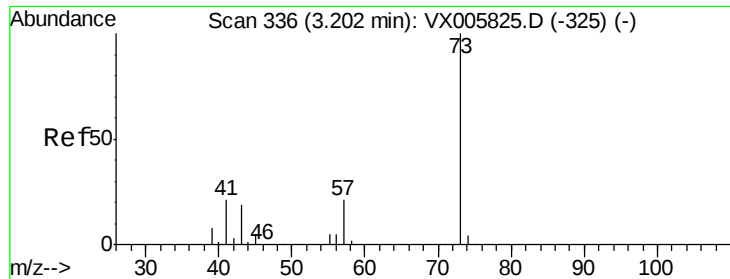
Tot Ion: 76 Resp: 123222
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 58.073 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion: 43 Resp: 97625
Ion Ratio Lower Upper
43 100
74 19.8 16.8 25.2



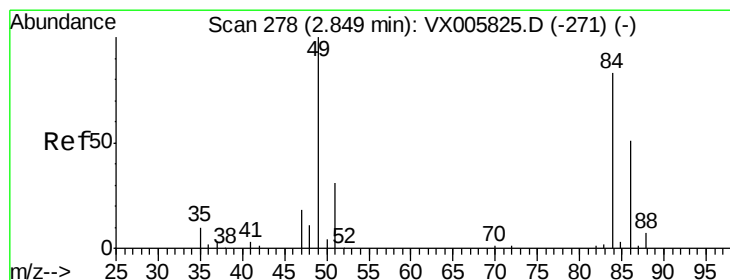
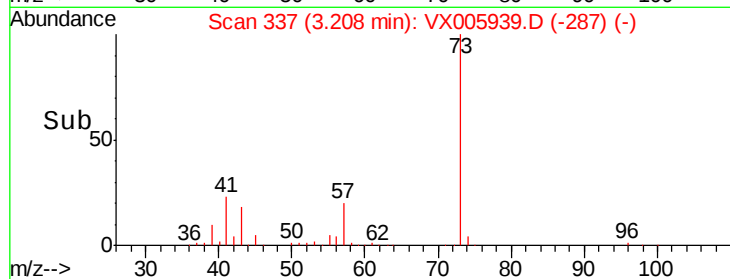
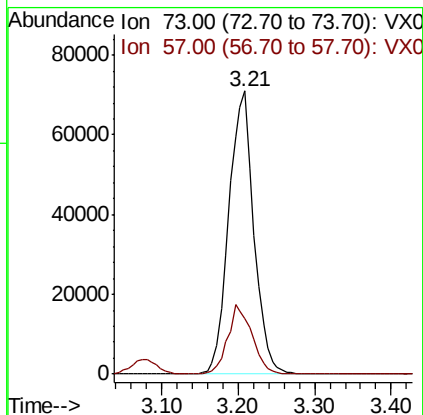
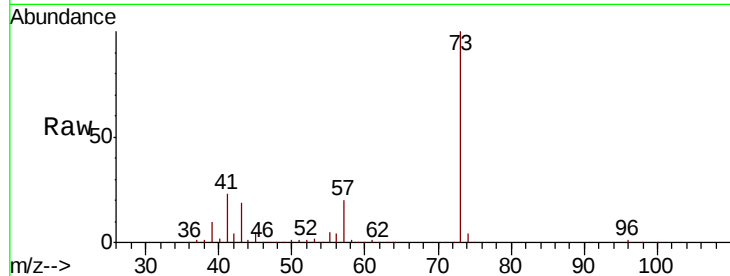


#19

Methyl tert-butyl Ether
 Concen: 52.175 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Instrument :
 MSVOA_X
 ClientSampleId :

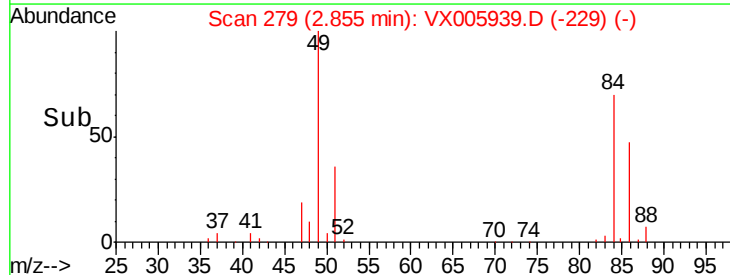
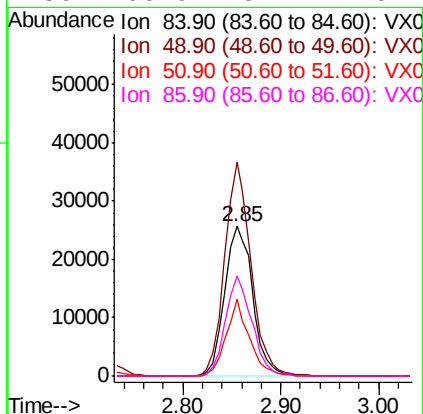
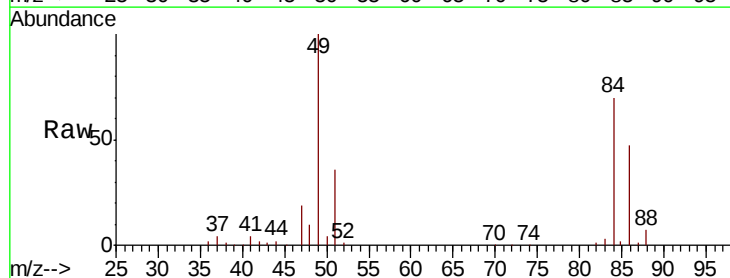
Tot Ion: 73 Resp: 160172
 Ion Ratio Lower Upper
 73 100
 57 19.9 18.8 28.2



#20

Methylene Chloride
 Concen: 49.236 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.01 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Tgt Ion: 84 Resp: 50945
 Ion Ratio Lower Upper
 84 100
 49 142.8 109.5 164.3
 51 51.4 33.3 49.9#
 86 66.9 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 50.386 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampleId :

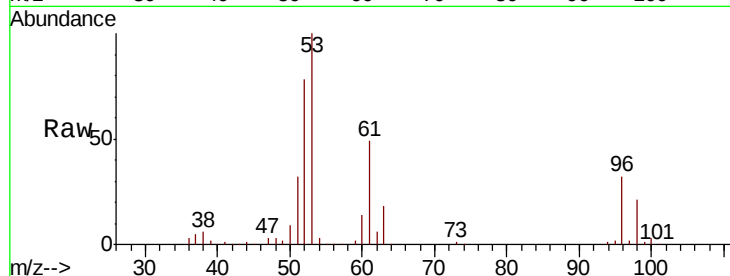
Tot Ion: 96 Resp: 47802

Ion Ratio Lower Upper

96 100

61 155.4 115.6 173.4

98 66.5 50.2 75.2

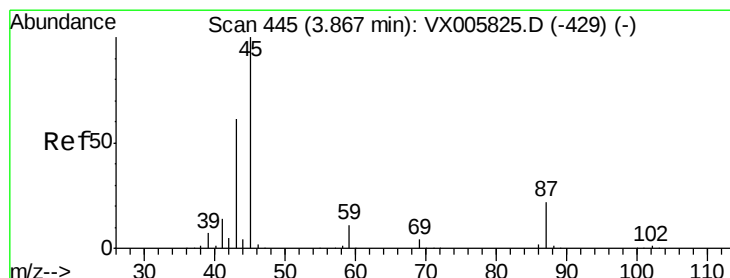
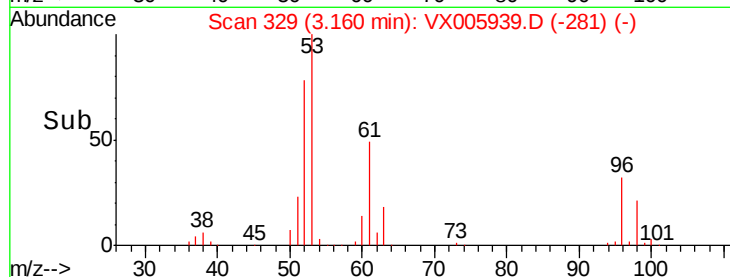
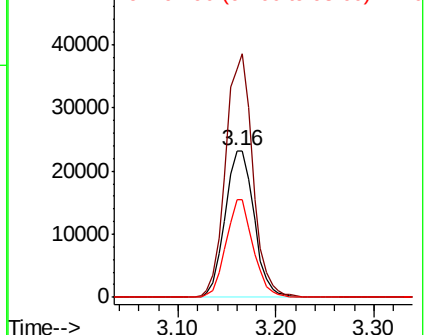


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.935 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Tgt Ion: 45 Resp: 172207

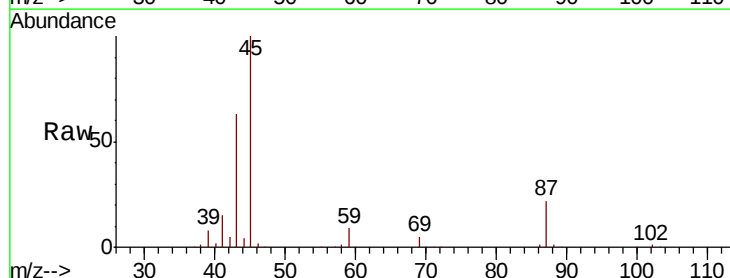
Ion Ratio Lower Upper

45 100

43 62.1 47.4 71.2

87 21.6 15.9 23.9

59 8.9 7.7 11.5



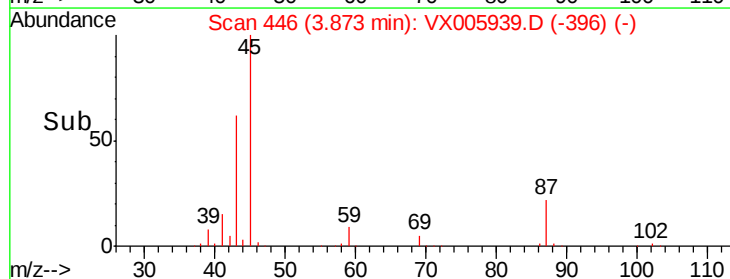
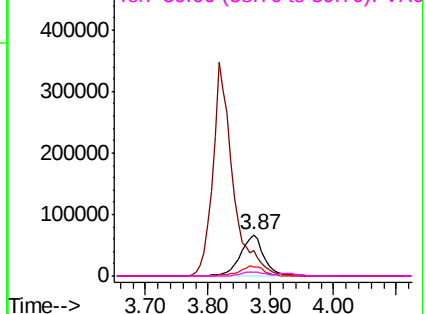
Abundance

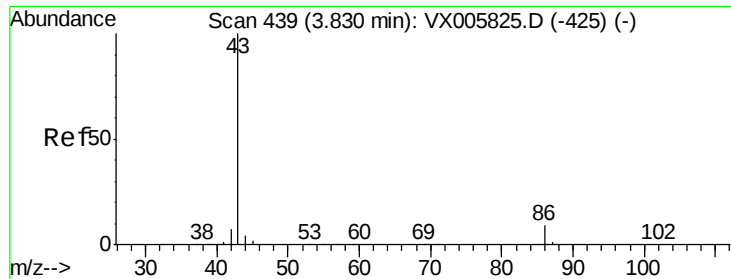
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 255.963 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

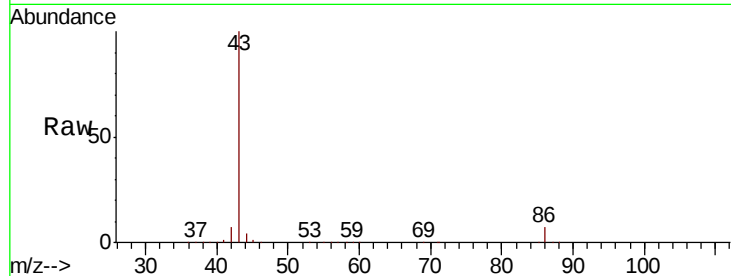
ClientSampleId :

Tot Ion: 43 Resp: 772321

Ion Ratio Lower Upper

43 100

86 7.3 7.4 11.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

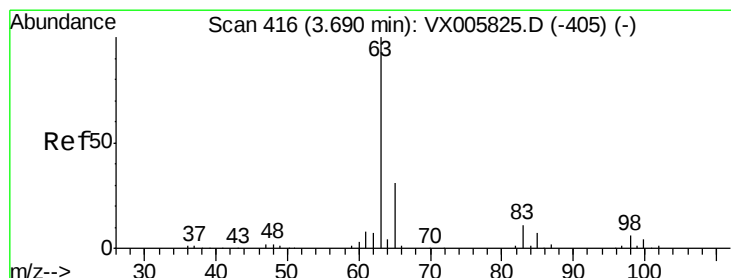
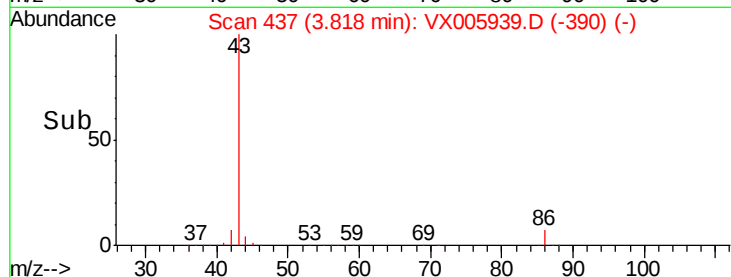
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.751 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

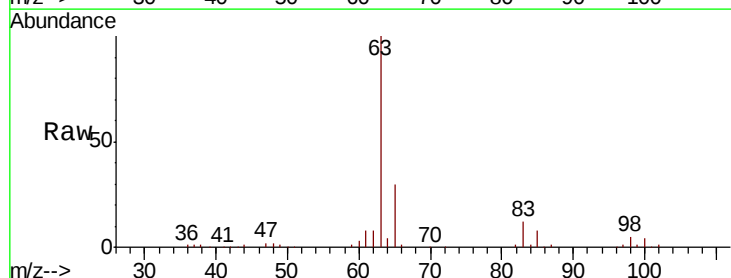
Tgt Ion: 63 Resp: 95285

Ion Ratio Lower Upper

63 100

98 5.1 3.2 9.6

100 3.8 2.1 6.2



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

3.70

50000

40000

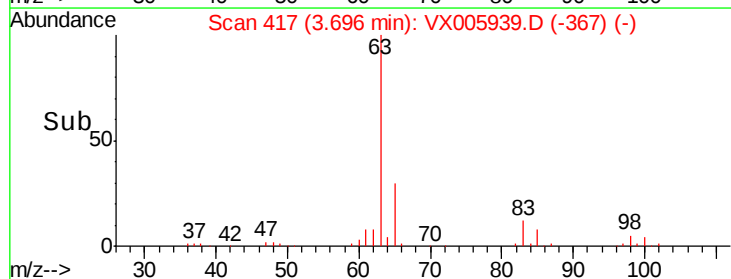
30000

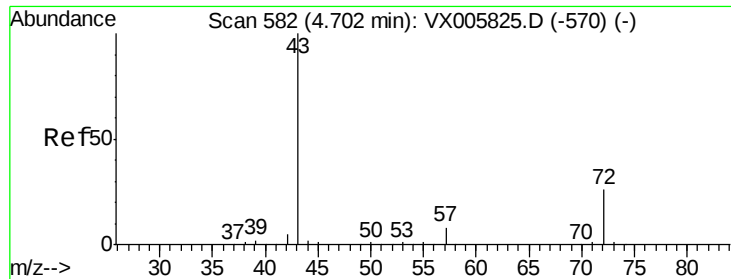
20000

10000

0

Time-->





#25

2-Butanone

Concen: 257.488 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

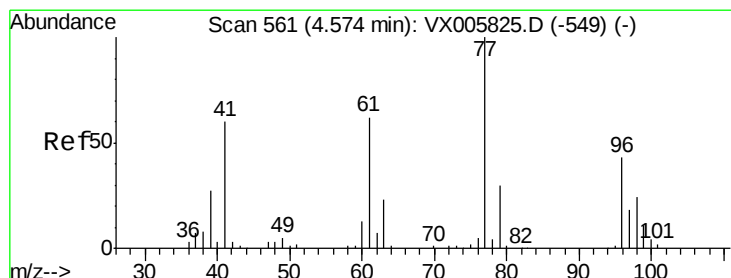
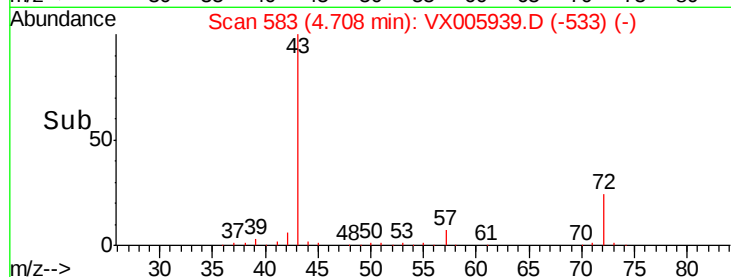
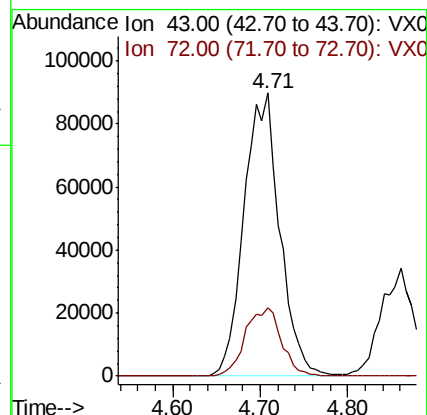
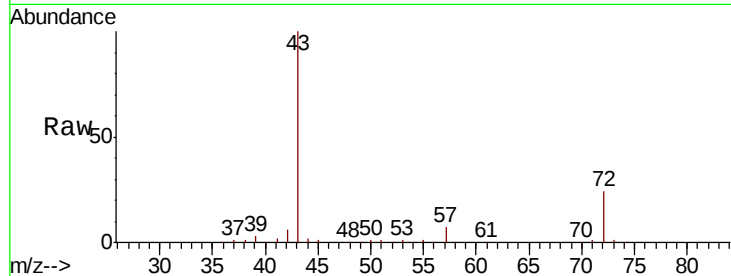
ClientSampled :

Tot Ion: 43 Resp: 254990

Ion Ratio Lower Upper

43 100

72 24.3 19.2 28.8



#26

2,2-Dichloropropane

Concen: 34.701 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005939.D

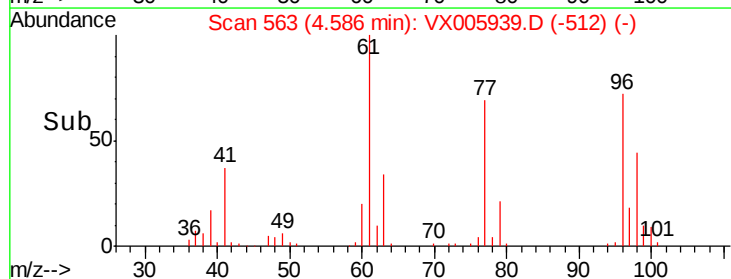
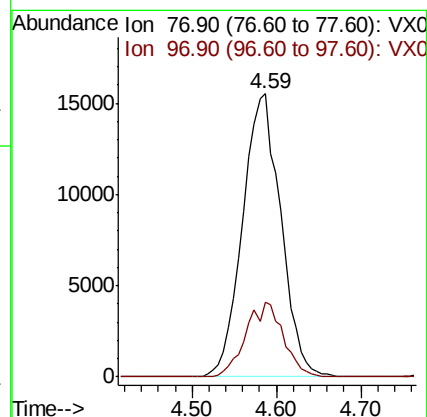
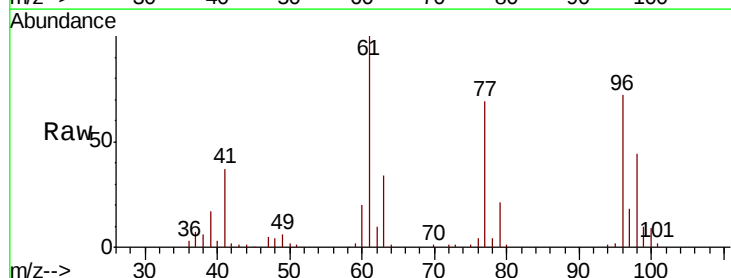
Acq: 13 Nov 2018 09:18

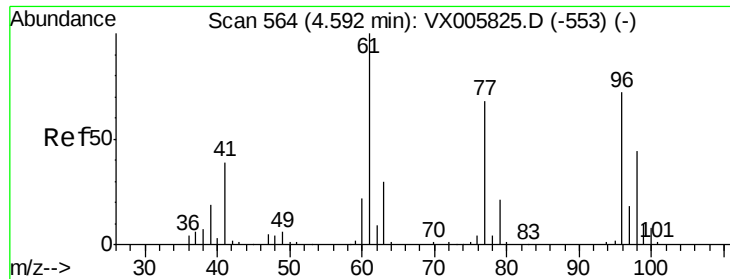
Tgt Ion: 77 Resp: 47792

Ion Ratio Lower Upper

77 100

97 25.7 11.5 34.5



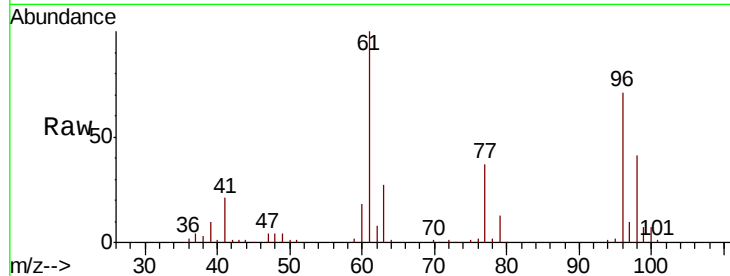


#27

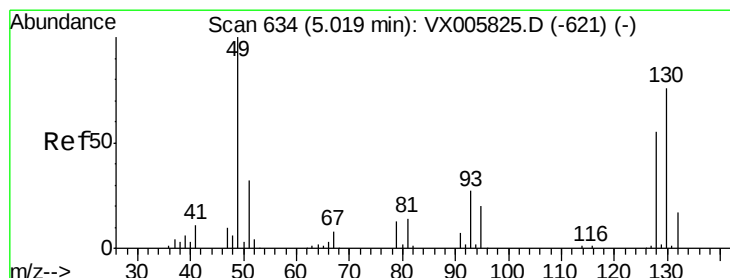
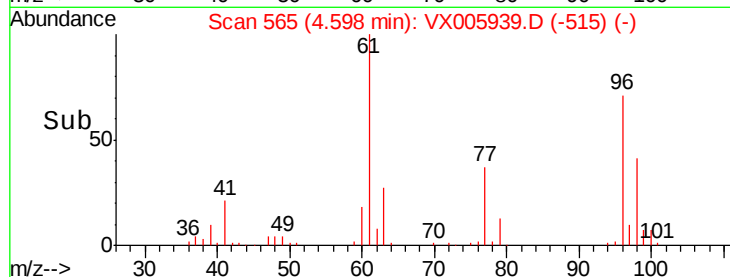
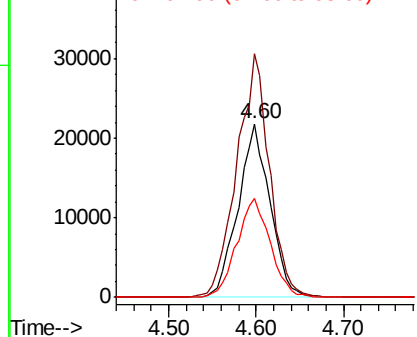
cis-1,2-Dichloroethene
Concen: 52.802 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 55313
Ion Ratio Lower Upper
96 100
61 143.0 0.0 304.6
98 59.5 0.0 127.4



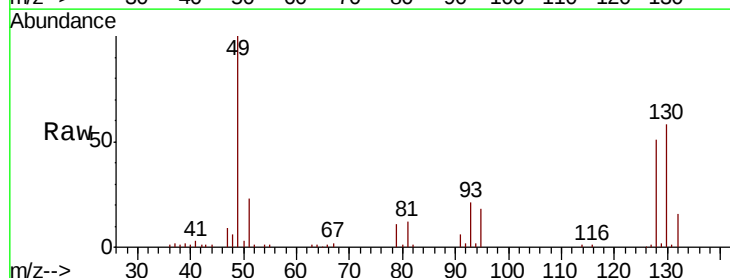
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



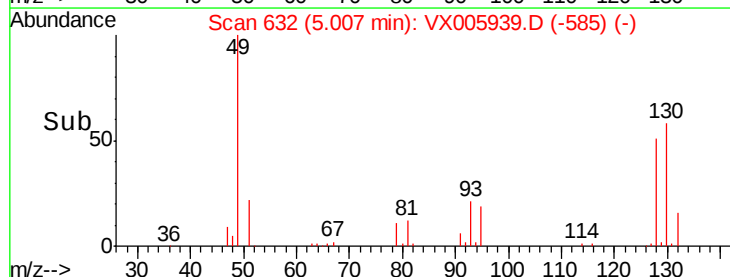
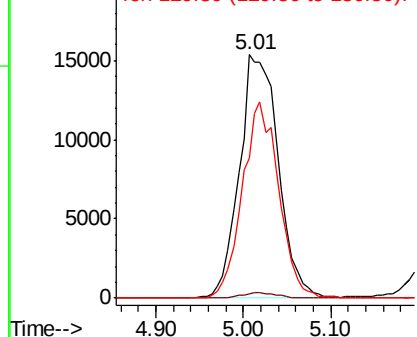
#28

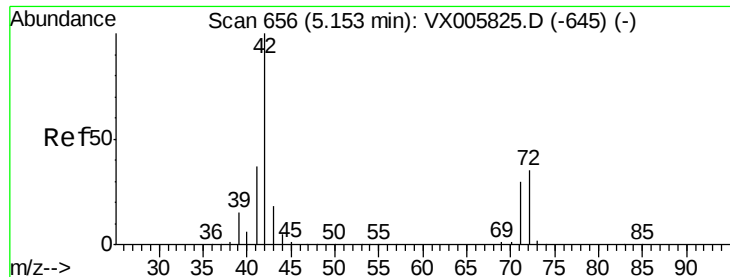
Bromochloromethane
Concen: 56.750 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion: 49 Resp: 47618
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 74.9 58.9 88.3



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

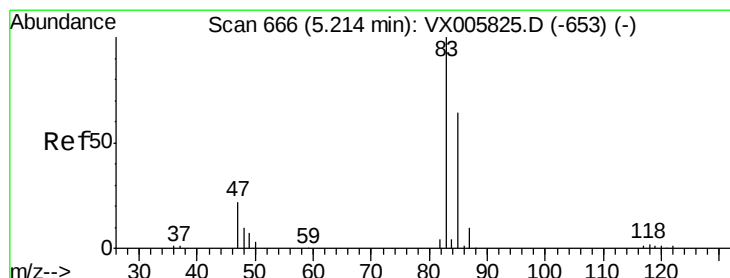
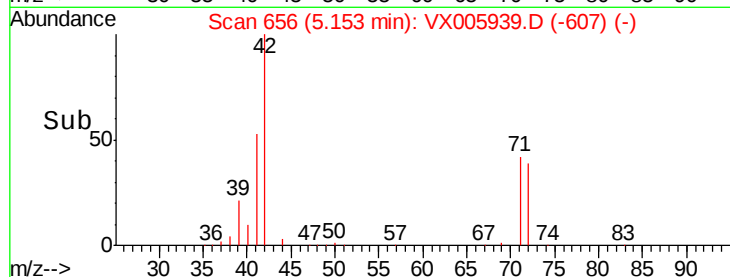
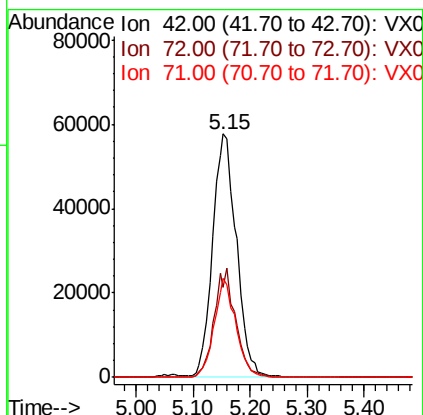
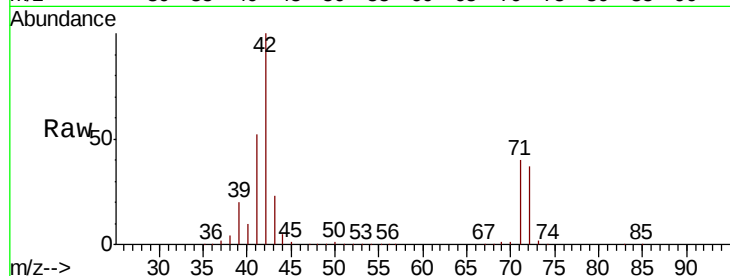




#29
Tetrahydrofuran
Concen: 262.543 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

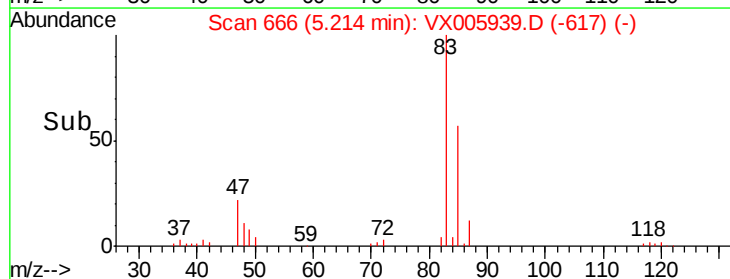
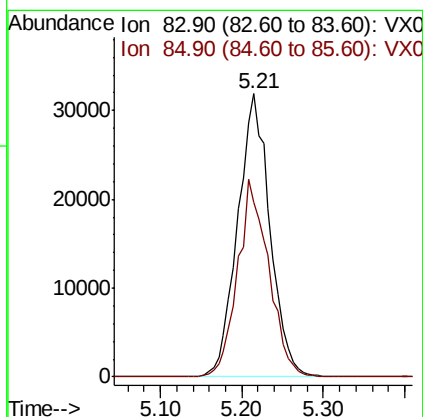
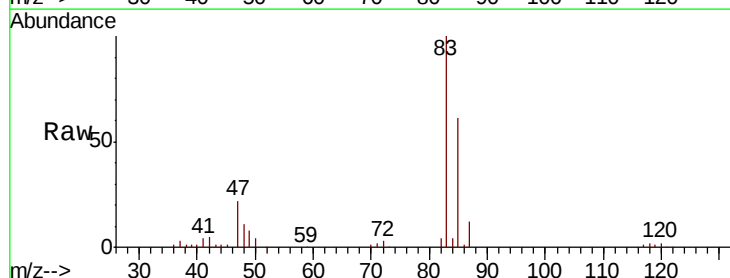
Instrument :
MSVOA_X
ClientSampleId :

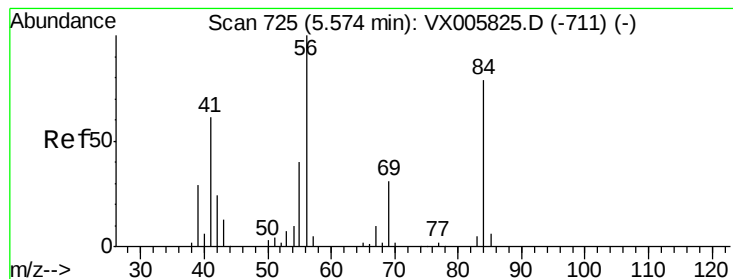
Tot Ion: 42 Resp: 166937
Ion Ratio Lower Upper
42 100
72 40.5 32.0 48.0
71 37.1 29.8 44.8



#30
Chloroform
Concen: 48.321 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion: 83 Resp: 87527
Ion Ratio Lower Upper
83 100
85 61.5 50.6 76.0





#31

Cyclohexane

Concen: 48.873 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :
MSVOA_X
ClientSampleId :

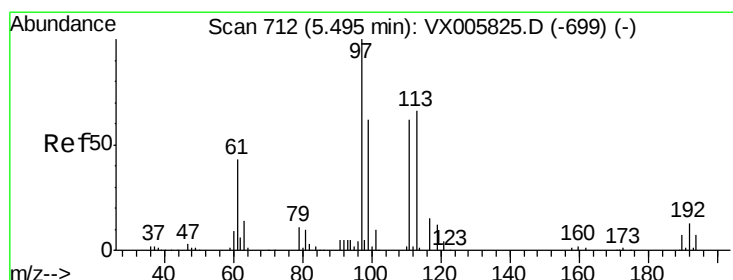
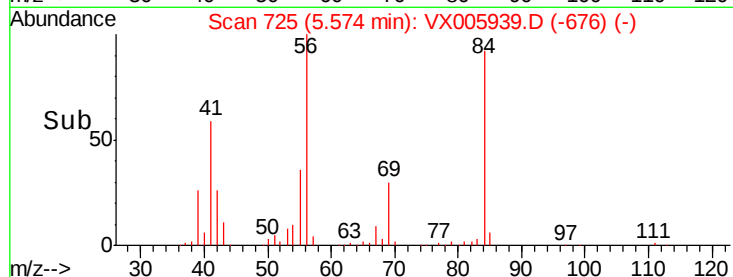
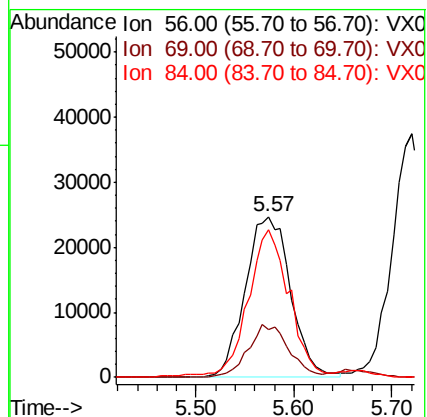
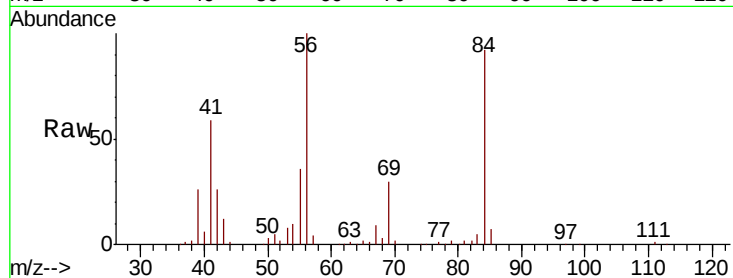
Tot Ion: 56 Resp: 79651

Ion Ratio Lower Upper

56 100

69 30.0 22.6 34.0

84 90.6 62.7 94.1



#32

1,1,1-Trichloroethane

Concen: 51.717 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

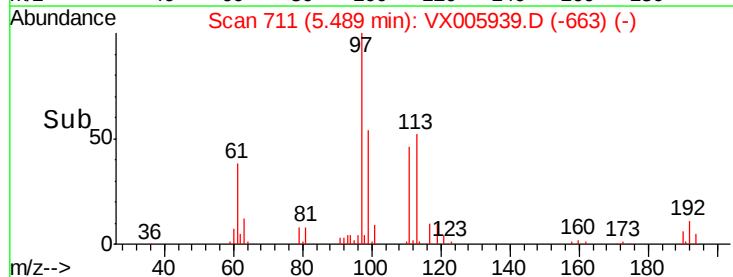
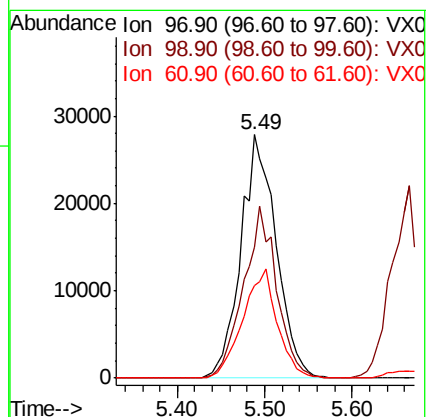
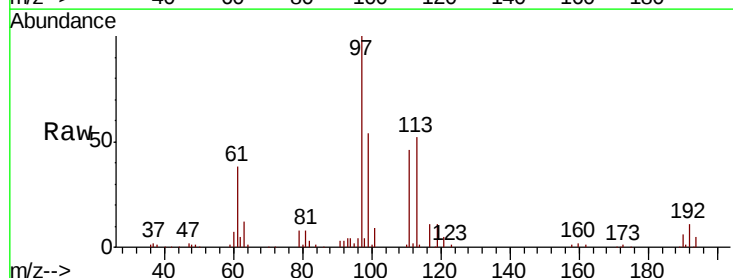
Tgt Ion: 97 Resp: 78137

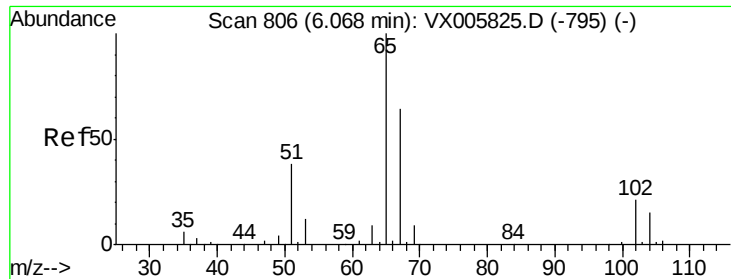
Ion Ratio Lower Upper

97 100

99 66.3 52.3 78.5

61 44.1 35.2 52.8

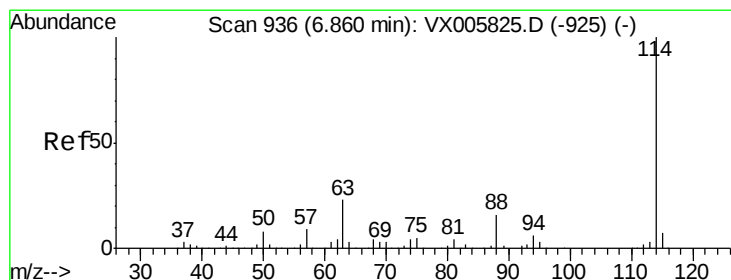
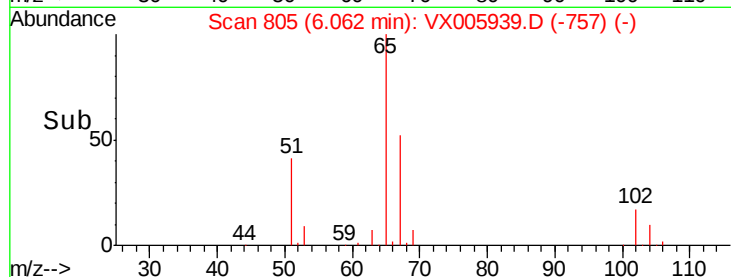
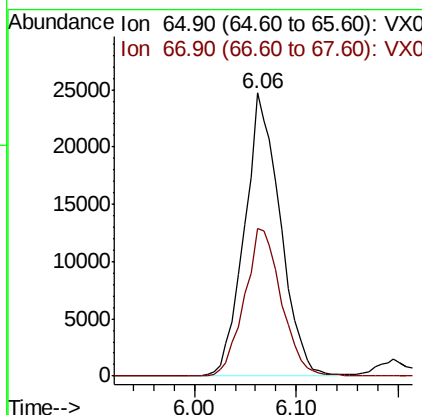
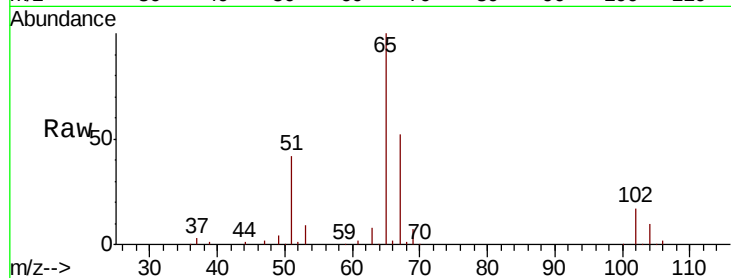




#33
 1,2-Dichloroethane-d4
 Concen: 51.555 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

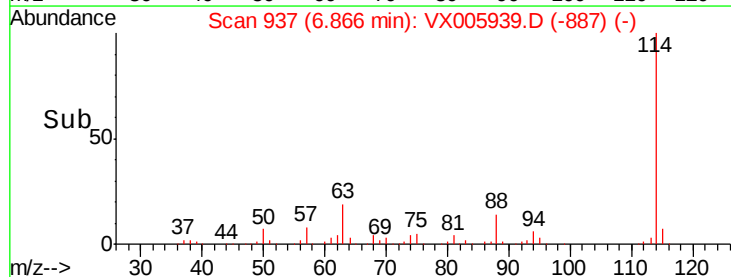
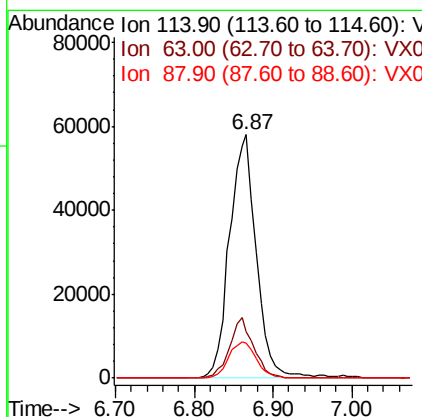
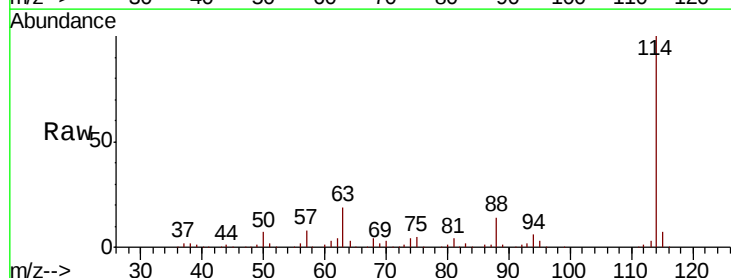
Instrument :
 MSVOA_X
 ClientSampleId :

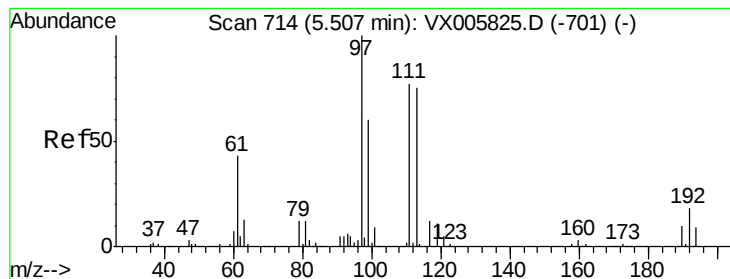
Tot Ion: 65 Resp: 60313
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Tgt Ion: 114 Resp: 137195
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 42.8
 88 14.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 52.107 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampleId :

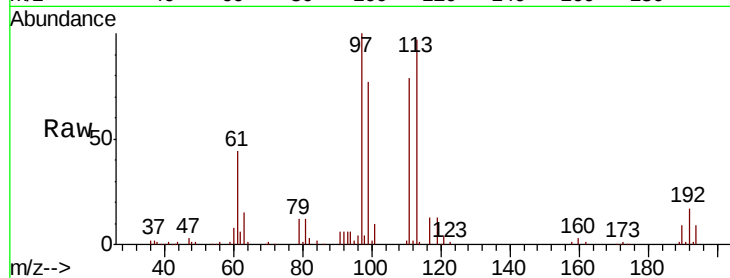
Tot Ion:113 Resp: 48623

Ion Ratio Lower Upper

113 100

111 99.1 82.3 123.5

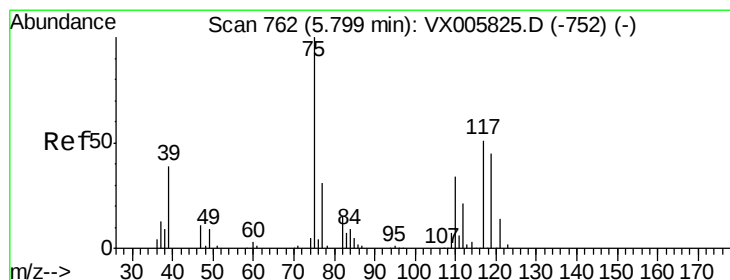
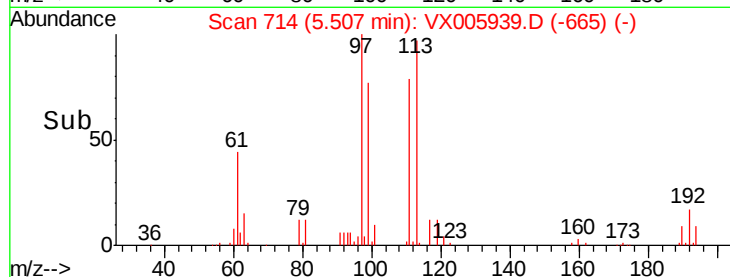
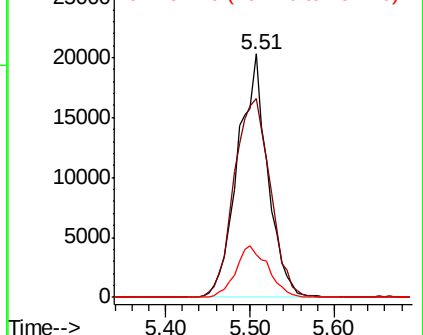
192 23.0 17.9 26.9



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: 52.036 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

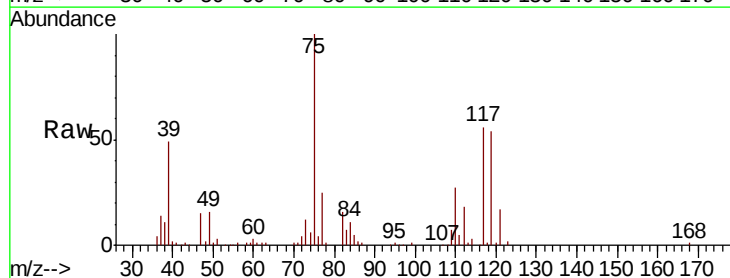
Tgt Ion: 75 Resp: 68823

Ion Ratio Lower Upper

75 100

110 33.5 17.4 52.2

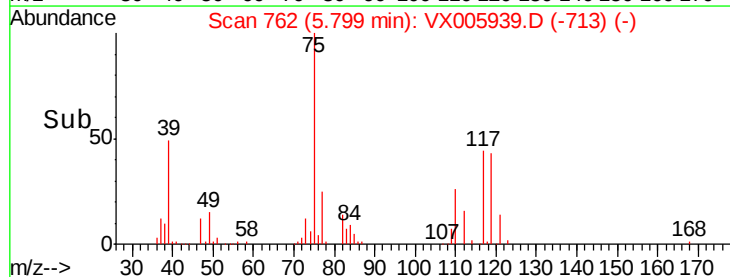
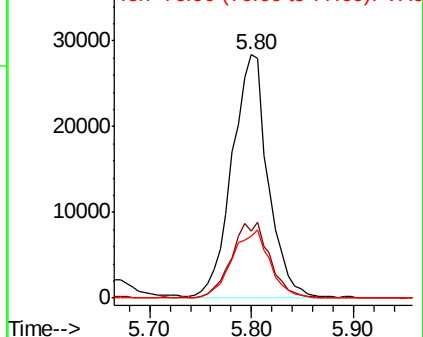
77 30.0 25.8 38.6

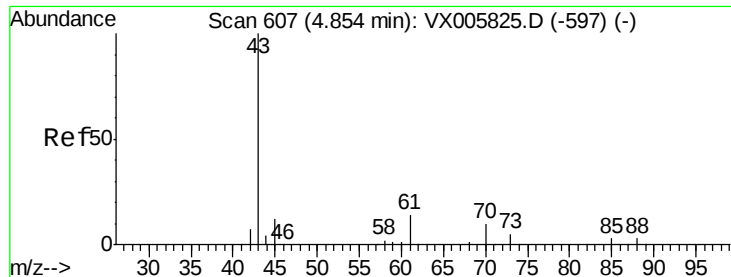


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

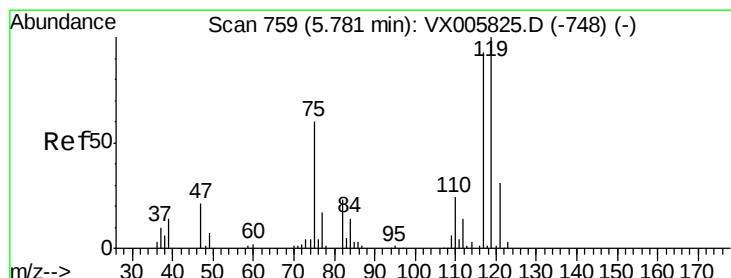
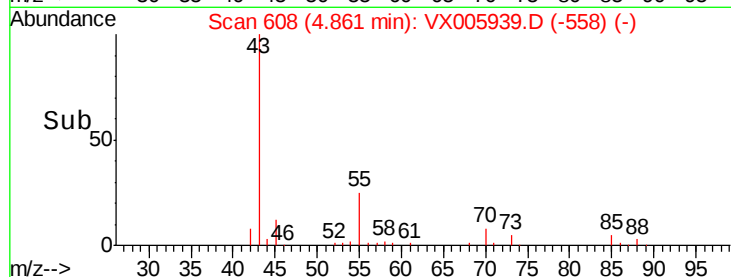
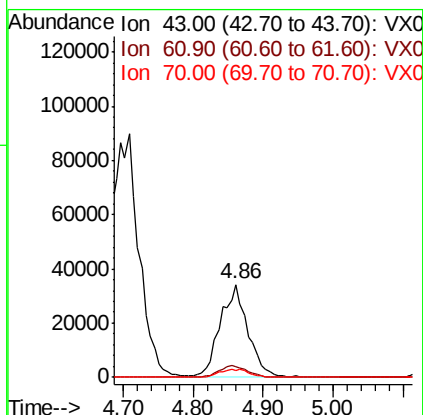
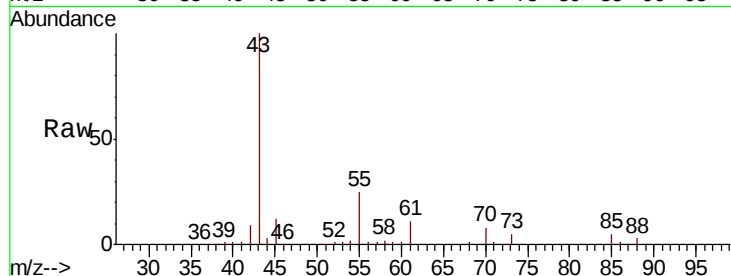




#37
Ethyl Acetate
Concen: 53.760 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

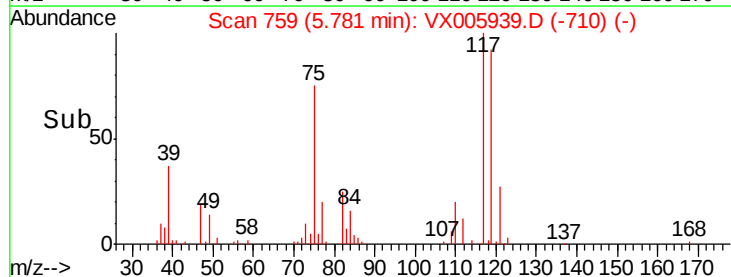
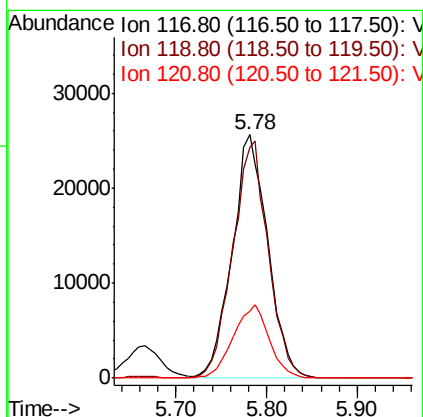
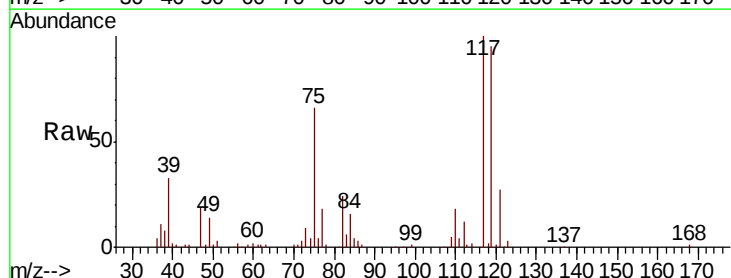
Instrument :
MSVOA_X
ClientSampleId :

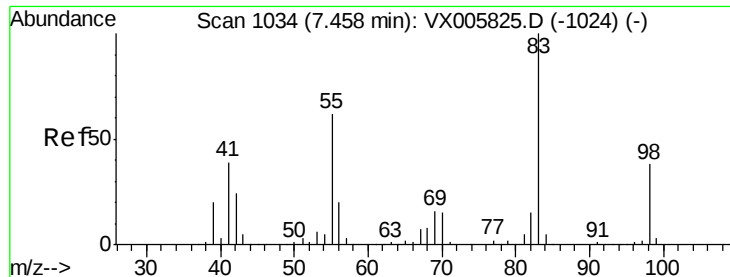
Tot Ion: 43 Resp: 93501
Ion Ratio Lower Upper
43 100
61 12.8 10.8 16.2
70 9.5 7.8 11.8



#38
Carbon Tetrachloride
Concen: 52.843 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion: 117 Resp: 69968
Ion Ratio Lower Upper
117 100
119 94.8 78.1 117.1
121 27.3 24.6 36.8

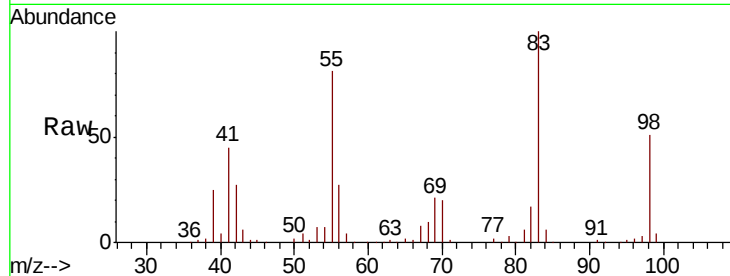




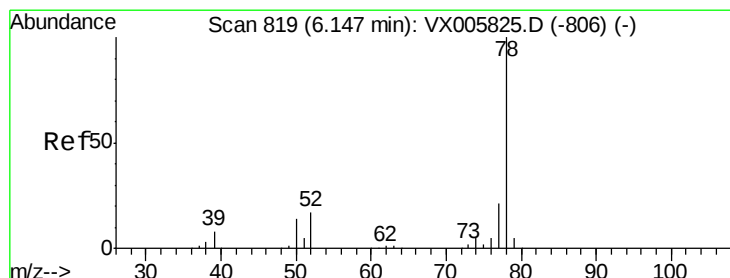
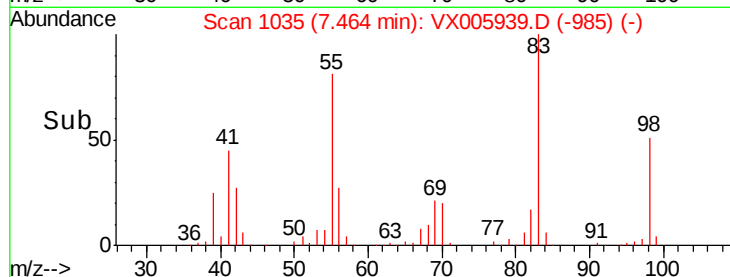
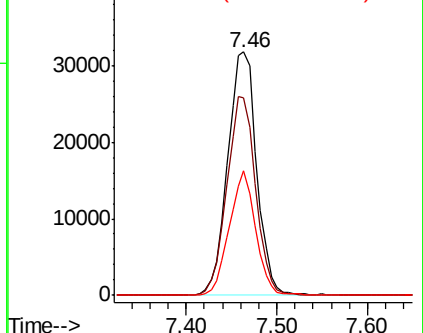
#39
Methvlcvclohexane
Concen: 52.664 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 70595
Ion Ratio Lower Upper
83 100
55 81.1 63.7 95.5
98 50.9 36.2 54.2

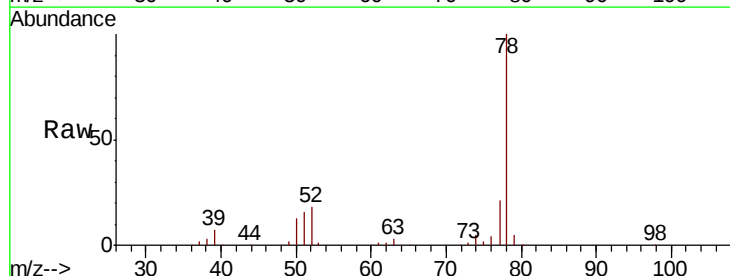


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

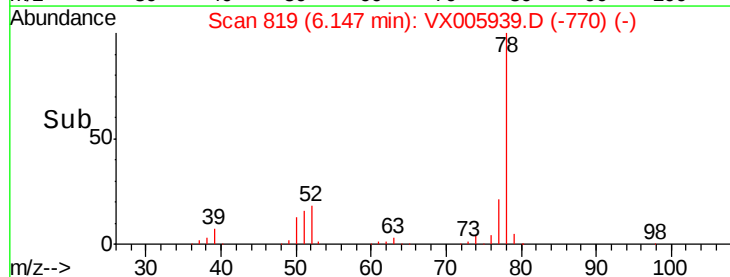
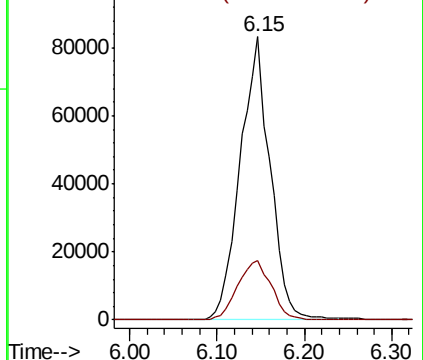


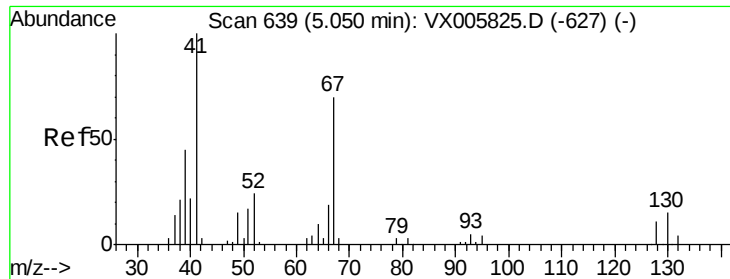
#40
Benzene
Concen: 51.490 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion: 78 Resp: 198529
Ion Ratio Lower Upper
78 100
77 21.2 18.4 27.6



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

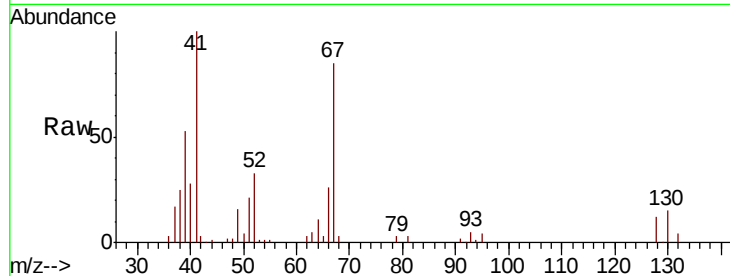




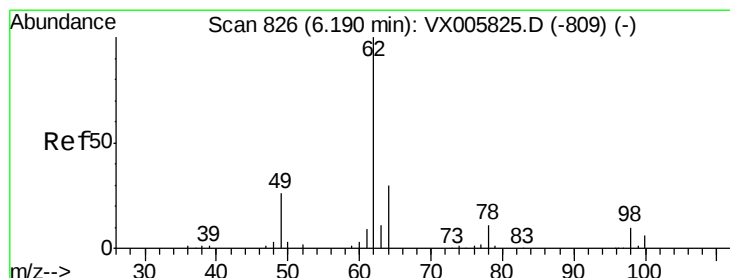
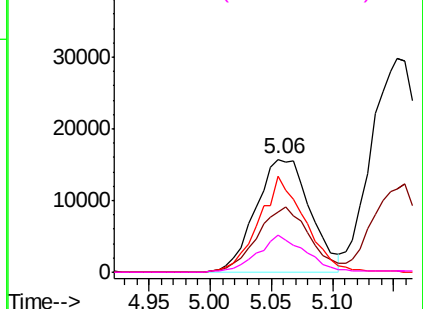
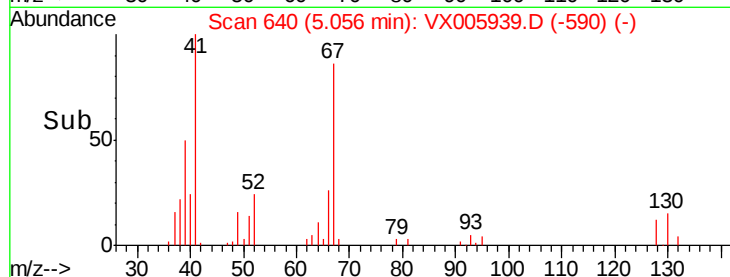
#41
Methacrylonitrile
Concen: 52.336 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	49185
Ion	Ratio	Lower	Upper
41	100		
39	54.9	42.2	63.2
67	71.8	53.4	80.0
52	29.1	23.4	35.2

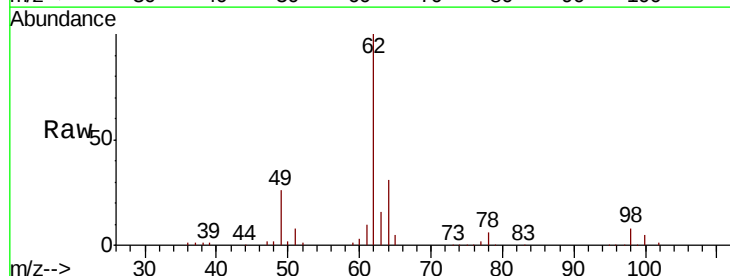


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

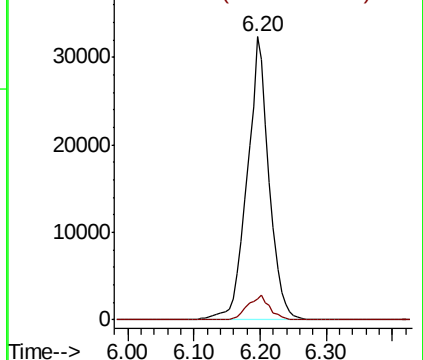
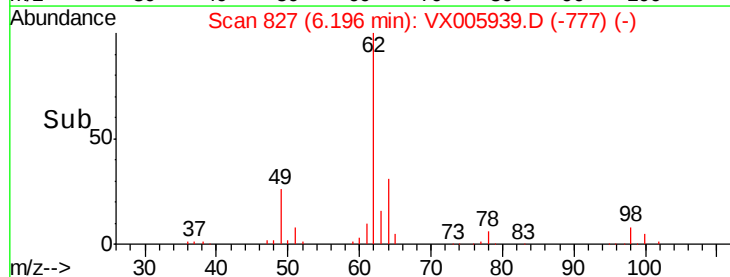


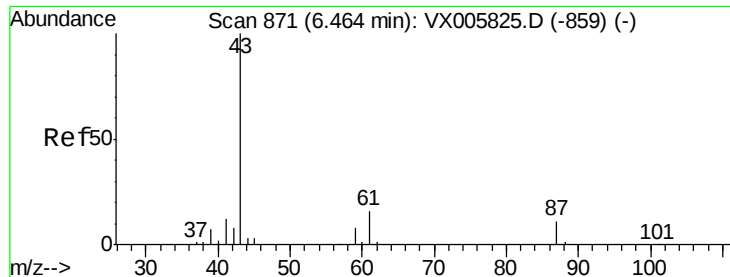
#42
1,2-Dichloroethane
Concen: 53.883 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion:	62	Resp:	74412
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8



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



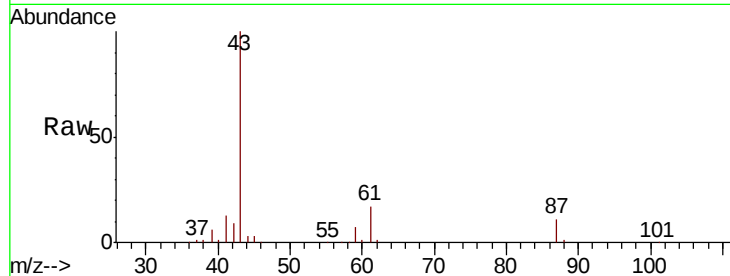


#43

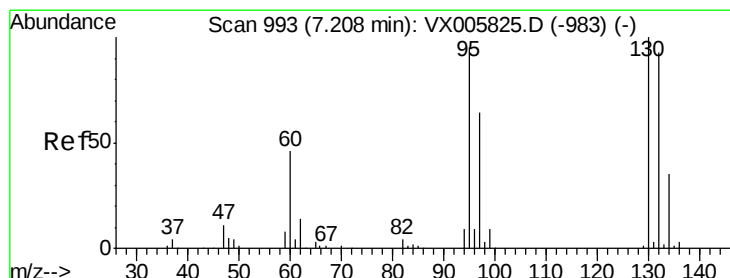
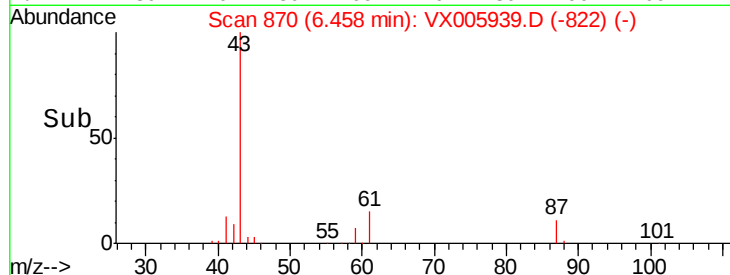
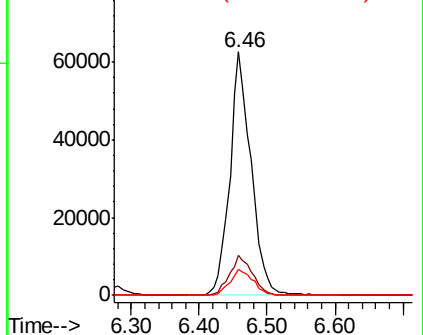
Isopropyl Acetate
 Concen: 54.149 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 136464
 Ion Ratio Lower Upper
 43 100
 61 17.5 14.6 22.0
 87 11.4 9.6 14.4



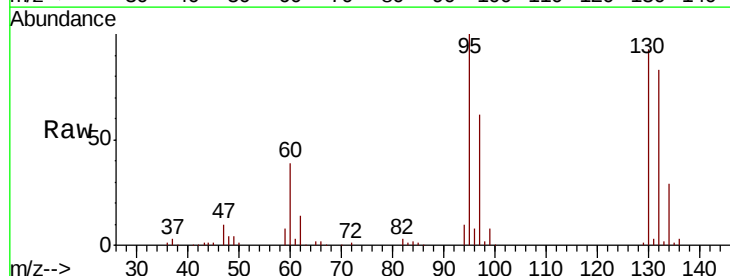
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



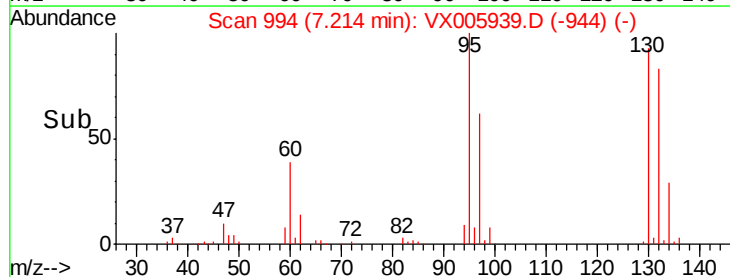
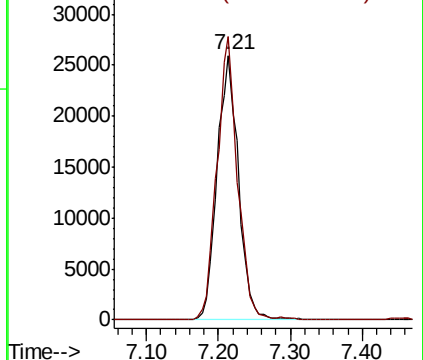
#44

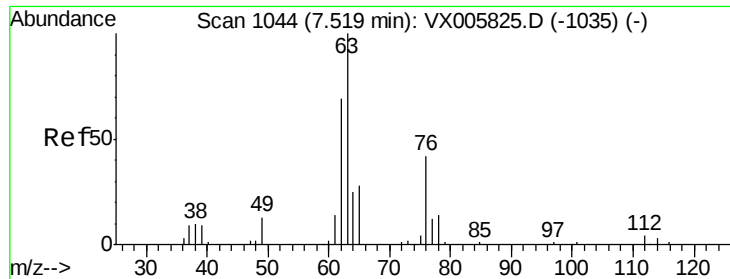
Trichloroethene
 Concen: 54.882 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Tgt Ion:130 Resp: 53738
 Ion Ratio Lower Upper
 130 100
 95 107.0 0.0 194.2



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

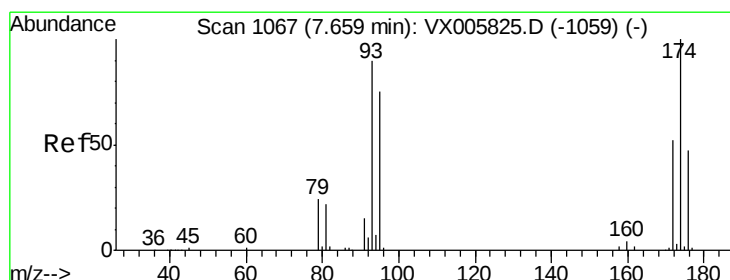
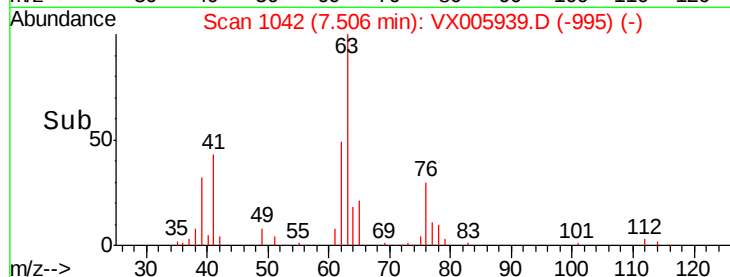
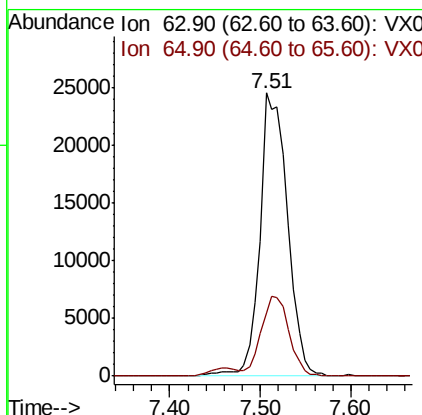
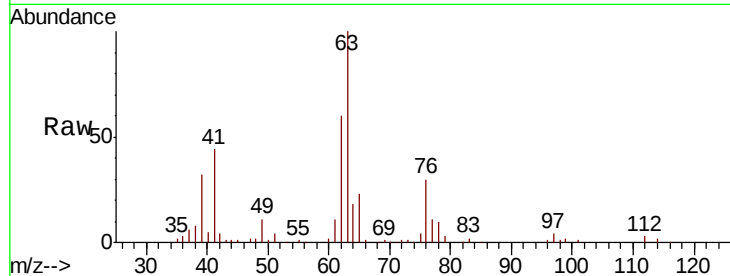




#45
 1,2-Dichloropropane
 Concen: 55.186 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

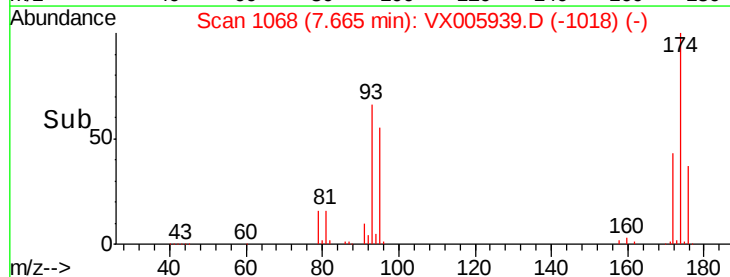
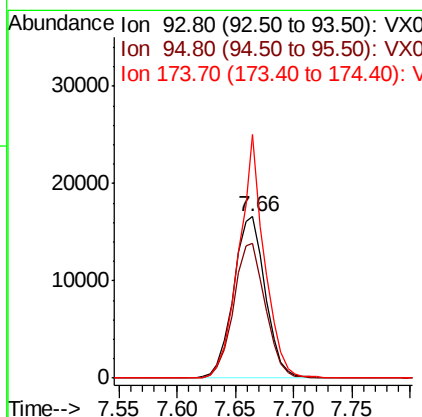
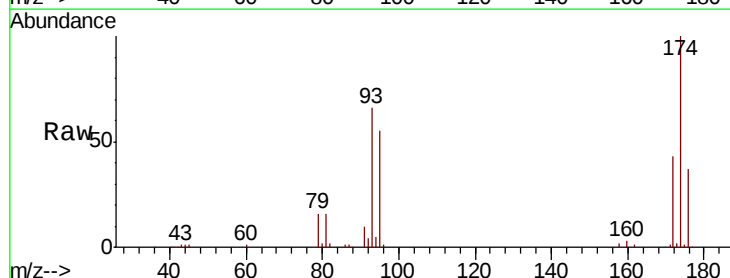
Instrument :
 MSVOA_X
 ClientSampleId :

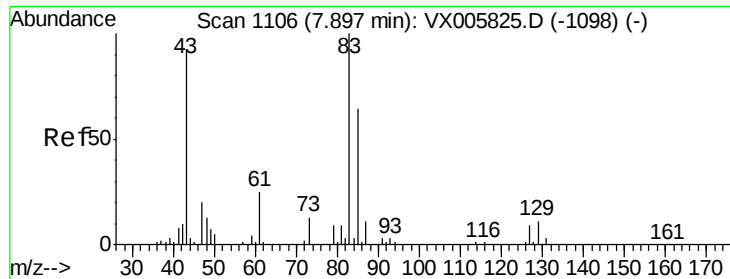
Tot Ion: 63 Resp: 51645
 Ion Ratio Lower Upper
 63 100
 65 22.6 24.8 37.2#



#46
 Dibromomethane
 Concen: 54.032 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Tgt Ion: 93 Resp: 31730
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.4 101.0
 174 120.5 91.5 137.3

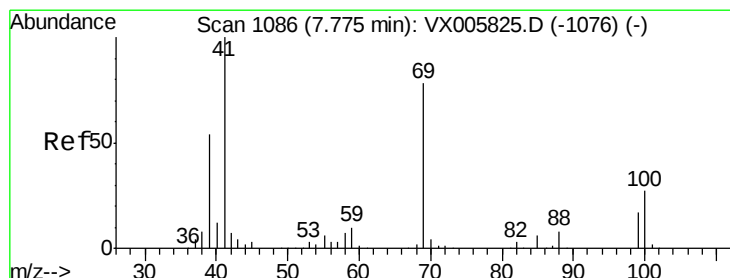
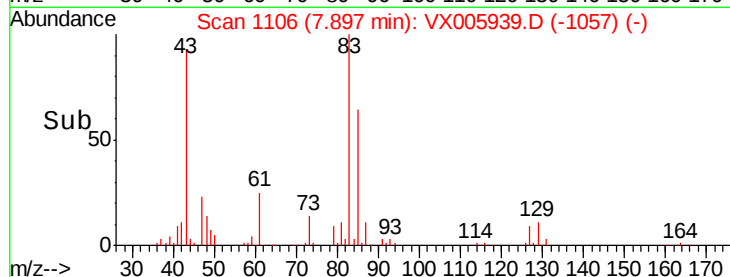
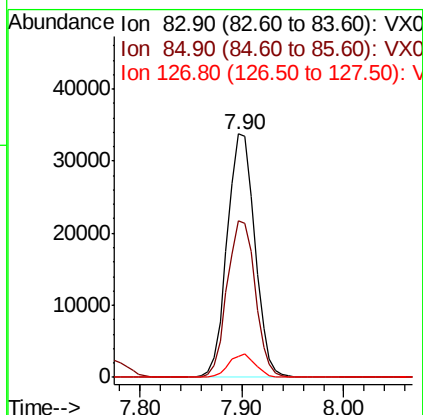
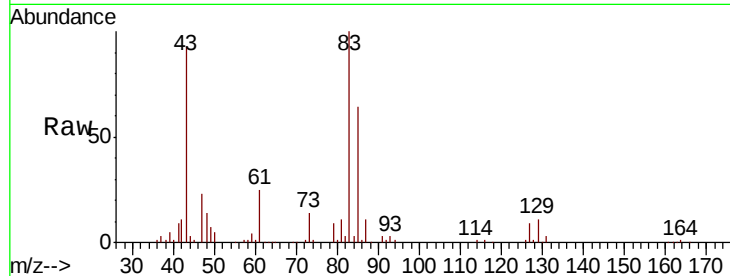




#47
 Bromodichloromethane
 Concen: 57.219 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

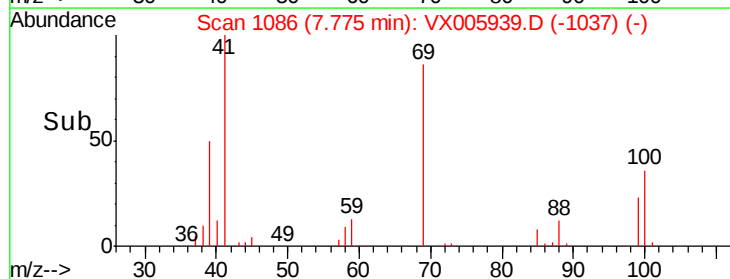
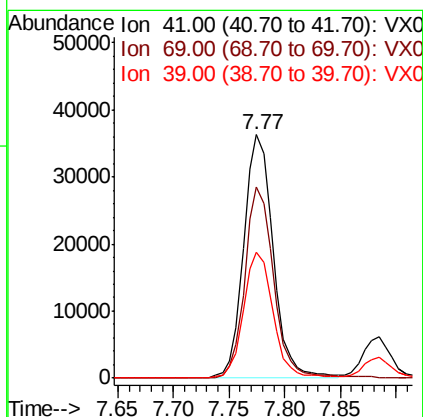
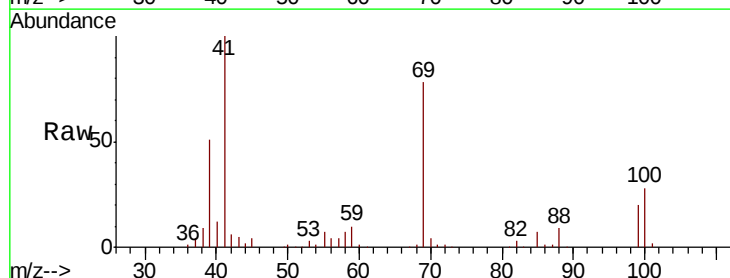
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 83 Resp: 63503
 Ion Ratio Lower Upper
 83 100
 85 64.4 50.2 75.4
 127 8.8 6.9 10.3



#48
 Methyl methacrylate
 Concen: 58.981 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Tgt Ion: 41 Resp: 66743
 Ion Ratio Lower Upper
 41 100
 69 77.6 63.2 94.8
 39 52.2 42.2 63.2

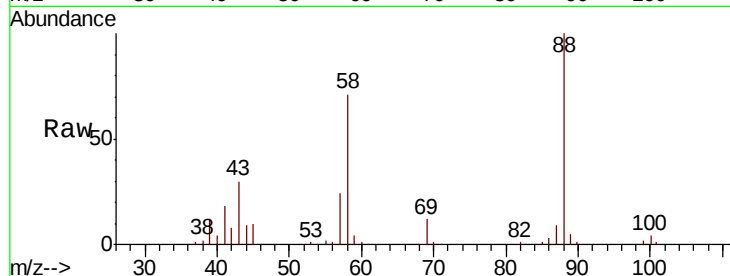




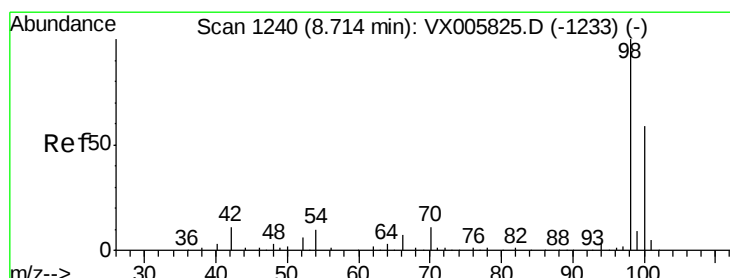
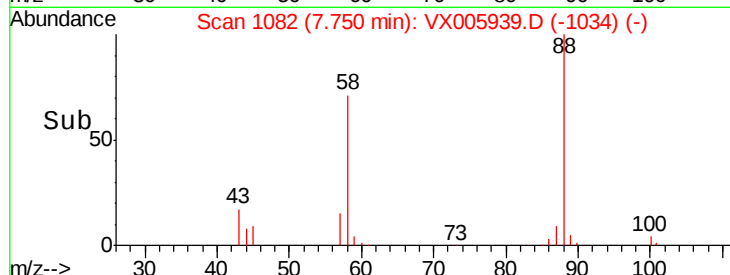
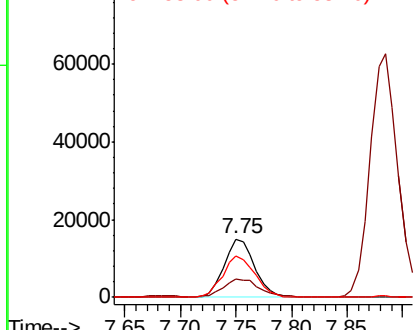
#49
1,4-Dioxane
Concen: 1158.031 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 28238
Ion Ratio Lower Upper
88 100
43 36.1 27.4 41.0
58 75.1 59.4 89.2

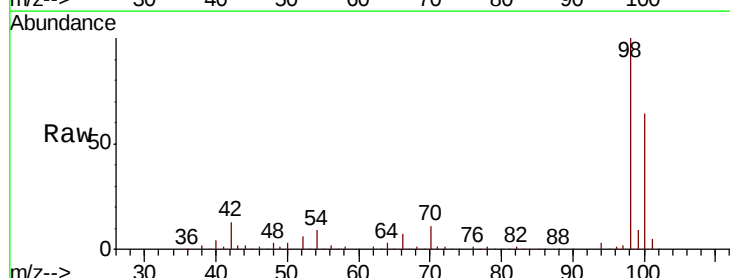


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

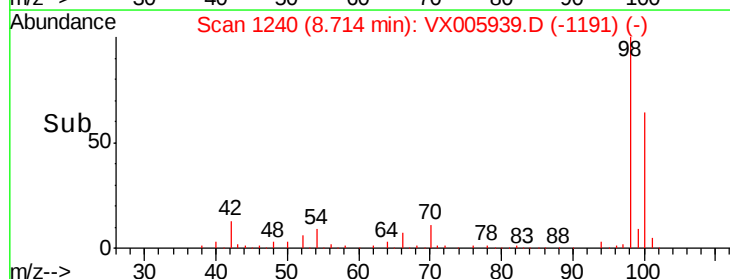
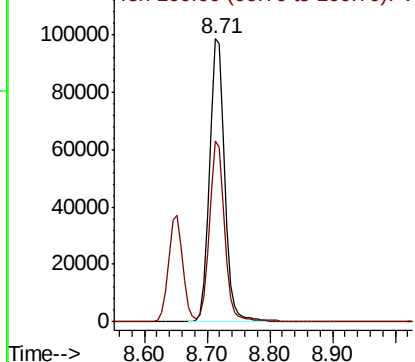


#50
Toluene-d8
Concen: 53.319 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion: 98 Resp: 165409
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9



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





#51

4-Methyl-2-Pentanone

Concen: 280.148 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

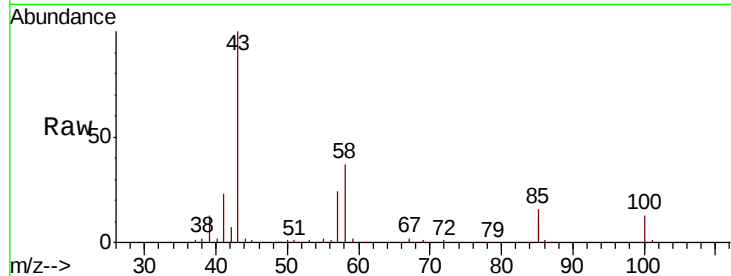
ClientSampled :

Tot Ion: 43 Resp: 444963

Ion Ratio Lower Upper

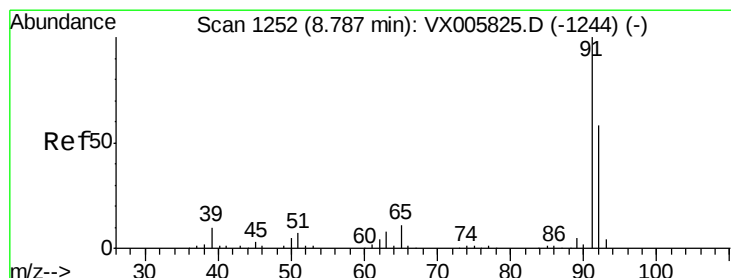
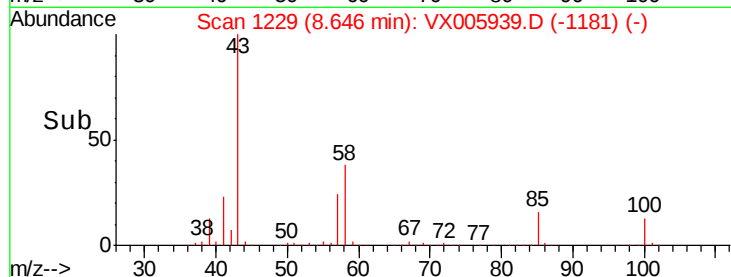
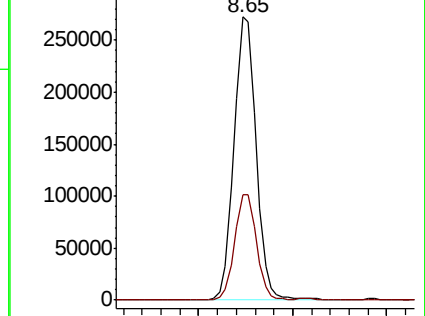
43 100

58 36.9 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.317 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005939.D

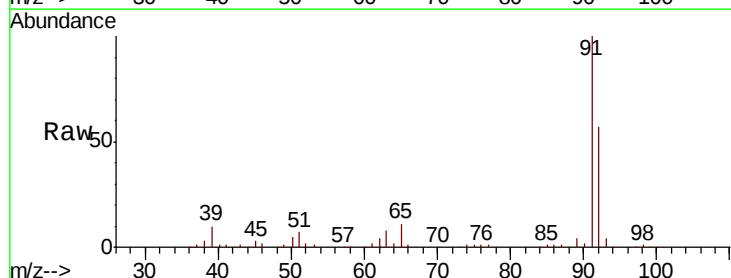
Acq: 13 Nov 2018 09:18

Tgt Ion: 92 Resp: 112737

Ion Ratio Lower Upper

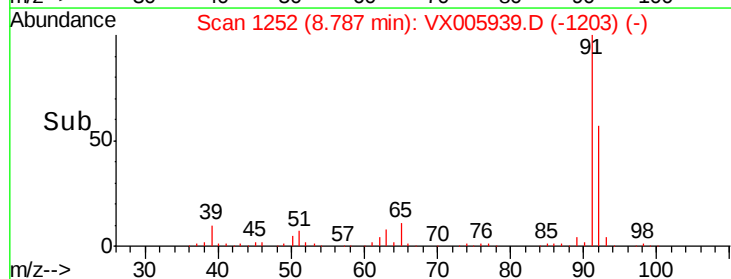
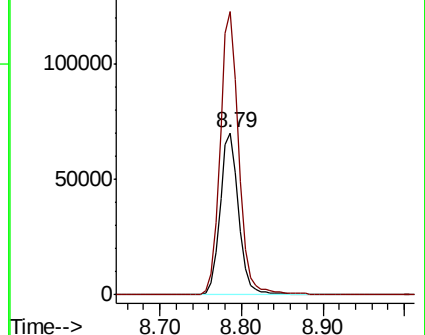
92 100

91 175.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

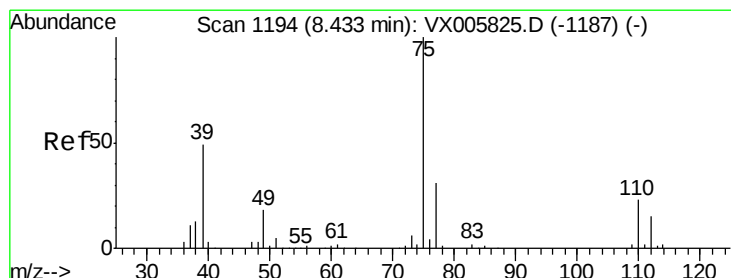
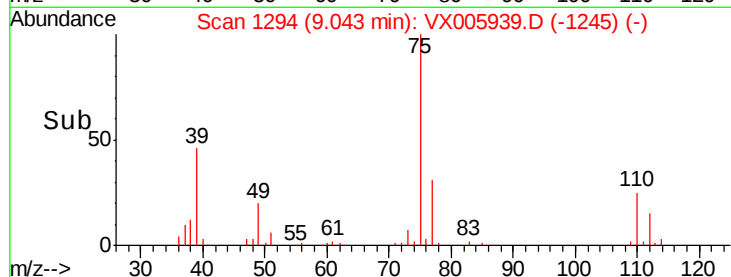
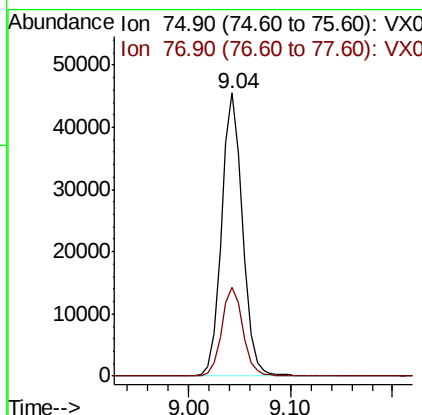
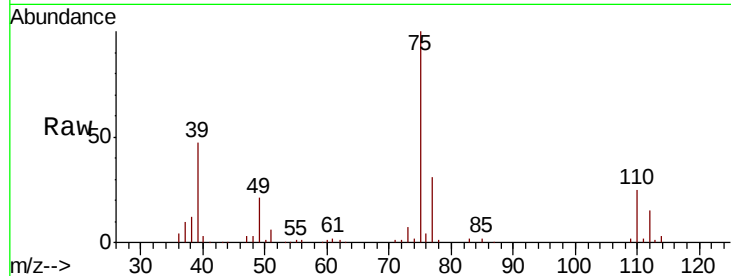




#53
 t-1,3-Dichloropropene
 Concen: 49.684 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

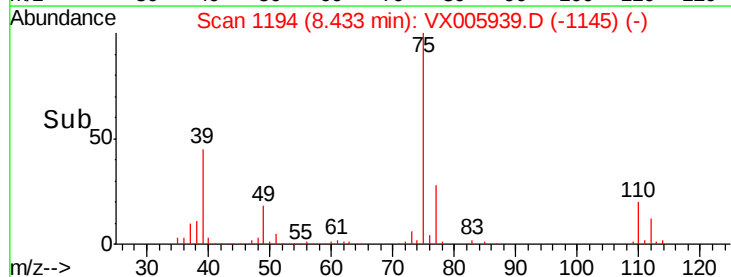
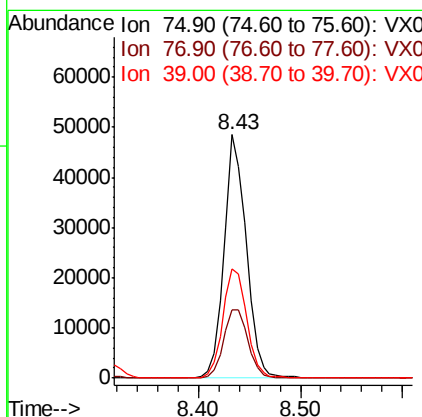
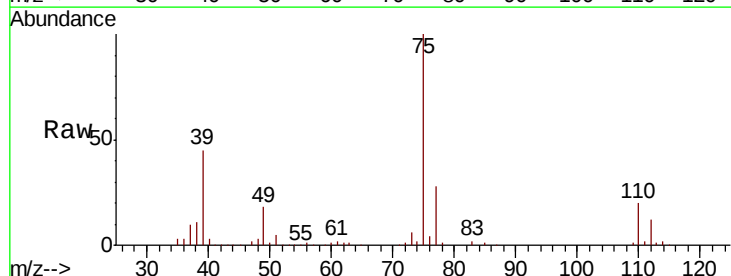
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 65070
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 54.625 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Tgt Ion: 75 Resp: 72919
 Ion Ratio Lower Upper
 75 100
 77 28.1 25.2 37.8
 39 45.0 38.2 57.2

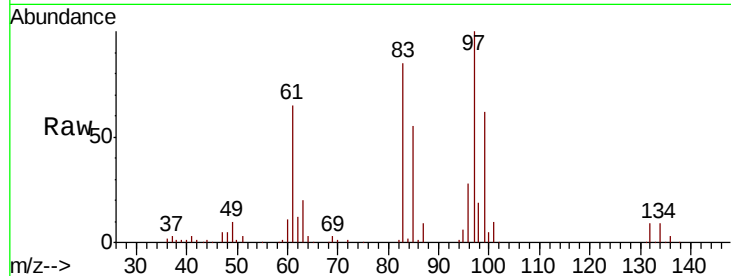




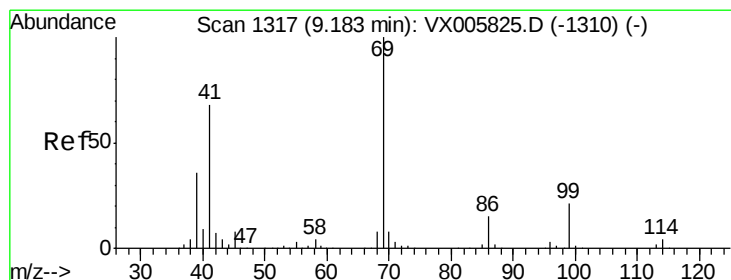
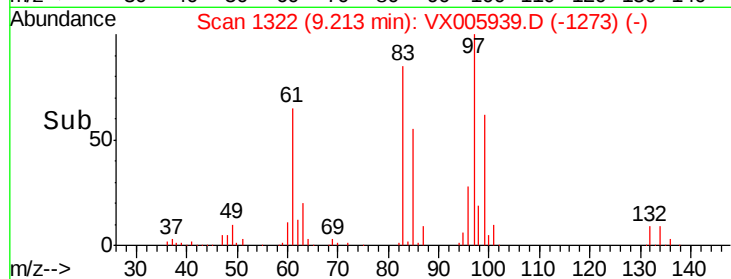
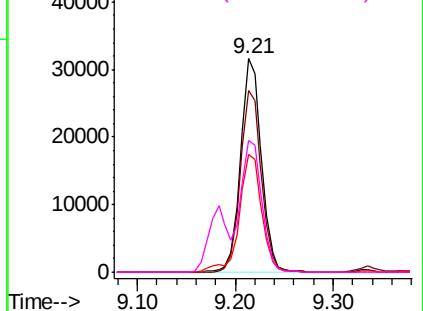
#55
 1,1,2-Trichloroethane
 Concen: 48.749 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	46817
Ion	Ratio	Lower	Upper
97	100		
83	85.0	70.7	106.1
85	55.1	45.8	68.6
99	61.6	51.8	77.8

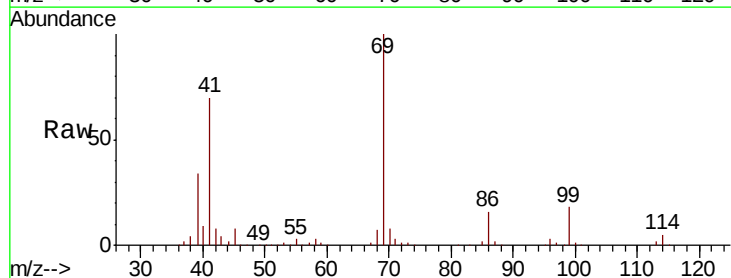


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

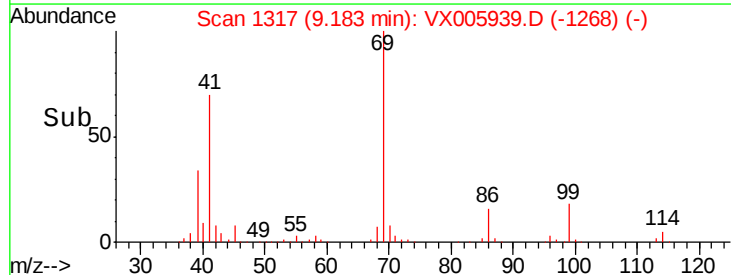
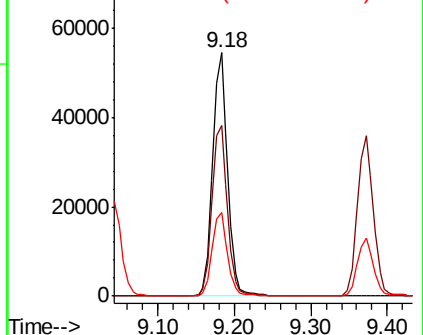


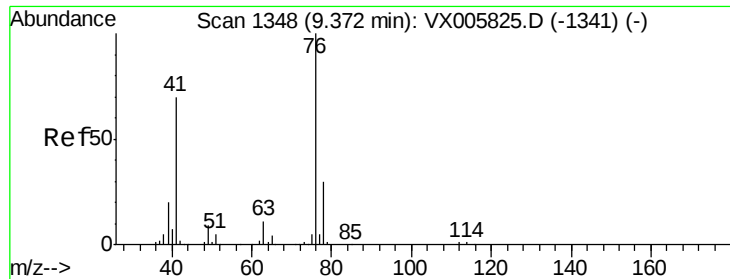
#56
 Ethyl methacrylate
 Concen: 51.418 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Tgt Ion:	69	Resp:	73886
Ion	Ratio	Lower	Upper
69	100		
41	72.6	57.0	85.6
39	35.3	28.3	42.5



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

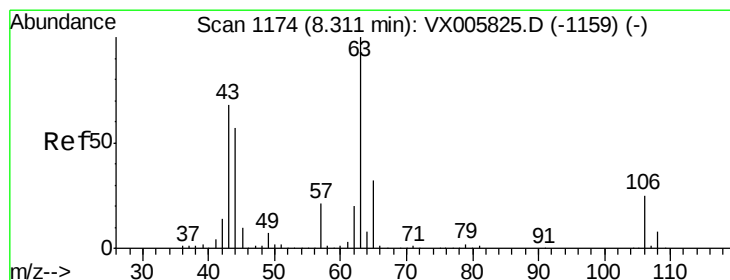
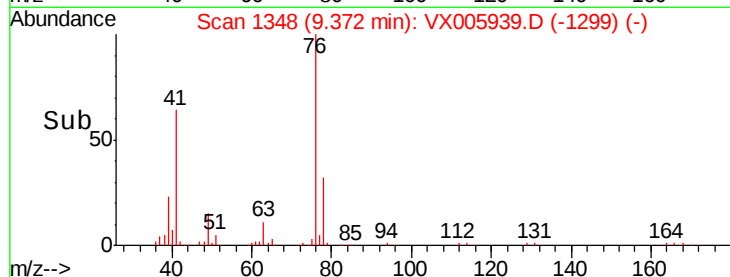
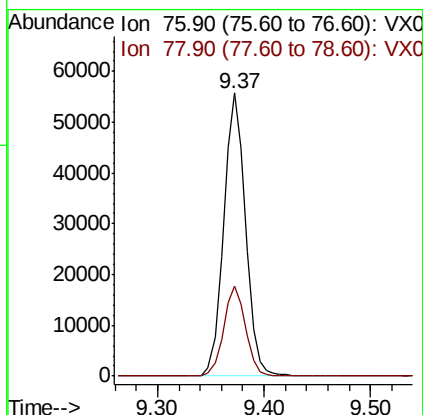
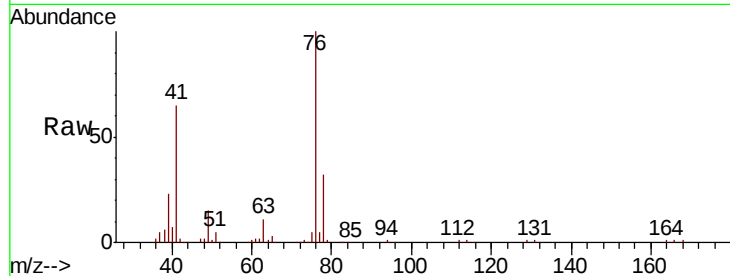




#57
 1,3-Dichloropropane
 Concen: 49.489 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

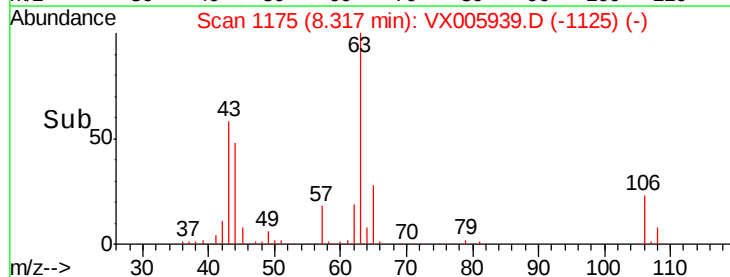
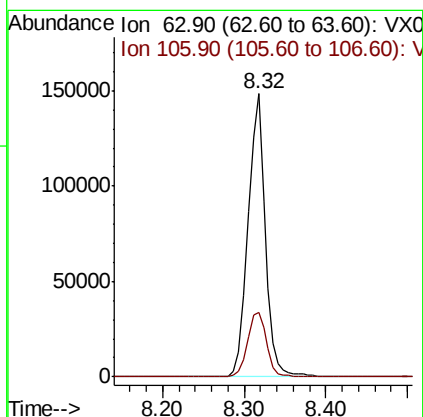
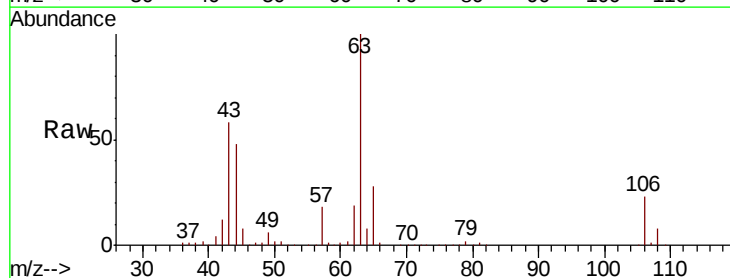
Instrument :
 MSVOA_X
 ClientSampled :

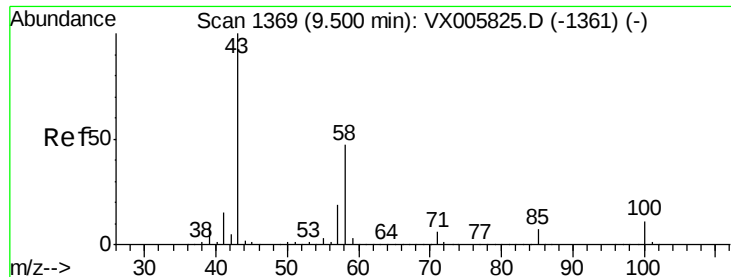
Tot Ion: 76 Resp: 79870
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 278.603 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Tgt Ion: 63 Resp: 218916
 Ion Ratio Lower Upper
 63 100
 106 25.3 21.3 31.9

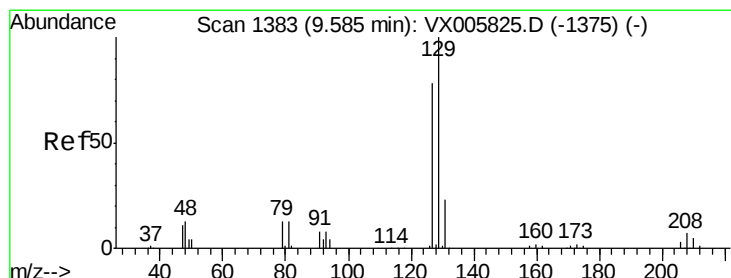
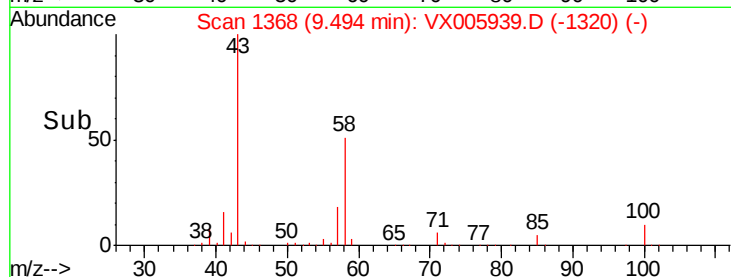
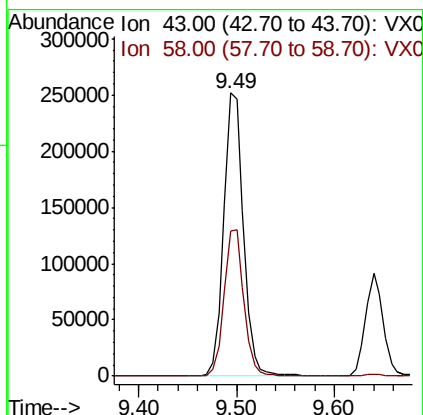
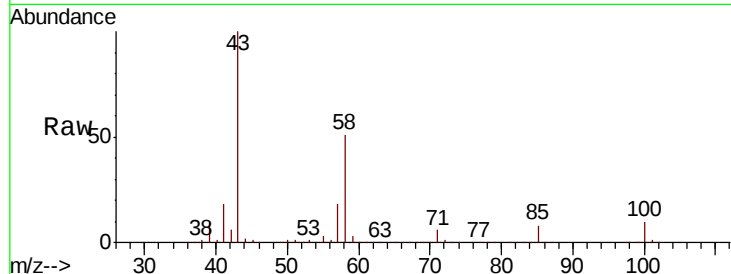




#59
2-Hexanone
Concen: 252.234 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

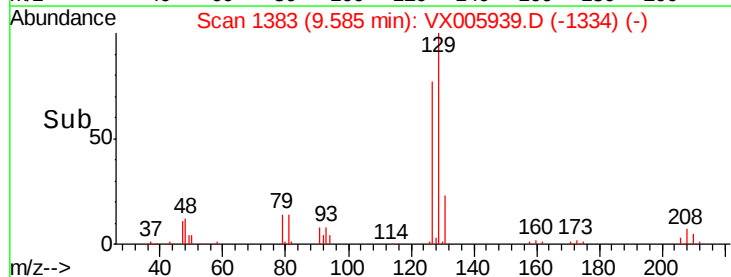
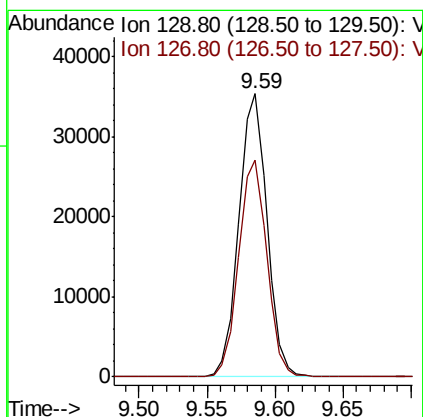
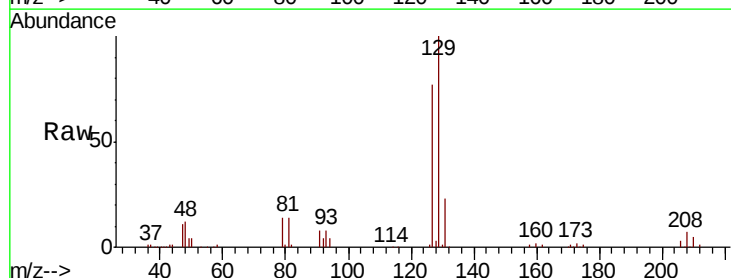
Instrument :
MSVOA_X
ClientSampled :

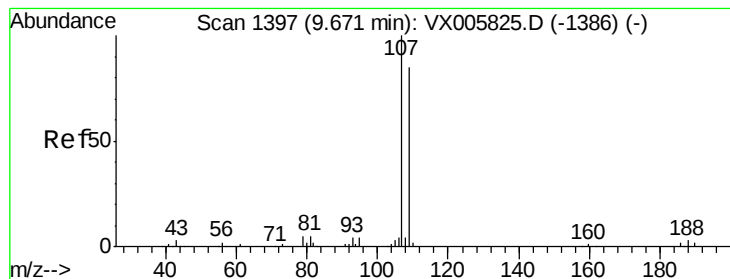
Tot Ion: 43 Resp: 353134
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.8



#60
Dibromochloromethane
Concen: 49.272 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion: 129 Resp: 51140
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 47.087 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

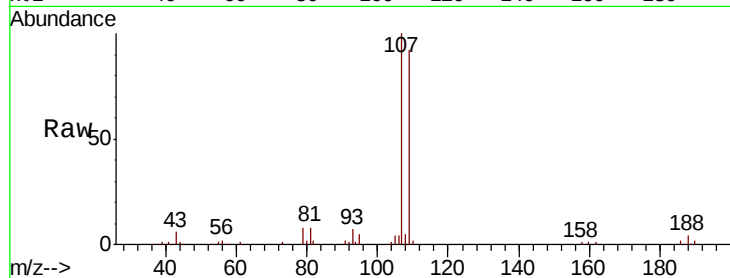
ClientSampleId :

Tot Ion:107 Resp: 50004

Ion Ratio Lower Upper

107 100

109 93.3 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

30000

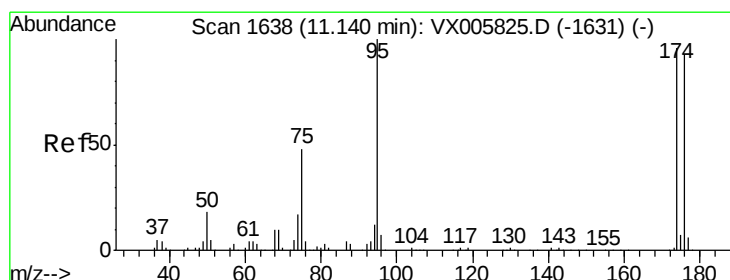
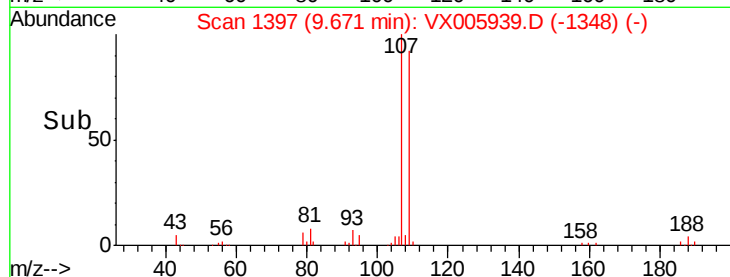
20000

10000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 56.604 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

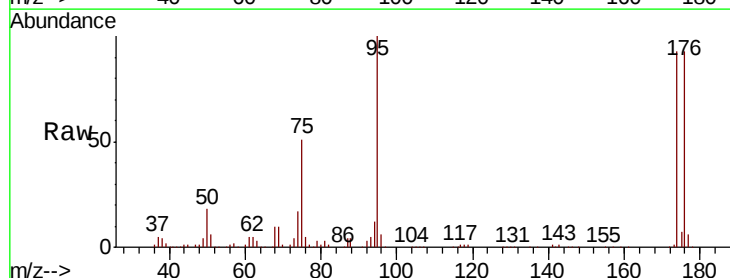
Tgt Ion: 95 Resp: 63135

Ion Ratio Lower Upper

95 100

174 90.4 0.0 184.4

176 88.2 0.0 177.4



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

60000

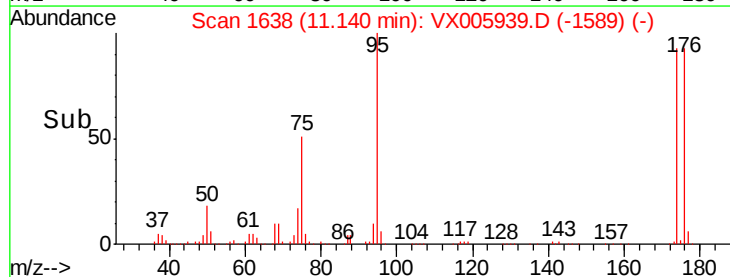
40000

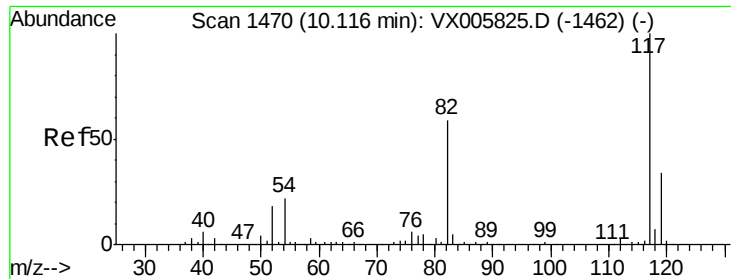
20000

0

11.10 11.14 11.20

Time-->

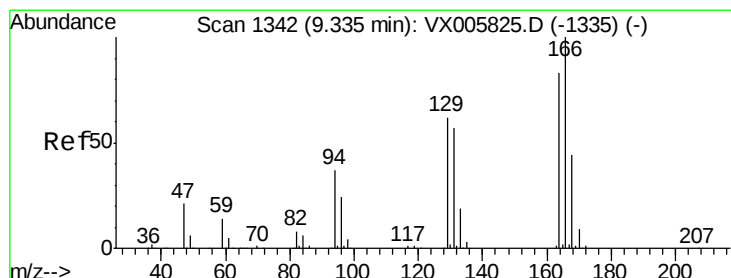
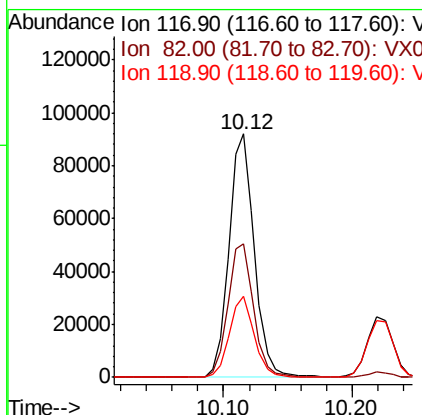
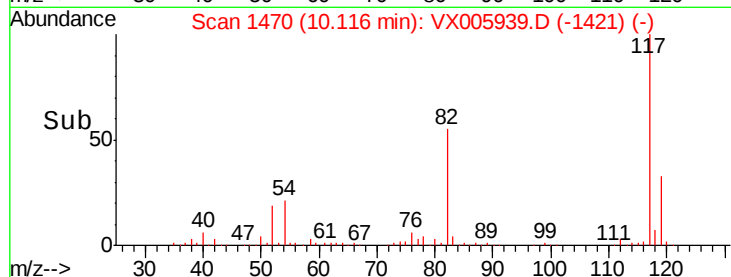
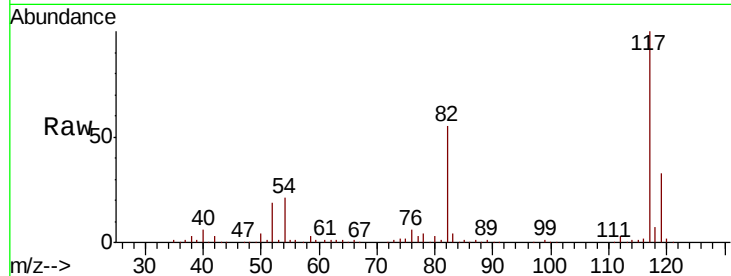




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

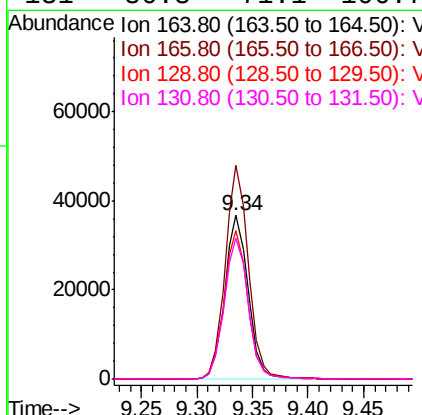
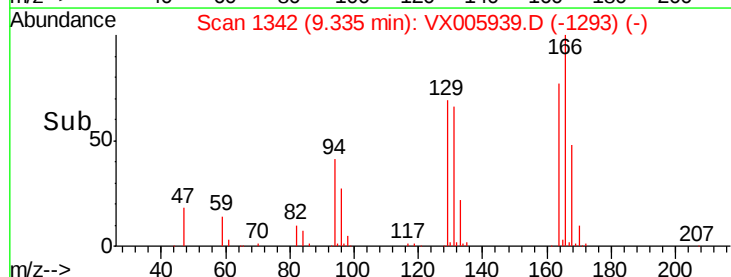
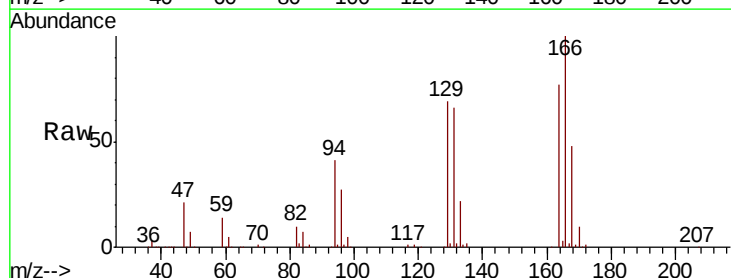
Instrument :
MSVOA_X
ClientSampleId :

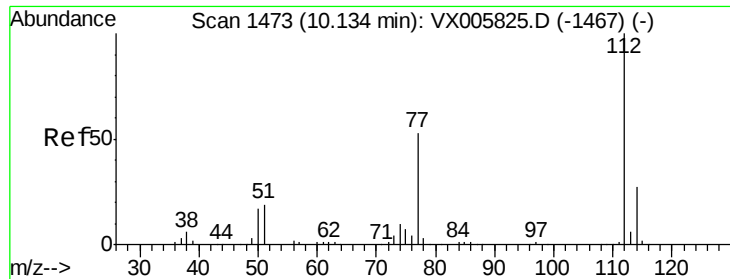
Tot Ion:117 Resp: 126999
Ion Ratio Lower Upper
117 100
82 54.7 44.1 66.1
119 33.2 26.2 39.2



#64
Tetrachloroethene
Concen: 49.529 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion:164 Resp: 53554
Ion Ratio Lower Upper
164 100
166 130.5 101.9 152.9
129 90.6 72.6 109.0
131 86.3 71.1 106.7





#65

Chlorobenzene

Concen: 49.875 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

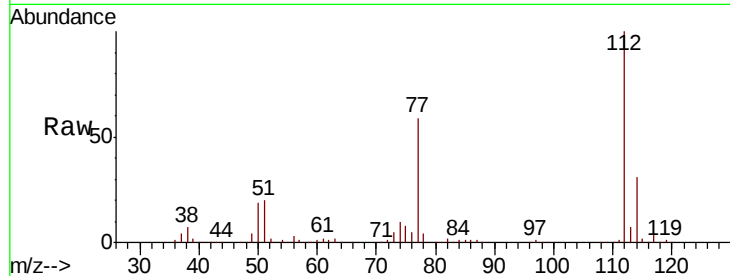
ClientSampleId :

Tot Ion:112 Resp: 126893

Ion Ratio Lower Upper

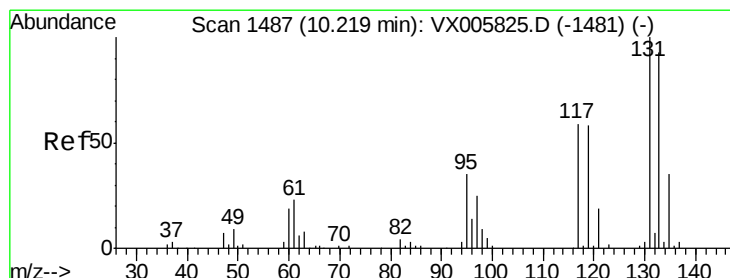
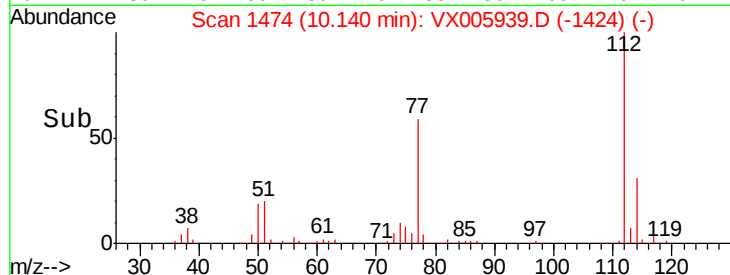
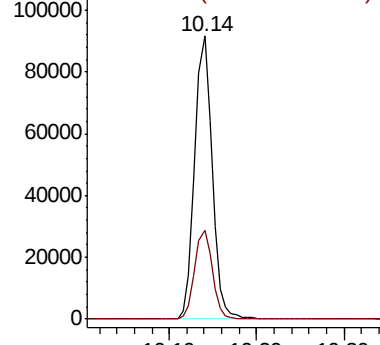
112 100

114 31.5 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.699 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

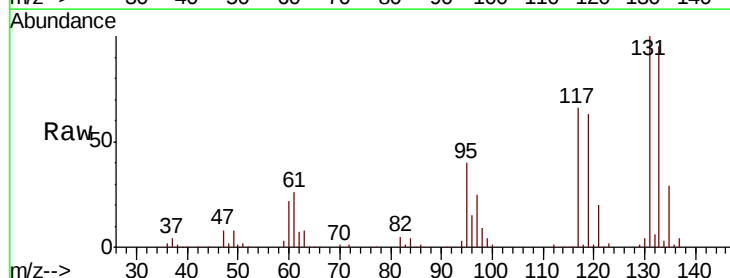
Tgt Ion:131 Resp: 47497

Ion Ratio Lower Upper

131 100

133 96.4 47.5 142.5

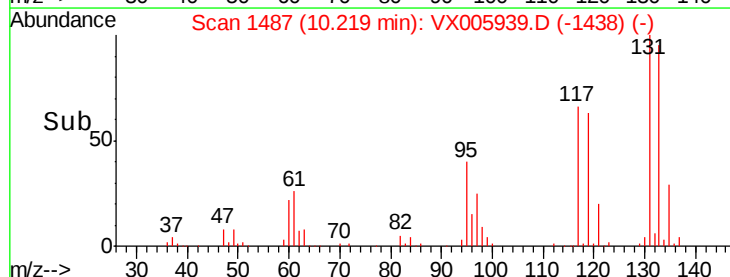
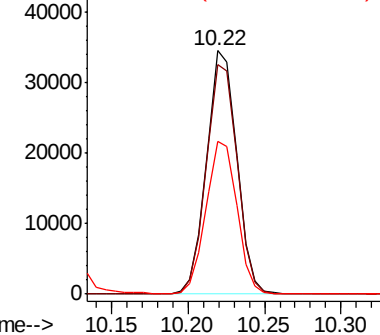
119 64.0 31.8 95.3

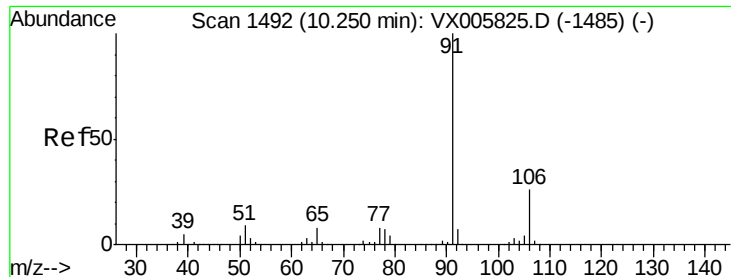


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 54.344 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

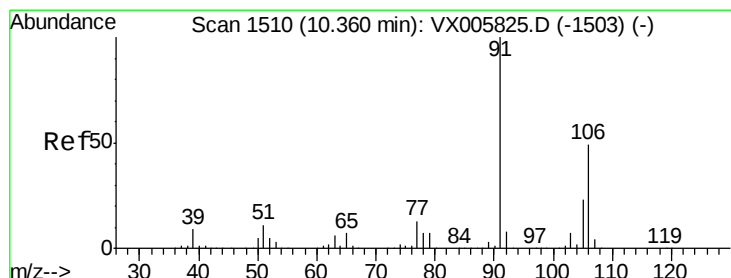
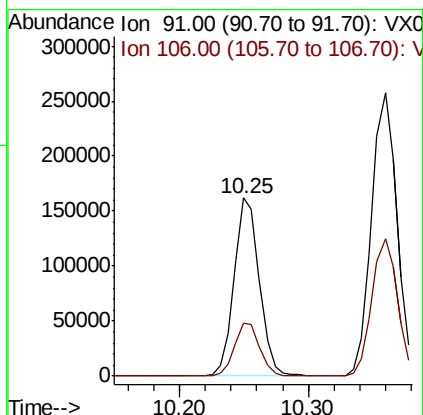
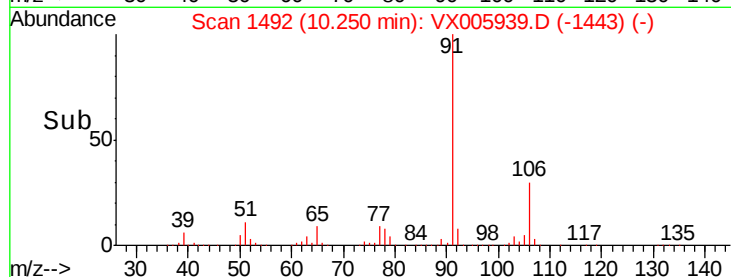
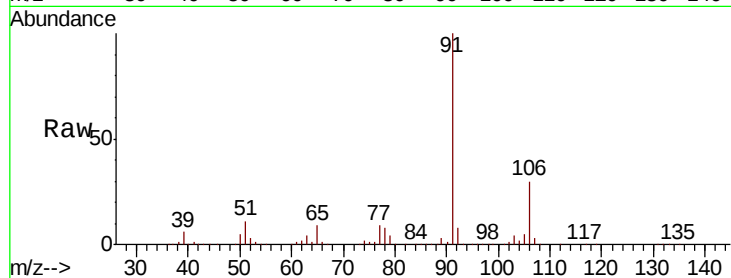
ClientSampled :

Tot Ion: 91 Resp: 221708

Ion Ratio Lower Upper

91 100

106 29.9 24.4 36.6



#68

m/p-Xylenes

Concen: 110.115 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005939.D

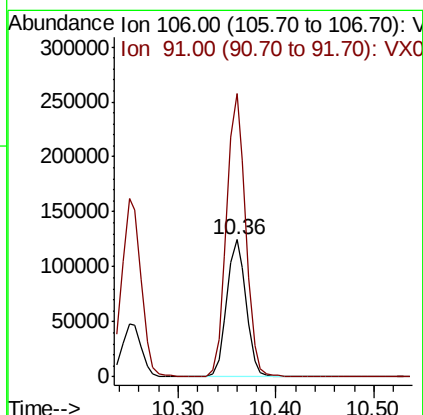
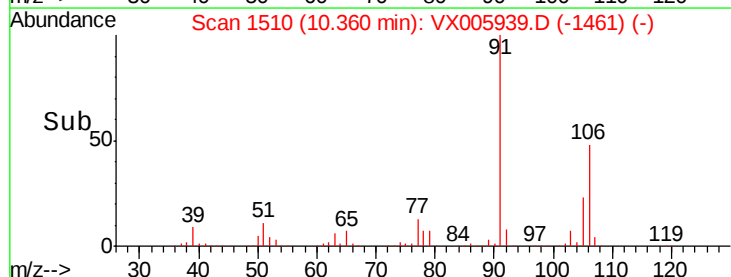
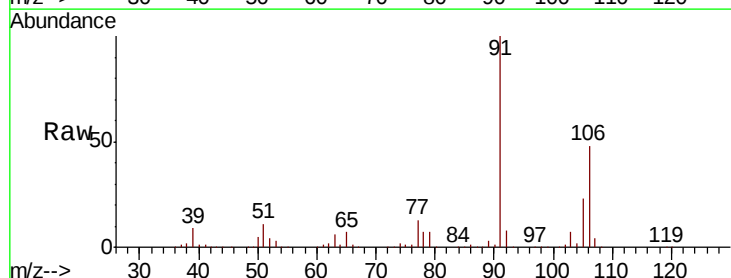
Acq: 13 Nov 2018 09:18

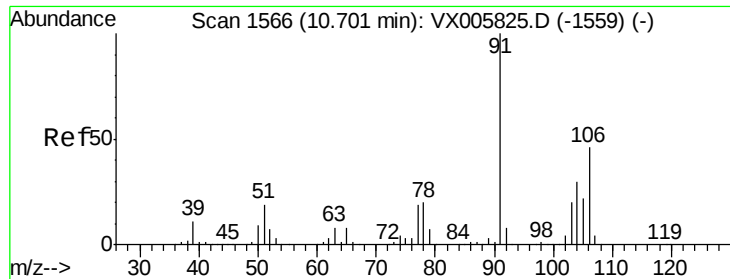
Tgt Ion: 106 Resp: 171355

Ion Ratio Lower Upper

106 100

91 204.9 164.2 246.4

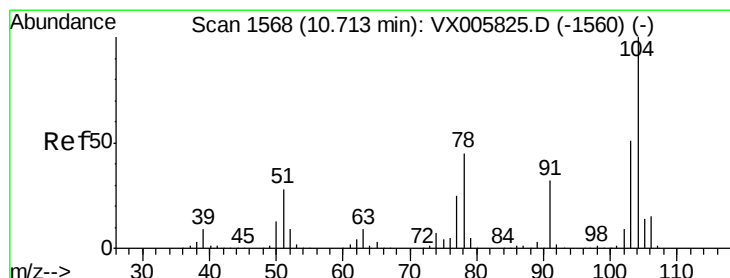
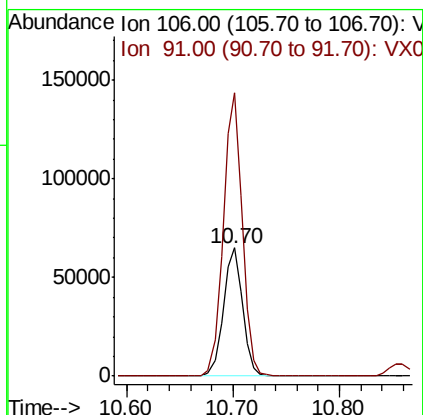
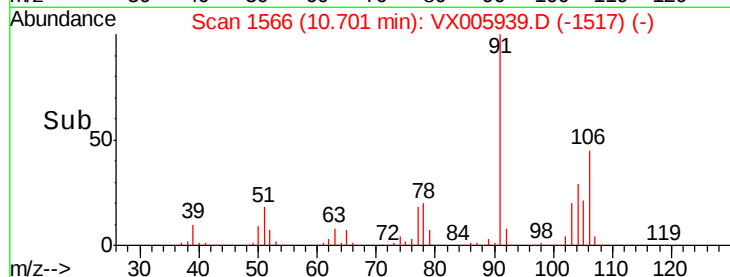
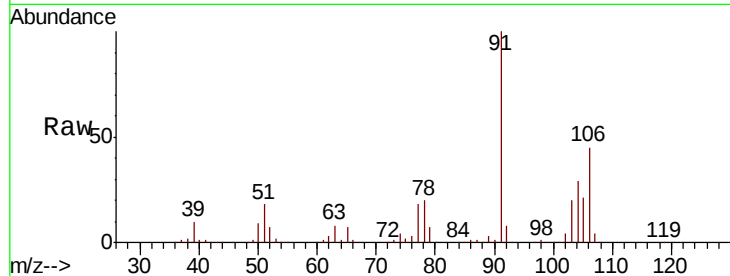




#69
o-Xylene
Concen: 58.271 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

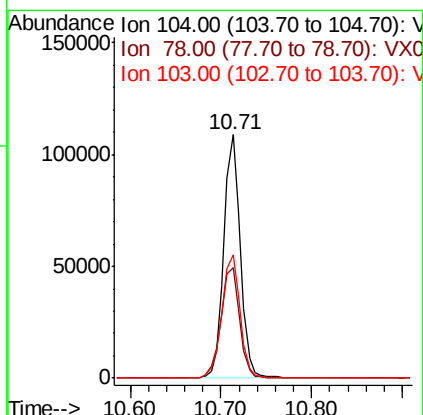
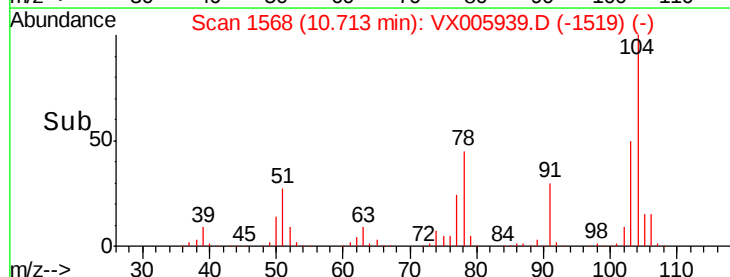
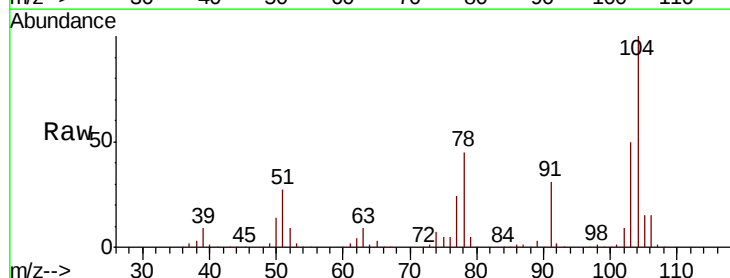
Instrument :
MSVOA_X
ClientSampleId :

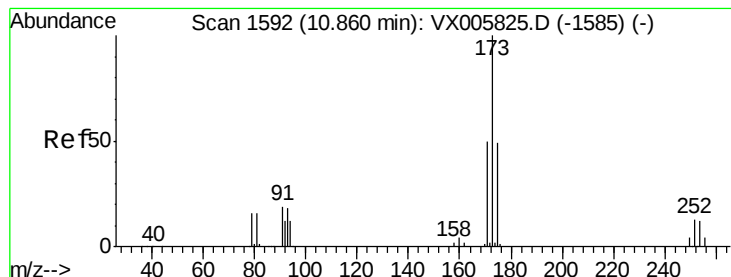
Tot Ion:106 Resp: 81311
Ion Ratio Lower Upper
106 100
91 219.1 108.5 325.5



#70
Styrene
Concen: 60.164 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion:104 Resp: 138490
Ion Ratio Lower Upper
104 100
78 51.4 40.2 60.4
103 55.8 44.9 67.3





#71

Bromoform

Concen: 58.160 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampleId :

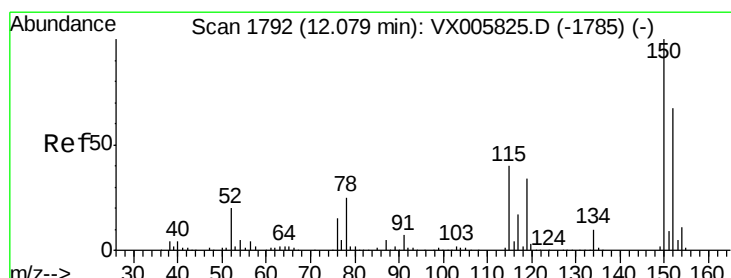
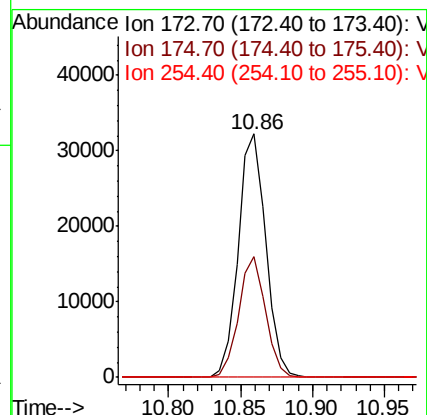
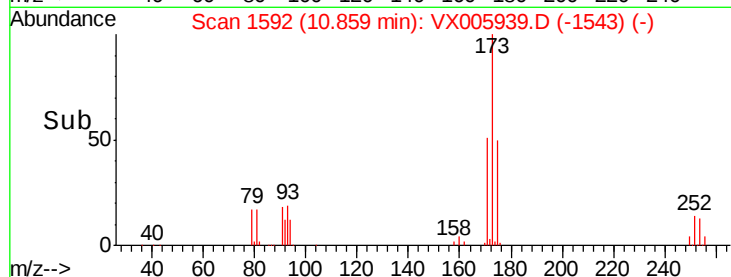
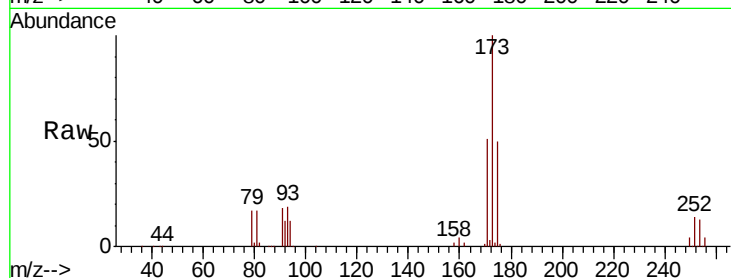
Tot Ion:173 Resp: 43124

Ion Ratio Lower Upper

173 100

175 48.4 24.8 74.3

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

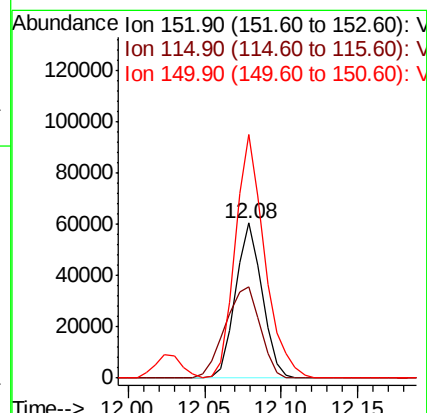
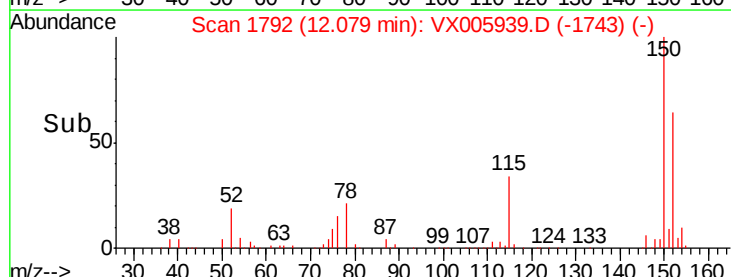
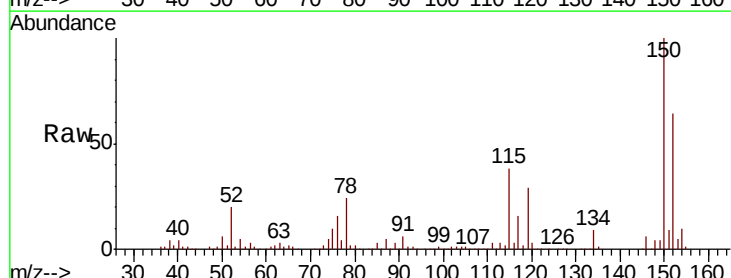
Tgt Ion:152 Resp: 72877

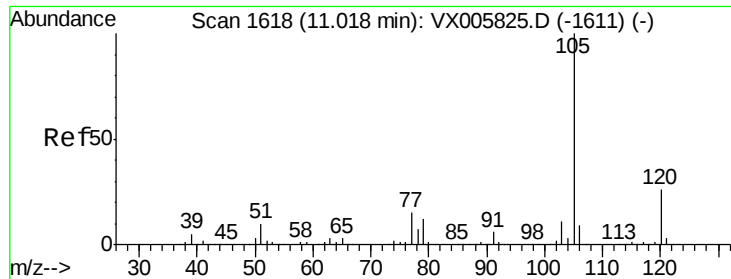
Ion Ratio Lower Upper

152 100

115 78.1 39.4 118.1

150 172.8 0.0 346.4





#73

Isopropylbenzene

Concen: 53.404 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

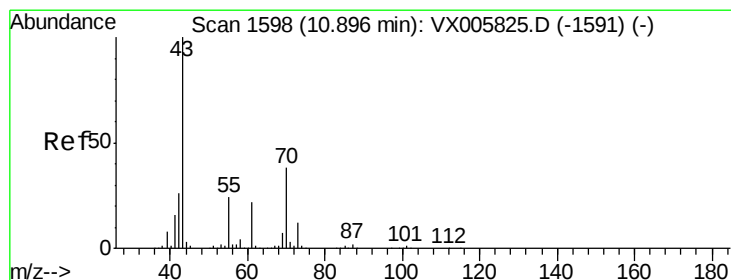
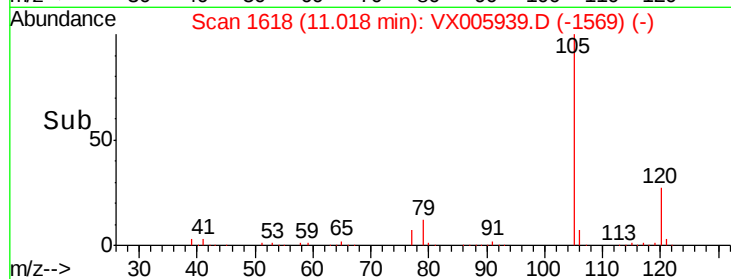
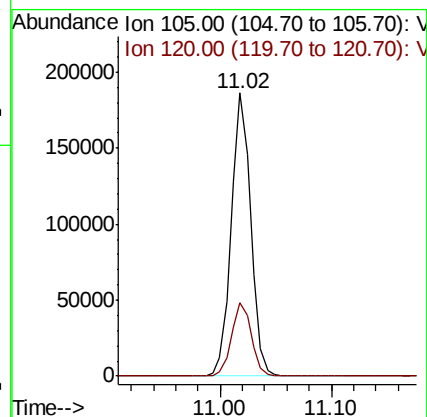
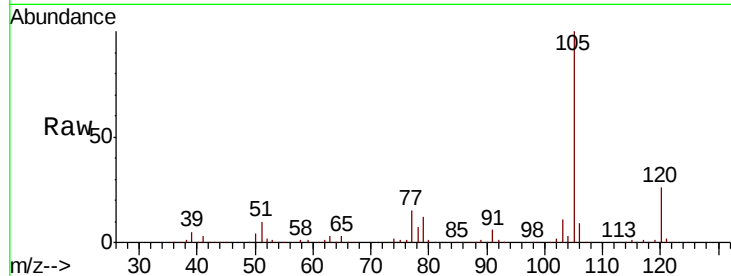
ClientSampleId :

Tot Ion:105 Resp: 225063

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



#74

N-ethyl acetate

Concen: 48.703 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Tgt Ion: 43 Resp: 115089

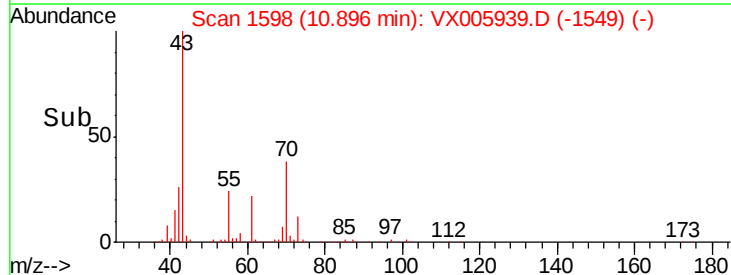
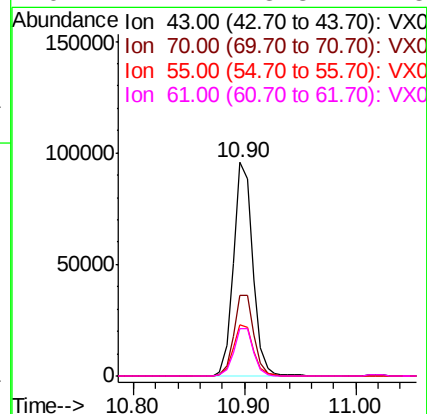
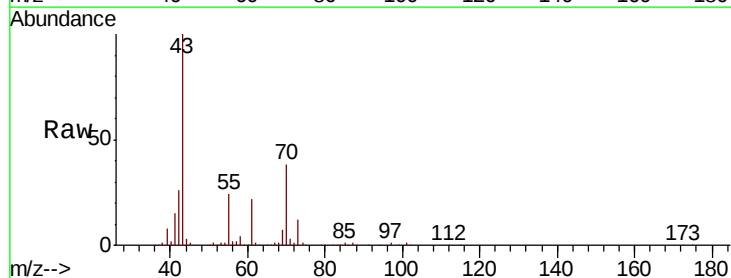
Ion Ratio Lower Upper

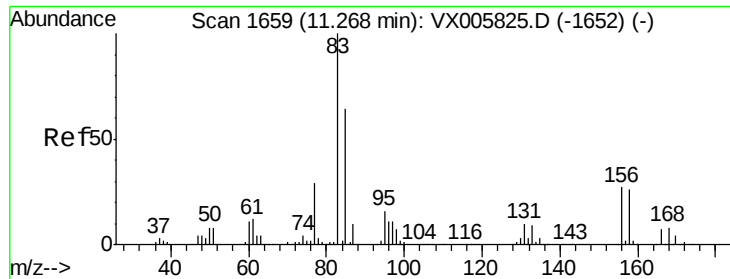
43 100

70 39.0 31.6 47.4

55 24.6 19.7 29.5

61 22.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.314 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampleId :

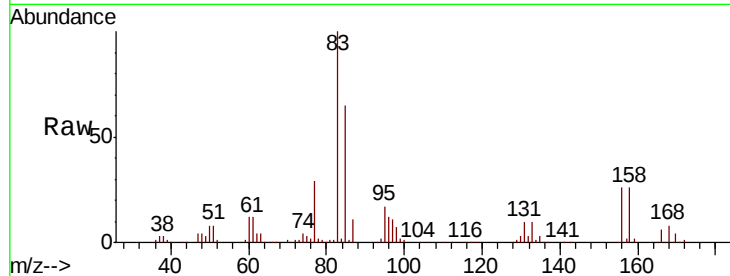
Tot Ion: 83 Resp: 77830

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.9

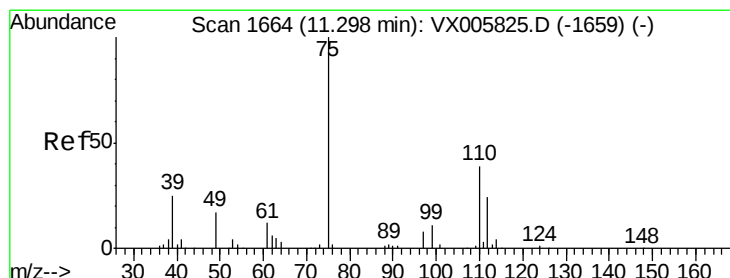
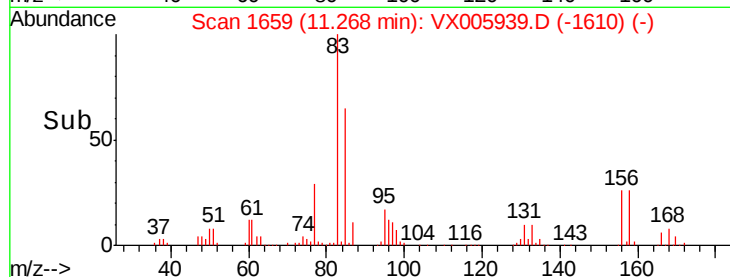
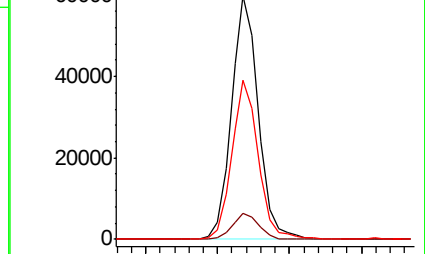
85 64.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX005825.D (-1652) (-)

Ion 130.80 (130.50 to 131.50): VX005825.D (-1652) (-)

Ion 84.90 (84.60 to 85.60): VX005825.D (-1652) (-)



#76

1,2,3-Trichloropropane

Concen: 62.384 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005939.D

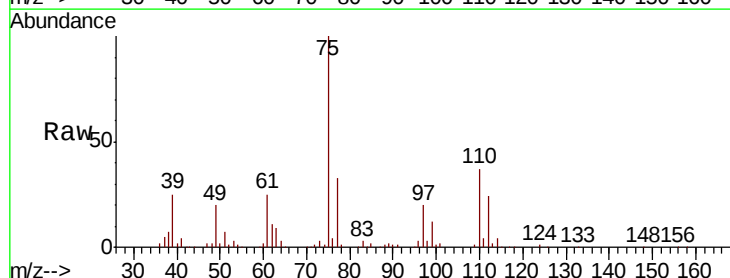
Acq: 13 Nov 2018 09:18

Tgt Ion: 75 Resp: 92574

Ion Ratio Lower Upper

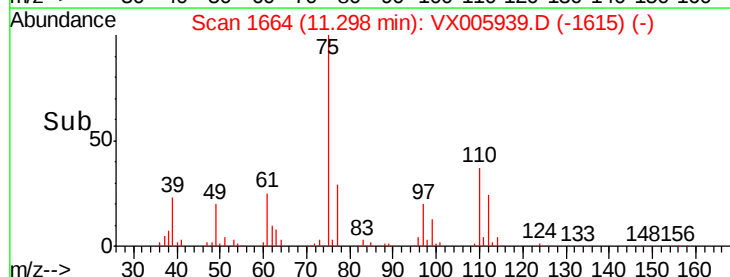
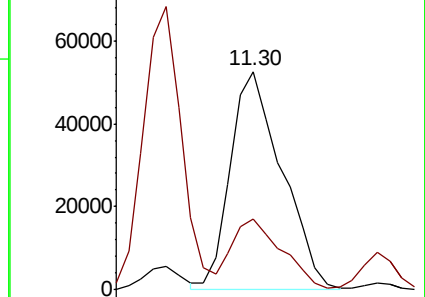
75 100

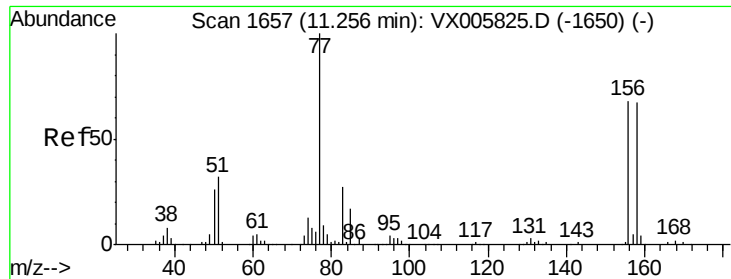
77 31.5 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX005825.D (-1659) (-)

Ion 77.00 (76.70 to 77.70): VX005825.D (-1659) (-)





#77

Bromobenzene

Concen: 50.374 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampleId :

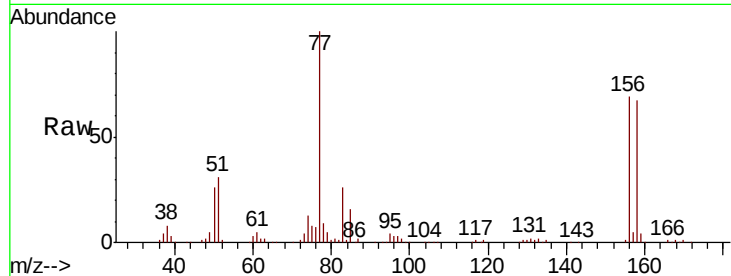
Tot Ion:156 Resp: 59838

Ion Ratio Lower Upper

156 100

77 148.8 74.8 224.4

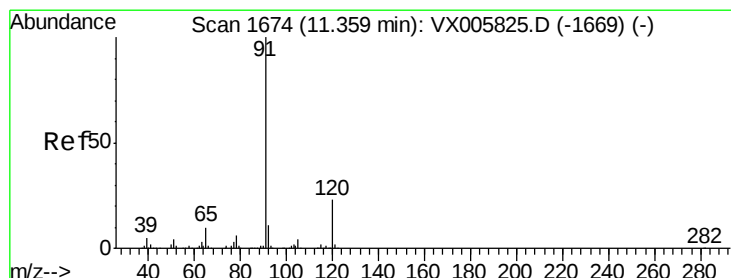
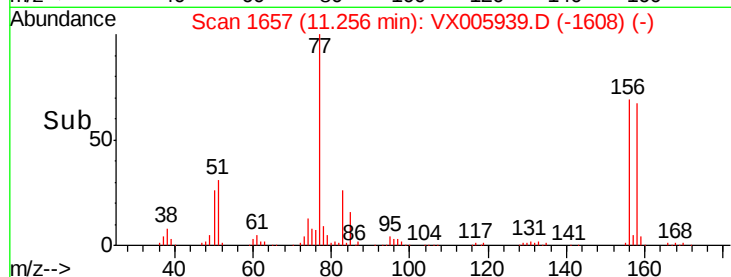
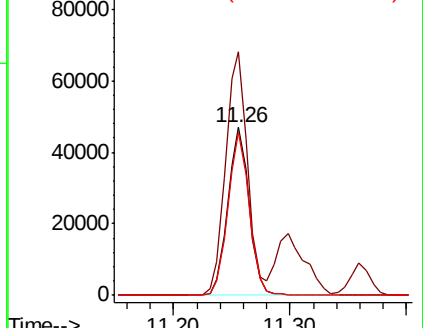
158 96.5 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.616 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005939.D

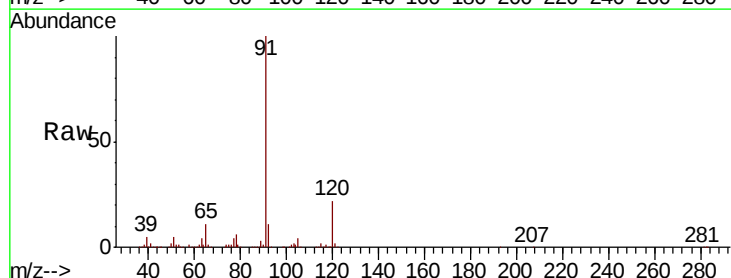
Acq: 13 Nov 2018 09:18

Tgt Ion: 91 Resp: 261332

Ion Ratio Lower Upper

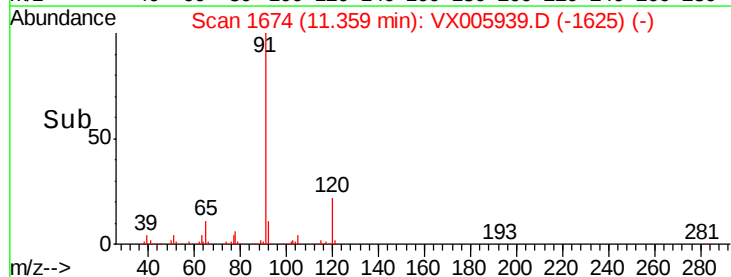
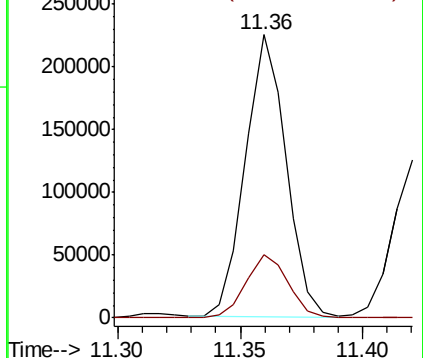
91 100

120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

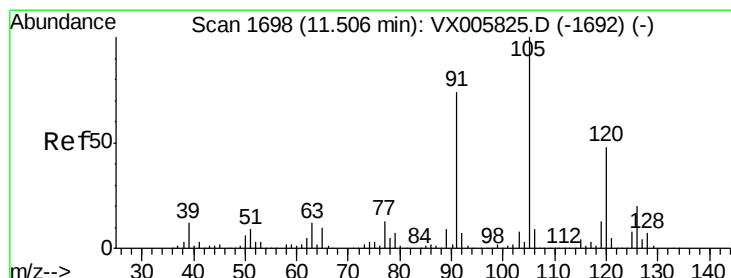
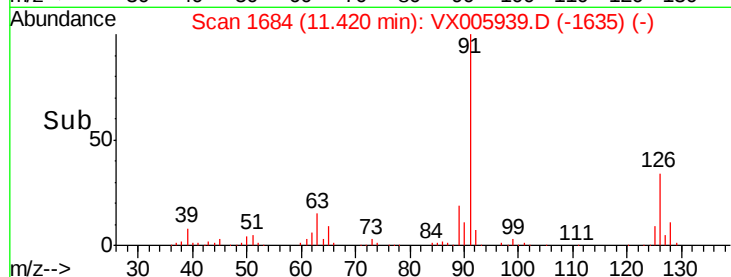
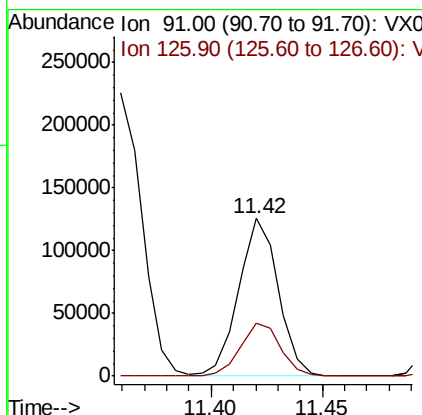
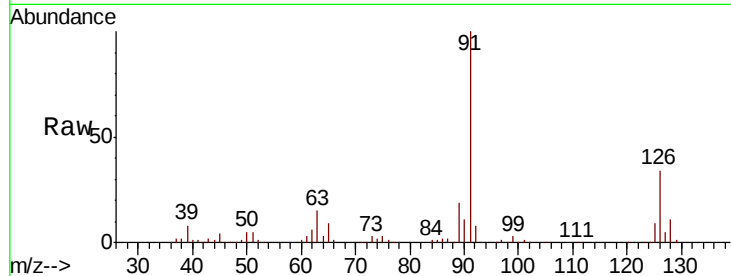




#79
 2-Chlorotoluene
 Concen: 51.548 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

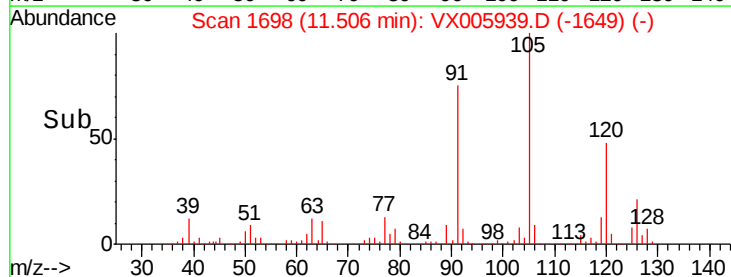
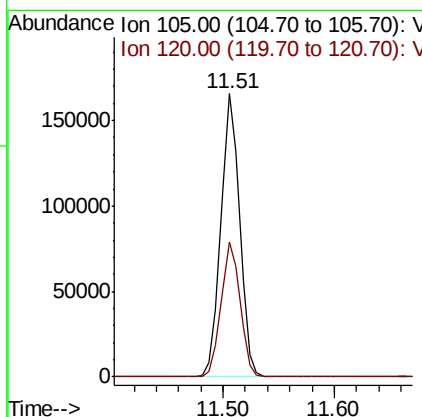
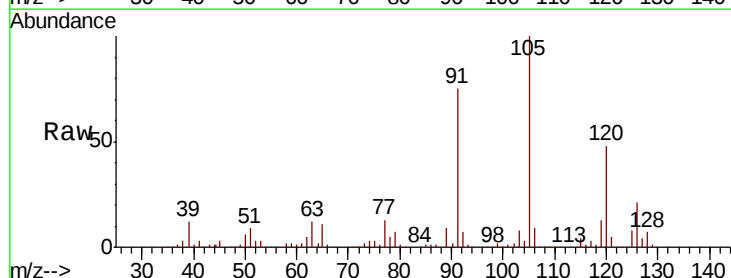
Instrument :
 MSVOA_X
 ClientSampled :

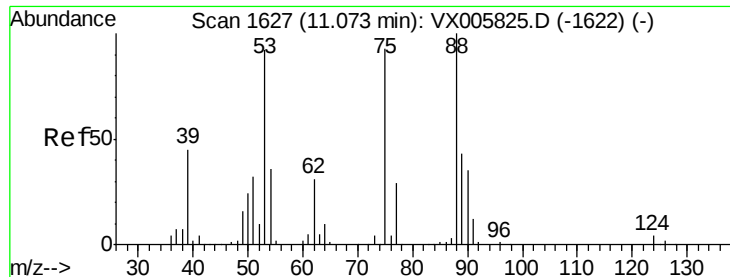
Tot Ion: 91 Resp: 154752
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 54.156 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Tgt Ion: 105 Resp: 193952
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 45.037 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampleId :

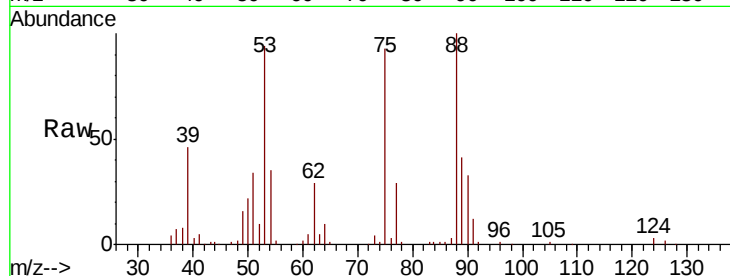
Tot Ion: 75 Resp: 20969

Ion Ratio Lower Upper

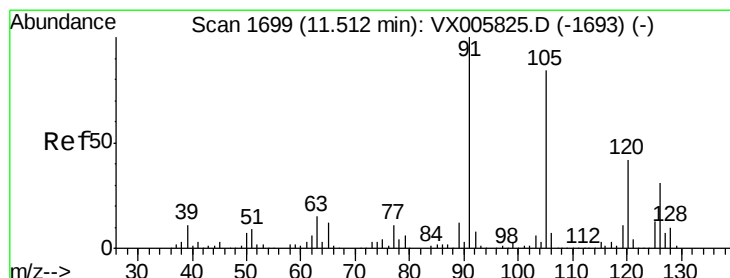
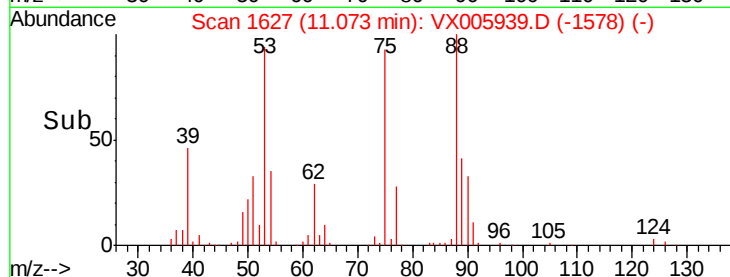
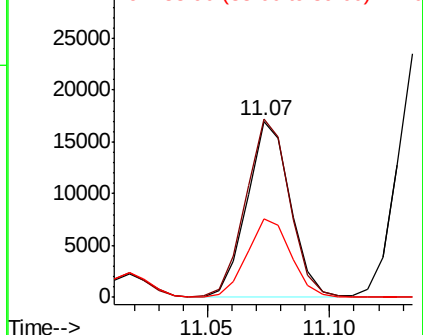
75 100

53 102.8 80.2 120.2

89 45.4 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 52.352 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005939.D

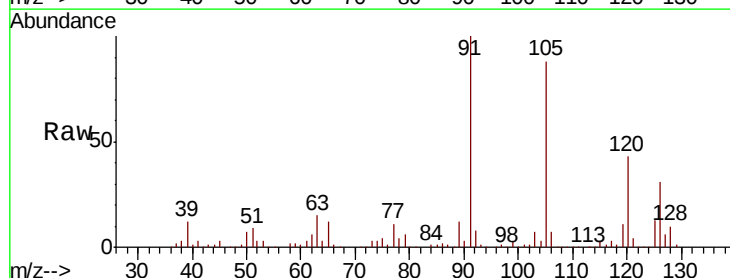
Acq: 13 Nov 2018 09:18

Tgt Ion: 91 Resp: 185226

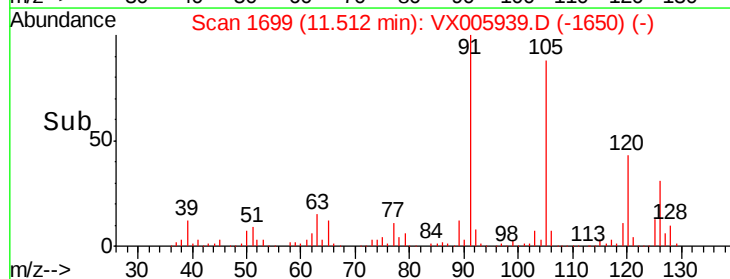
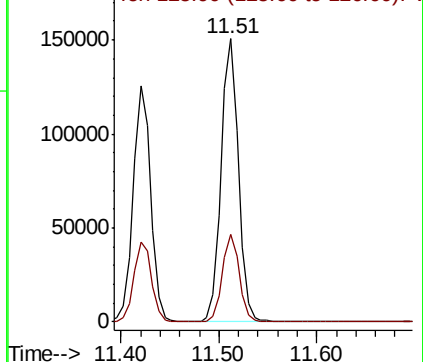
Ion Ratio Lower Upper

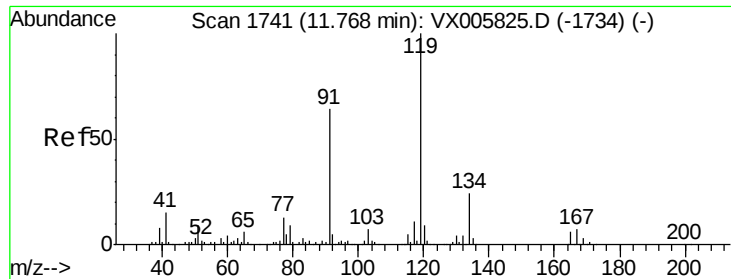
91 100

126 30.3 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 51.923 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampleId :

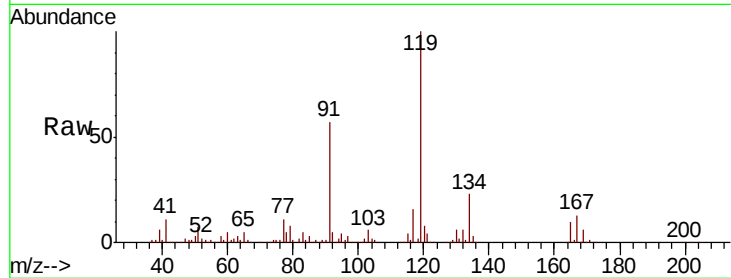
Tot Ion:119 Resp: 188126

Ion Ratio Lower Upper

119 100

91 58.6 28.5 85.5

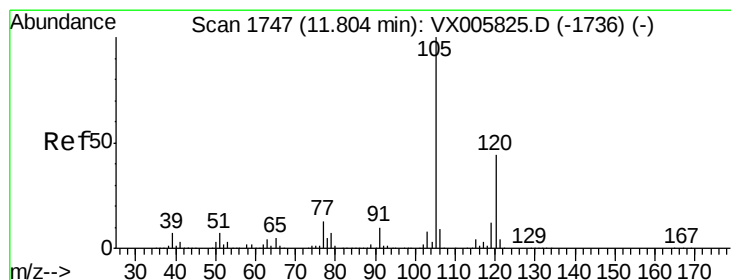
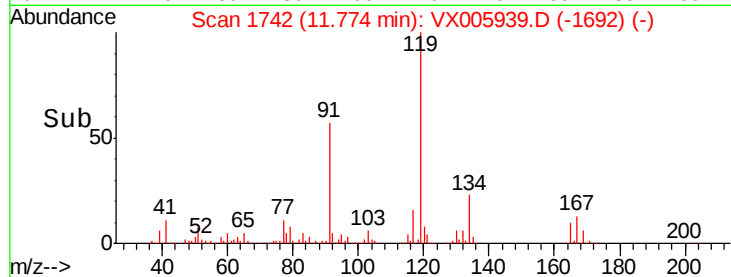
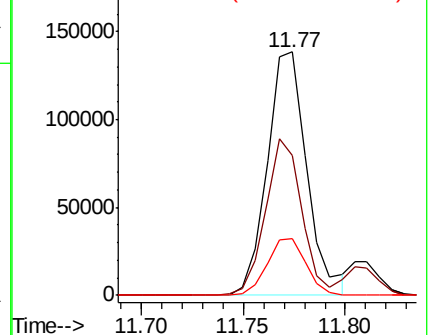
134 22.7 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.093 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX005939.D

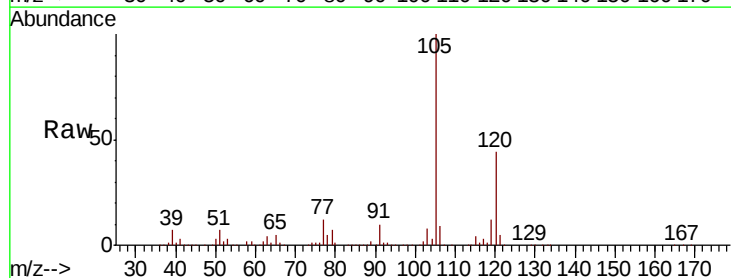
Acq: 13 Nov 2018 09:18

Tgt Ion:105 Resp: 201925

Ion Ratio Lower Upper

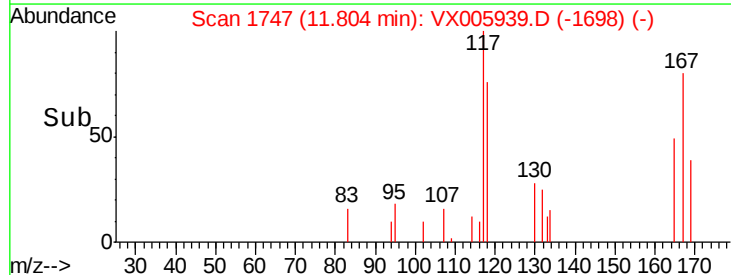
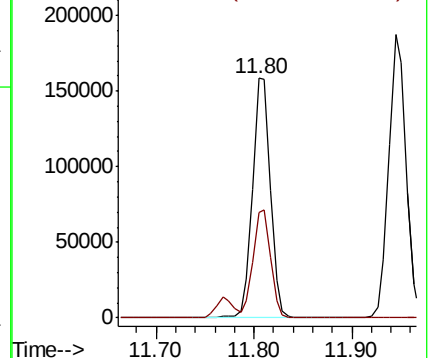
105 100

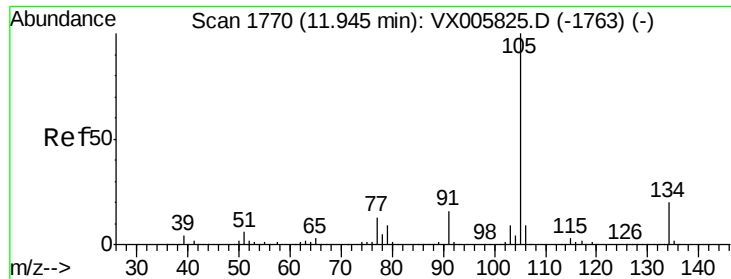
120 44.0 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.786 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

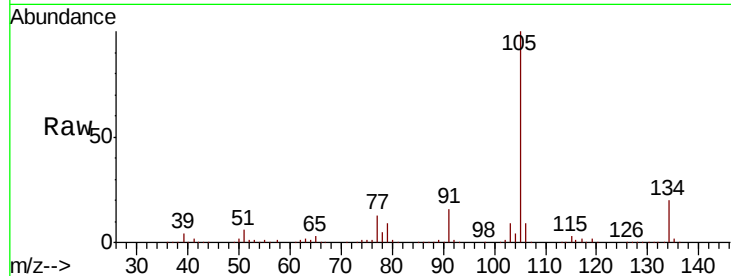
ClientSampleId :

Tot Ion:105 Resp: 229442

Ion Ratio Lower Upper

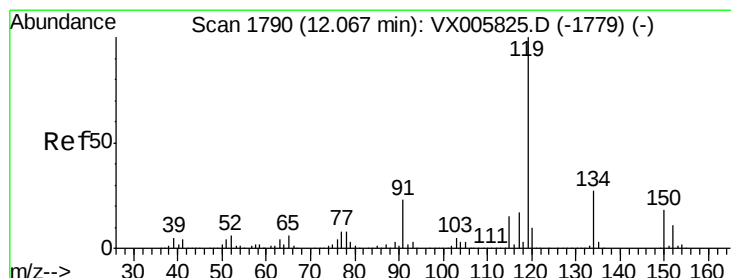
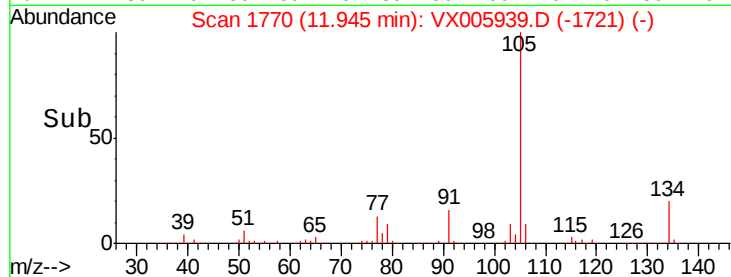
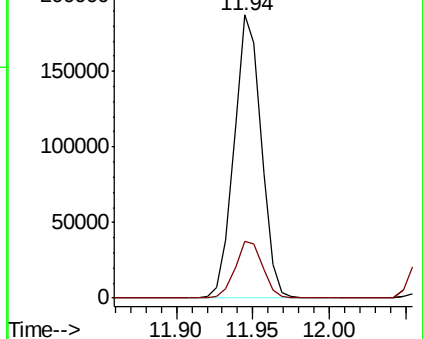
105 100

134 20.3 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.982 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

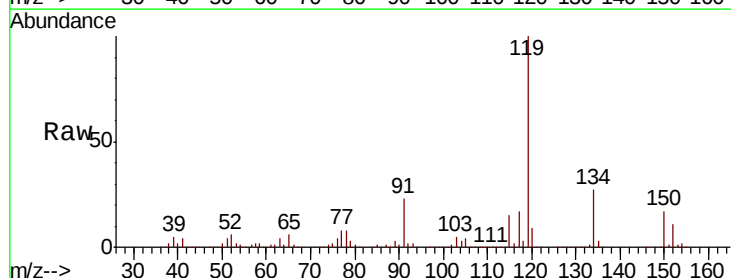
Tgt Ion:119 Resp: 207930

Ion Ratio Lower Upper

119 100

134 26.6 13.0 39.0

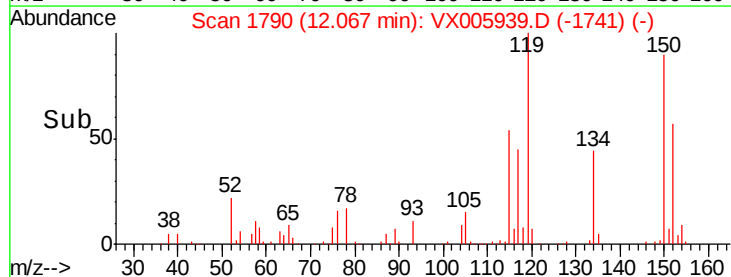
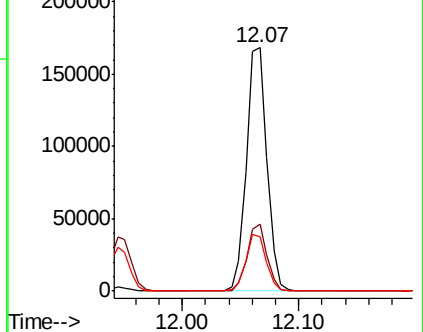
91 23.3 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

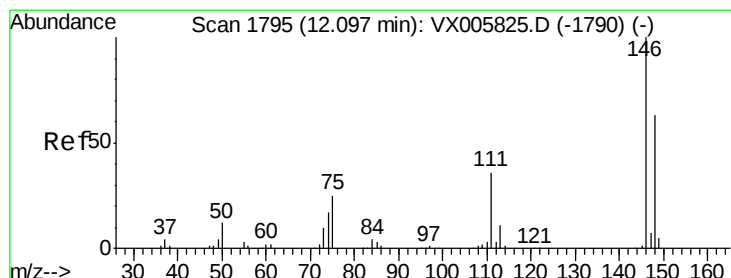
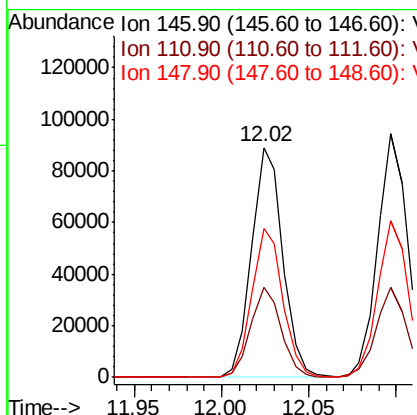
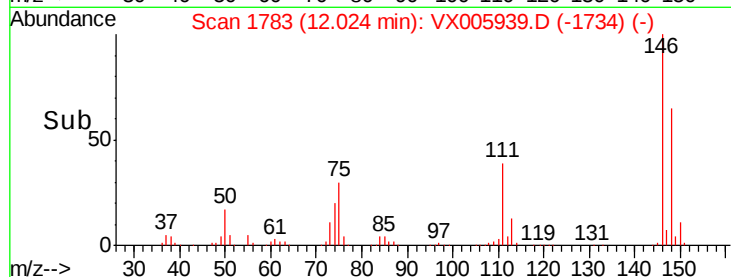
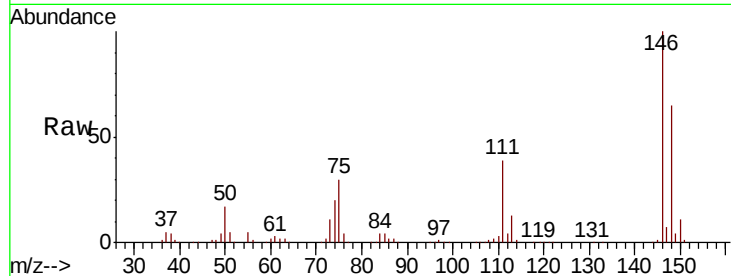




#87
 1,3-Dichlorobenzene
 Concen: 48.415 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

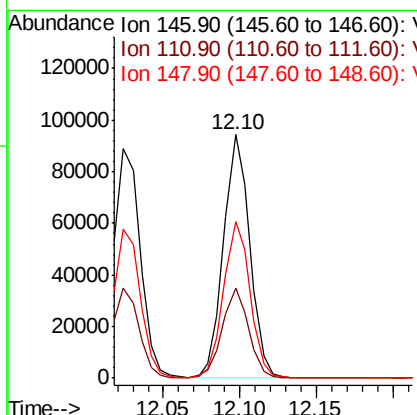
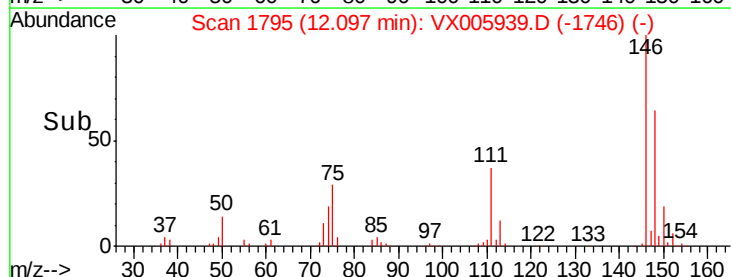
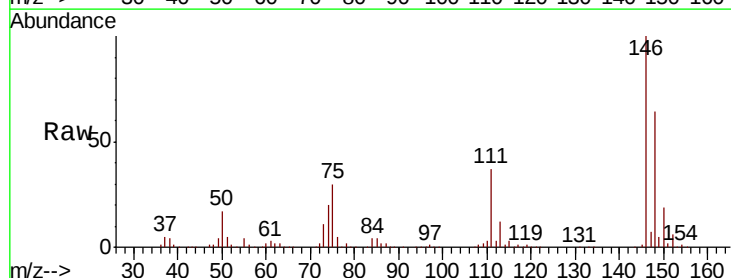
Instrument :
 MSVOA_X
 ClientSampleId :

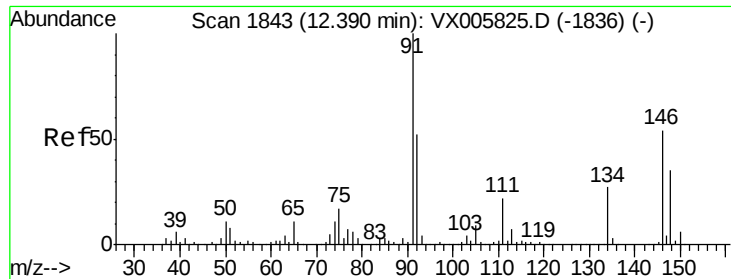
Tot Ion:146 Resp: 110372
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.0 57.0
 148 64.3 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 48.288 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Tgt Ion:146 Resp: 112691
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 55.8
 148 65.2 32.1 96.3

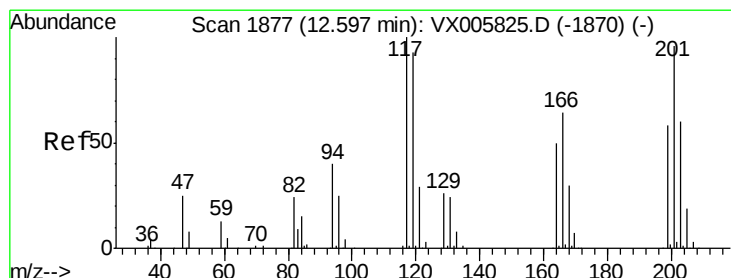
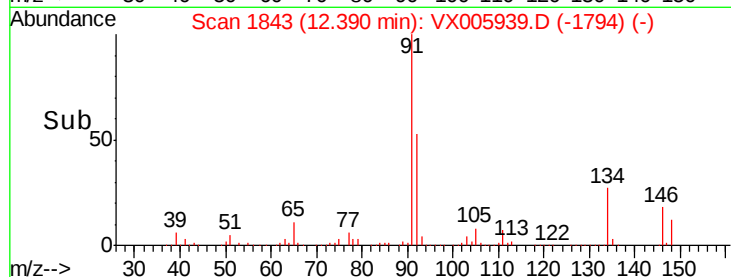
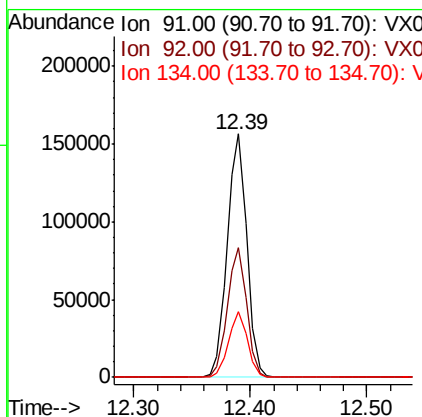
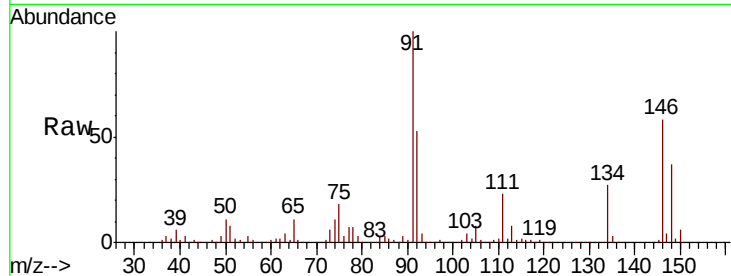




#89
n-Butylbenzene
Concen: 50.227 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

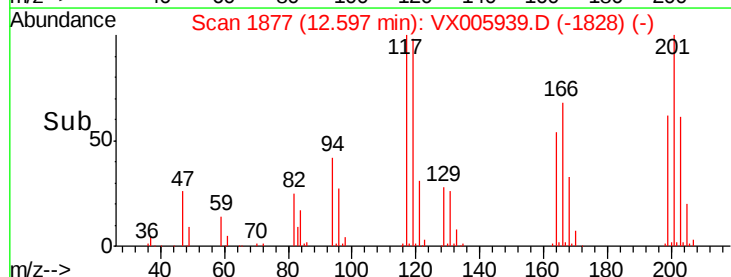
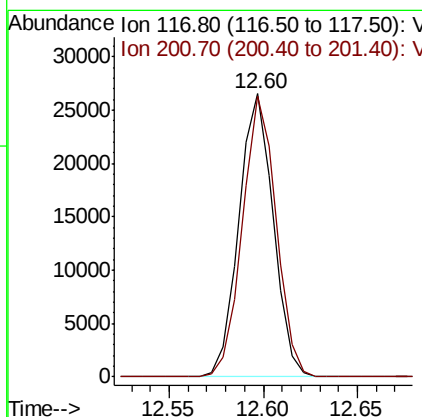
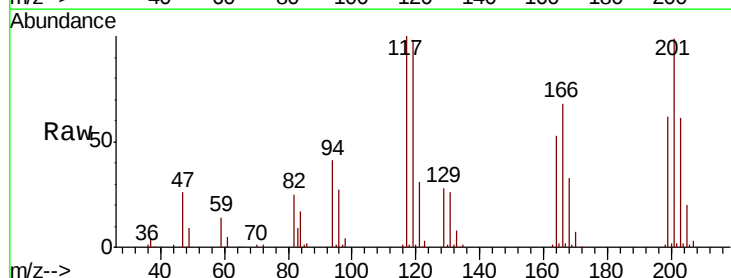
Instrument :
MSVOA_X
ClientSampled :

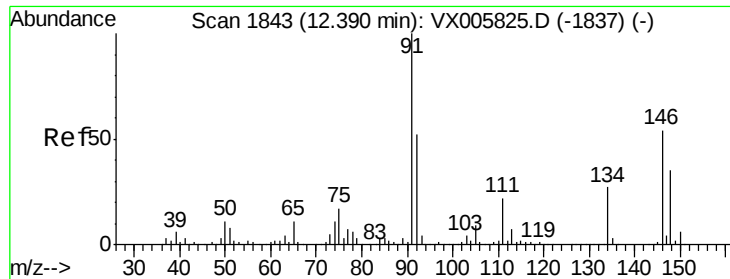
Tot Ion: 91 Resp: 182688
Ion Ratio Lower Upper
91 100
92 52.2 26.1 78.2
134 26.1 13.1 39.3



#90
Hexachloroethane
Concen: 51.108 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion: 117 Resp: 33487
Ion Ratio Lower Upper
117 100
201 97.8 47.9 143.6

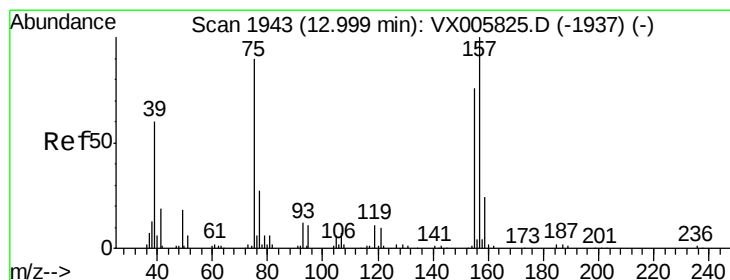
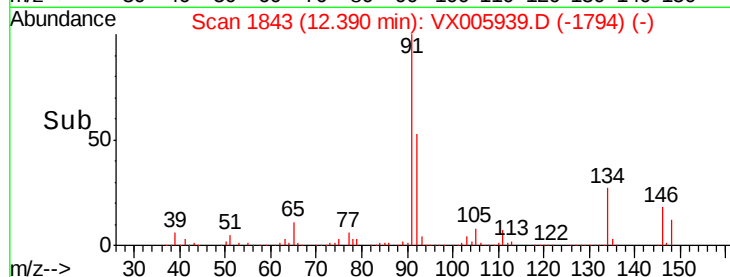
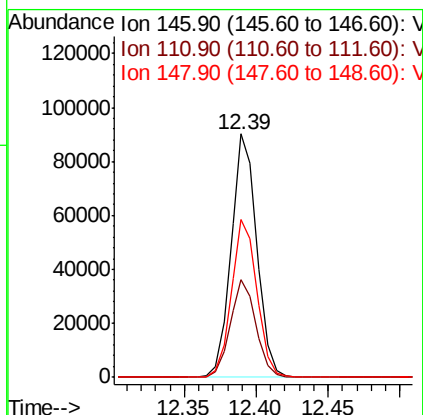
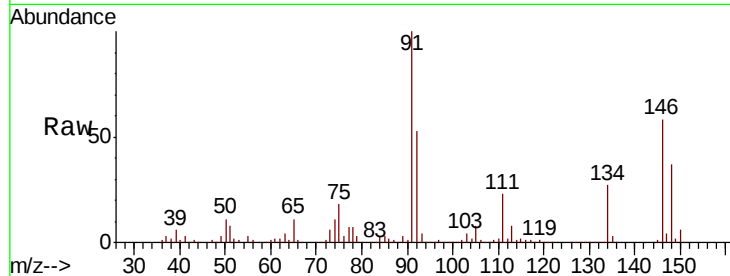




#91
 1,2-Dichlorobenzene
 Concen: 49.311 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

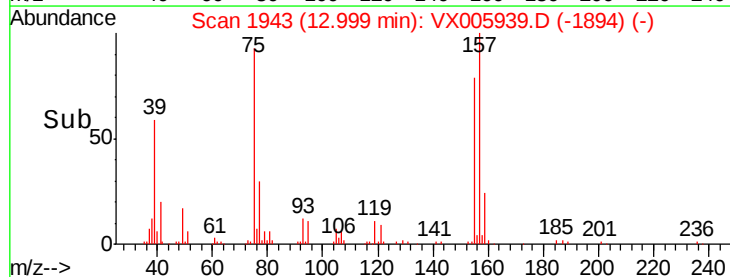
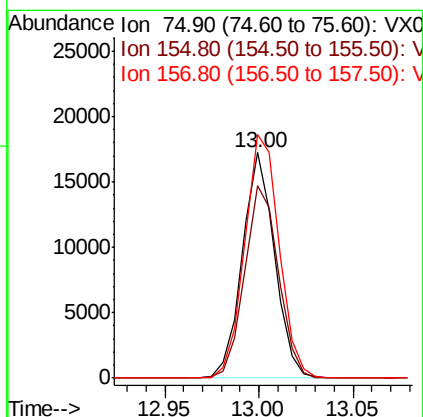
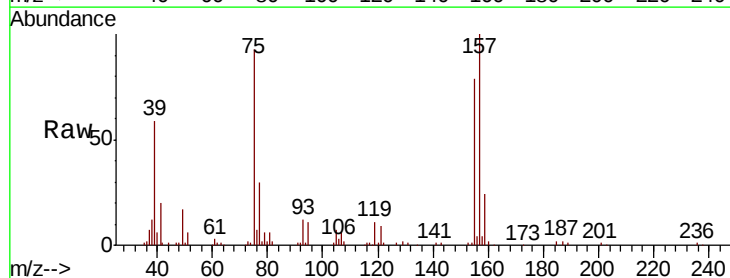
Instrument :
 MSVOA_X
 ClientSampleId :

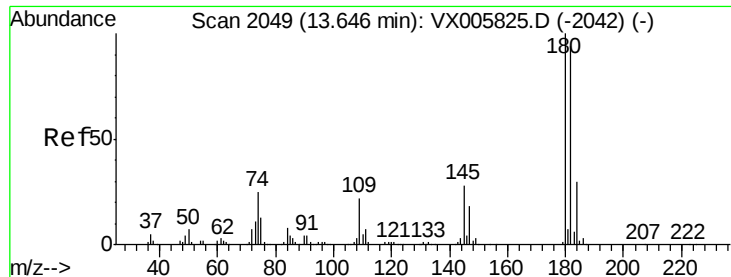
Tot Ion:146 Resp: 112614
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 59.9
 148 64.2 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.170 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Tgt Ion: 75 Resp: 20448
 Ion Ratio Lower Upper
 75 100
 155 89.5 45.4 136.1
 157 115.4 57.4 172.0

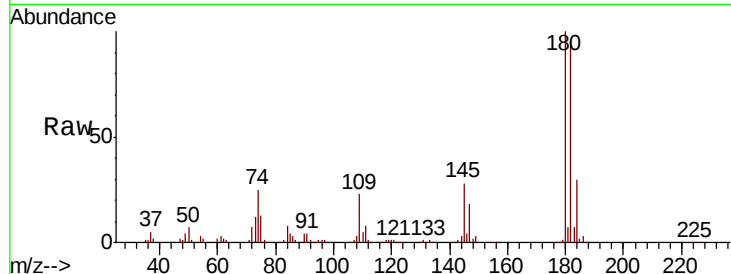




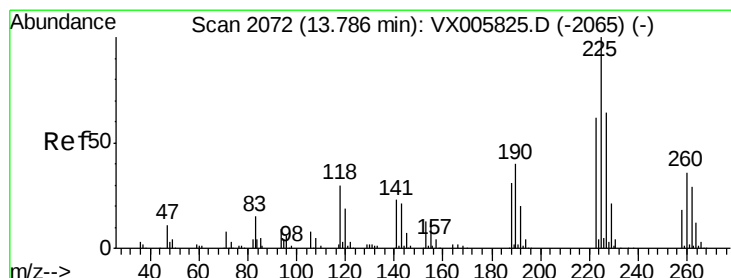
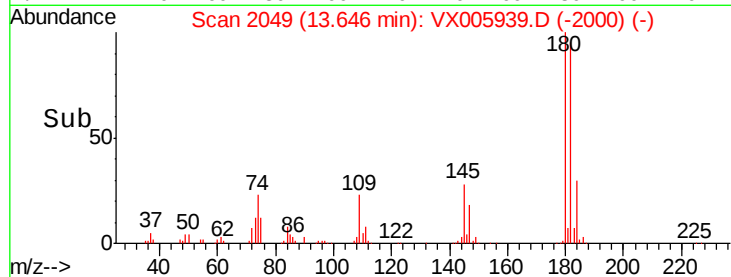
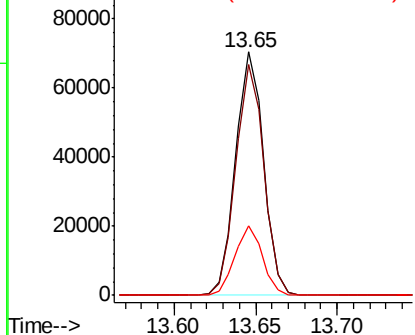
#93
 1,2,4-Trichlorobenzene
 Concen: 52.187 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 83901
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.6 142.8
 145 28.0 14.1 42.2

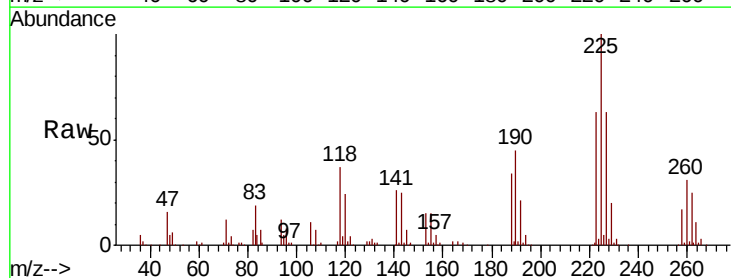


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

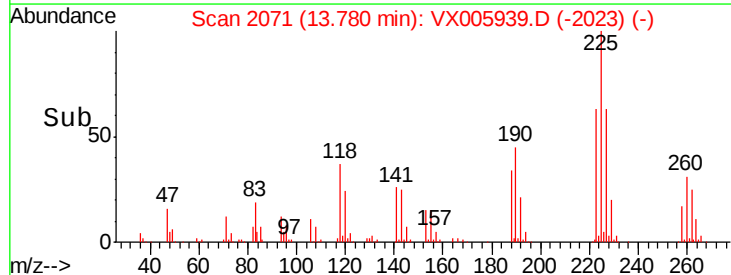
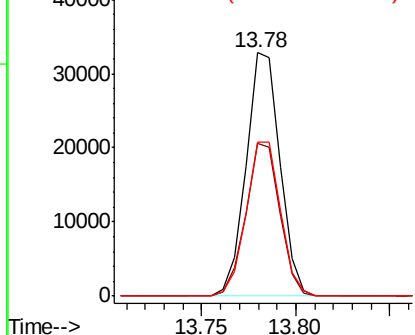


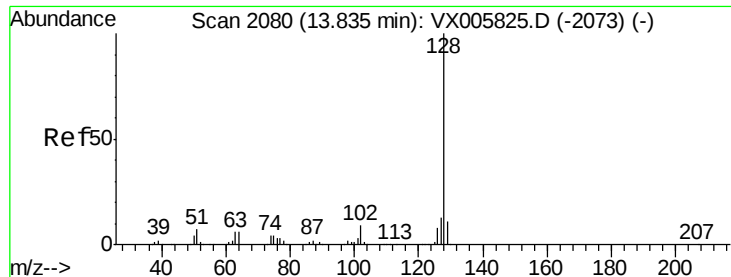
#94
 Hexachlorobutadiene
 Concen: 48.628 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Tgt Ion:225 Resp: 41067
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.7 95.1
 227 64.2 32.3 96.9



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

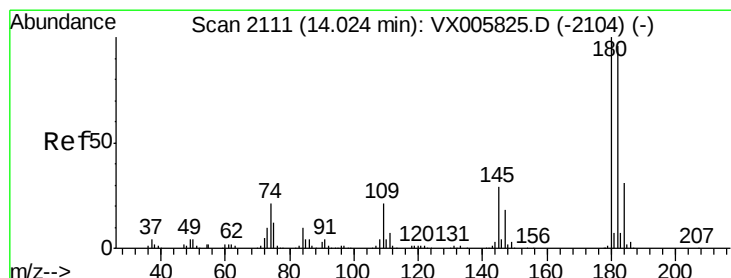
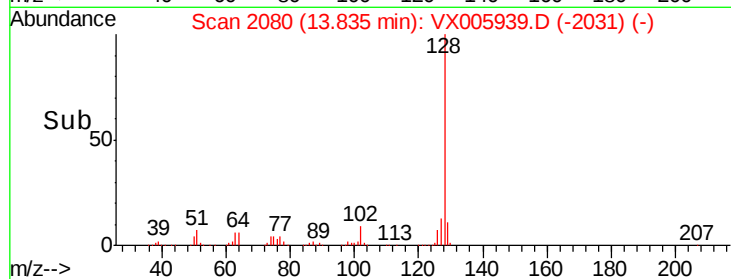
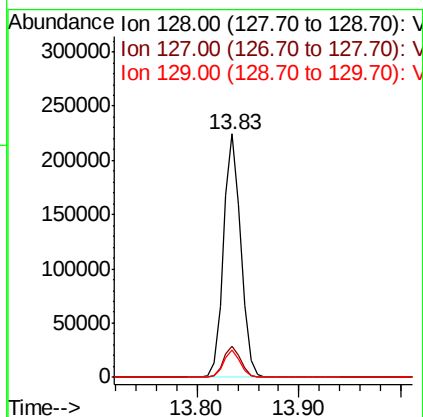
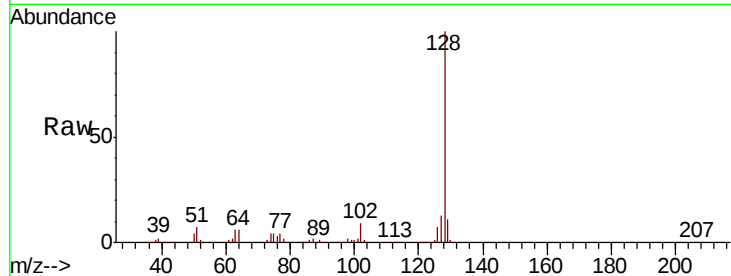




#95
Naphthalene
Concen: 50.219 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 263329
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.692 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion:180 Resp: 86303
Ion Ratio Lower Upper
180 100
182 95.4 48.0 144.2
145 30.0 15.1 45.3

