

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003236.D
 Acq On : 07 Jul 2018 02:00
 Operator : JC/MD
 Sample : VX0706WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 07 03:12:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	32363	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	296406	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	286021	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	161237	65.24	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	217.47%#
60) 4-Bromofluorobenzene	11.14	95	182339	38.60	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	128.67%
63) Toluene-d8	8.72	98	471570	37.74	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	125.80%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	45695	29.58	ug/l	97
3) Chloromethane	1.32	50	49050	29.25	ug/l	99
4) Vinyl Chloride	1.40	62	52362	28.02	ug/l	93
5) Bromomethane	1.64	94	21172	19.40	ug/l	98
6) Chloroethane	1.72	64	33190	26.41	ug/l	98
7) Trichlorofluoromethane	1.93	101	85587	25.77	ug/l	99
8) Diethyl Ether	2.19	74	32251	27.24	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	50035	26.32	ug/l	97
10) 1,1-Dichloroethene	2.37	96	45696	27.31	ug/l	92
11) Methyl Iodide	2.51	142	40934	21.24	ug/l	95
12) Methyl Acetate	2.78	43	73025	26.90	ug/l	96
13) Acrolein	2.29	56	31782	164.63	ug/l	100
14) Acrylonitrile	3.15	53	142908	139.94	ug/l	100
15) Acetone	2.45	58	38769	136.59	ug/l	96
16) Carbon Disulfide	2.57	76	110529	26.38	ug/l	98
17) Allyl chloride	2.73	41	84183	25.28	ug/l	97
18) Methylene Chloride	2.86	84	57912	30.24	ug/l	96
19) trans-1,2-Dichloroethene	3.17	96	49125	27.38	ug/l	95
20) Diisopropyl ether	3.88	45	174288	28.09	ug/l	99
21) 1,1-Dichloroethane	3.70	63	93788	28.11	ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	59939	31.08	ug/l	80
23) tert-Butyl Alcohol	3.08	59	62567	134.95	ug/l	100
24) Methyl tert-Butyl Ether	3.21	73	164296	26.30	ug/l	95
25) Chloroform	5.22	83	104398	31.18	ug/l	98
26) Cyclohexane	5.58	56	81086	28.61	ug/l #	96
29) 1,1-Dichloropropene	5.80	75	71506	17.86	ug/l	98
30) 2-Butanone	4.71	43	215831	94.23	ug/l	97
31) 2,2-Dichloropropane	4.59	77	55042	12.87	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	89346	18.48	ug/l	99
33) Carbon Tetrachloride	5.79	117	80218	18.46	ug/l	94
34) Benzene	6.15	78	222475	18.77	ug/l	98
35) Methacrylonitrile	5.07	41	46727	18.74	ug/l	93
36) 1,2-Dichloroethane	6.20	62	82572	17.74	ug/l	97
37) Trichloroethene	7.21	130	64669	18.63	ug/l	89
38) Methylcyclohexane	7.46	83	79333	16.29	ug/l	98
39) 1,2-Dichloropropane	7.52	63	57722	18.67	ug/l	96
40) Dibromomethane	7.67	93	39829	18.54	ug/l	94

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 ClientSampleId :

Quant Time: Jul 07 03:12:26 2018
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	72615	17.99	ug/l	98
42) Vinyl Acetate	3.83	43	720737	82.97	ug/l	100
43) Ethyl Acetate	4.87	43	83004	18.95	ug/l	97
44) Isopropyl Acetate	6.47	43	128679	17.53	ug/l	97
45) 1,4-Dioxane	7.76	88	28104	390.84	ug/l #	85
46) Methyl methacrylate	7.78	41	66408	17.71	ug/l	96
47) n-amyl Acetate	10.90	43	108026	15.60	ug/l #	89
48) t-1,3-Dichloropropene	8.44	75	79882	16.86	ug/l	98
49) cis-1,3-Dichloropropene	9.04	75	71390	16.13	ug/l	96
50) 1,1,2-Trichloroethane	9.22	97	60006	18.94	ug/l	96
51) Ethyl methacrylate	9.18	69	80998	16.93	ug/l	90
52) 1,3-Dichloropropane	9.38	76	96947	18.73	ug/l	100
53) Dibromochloromethane	9.59	129	60803	18.07	ug/l	99
54) 1,2-Dibromoethane	9.68	107	62364	18.67	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	189103	83.23	ug/l	99
56) Bromoform	10.86	173	46905	17.47	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	424610	87.44	ug/l	96
59) 2-Hexanone	9.50	43	323791	87.22	ug/l	97
61) Tetrachloroethene	9.34	164	78698	20.05	ug/l	98
62) Toluene	8.79	91	245683	17.82	ug/l	99
64) Chlorobenzene	10.14	112	164684	17.98	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	61070	18.19	ug/l	99
66) Ethyl Benzene	10.26	91	263353	16.96	ug/l	99
67) m/p-Xylenes	10.36	106	206135	34.16	ug/l	99
68) o-Xylene	10.70	106	101914	17.34	ug/l	96
69) Styrene	10.71	104	168102	17.14	ug/l	98
70) Isopropylbenzene	11.02	105	277669	17.13	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	87481	18.05	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	93456	22.25	ug/l	92
73) Bromobenzene	11.26	156	78353	17.38	ug/l	92
74) n-propylbenzene	11.36	91	310031	16.48	ug/l	98
75) 2-Chlorotoluene	11.42	91	189744	17.33	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	230419	16.74	ug/l	98
77) t-1,4-Dichloro-2-butene	11.08	75	18797	13.91	ug/l	89
78) 4-Chlorotoluene	11.51	91	216887	16.72	ug/l	97
79) tert-butylbenzene	12.07	119	243296	16.03	ug/l	98
80) 1,2,4-Trimethylbenzene	11.81	105	234404	16.68	ug/l	98
81) sec-Butylbenzene	11.95	105	271920	16.15	ug/l	99
82) p-Isopropyltoluene	12.07	119	243296	16.03	ug/l	98
83) 1,3-Dichlorobenzene	12.03	146	141940	17.11	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	142358	16.99	ug/l	100
85) n-Butylbenzene	12.39	91	191628	14.24	ug/l	98
86) Hexachloroethane	12.60	117	34634	15.05	ug/l	93
87) 1,2-Dichlorobenzene	12.40	146	145019	17.31	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	17953	16.58	ug/l	93
89) 1,2,4-Trichlorobenzene	13.65	180	100072	15.83	ug/l	99
90) Hexachlorobutadiene	13.79	225	49129	14.92	ug/l	97
91) Naphthalene	13.84	128	279820	16.69	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	103817	16.50	ug/l	99

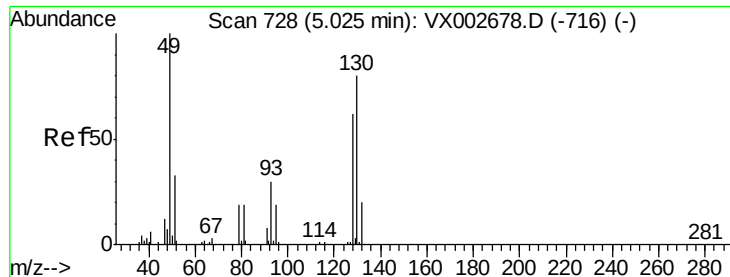
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
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ClientSampleId :

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

Instrument :

MSVOA_X

ClientSampleId :

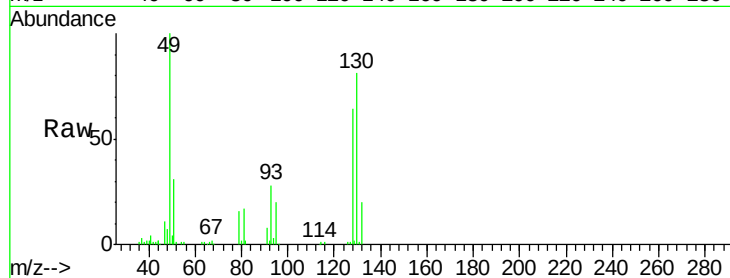
Tot Ion:128 Resp: 32363

Ion Ratio Lower Upper

128 100

49 149.7 0.0 423.0

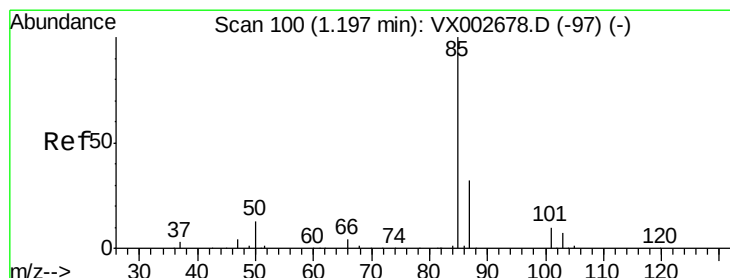
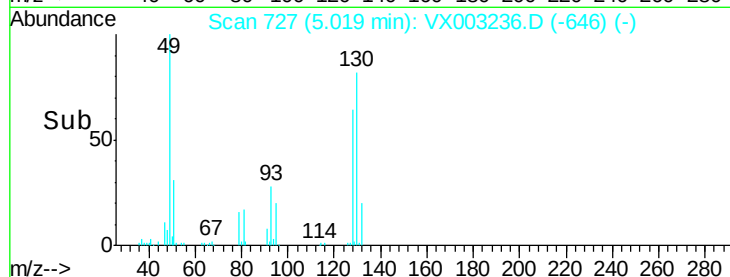
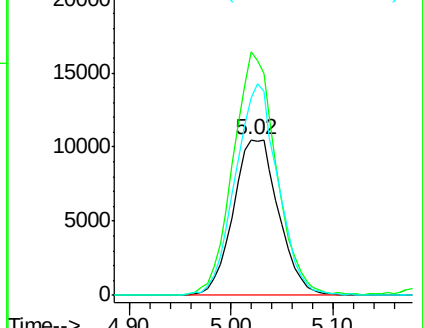
130 128.1 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 29.58 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003236.D

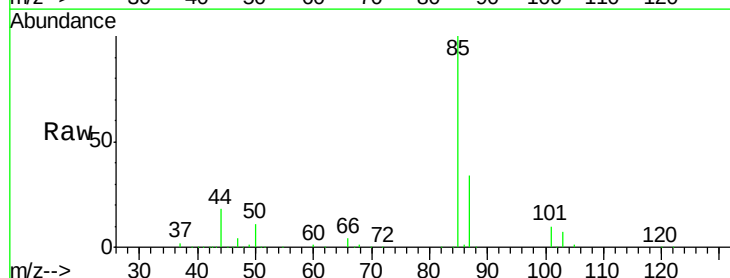
Acq: 07 Jul 2018 02:00

Tgt Ion: 85 Resp: 45695

Ion Ratio Lower Upper

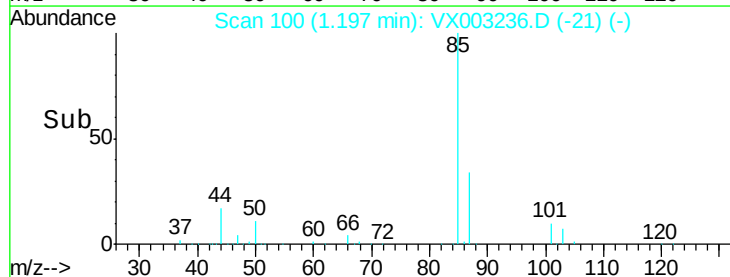
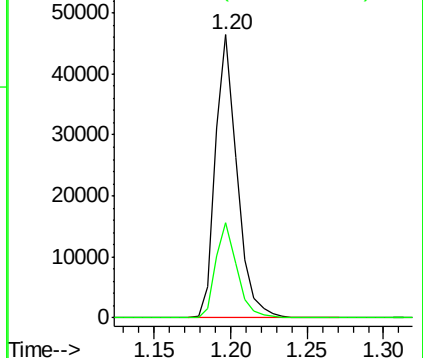
85 100

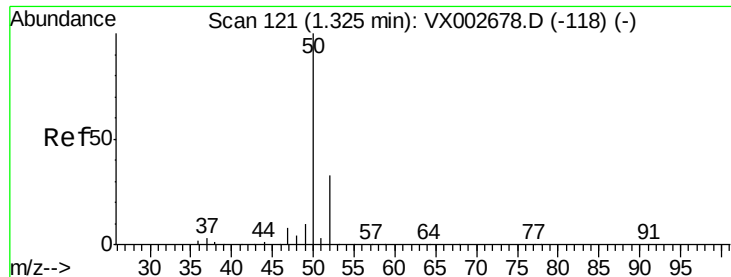
87 33.7 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 29.25 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

Instrument :

MSVOA_X

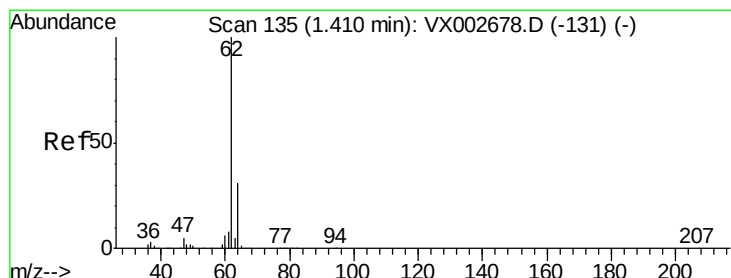
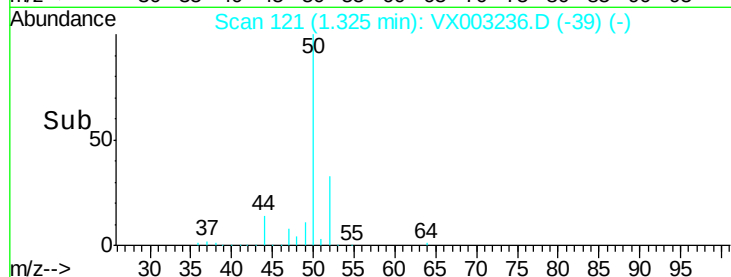
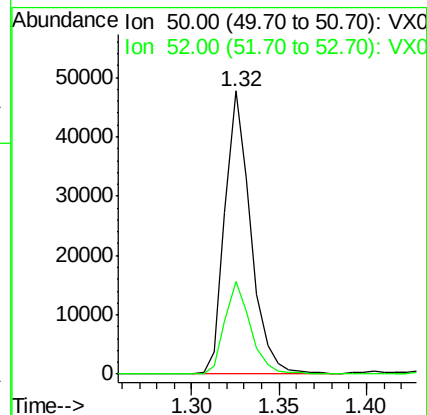
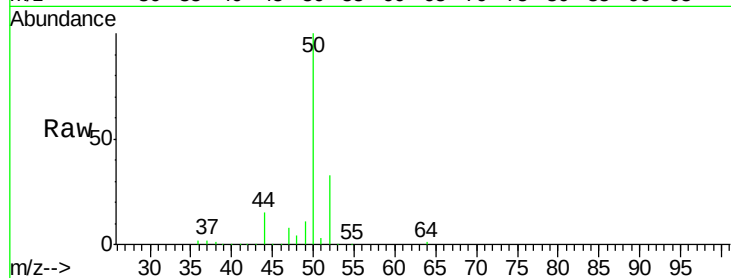
ClientSampled :

Tot Ion: 50 Resp: 49050

Ion Ratio Lower Upper

50 100

52 32.6 25.6 38.4



#4

Vinyl Chloride

Concen: 28.02 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX003236.D

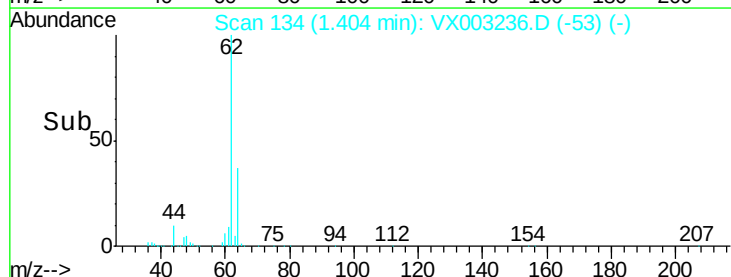
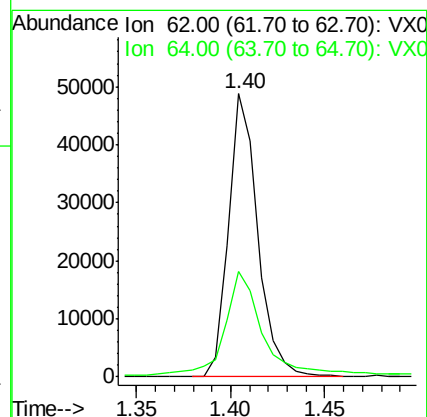
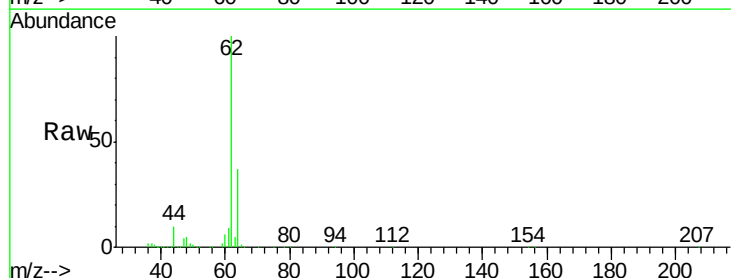
Acq: 07 Jul 2018 02:00

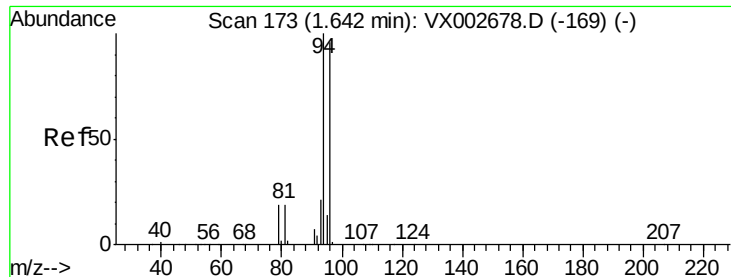
Tgt Ion: 62 Resp: 52362

Ion Ratio Lower Upper

62 100

64 35.3 25.3 37.9





#5

Bromomethane

Concen: 19.40 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

Instrument :

MSVOA_X

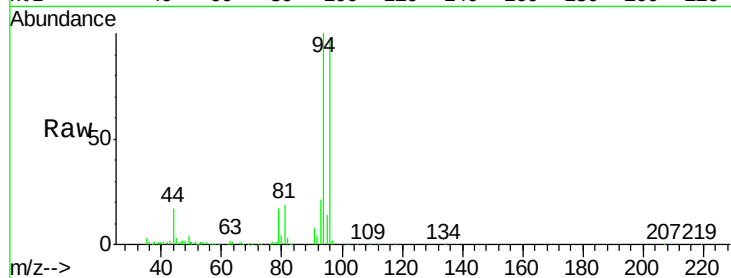
ClientSampleId :

Tot Ion: 94 Resp: 21172

Ion Ratio Lower Upper

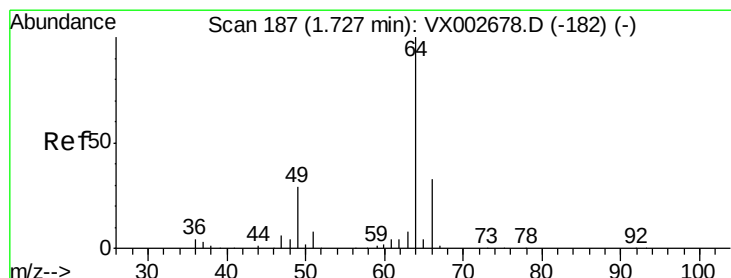
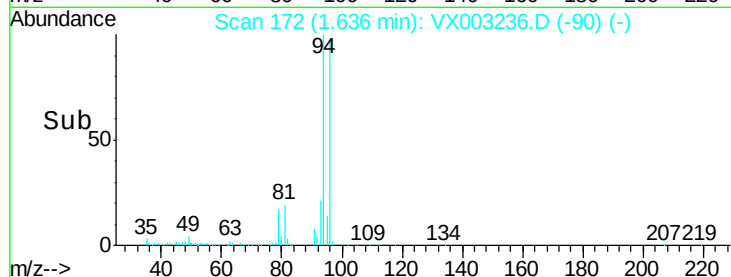
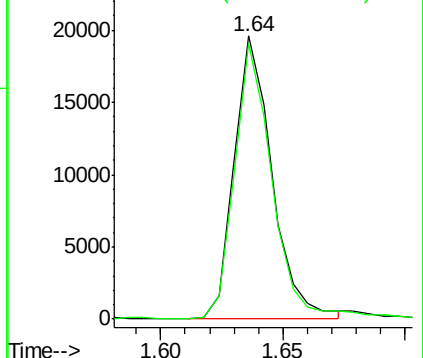
94 100

96 97.0 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 26.41 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003236.D

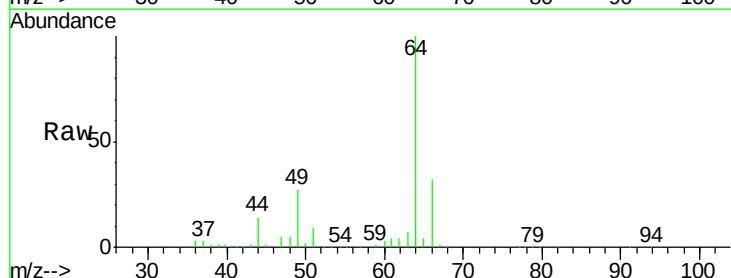
Acq: 07 Jul 2018 02:00

Tgt Ion: 64 Resp: 33190

Ion Ratio Lower Upper

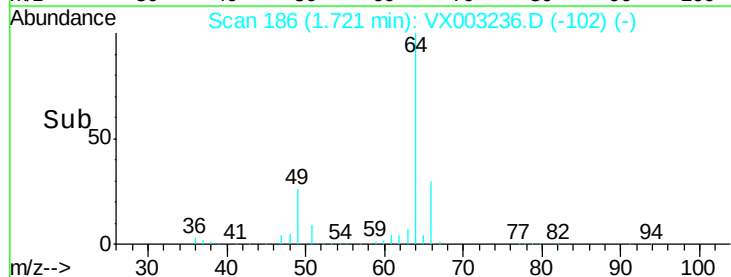
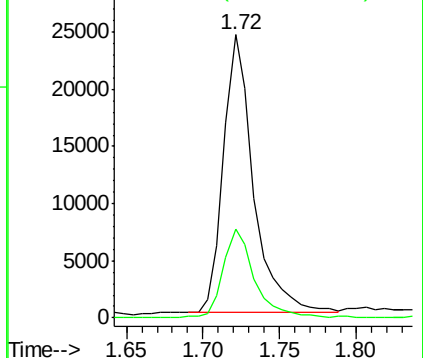
64 100

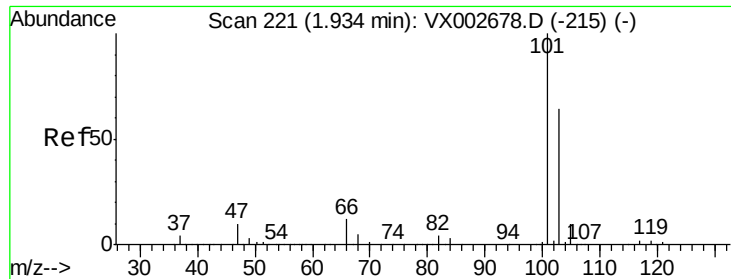
66 31.7 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

Trichlorofluoromethane

Concen: 25.77 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

Instrument :

MSVOA_X

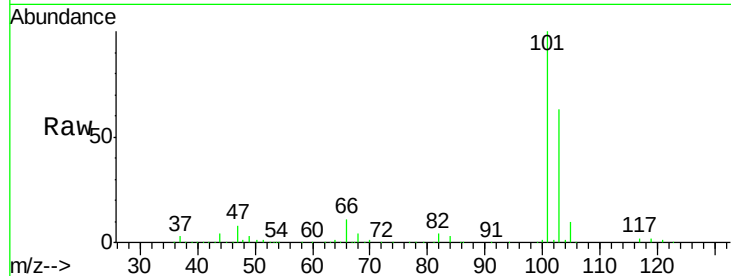
ClientSampleId :

Tot Ion:101 Resp: 85587

Ion Ratio Lower Upper

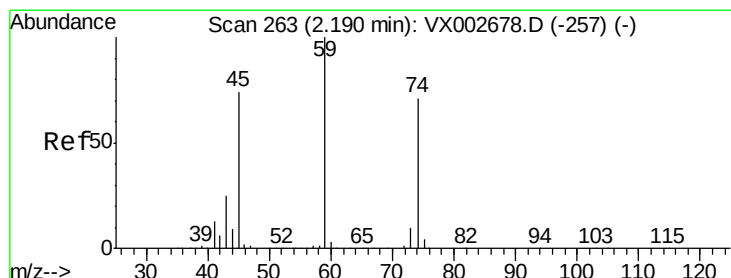
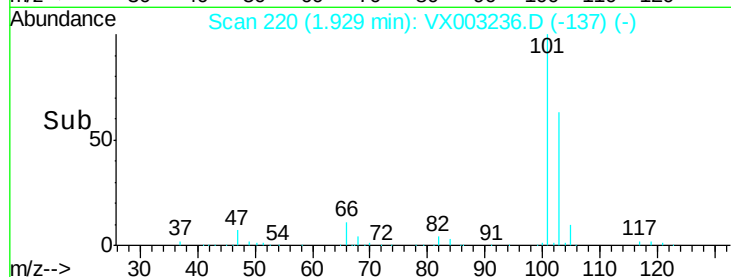
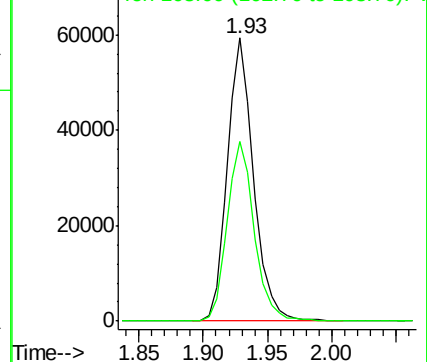
101 100

103 63.4 51.5 77.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 27.24 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003236.D

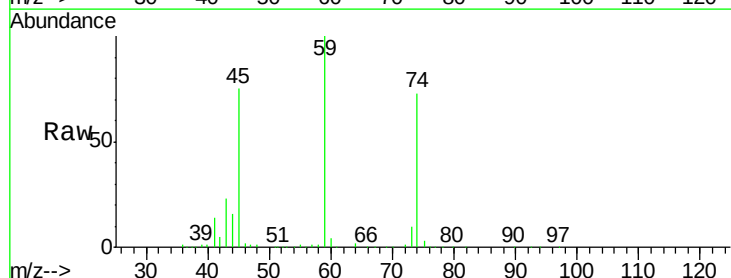
Acq: 07 Jul 2018 02:00

Tgt Ion: 74 Resp: 32251

Ion Ratio Lower Upper

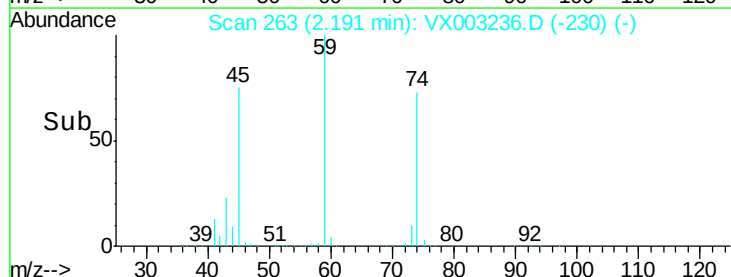
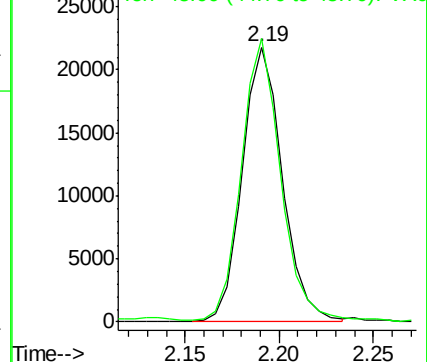
74 100

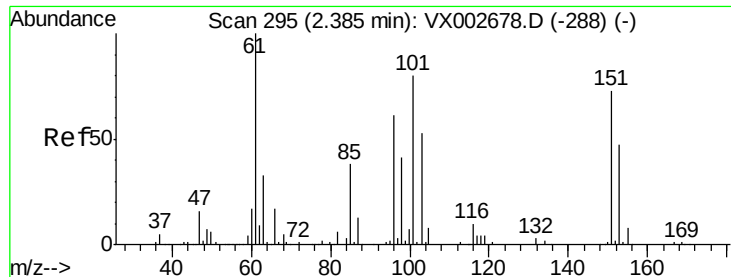
45 99.5 20.5 184.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 26.32 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

Instrument :

MSVOA_X

ClientSampleId :

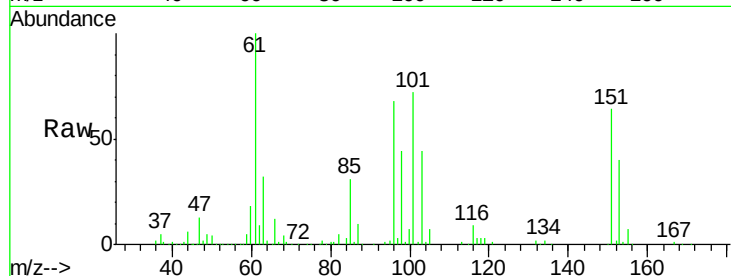
Tot Ion:101 Resp: 50035

Ion Ratio Lower Upper

101 100

85 43.4 0.0 87.0

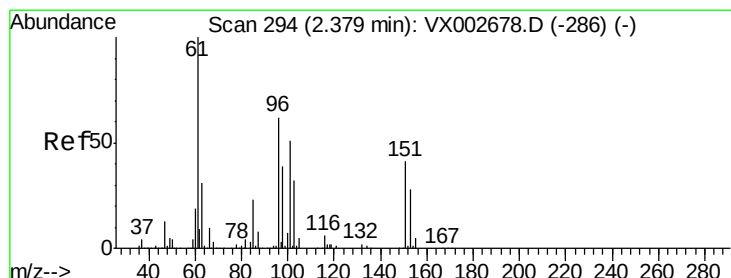
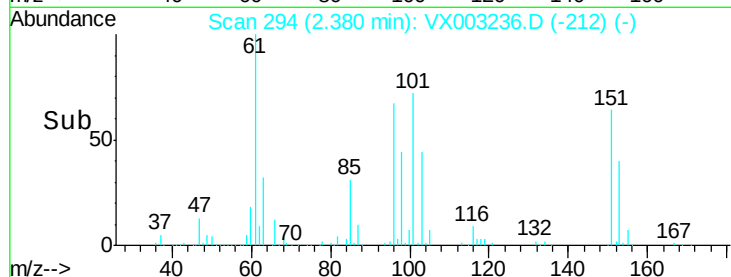
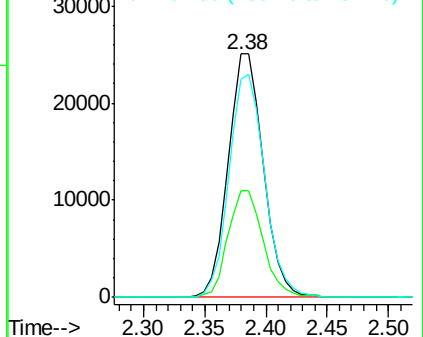
151 92.3 0.0 177.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 27.31 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.01 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

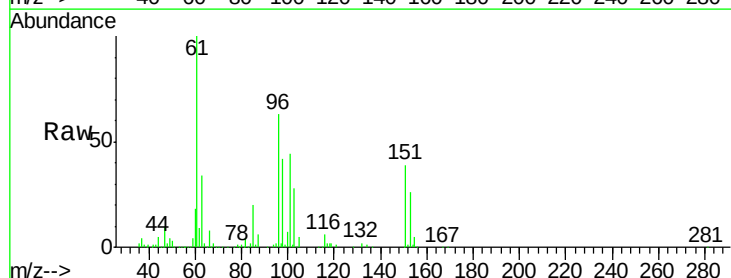
Tgt Ion: 96 Resp: 45696

Ion Ratio Lower Upper

96 100

61 158.4 137.5 206.3

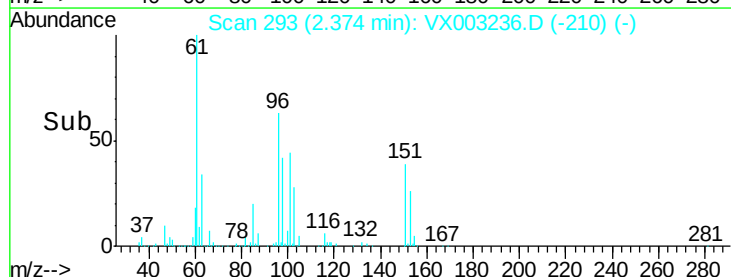
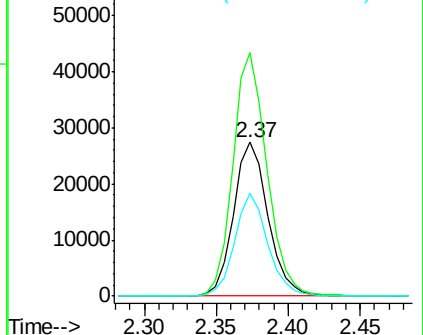
98 66.6 51.4 77.2

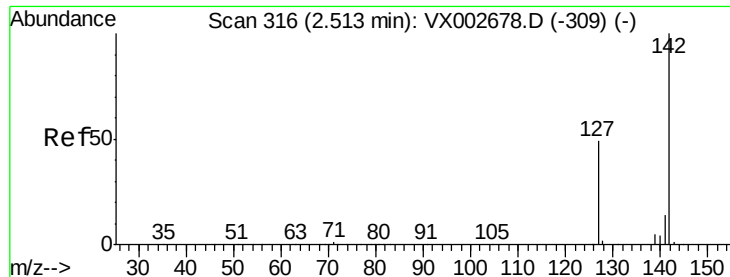


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

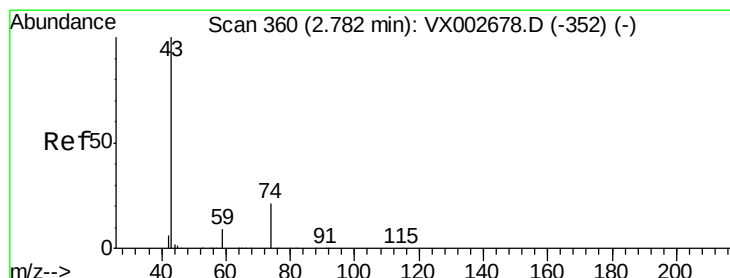
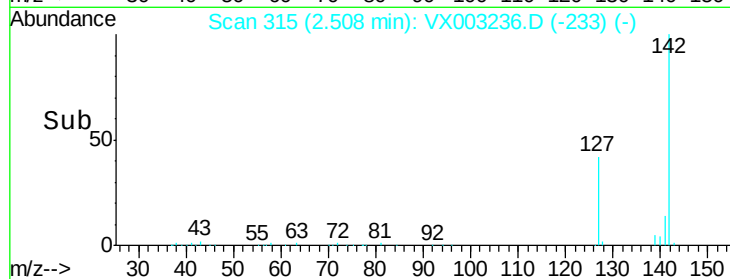
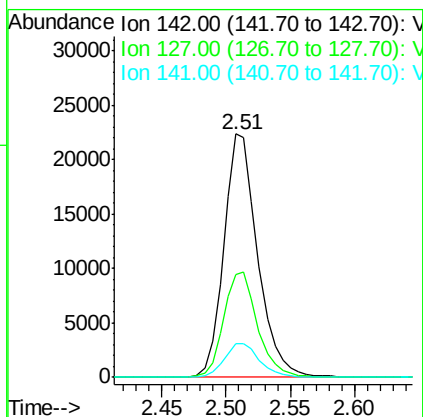
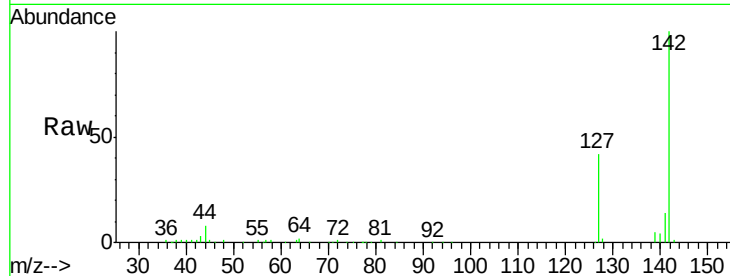




#11
Methvl Iodide
Concen: 21.24 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

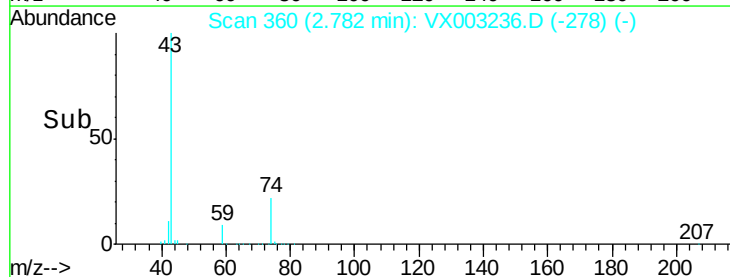
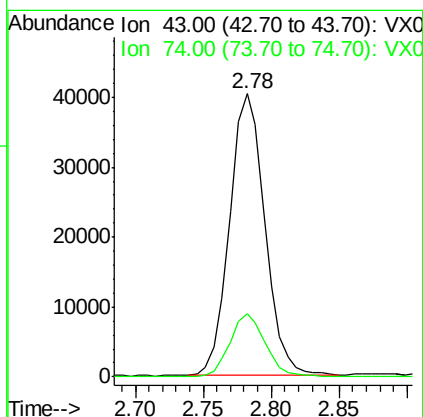
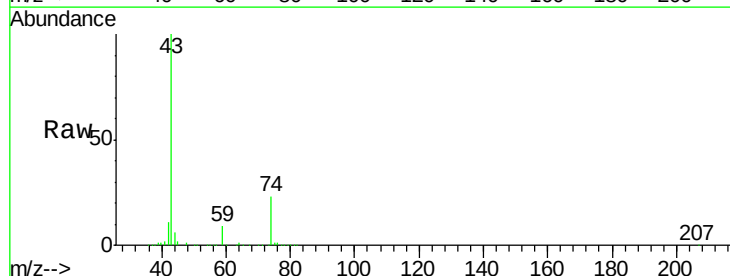
Instrument :
MSVOA_X
ClientSampleId :

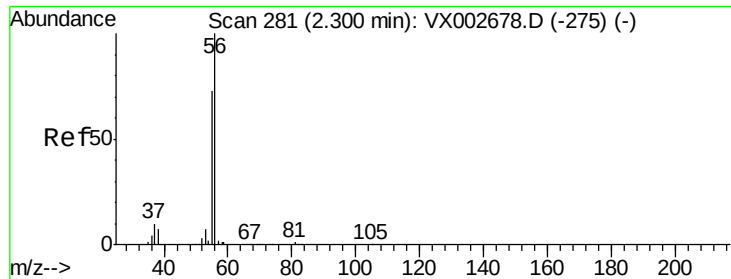
Tot Ion:142 Resp: 40934
Ion Ratio Lower Upper
142 100
127 42.2 23.2 69.6
141 13.9 7.4 22.2



#12
Methyl Acetate
Concen: 26.90 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

Tgt Ion: 43 Resp: 73025
Ion Ratio Lower Upper
43 100
74 22.4 16.4 24.6





#13

Acrolein

Concen: 164.63 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

Instrument :

MSVOA_X

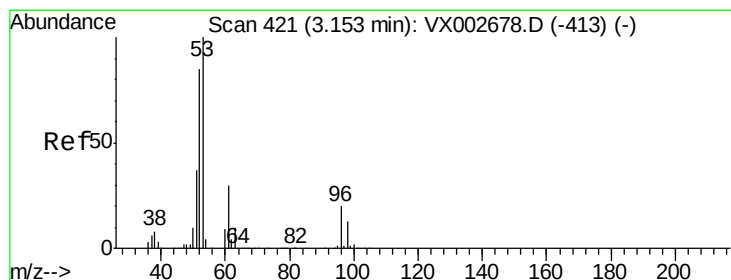
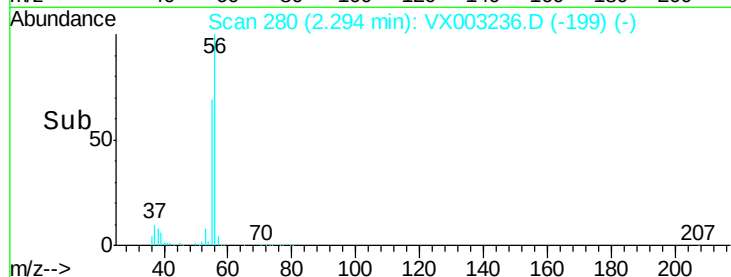
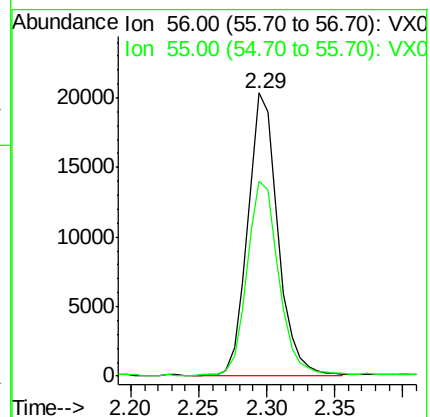
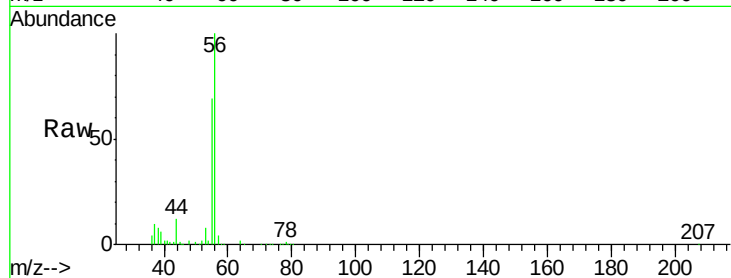
ClientSampleId :

Tot Ion: 56 Resp: 31782

Ion Ratio Lower Upper

56 100

55 71.8 57.3 85.9



#14

Acrylonitrile

Concen: 139.94 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

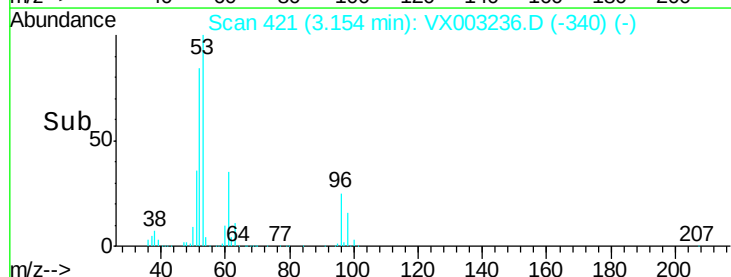
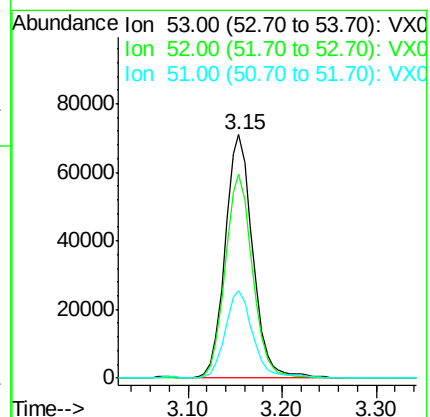
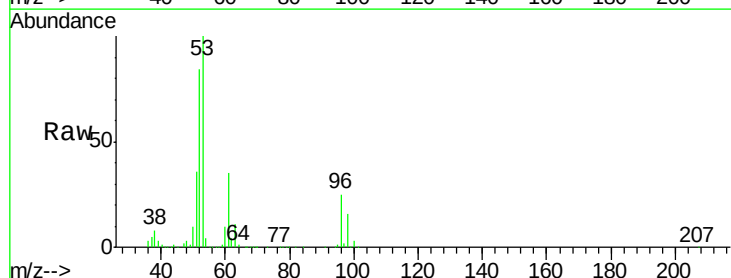
Tgt Ion: 53 Resp: 142908

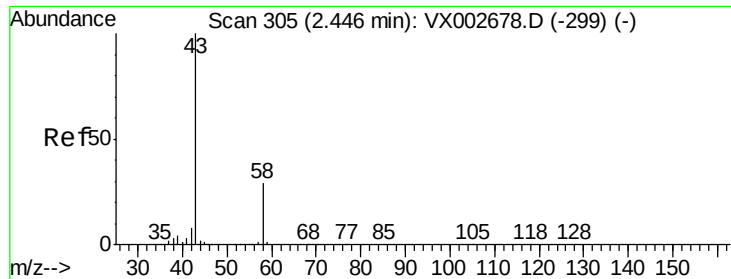
Ion Ratio Lower Upper

53 100

52 83.3 41.5 124.6

51 35.9 17.9 53.8





#15

Acetone

Concen: 136.59 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

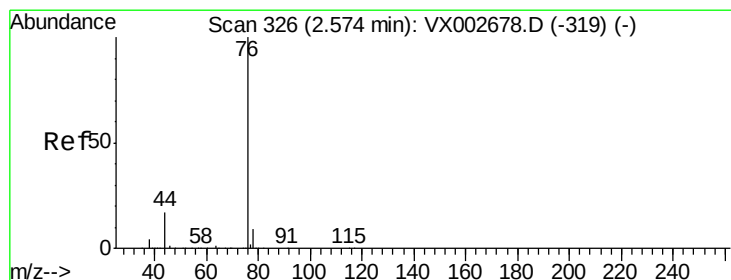
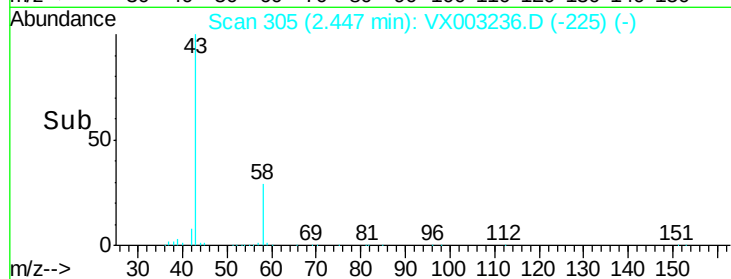
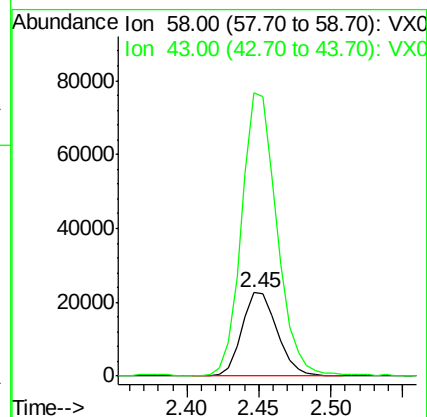
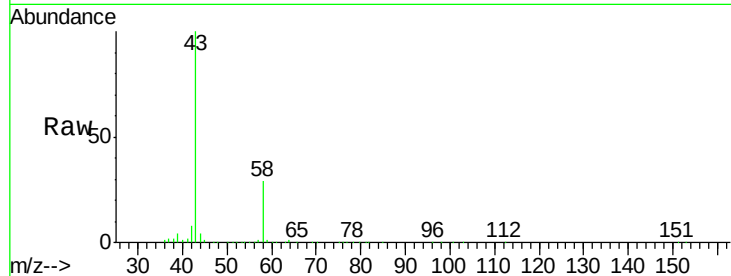
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 58 Resp: 38769

Ion Ratio Lower Upper

58 100

43 339.8 278.8 418.2



#16

Carbon Disulfide

Concen: 26.38 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003236.D

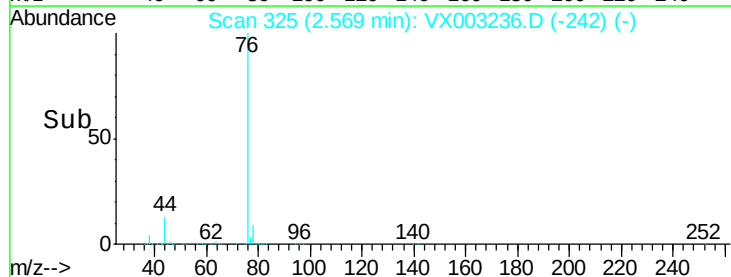
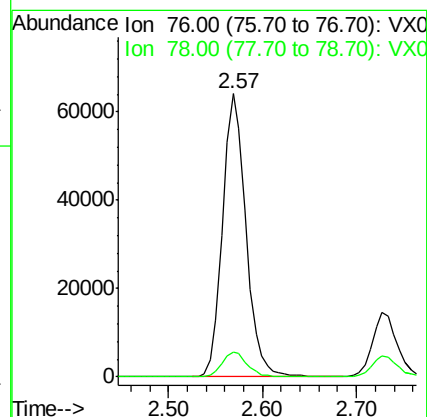
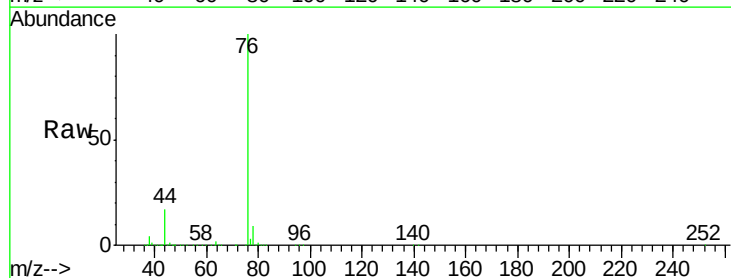
Acq: 07 Jul 2018 02:00

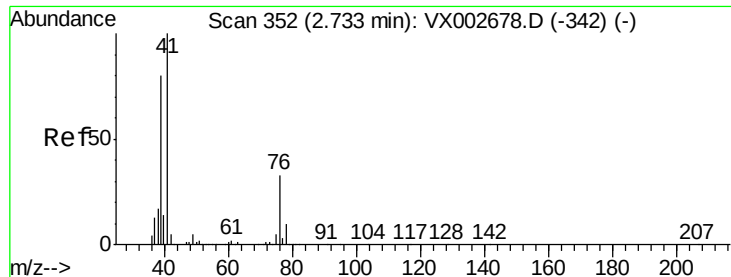
Tgt Ion: 76 Resp: 110529

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.0

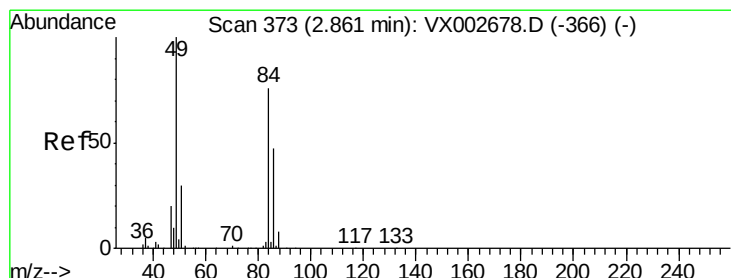
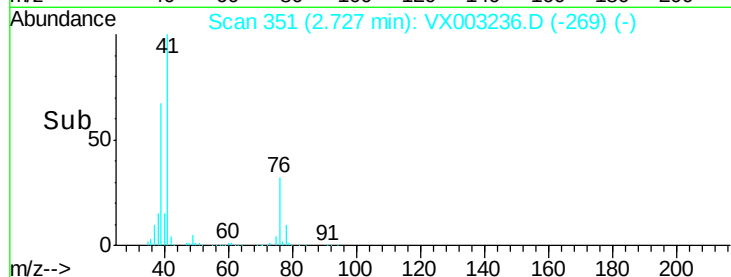
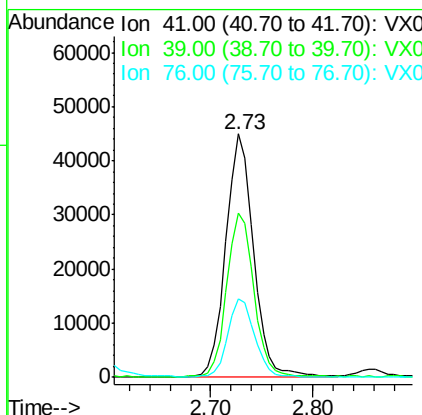
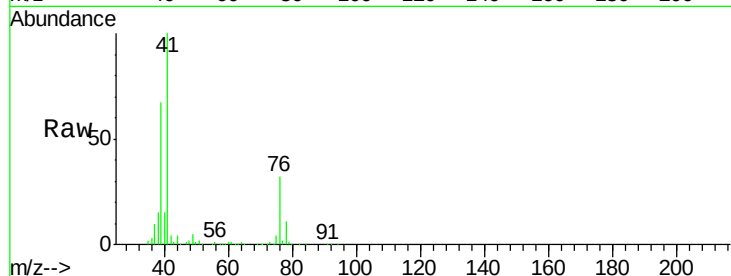




#17
Allvl chloride
Concen: 25.28 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

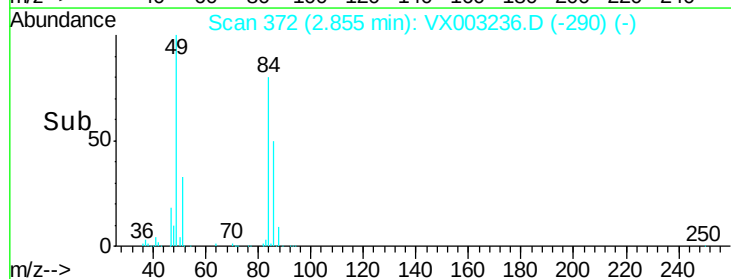
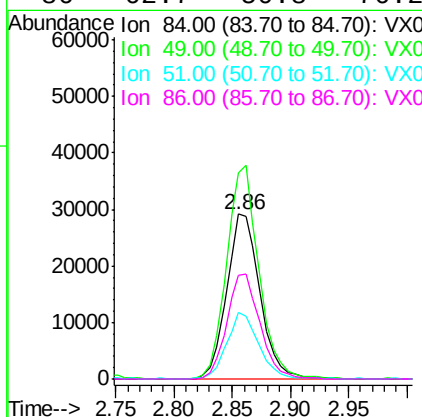
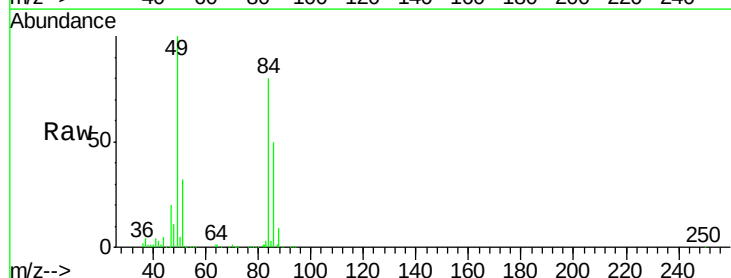
Instrument :
MSVOA_X
ClientSampleId :

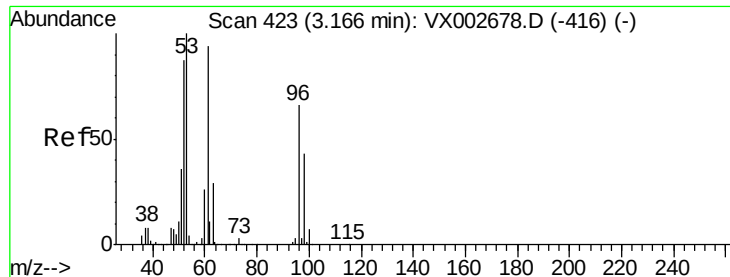
Tot Ion: 41 Resp: 84183
Ion Ratio Lower Upper
41 100
39 66.9 34.6 103.8
76 32.2 15.0 45.1



#18
Methylene Chloride
Concen: 30.24 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

Tgt Ion: 84 Resp: 57912
Ion Ratio Lower Upper
84 100
49 124.8 104.7 157.1
51 40.3 31.0 46.4
86 62.7 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 27.38 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

Instrument :
MSVOA_X
ClientSampled :

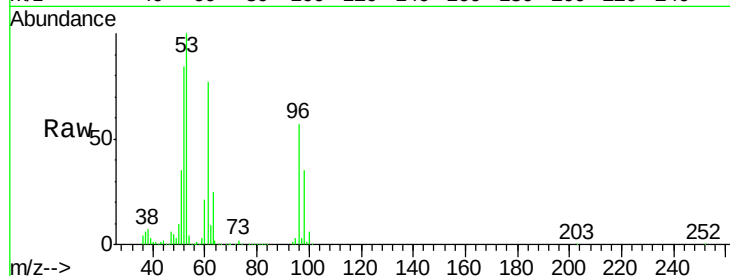
Tot Ion: 96 Resp: 49125

Ion Ratio Lower Upper

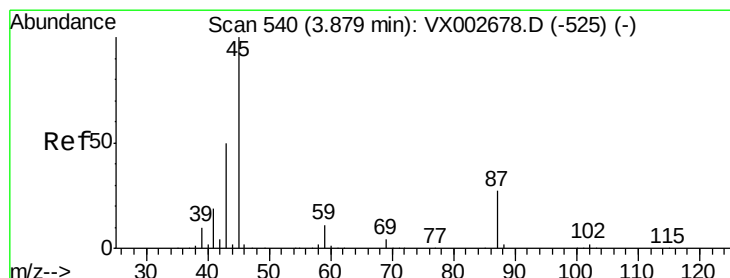
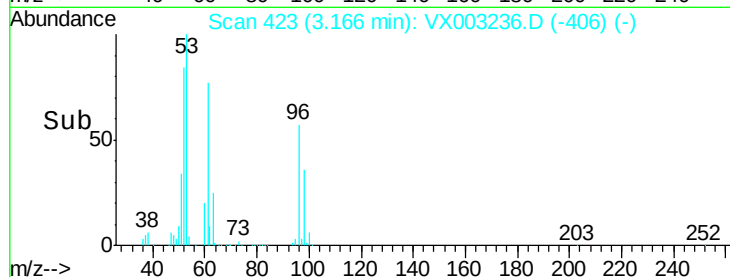
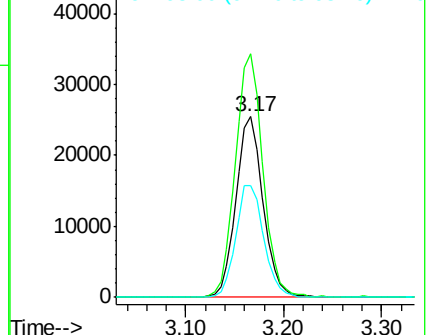
96 100

61 135.1 114.6 172.0

98 61.9 51.3 76.9



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 28.09 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

Tgt Ion: 45 Resp: 174288

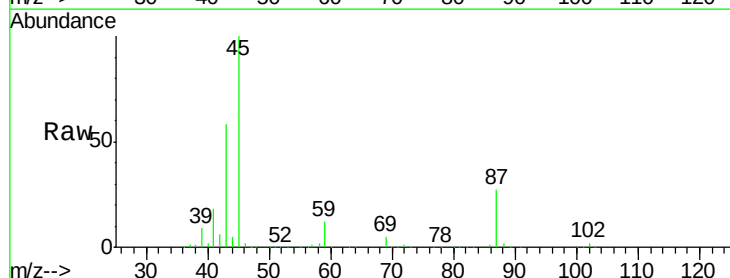
Ion Ratio Lower Upper

45 100

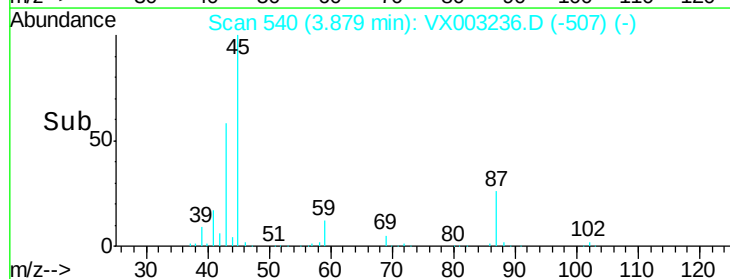
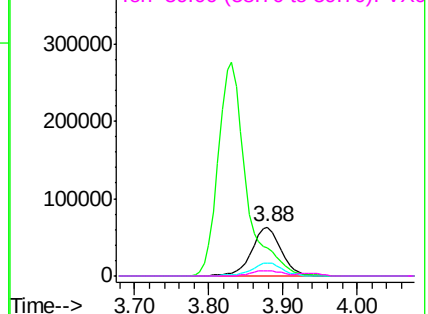
43 57.9 45.6 68.4

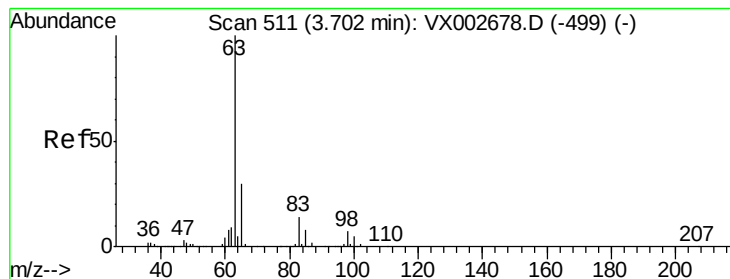
87 26.7 20.7 31.1

59 11.7 8.9 13.3



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





#21

1,1-Dichloroethane

Concen: 28.11 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

Instrument :

MSVOA_X

ClientSampled :

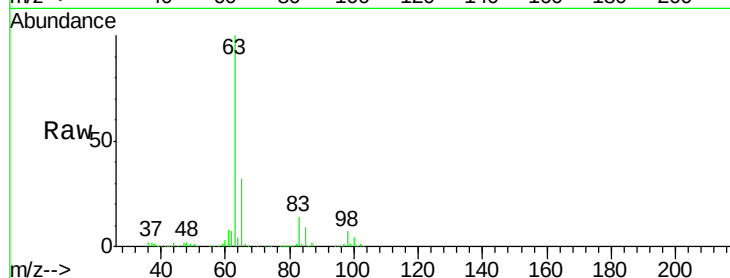
Tot Ion: 63 Resp: 93788

Ion Ratio Lower Upper

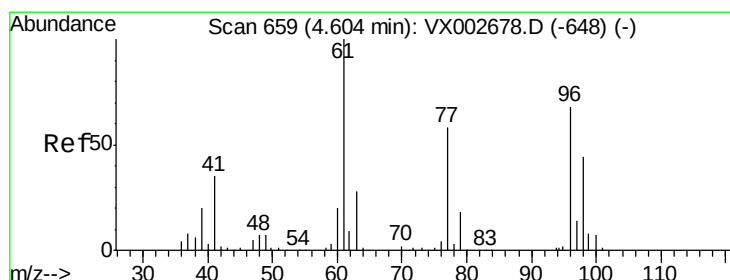
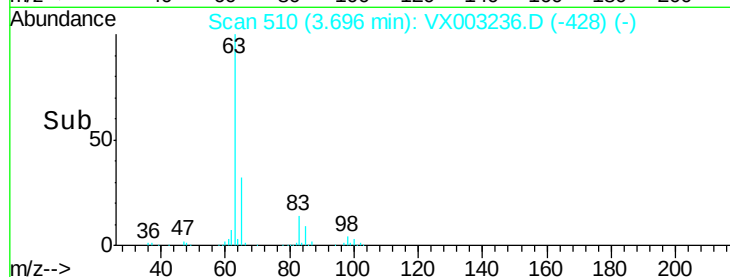
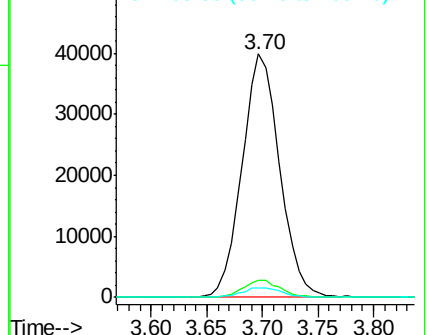
63 100

98 7.3 3.1 9.3

100 4.1 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 31.08 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

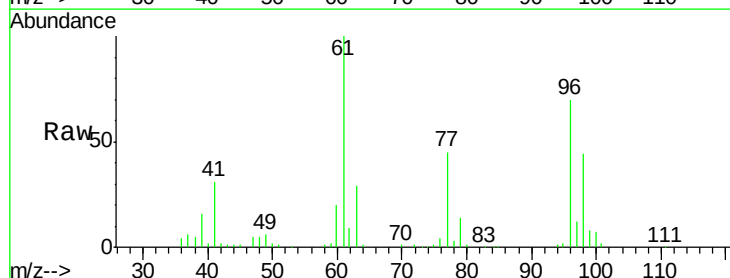
Tgt Ion: 96 Resp: 59939

Ion Ratio Lower Upper

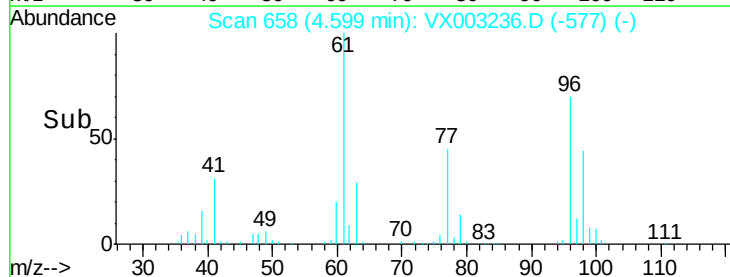
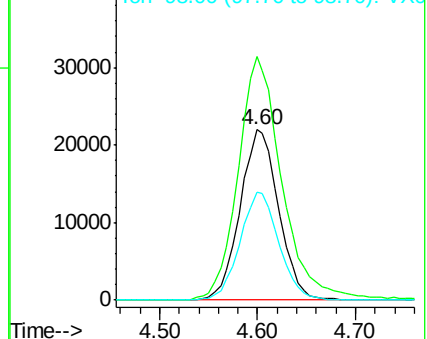
96 100

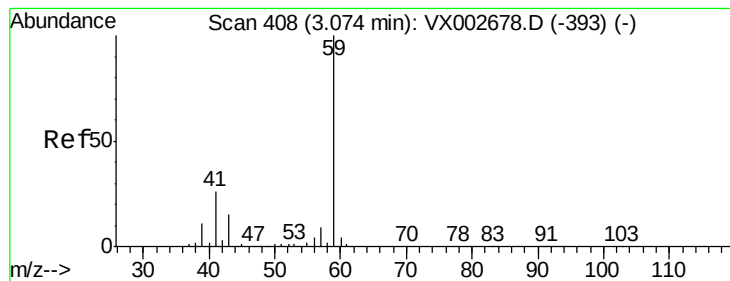
61 161.4 160.2 240.2

98 64.2 54.1 81.1



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 134.95 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.02 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

Instrument :

MSVOA_X

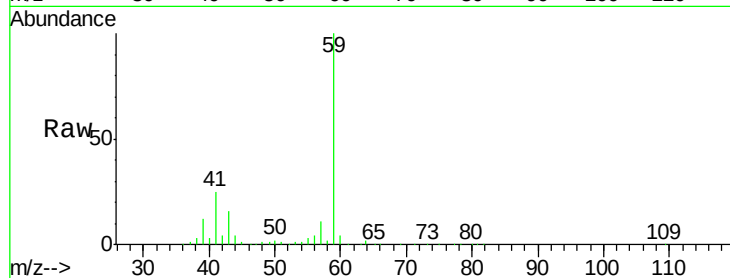
ClientSampled :

Tot Ion: 59 Resp: 62567

Ion Ratio Lower Upper

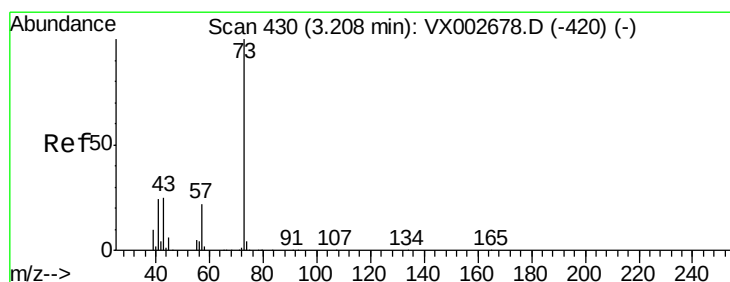
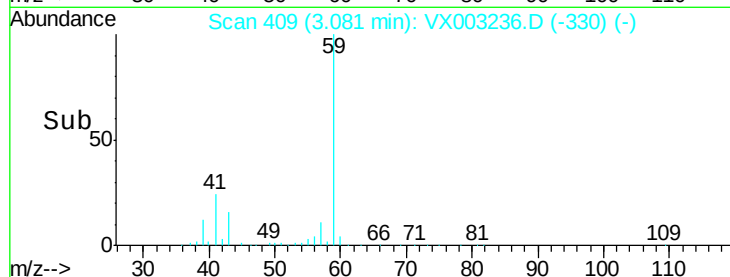
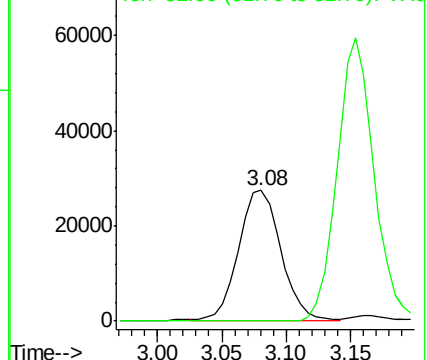
59 100

52 0.2 0.2 0.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 26.30 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX003236.D

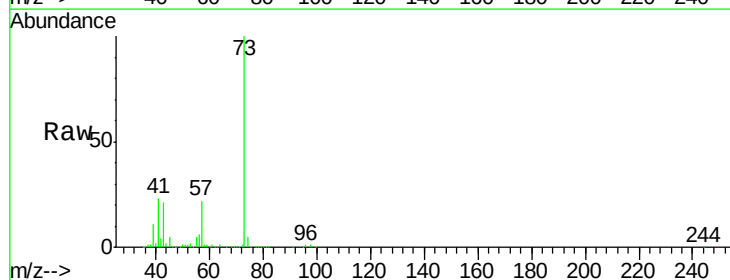
Acq: 07 Jul 2018 02:00

Tgt Ion: 73 Resp: 164296

Ion Ratio Lower Upper

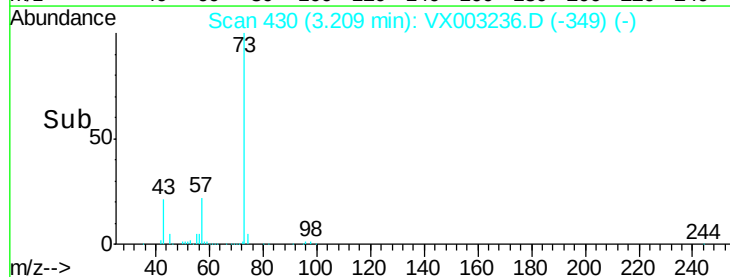
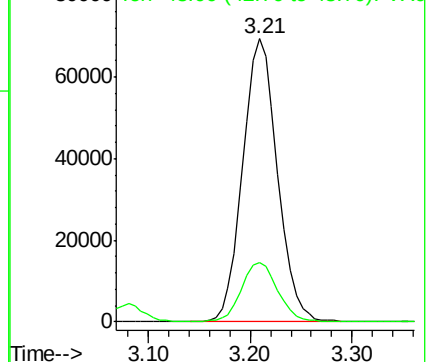
73 100

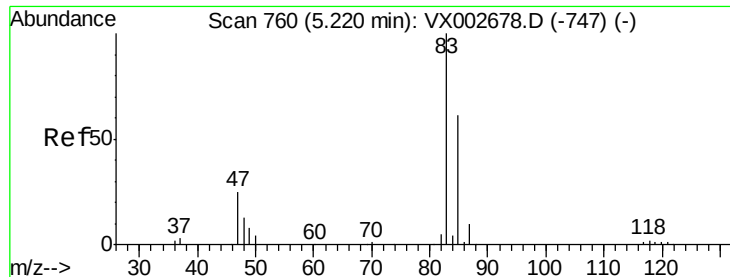
43 21.4 19.0 28.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

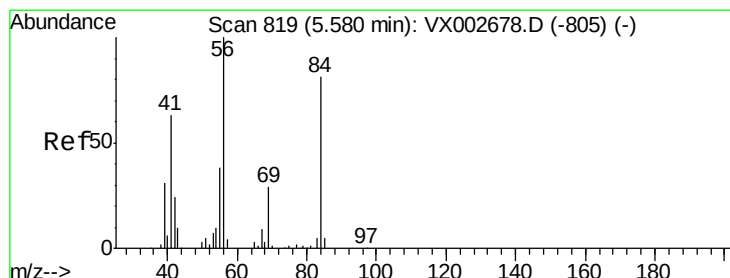
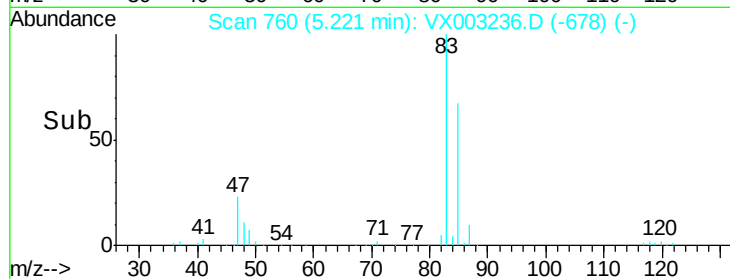
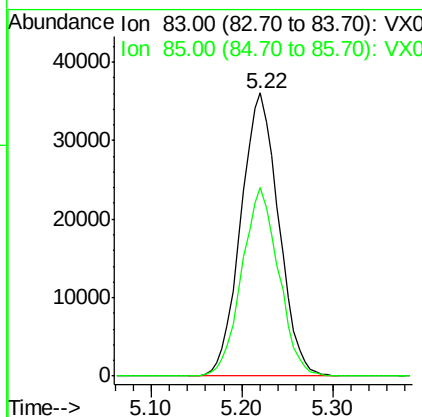
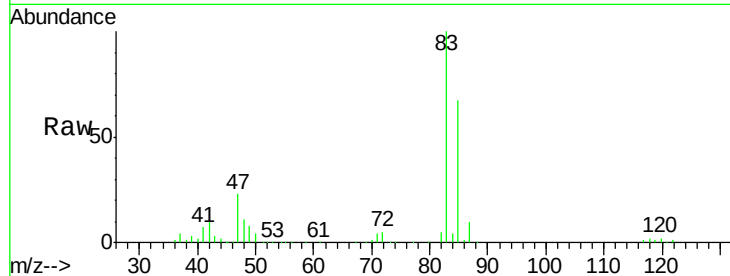




#25
Chloroform
Concen: 31.18 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

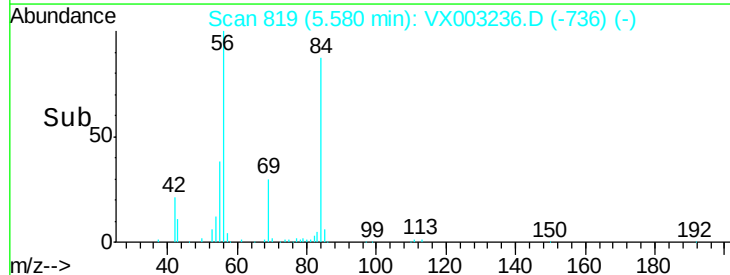
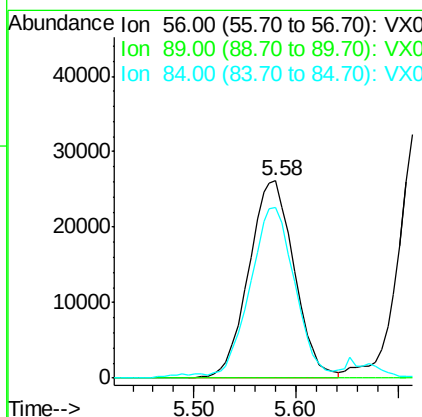
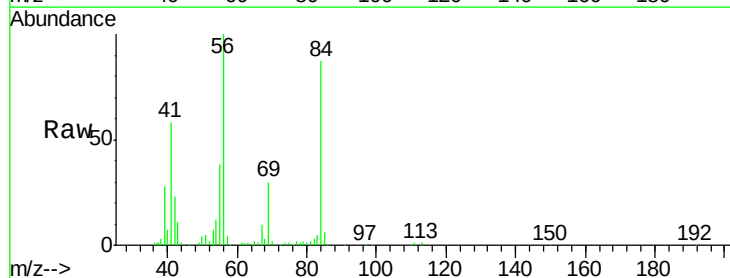
Instrument :
MSVOA_X
ClientSampleId :

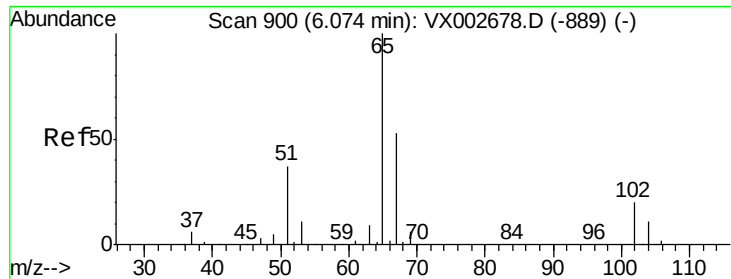
Tot Ion: 83 Resp: 104398
Ion Ratio Lower Upper
83 100
85 66.8 51.9 77.9



#26
Cyclohexane
Concen: 28.61 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

Tgt Ion: 56 Resp: 81086
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 84.9 64.9 97.3

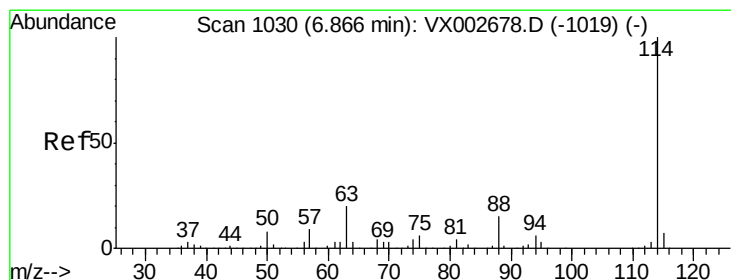
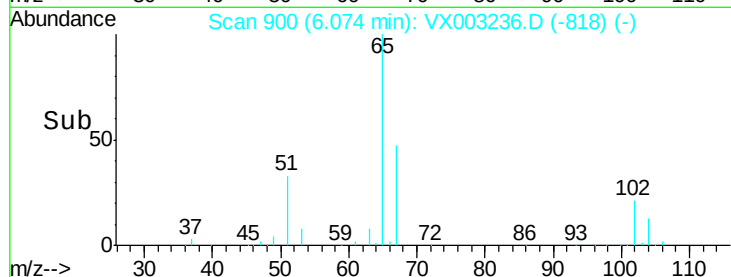
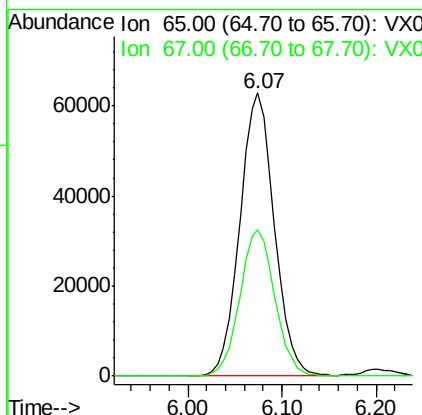
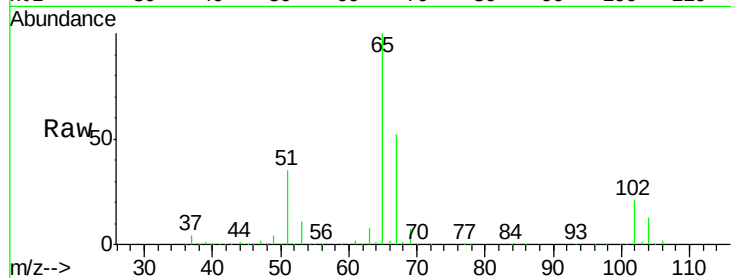




#27
 1,2-Dichloroethane-d4
 Concen: 65.24 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003236.D
 Acq: 07 Jul 2018 02:00

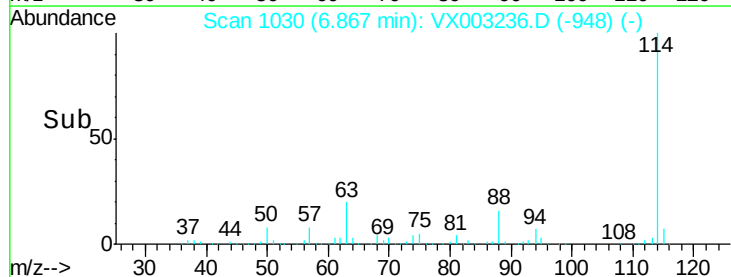
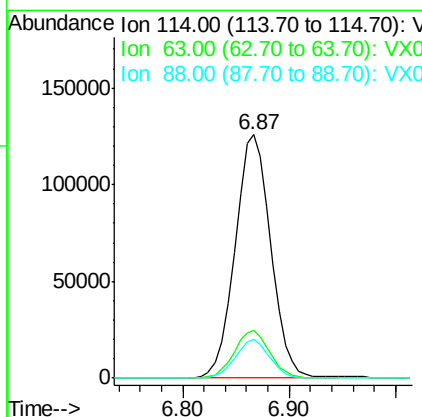
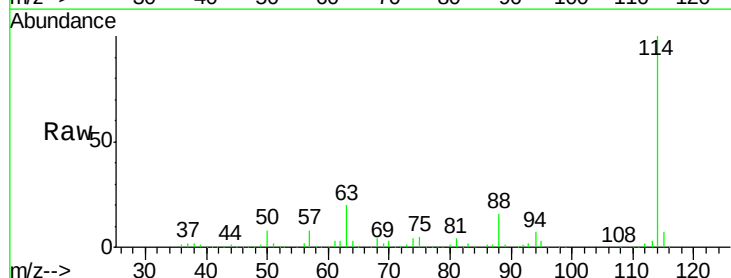
Instrument :
 MSVOA_X
 ClientSampleId :

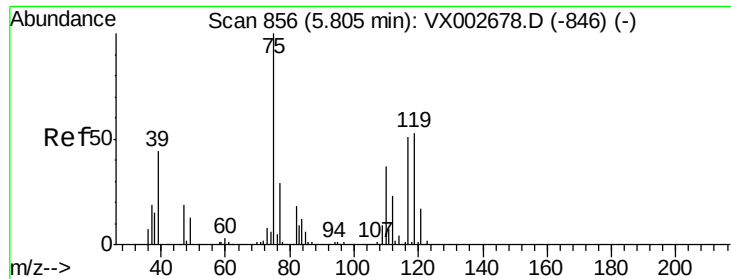
Tot Ion: 65 Resp: 161237
 Ion Ratio Lower Upper
 65 100
 67 52.4 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003236.D
 Acq: 07 Jul 2018 02:00

Tgt Ion: 114 Resp: 296406
 Ion Ratio Lower Upper
 114 100
 63 19.5 17.1 25.7
 88 15.2 12.6 19.0

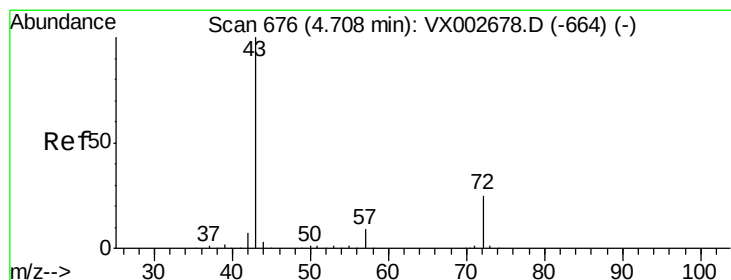
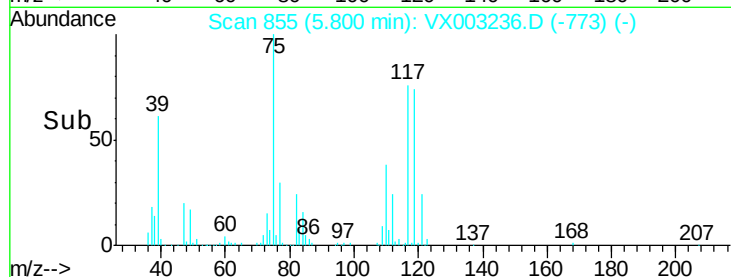
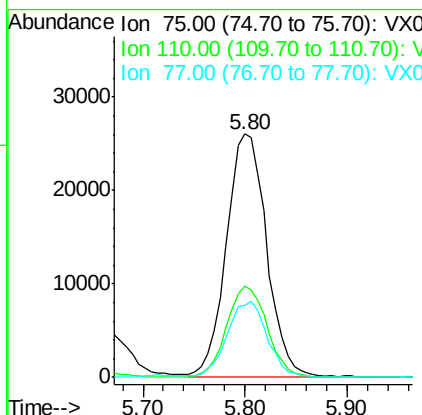
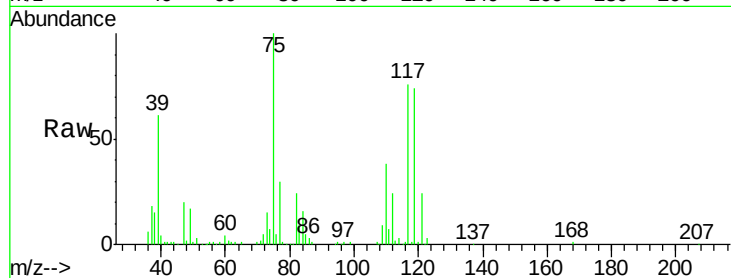




#29
 1,1-Dichloropropene
 Concen: 17.86 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003236.D
 Acq: 07 Jul 2018 02:00

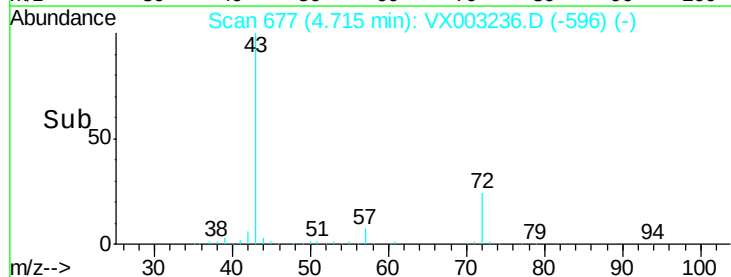
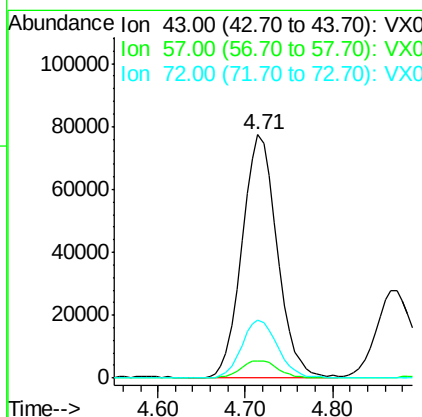
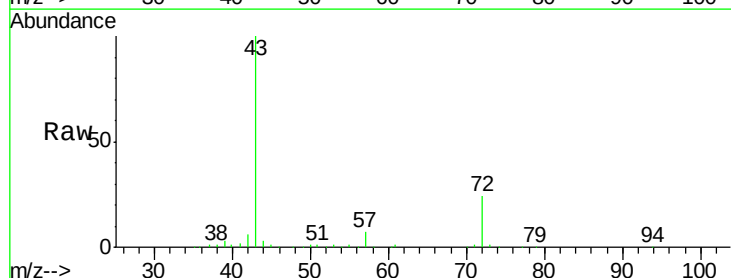
Instrument :
 MSVOA_X
 ClientSampleId :

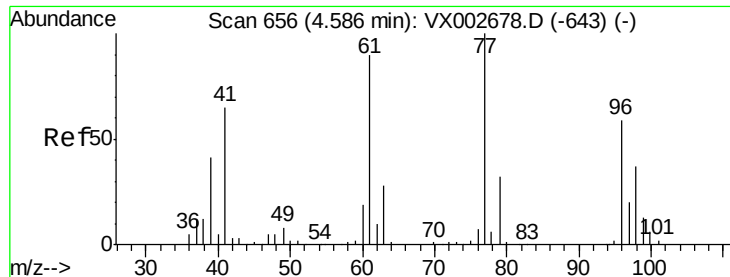
Tot Ion: 75 Resp: 71506
 Ion Ratio Lower Upper
 75 100
 110 37.6 0.0 71.4
 77 30.7 0.0 60.6



#30
 2-Butanone
 Concen: 94.23 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: VX003236.D
 Acq: 07 Jul 2018 02:00

Tgt Ion: 43 Resp: 215831
 Ion Ratio Lower Upper
 43 100
 57 7.9 6.1 9.1
 72 24.4 18.1 27.1





#31

2,2-Dichloropropane

Concen: 12.87 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

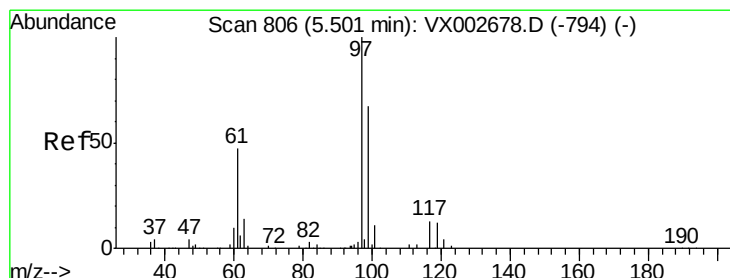
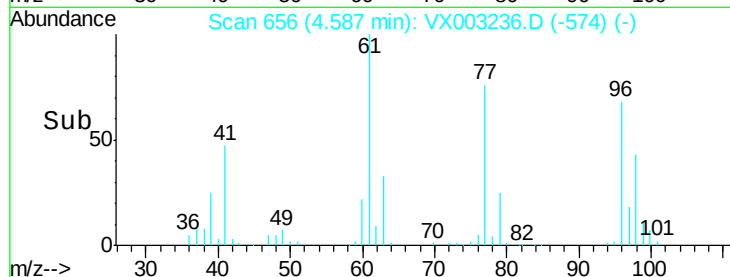
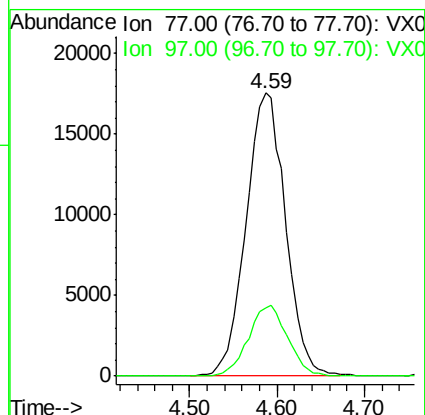
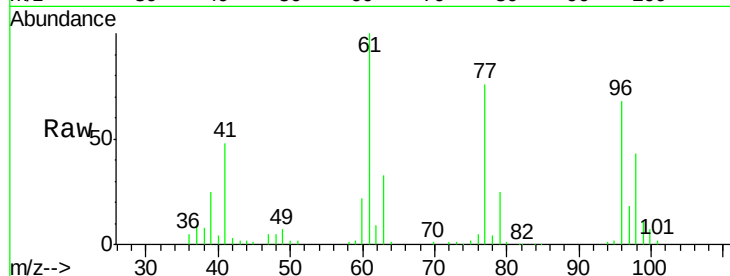
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 77 Resp: 55042

Ion Ratio Lower Upper

77 100

97 24.9 18.7 28.1



#32

1,1,1-Trichloroethane

Concen: 18.48 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

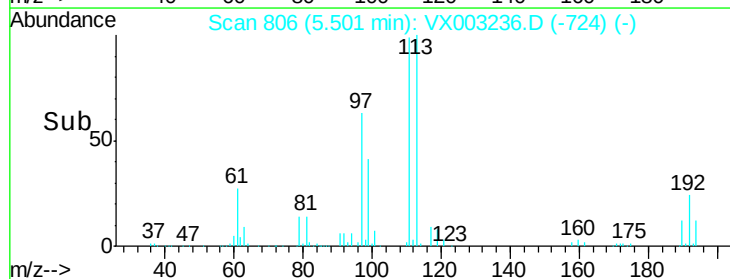
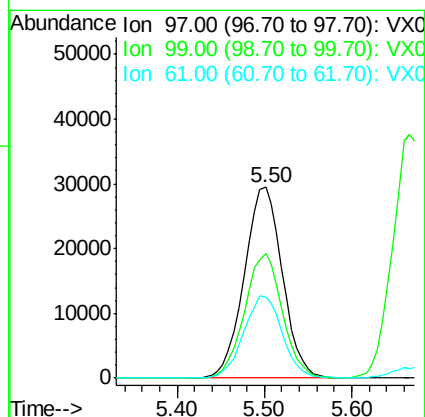
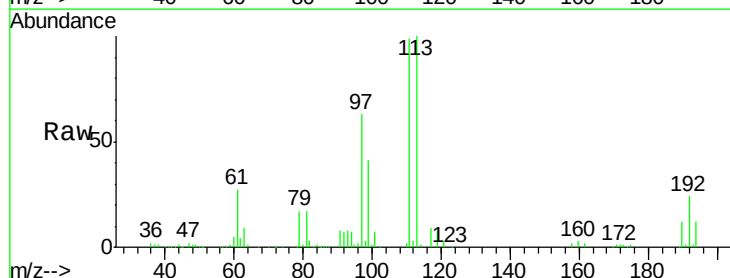
Tgt Ion: 97 Resp: 89346

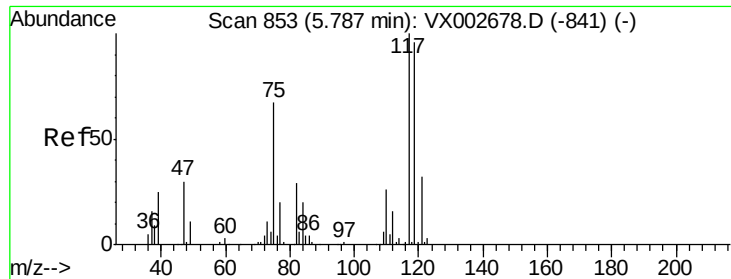
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 43.4 36.4 54.6





#33

Carbon Tetrachloride

Concen: 18.46 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

Instrument :

MSVOA_X

ClientSampleId :

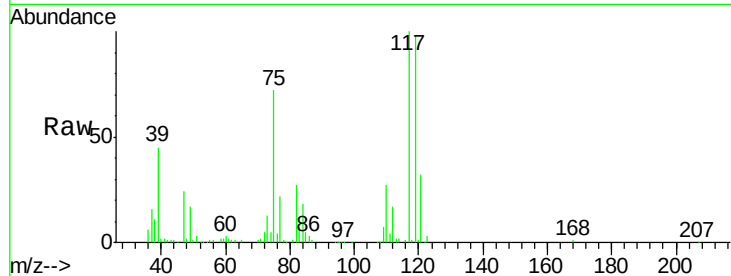
Tot Ion:117 Resp: 80218

Ion Ratio Lower Upper

117 100

119 97.9 73.3 109.9

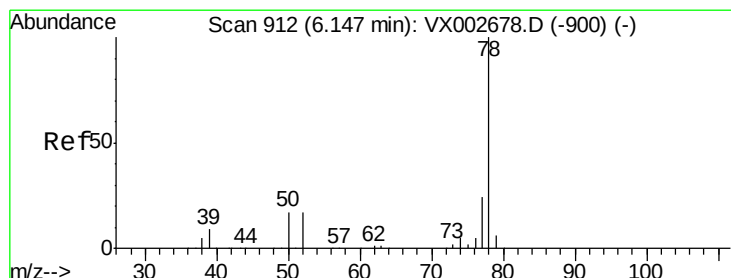
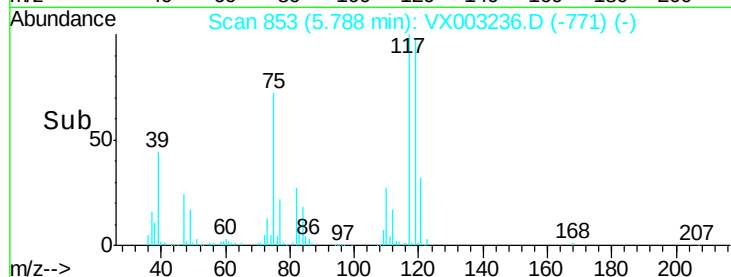
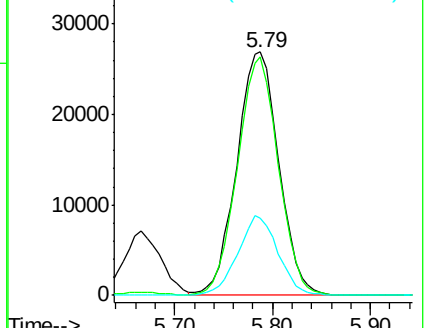
121 31.9 23.6 35.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.77 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

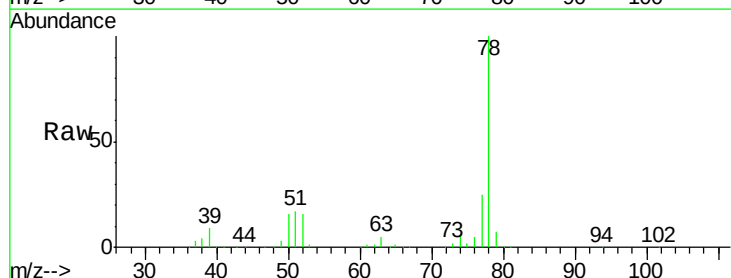
Tgt Ion: 78 Resp: 222475

Ion Ratio Lower Upper

78 100

77 25.2 19.4 29.0

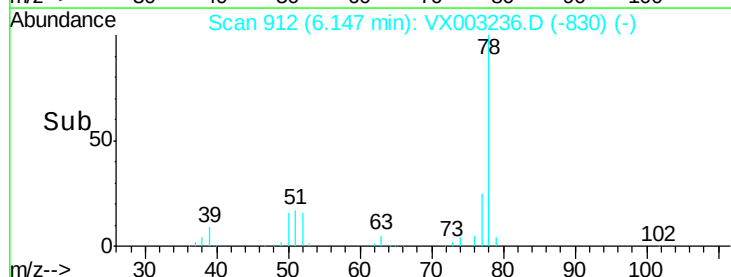
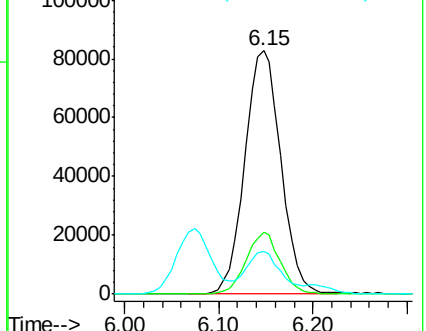
51 16.0 13.8 20.6

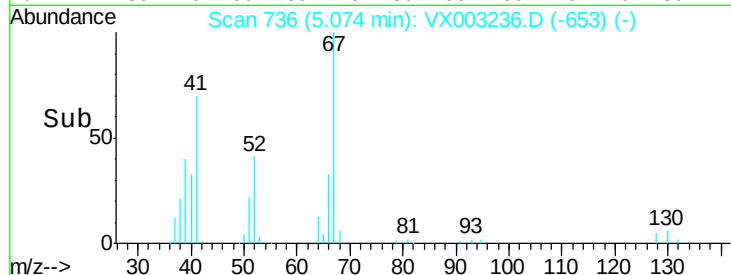
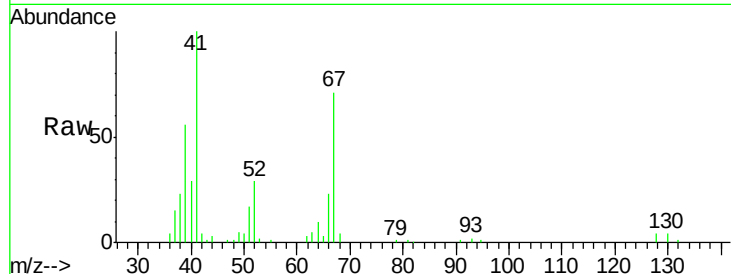
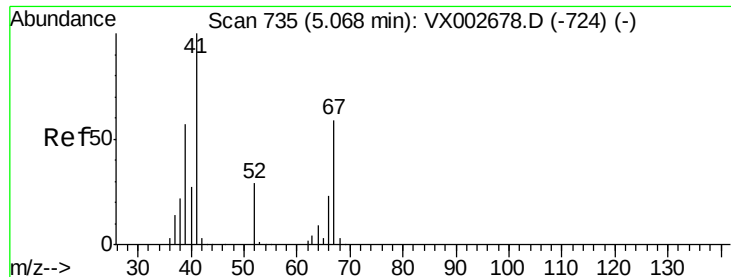


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

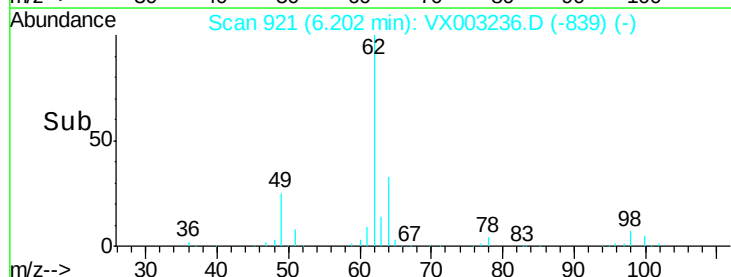
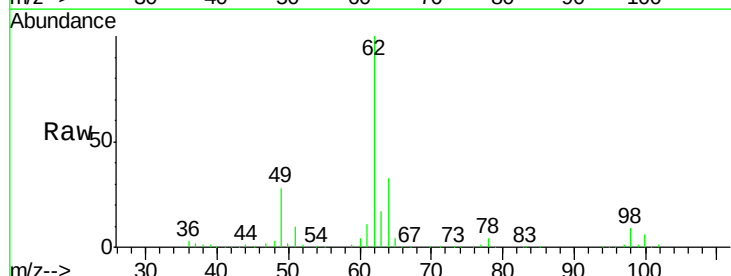
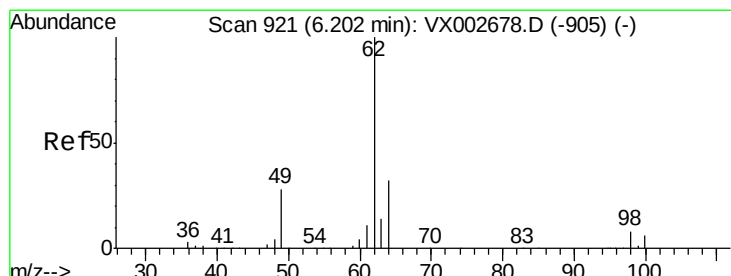
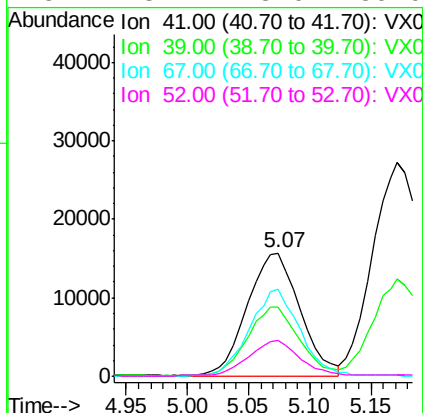
Ion 51.00 (50.70 to 51.70): VX0





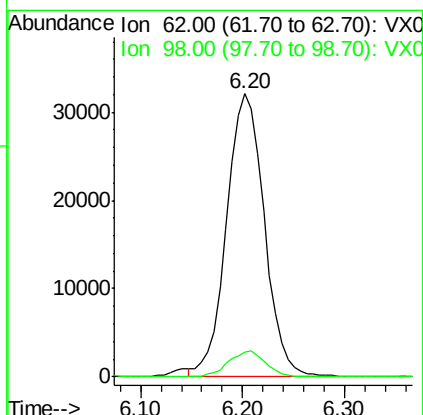
#35
Methacrylonitrile
Concen: 18.74 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

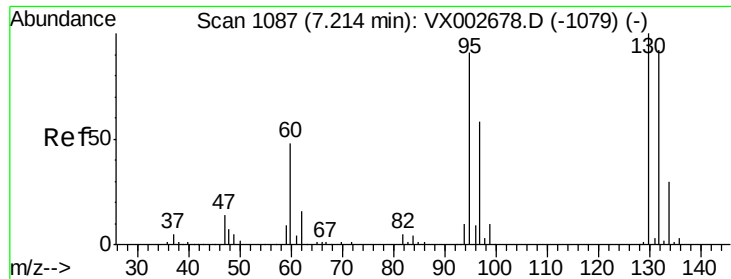
Tot Ion:	41	Resp:	46727
Ion	Ratio	Lower	Upper
41	100		
39	55.7	28.8	86.5
67	70.6	30.4	91.2
52	28.7	13.0	39.0



#36
1,2-Dichloroethane
Concen: 17.74 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

Tgt Ion:	62	Resp:	82572
Ion	Ratio	Lower	Upper
62	100		
98	9.1	6.5	9.7

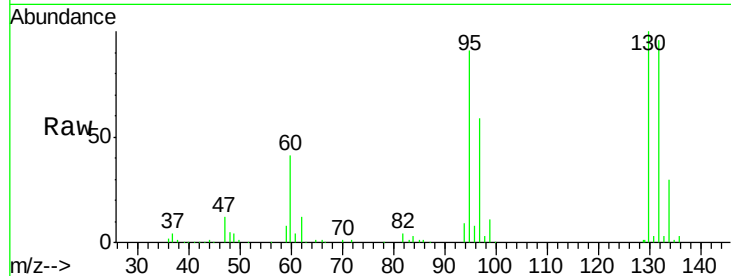




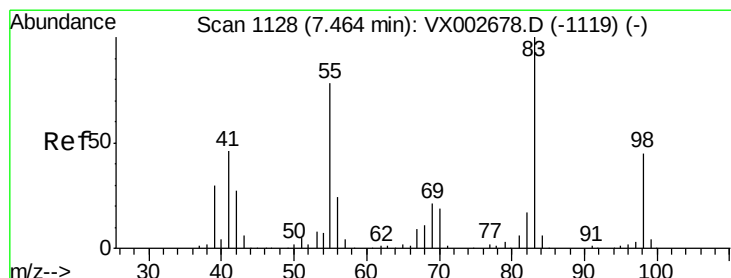
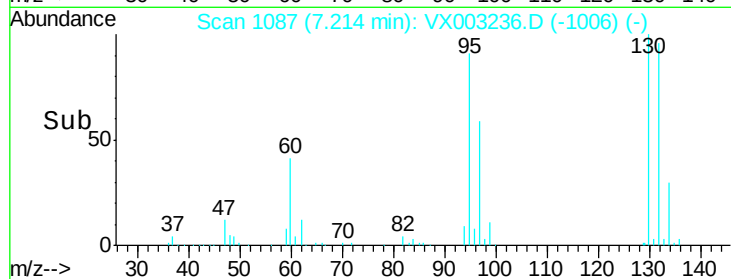
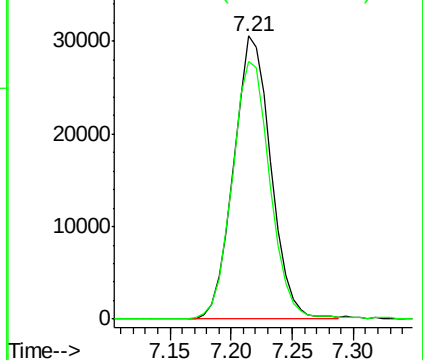
#37
 Trichloroethene
 Concen: 18.63 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX003236.D
 Acq: 07 Jul 2018 02:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:130 Resp: 64669
 Ion Ratio Lower Upper
 130 100
 95 91.2 81.5 122.3

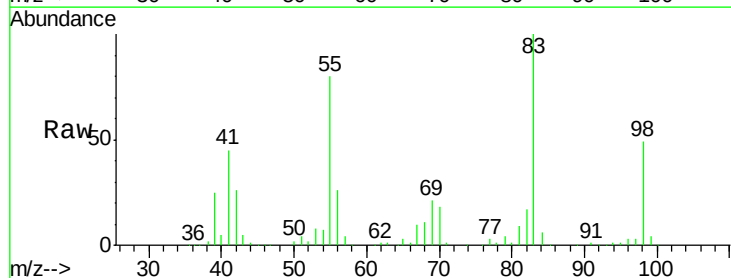


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

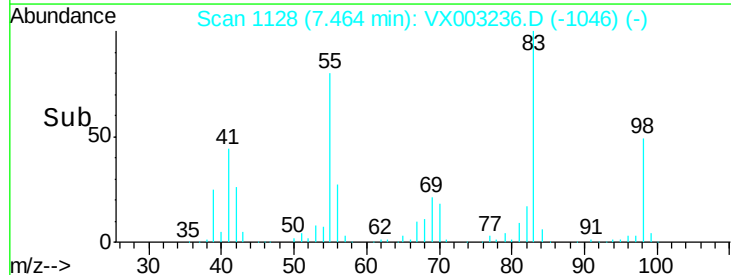
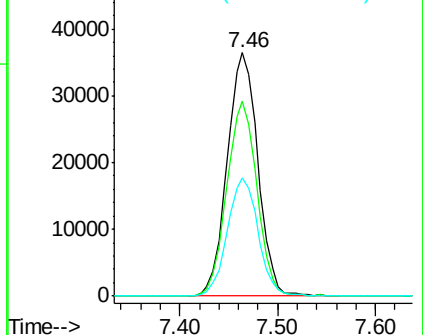


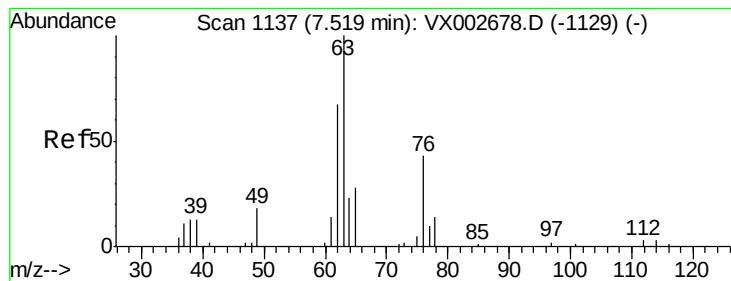
#38
 Methylcyclohexane
 Concen: 16.29 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX003236.D
 Acq: 07 Jul 2018 02:00

Tgt Ion: 83 Resp: 79333
 Ion Ratio Lower Upper
 83 100
 55 78.8 40.6 121.8
 98 48.1 23.5 70.5



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

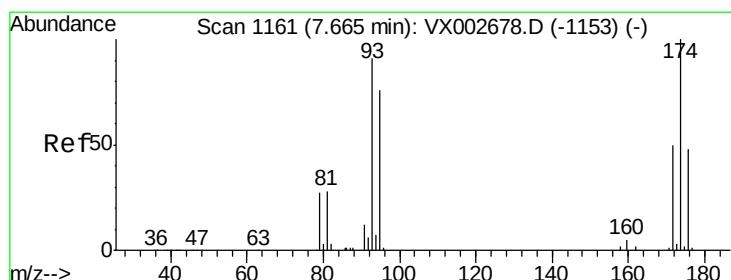
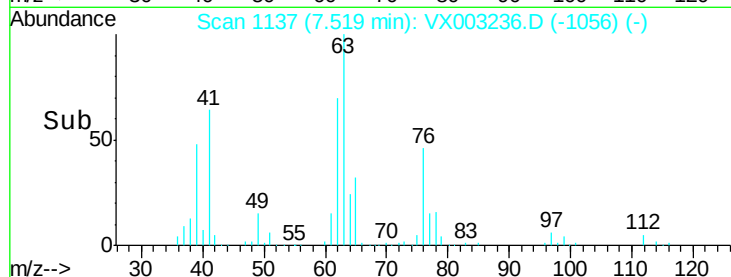
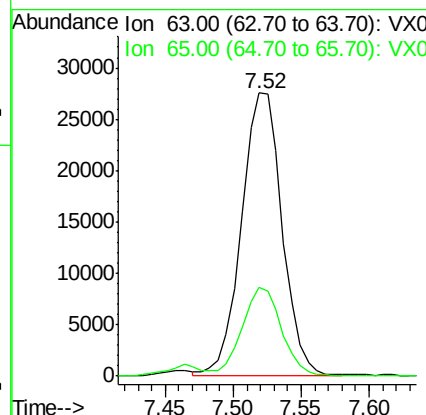
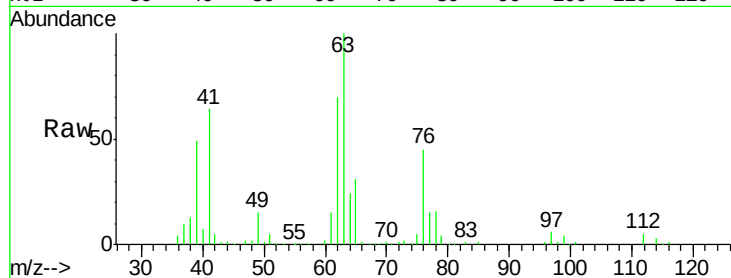




#39
 1,2-Dichloropropane
 Concen: 18.67 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX003236.D
 Acq: 07 Jul 2018 02:00

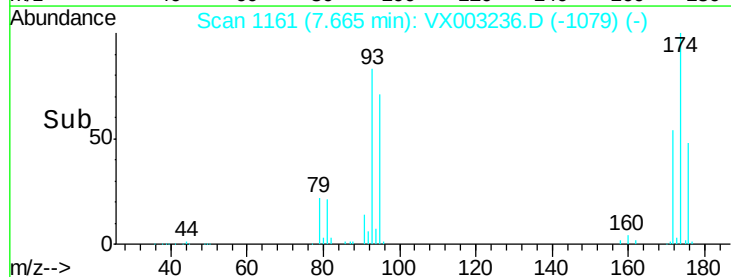
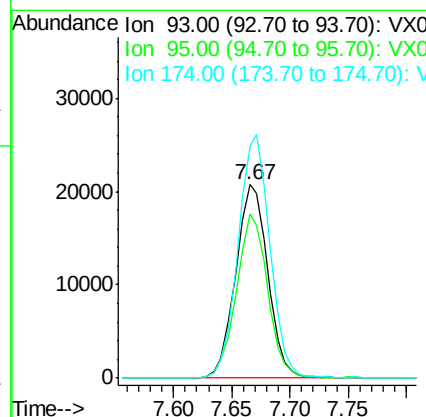
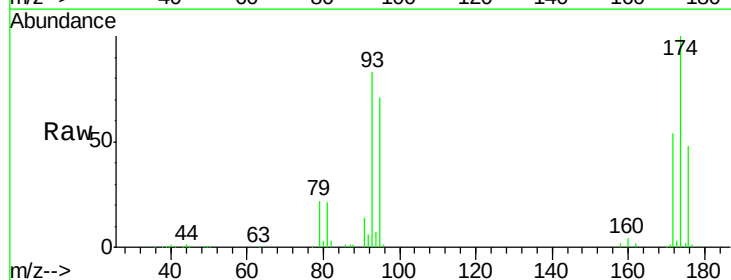
Instrument :
 MSVOA_X
 ClientSampleId :

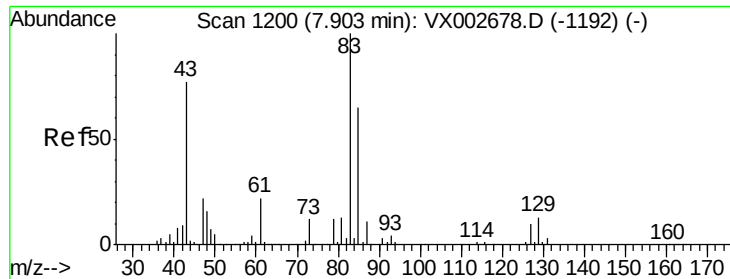
Tot Ion: 63 Resp: 57722
 Ion Ratio Lower Upper
 63 100
 65 31.4 23.3 34.9



#40
 Dibromomethane
 Concen: 18.54 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003236.D
 Acq: 07 Jul 2018 02:00

Tgt Ion: 93 Resp: 39829
 Ion Ratio Lower Upper
 93 100
 95 82.5 0.0 162.6
 174 124.4 0.0 229.4





#41

Bromodichloromethane

Concen: 17.99 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

Instrument :
MSVOA_X
ClientSampleId :

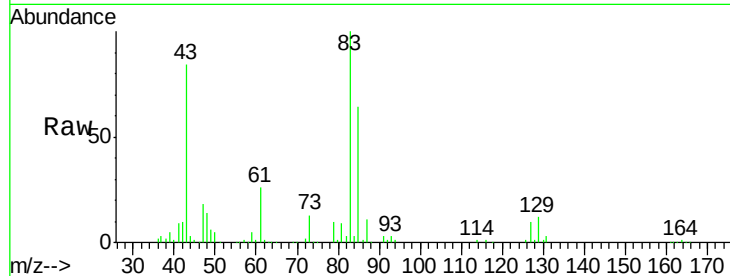
Tot Ion: 83 Resp: 72615

Ion Ratio Lower Upper

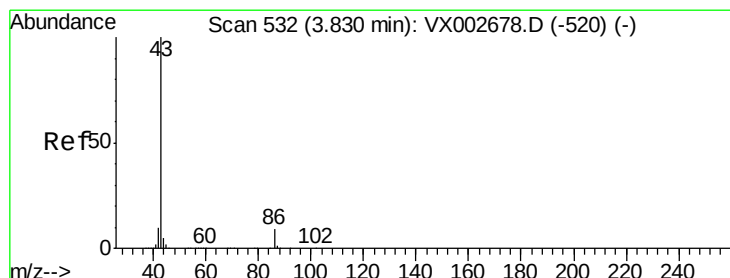
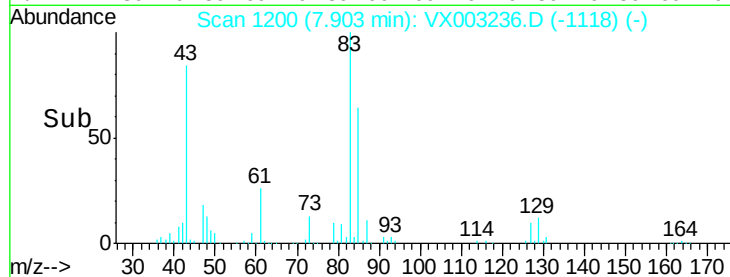
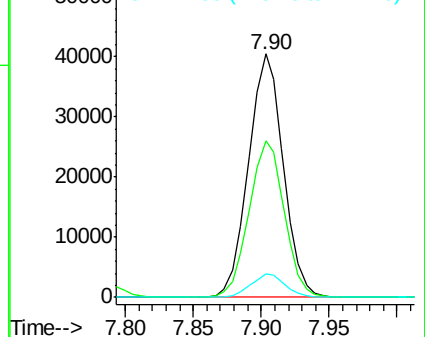
83 100

85 64.0 49.8 74.8

127 9.8 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 82.97 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003236.D

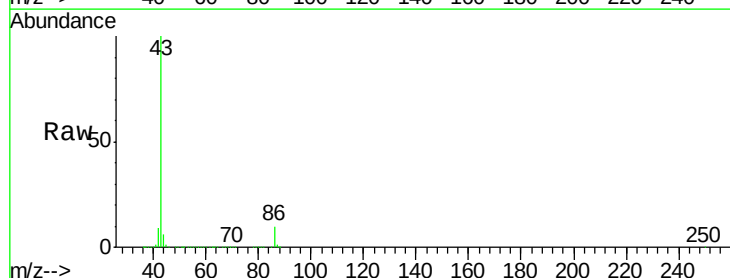
Acq: 07 Jul 2018 02:00

Tgt Ion: 43 Resp: 720737

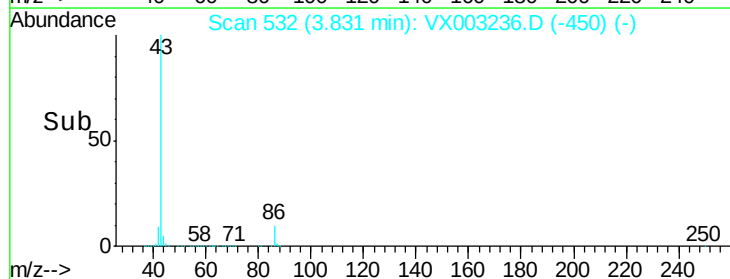
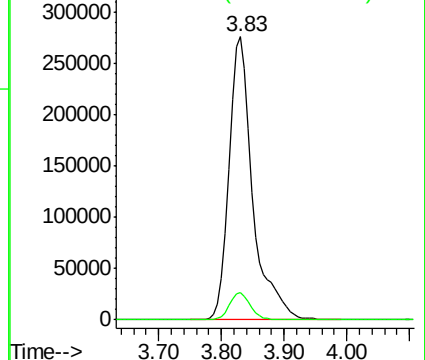
Ion Ratio Lower Upper

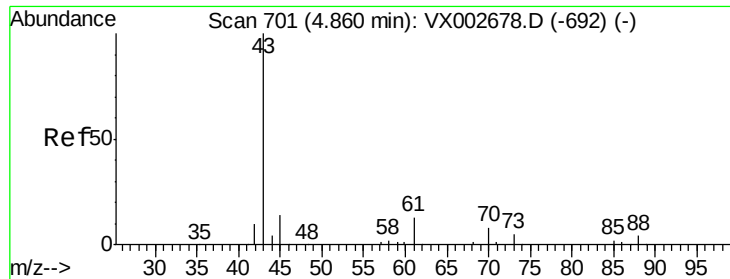
43 100

86 8.5 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

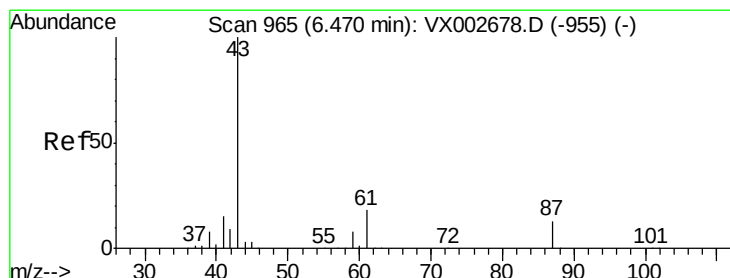
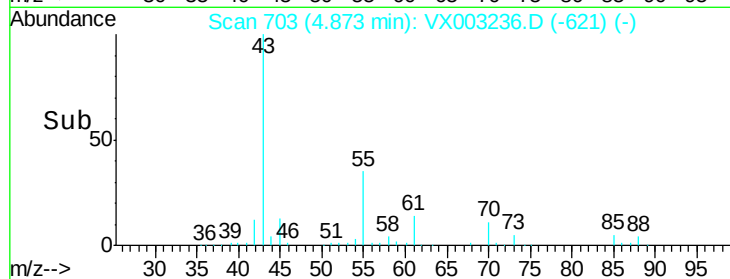
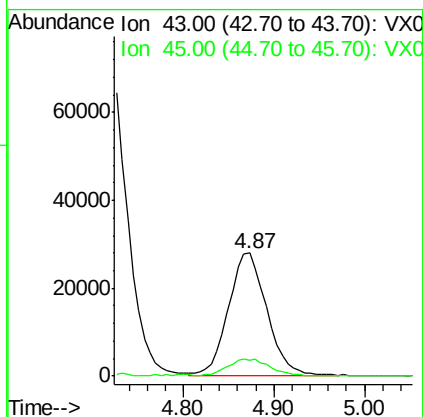
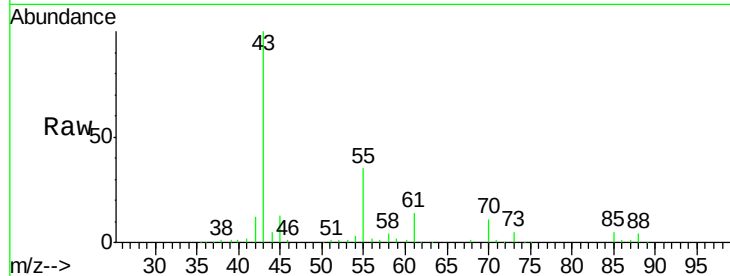




#43
Ethyl Acetate
Concen: 18.95 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

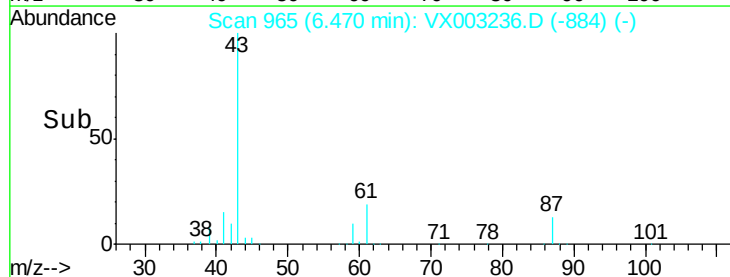
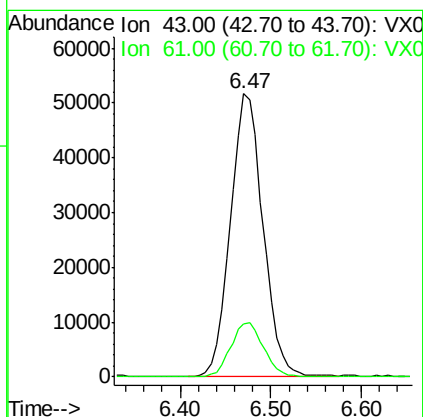
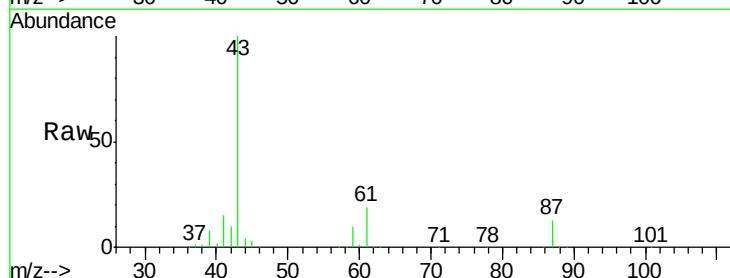
Instrument :
MSVOA_X
ClientSampled :

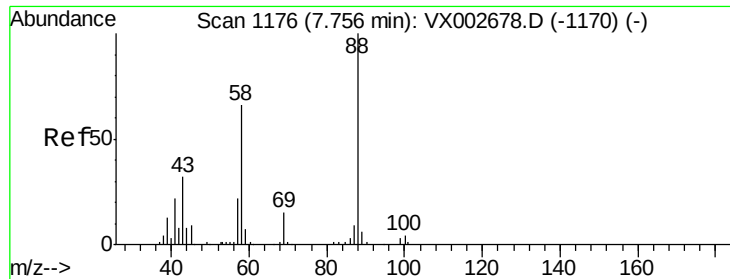
Tot Ion: 43 Resp: 83004
Ion Ratio Lower Upper
43 100
45 14.9 11.0 16.4



#44
Isopropyl Acetate
Concen: 17.53 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

Tgt Ion: 43 Resp: 128679
Ion Ratio Lower Upper
43 100
61 19.4 14.5 21.7

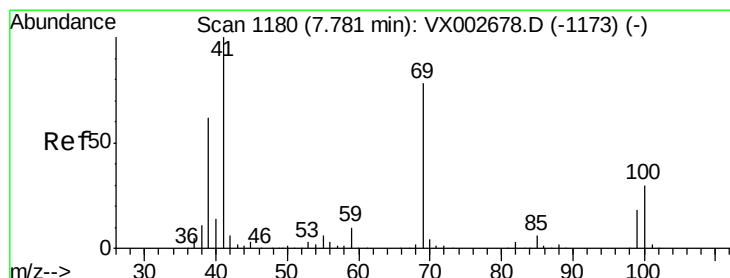
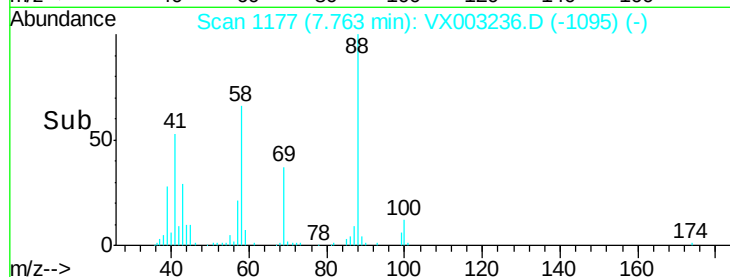
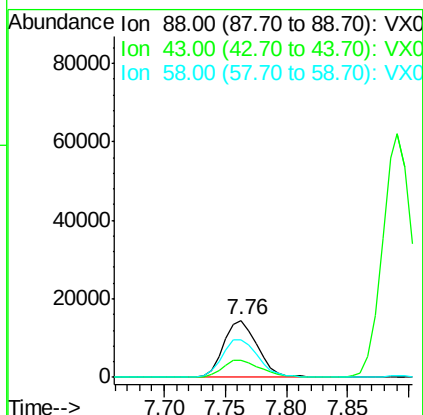
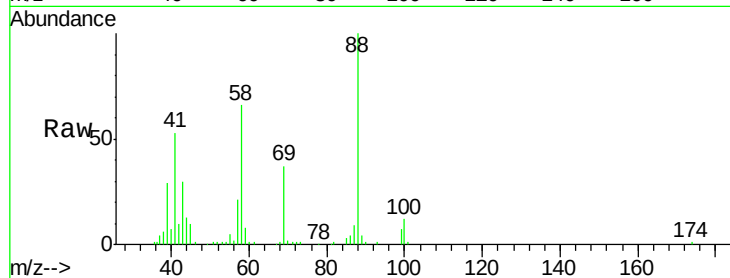




#45
1,4-Dioxane
Concen: 390.84 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

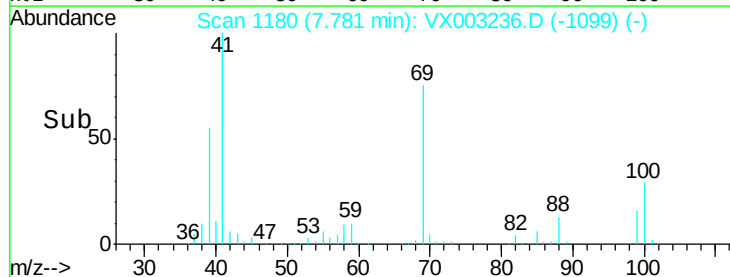
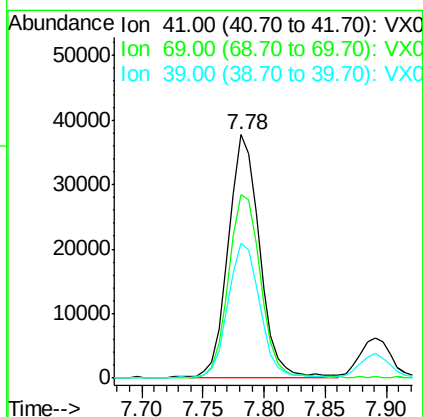
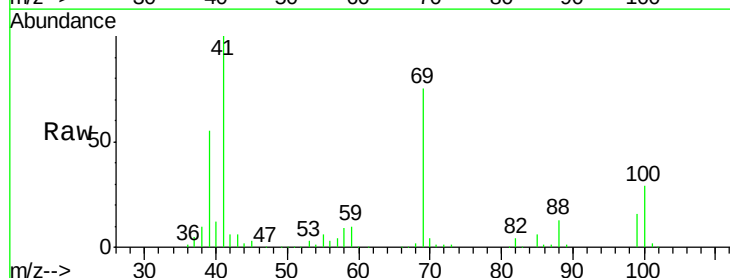
Instrument :
MSVOA_X
ClientSampled :

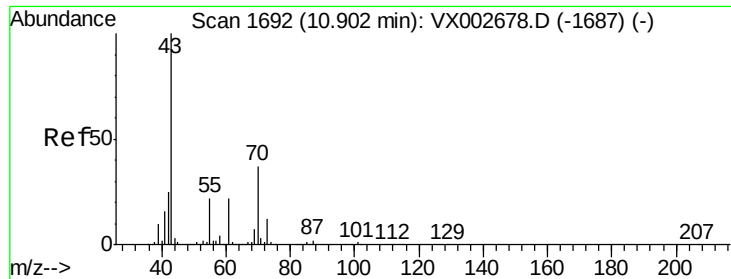
Tot Ion: 88 Resp: 28104
Ion Ratio Lower Upper
88 100
43 33.4 43.2 64.8#
58 70.9 60.2 90.2



#46
Methyl methacrylate
Concen: 17.71 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

Tgt Ion: 41 Resp: 66408
Ion Ratio Lower Upper
41 100
69 75.5 37.0 110.9
39 55.0 29.6 88.9





#47

n-amvl Acetate

Concen: 15.60 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

Instrument :

MSVOA_X

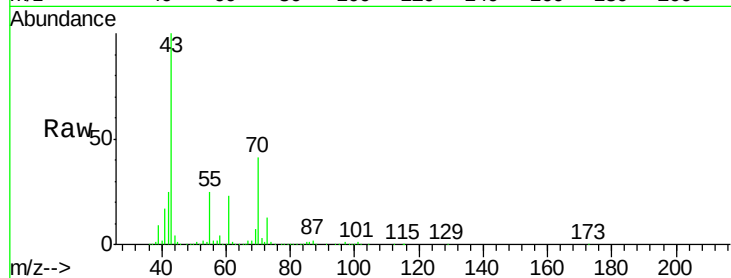
ClientSampled :

Tot Ion: 43 Resp: 108026

Ion Ratio Lower Upper

43 100

55 25.3 0.1 0.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.90

80000

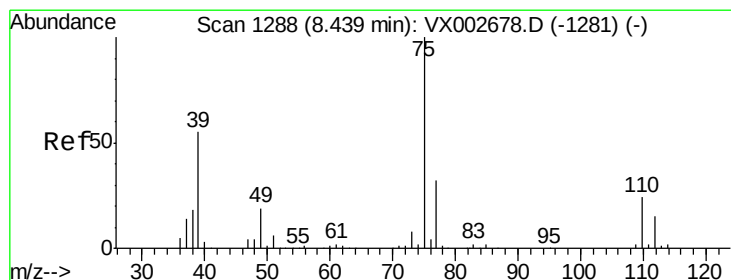
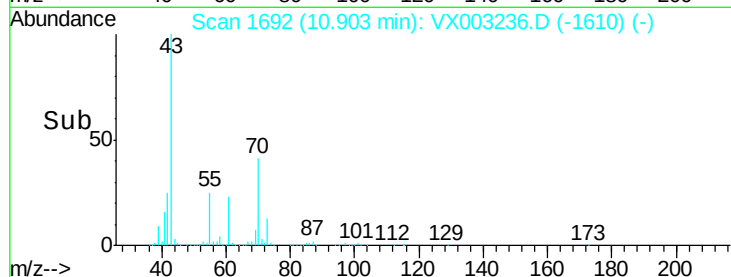
60000

40000

20000

0

Time--> 10.85 10.90 10.95



#48

t-1,3-Dichloropropene

Concen: 16.86 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003236.D

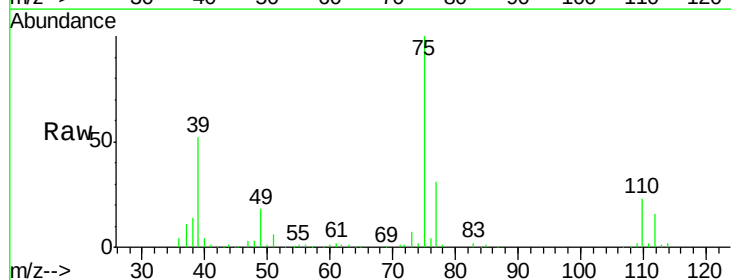
Acq: 07 Jul 2018 02:00

Tgt Ion: 75 Resp: 79882

Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

8.44

60000

50000

40000

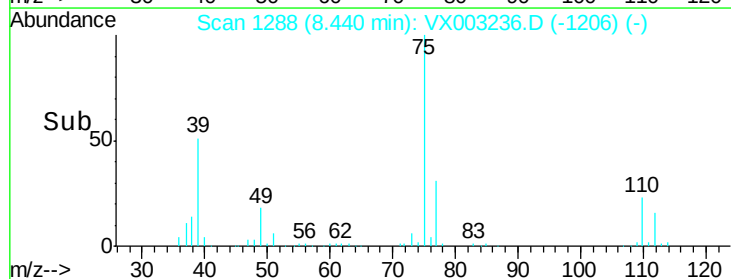
30000

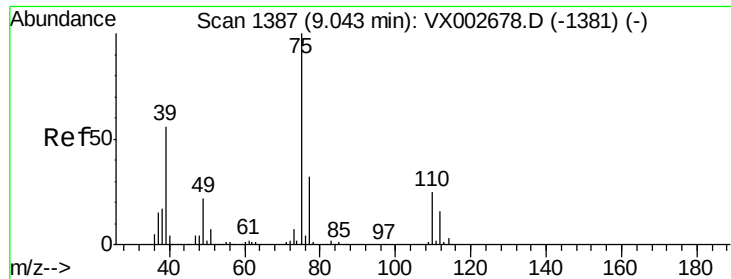
20000

10000

0

Time--> 8.35 8.40 8.45 8.50

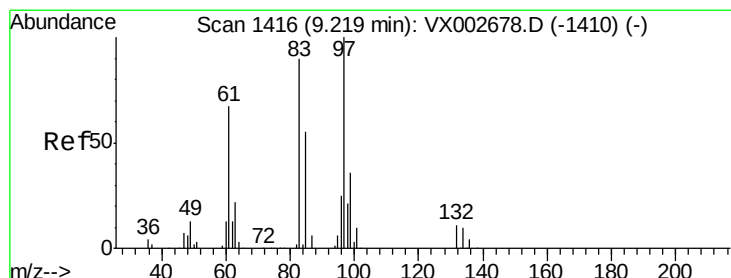
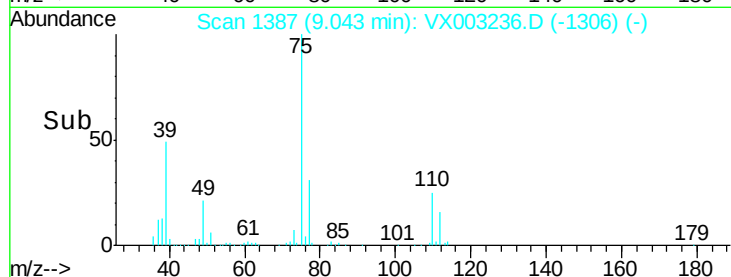
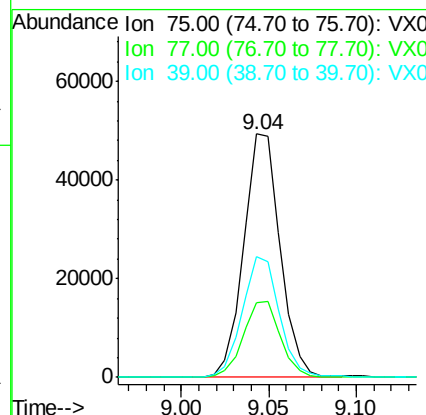
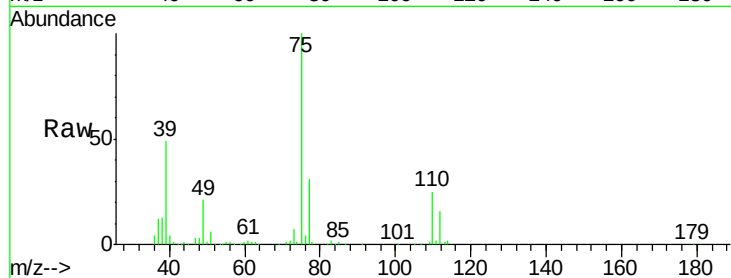




#49
 cis-1,3-Dichloropropene
 Concen: 16.13 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX003236.D
 Acq: 07 Jul 2018 02:00

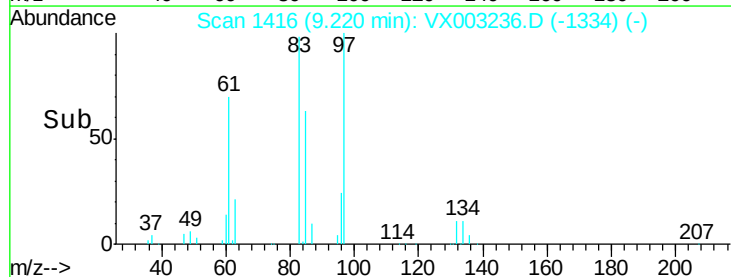
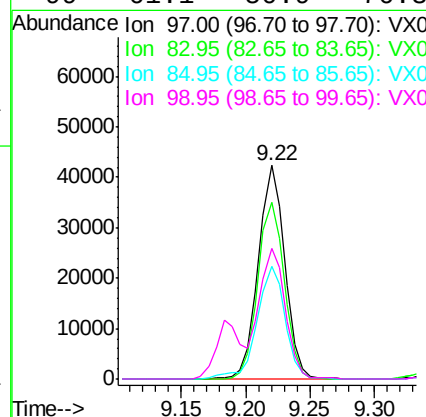
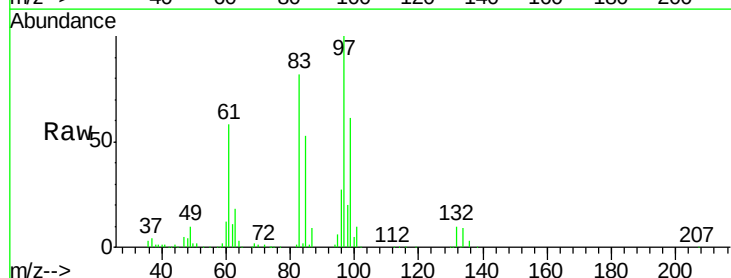
Instrument :
 MSVOA_X
 ClientSampleId :

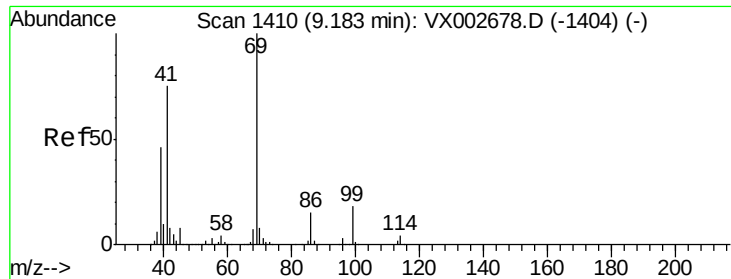
Tot Ion: 75 Resp: 71390
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.2
 39 49.1 42.3 63.5



#50
 1,1,2-Trichloroethane
 Concen: 18.94 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003236.D
 Acq: 07 Jul 2018 02:00

Tgt Ion: 97 Resp: 60006
 Ion Ratio Lower Upper
 97 100
 83 82.4 70.8 106.2
 85 52.9 43.5 65.3
 99 61.1 50.9 76.3





#51

Ethyl methacrylate

Concen: 16.93 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

Instrument :

MSVOA_X

ClientSampleId :

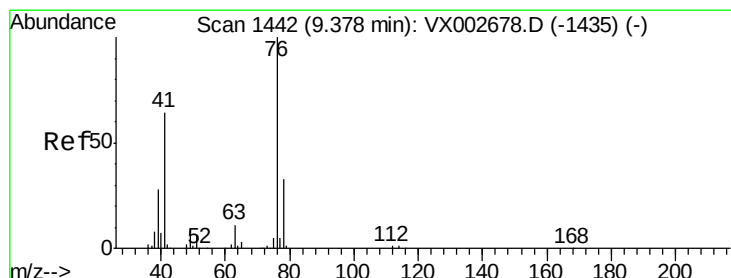
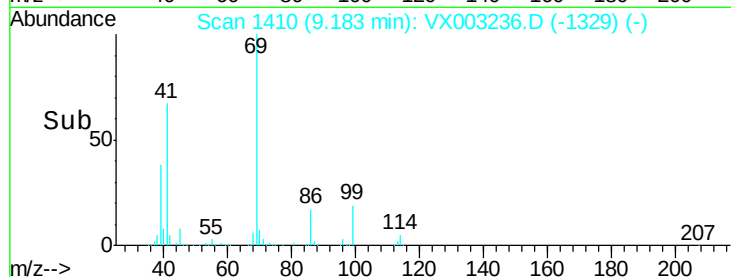
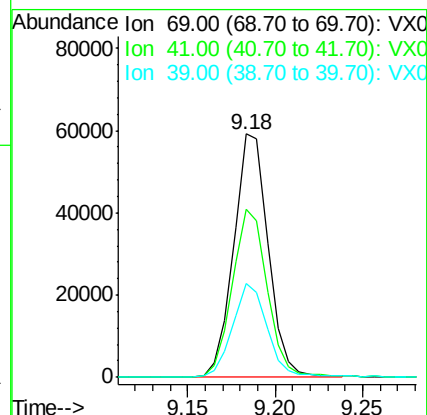
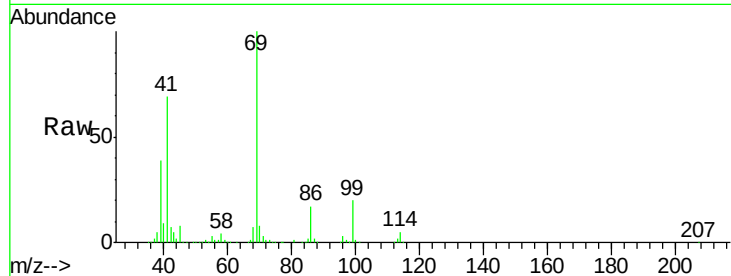
Tot Ion: 69 Resp: 80998

Ion Ratio Lower Upper

69 100

41 68.8 39.1 117.3

39 38.5 21.7 65.1



#52

1,3-Dichloropropane

Concen: 18.73 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003236.D

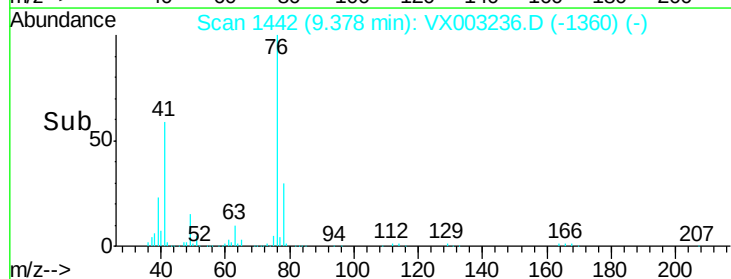
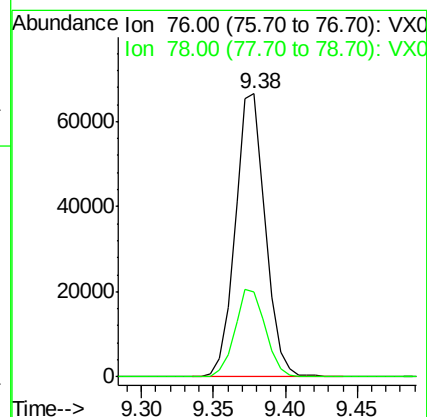
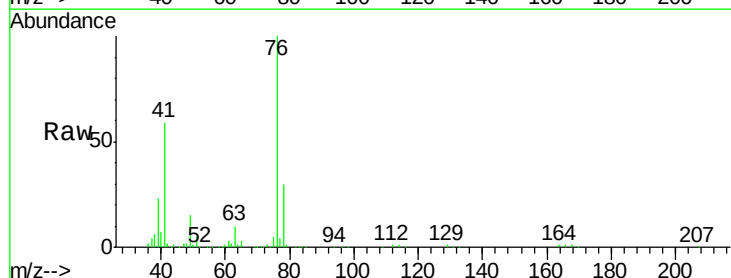
Acq: 07 Jul 2018 02:00

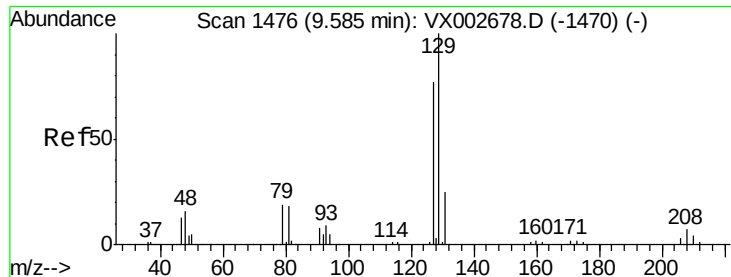
Tgt Ion: 76 Resp: 96947

Ion Ratio Lower Upper

76 100

78 31.5 0.0 63.4

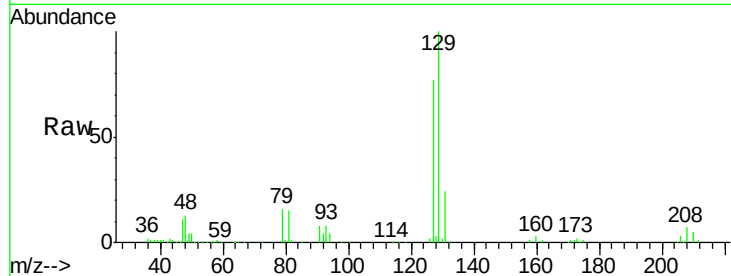




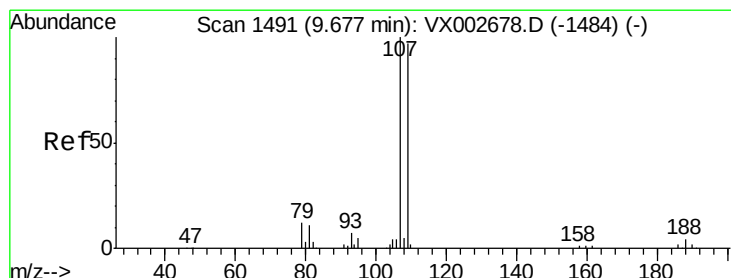
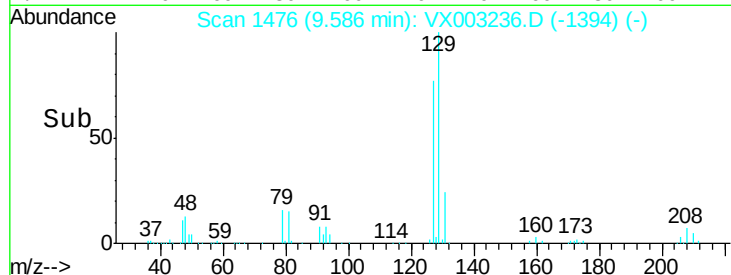
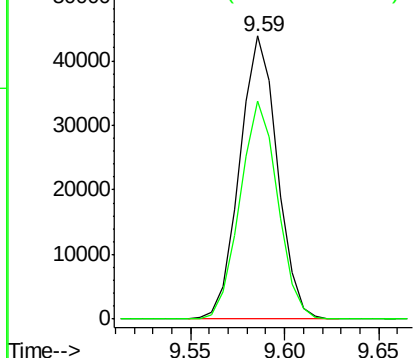
#53
 Dibromochloromethane
 Concen: 18.07 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: VX003236.D
 Acq: 07 Jul 2018 02:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:129 Resp: 60803
 Ion Ratio Lower Upper
 129 100
 127 77.4 38.5 115.3

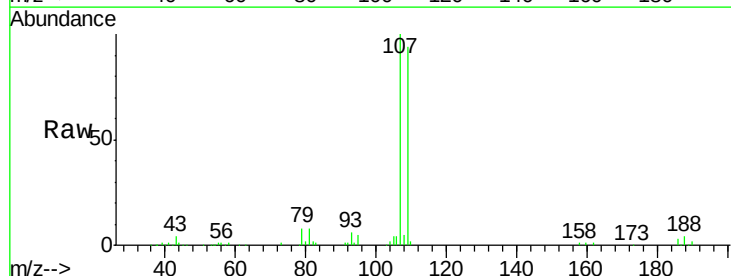


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

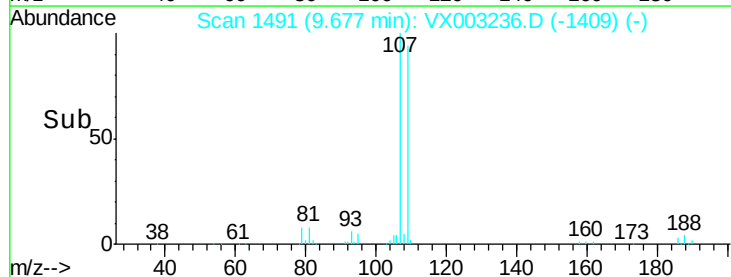
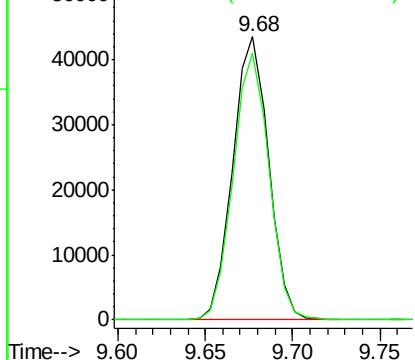


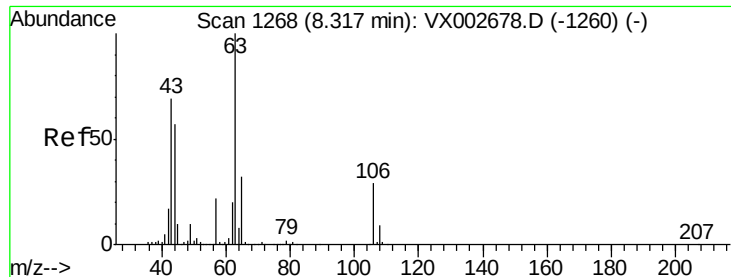
#54
 1,2-Dibromoethane
 Concen: 18.67 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003236.D
 Acq: 07 Jul 2018 02:00

Tgt Ion:107 Resp: 62364
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V
 Ion 109.00 (108.70 to 109.70): V

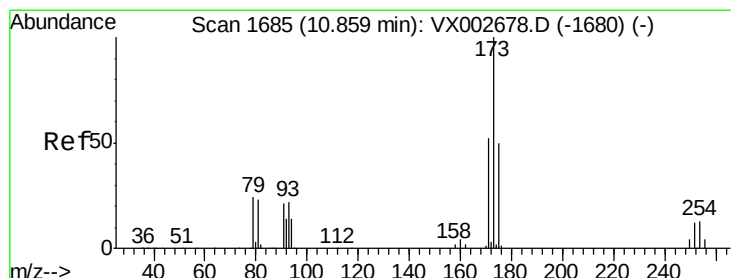
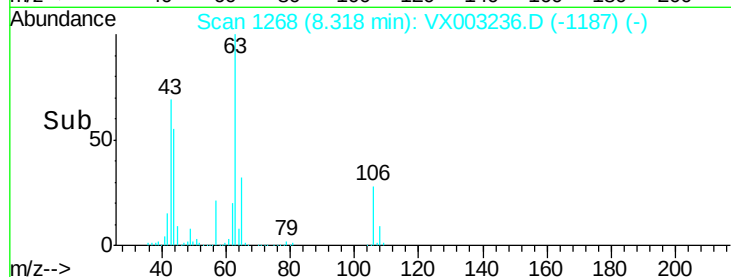
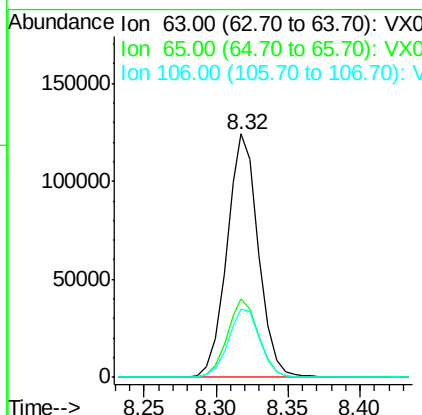
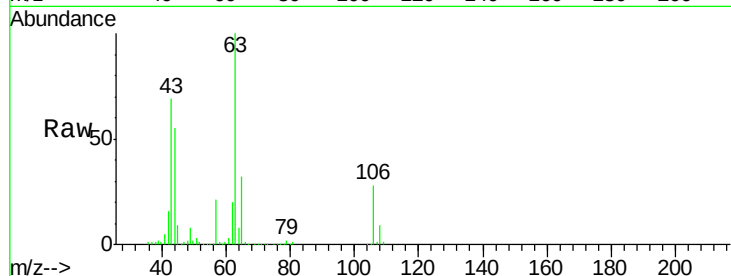




#55
2-Chloroethyl vinyl ether
Concen: 83.23 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

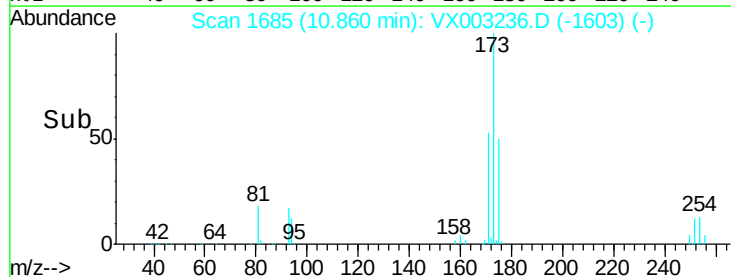
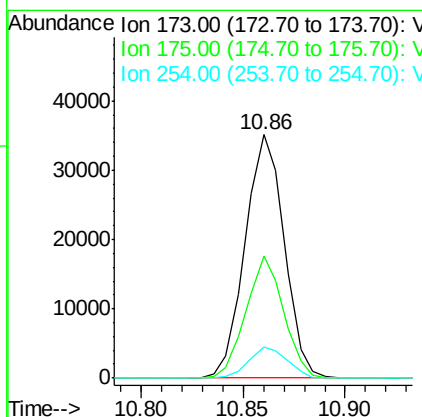
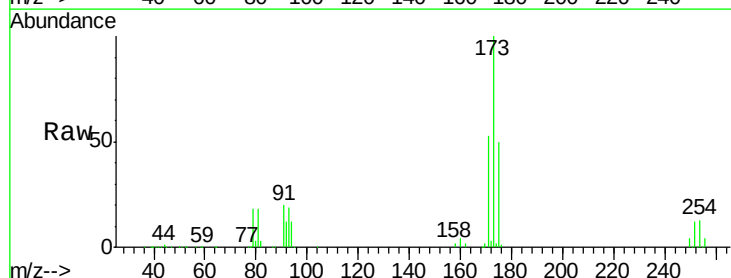
Instrument :
MSVOA_X
ClientSampleId :

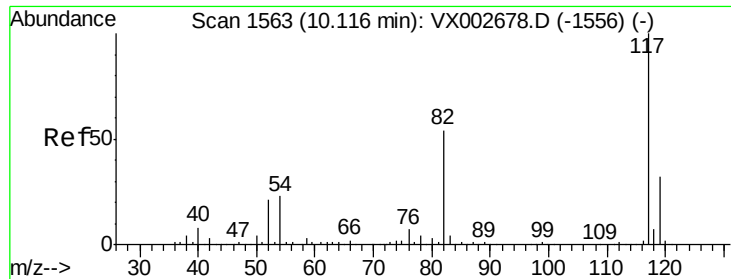
Tot Ion: 63 Resp: 189103
Ion Ratio Lower Upper
63 100
65 32.1 25.6 38.4
106 28.4 21.6 32.4



#56
Bromoform
Concen: 17.47 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

Tgt Ion: 173 Resp: 46905
Ion Ratio Lower Upper
173 100
175 48.4 39.0 58.4
254 12.4 9.6 14.4

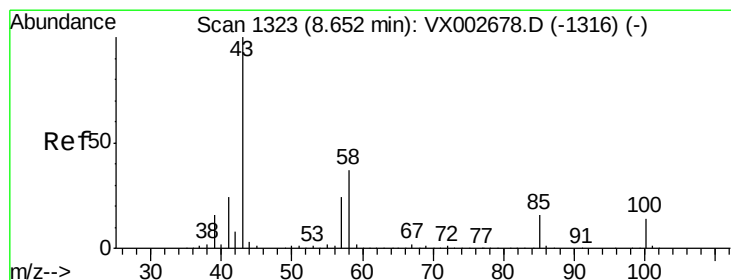
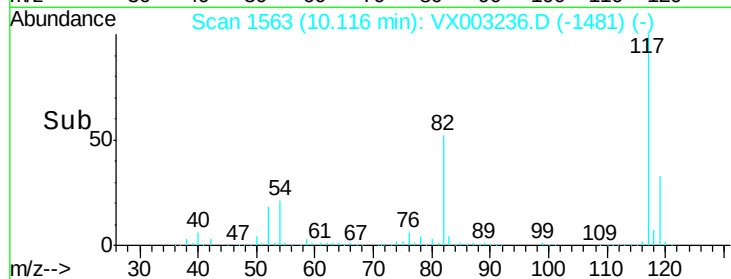
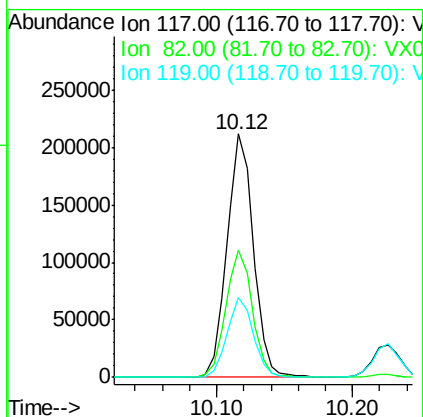
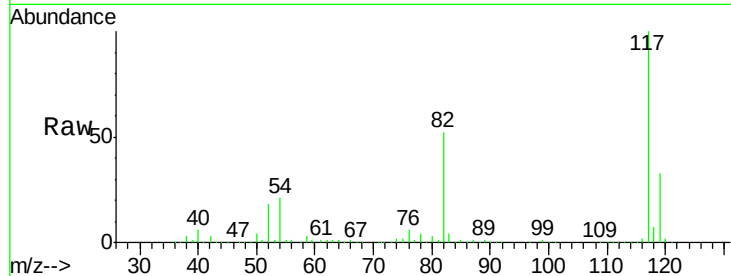




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

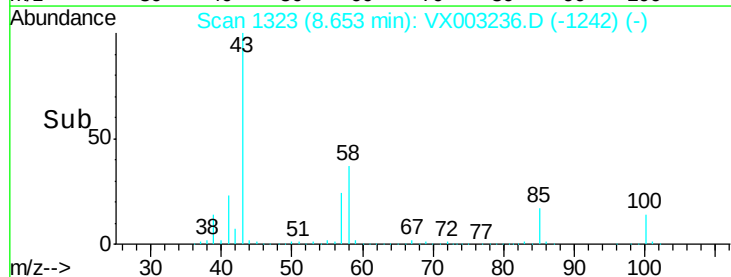
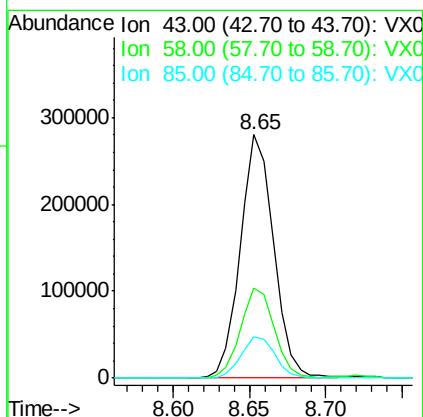
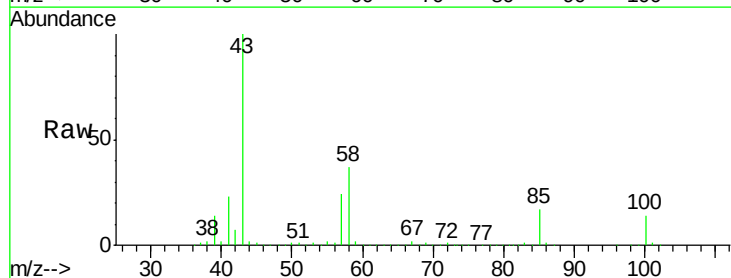
Instrument :
MSVOA_X
ClientSampled :

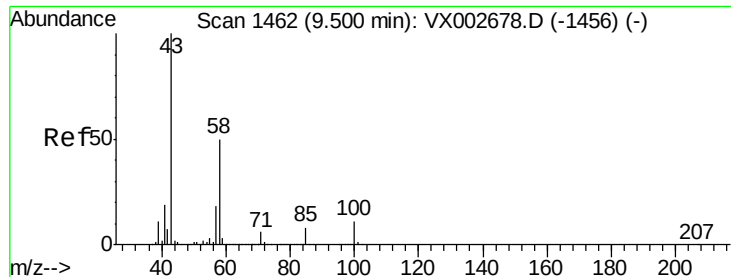
Tot Ion:117 Resp: 286021
Ion Ratio Lower Upper
117 100
82 52.4 44.3 66.5
119 32.4 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 87.44 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

Tgt Ion: 43 Resp: 424610
Ion Ratio Lower Upper
43 100
58 37.5 28.2 42.4
85 17.5 12.4 18.6

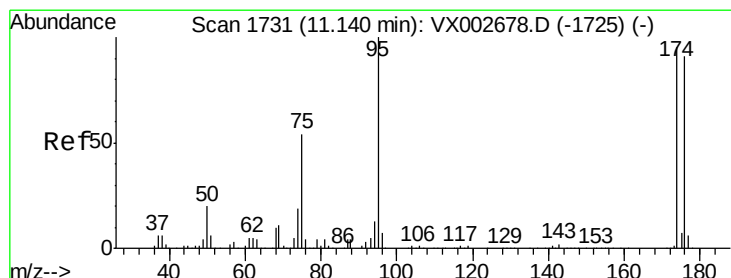
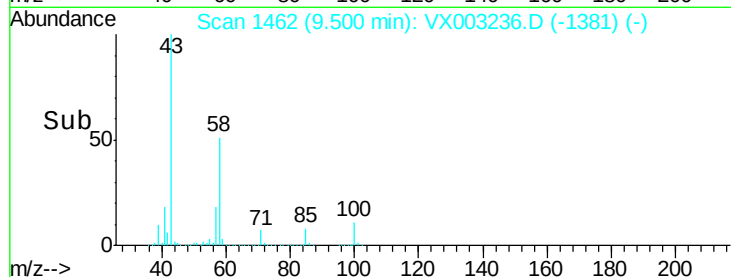
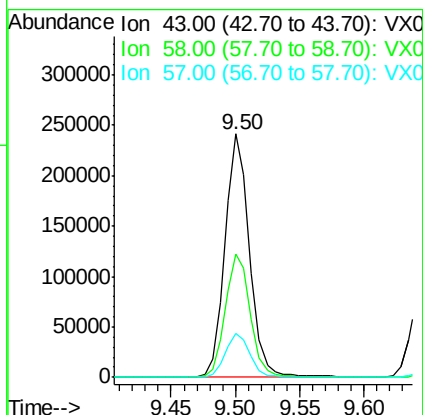
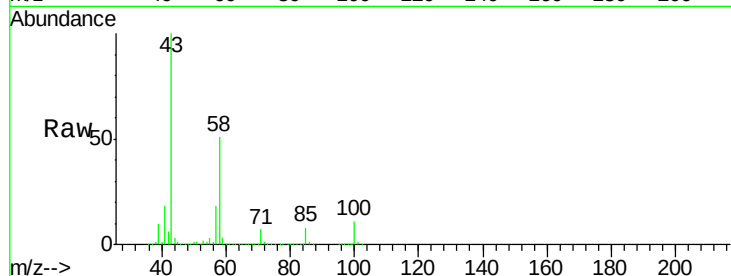




#59
2-Hexanone
Concen: 87.22 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

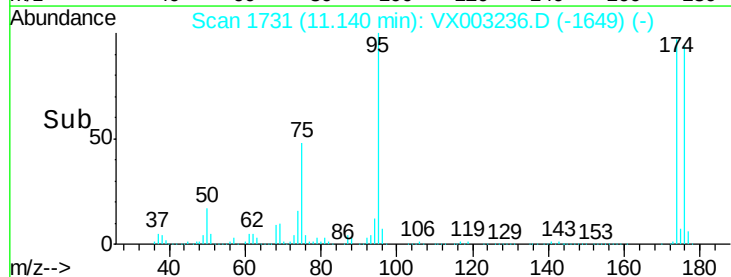
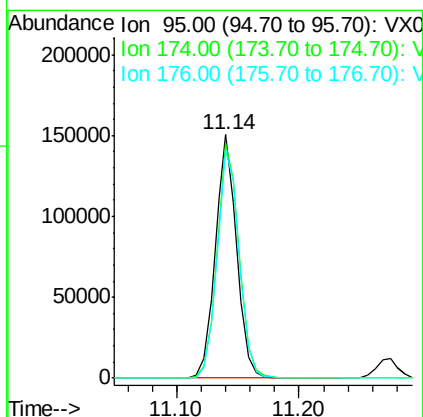
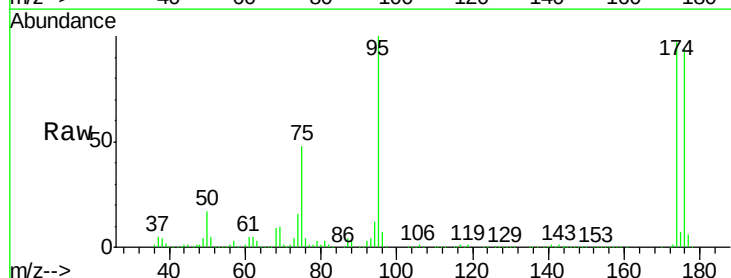
Instrument :
MSVOA_X
ClientSampleId :

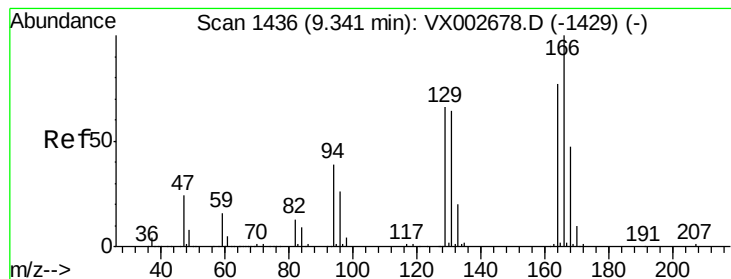
Tot Ion: 43 Resp: 323791
Ion Ratio Lower Upper
43 100
58 51.9 39.6 59.4
57 18.3 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 38.60 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

Tgt Ion: 95 Resp: 182339
Ion Ratio Lower Upper
95 100
174 99.8 71.8 107.6
176 96.8 70.1 105.1





#61

Tetrachloroethene

Concen: 20.05 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:164 Resp: 78698

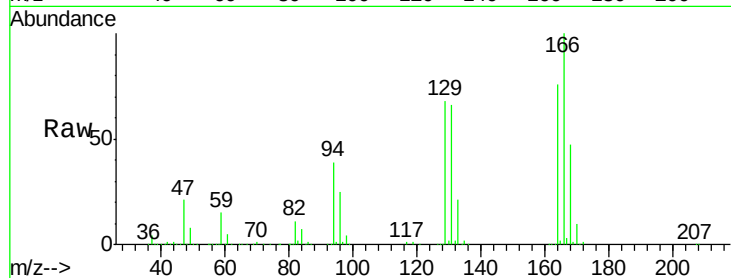
Ion Ratio Lower Upper

164 100

166 131.2 102.4 153.6

129 89.7 70.1 105.1

131 86.1 69.1 103.7

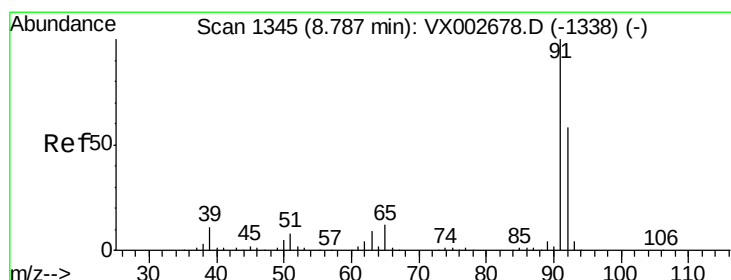
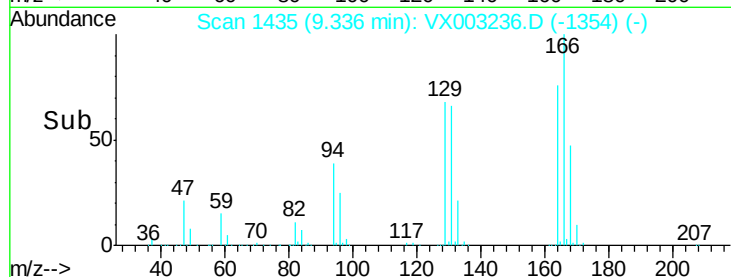
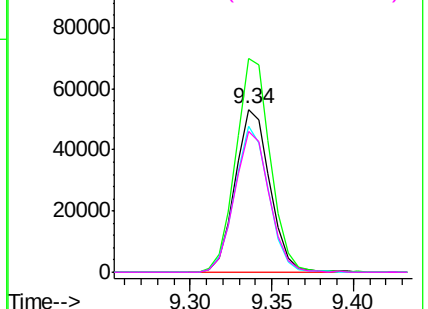


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 17.82 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX003236.D

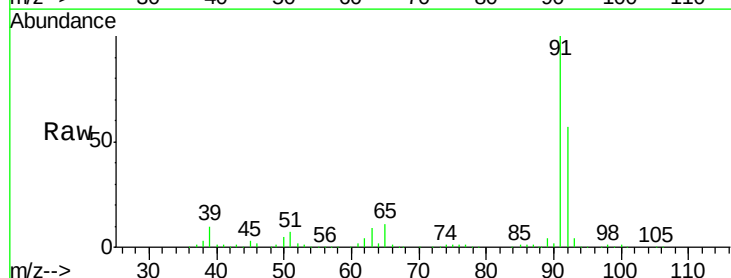
Acq: 07 Jul 2018 02:00

Tgt Ion: 91 Resp: 245683

Ion Ratio Lower Upper

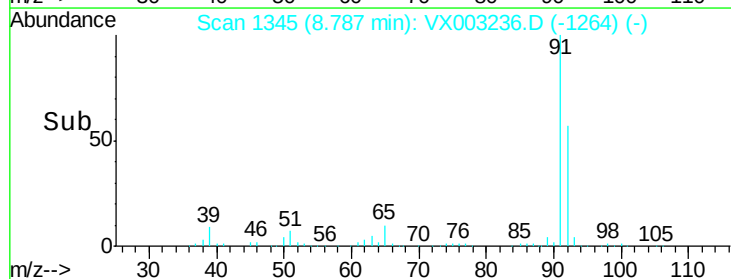
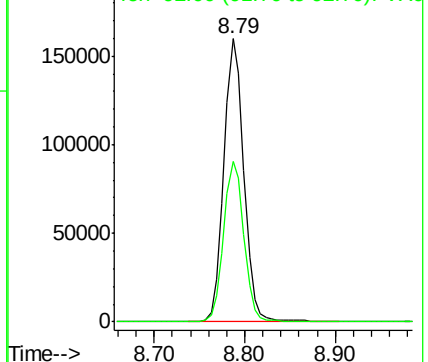
91 100

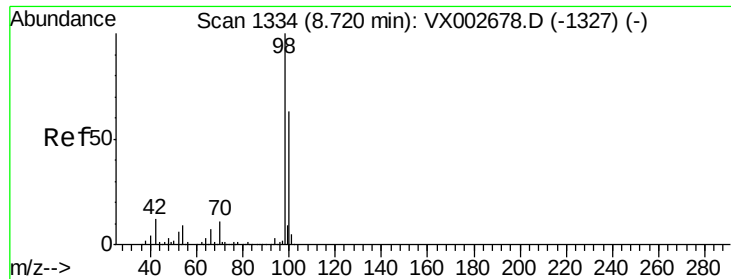
92 57.3 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 37.74 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

Instrument :

MSVOA_X

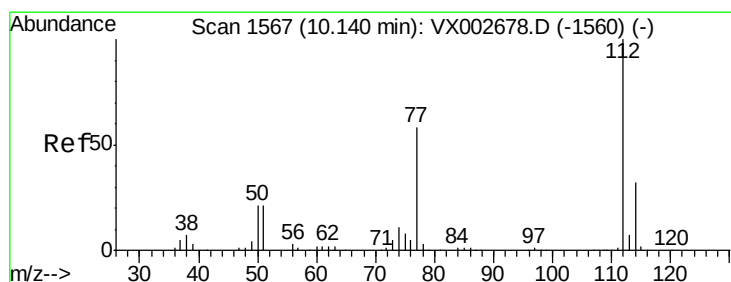
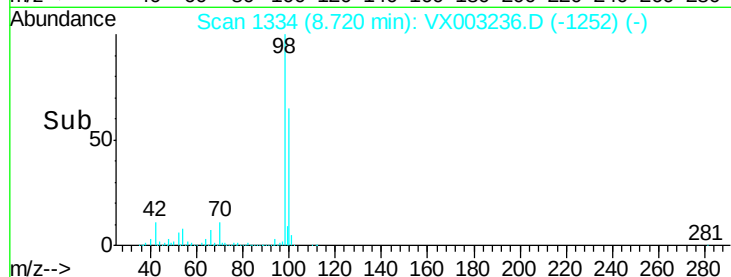
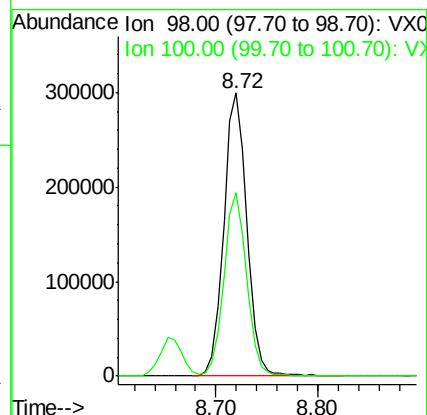
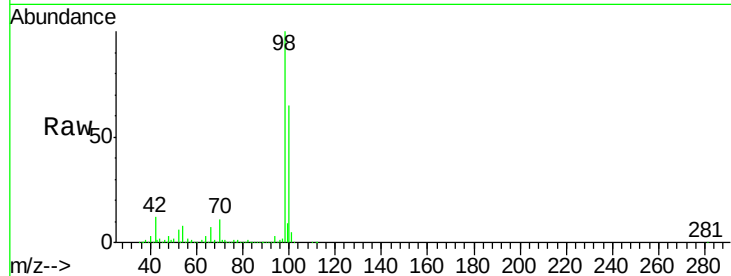
ClientSampleId :

Tot Ion: 98 Resp: 471570

Ion Ratio Lower Upper

98 100

100 64.3 50.8 76.2



#64

Chlorobenzene

Concen: 17.98 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003236.D

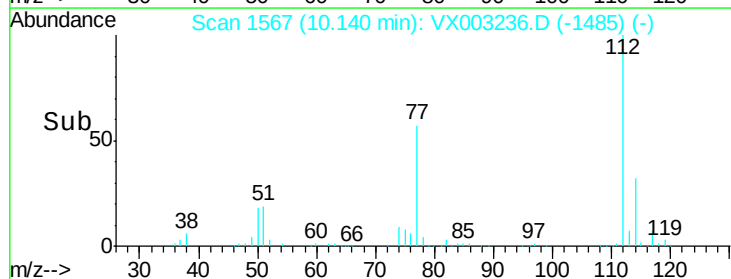
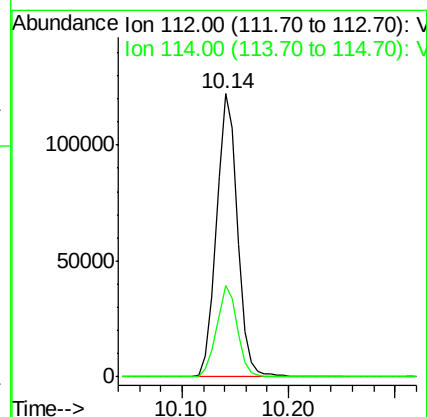
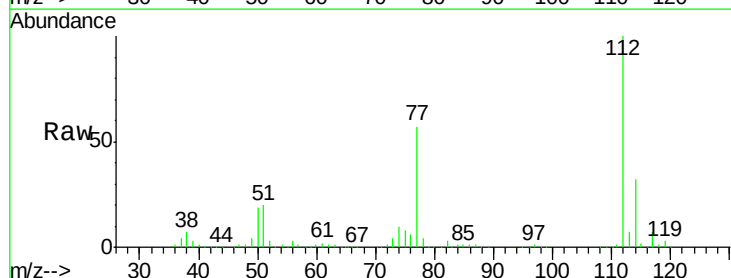
Acq: 07 Jul 2018 02:00

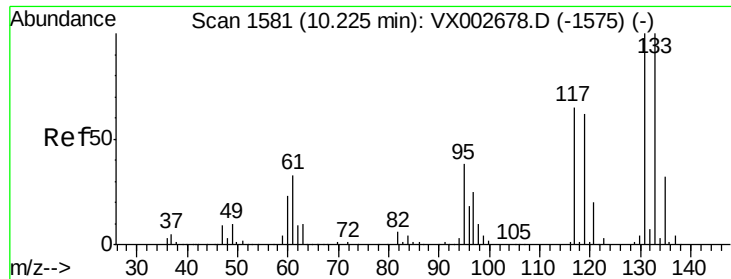
Tgt Ion: 112 Resp: 164684

Ion Ratio Lower Upper

112 100

114 32.3 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 18.19 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

Instrument :

MSVOA_X

ClientSampleId :

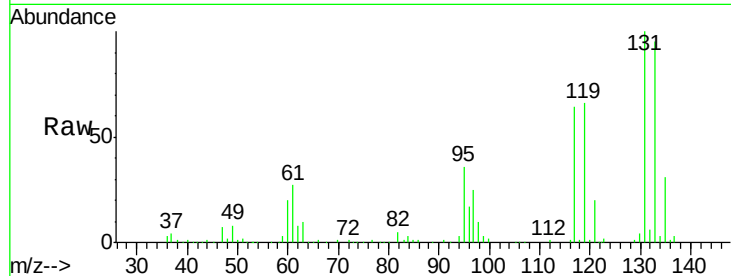
Tot Ion:131 Resp: 61070

Ion Ratio Lower Upper

131 100

133 95.4 0.0 191.2

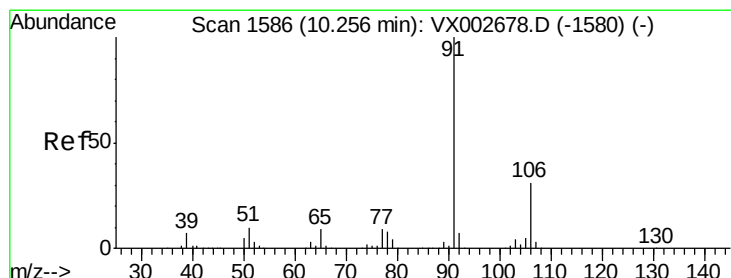
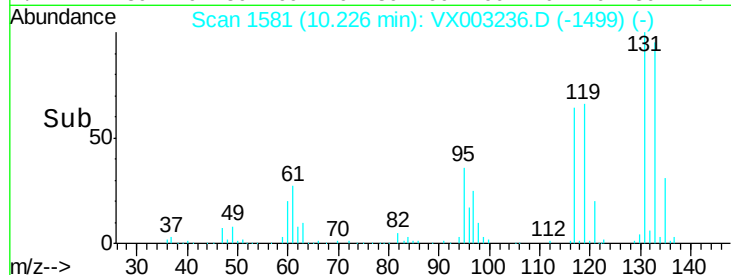
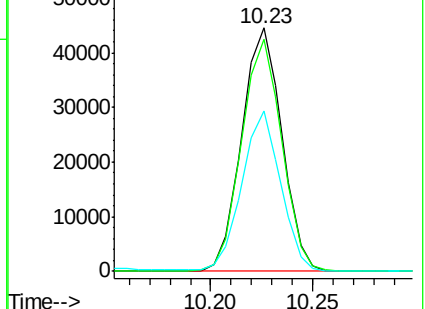
119 64.0 0.0 125.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 16.96 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003236.D

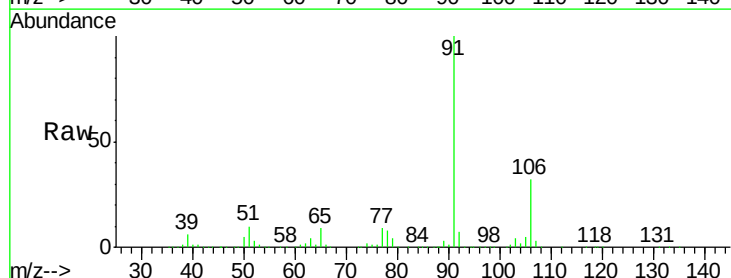
Acq: 07 Jul 2018 02:00

Tgt Ion: 91 Resp: 263353

Ion Ratio Lower Upper

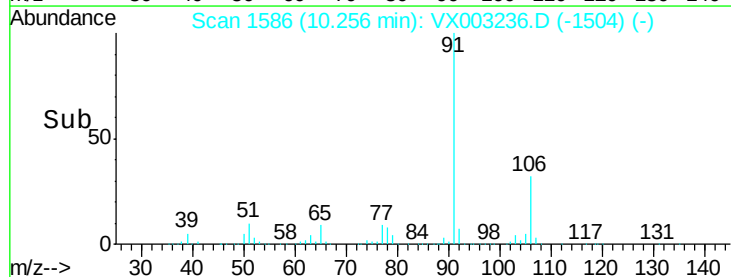
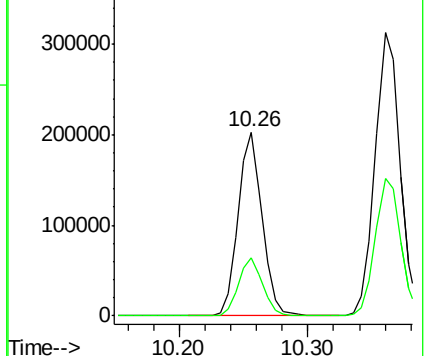
91 100

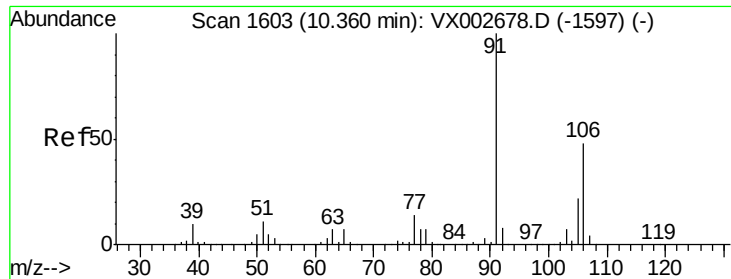
106 31.8 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 34.16 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

Instrument :

MSVOA_X

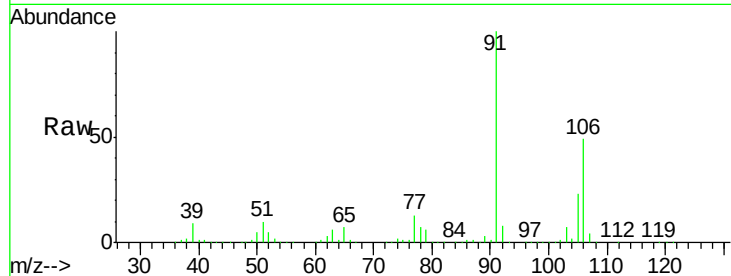
ClientSampleId :

Tot Ion:106 Resp: 206135

Ion Ratio Lower Upper

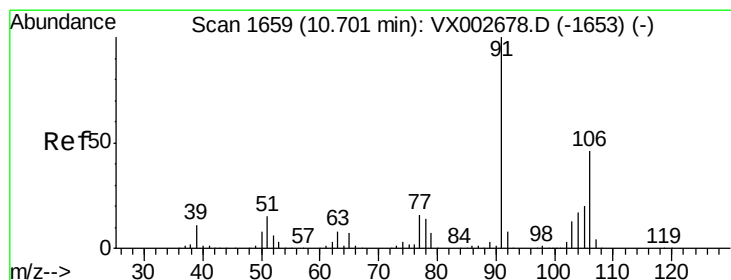
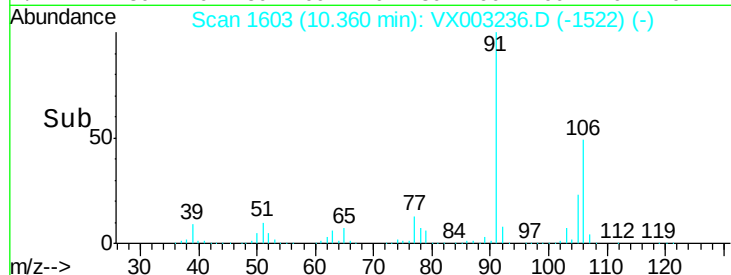
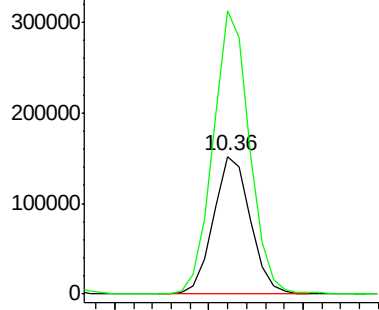
106 100

91 203.2 164.1 246.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 17.34 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX003236.D

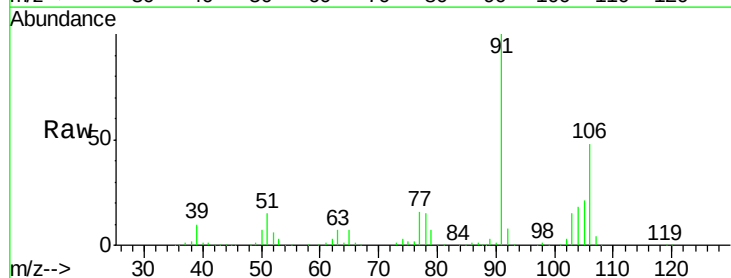
Acq: 07 Jul 2018 02:00

Tgt Ion:106 Resp: 101914

Ion Ratio Lower Upper

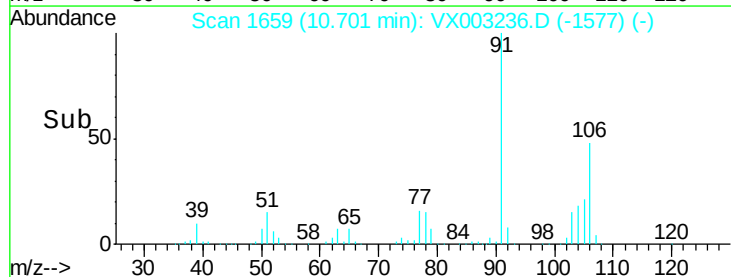
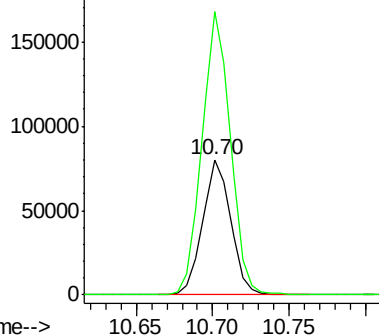
106 100

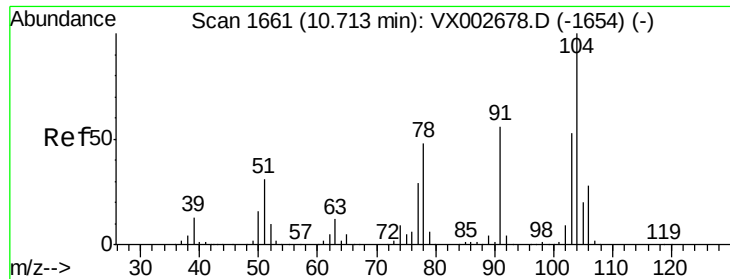
91 211.2 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

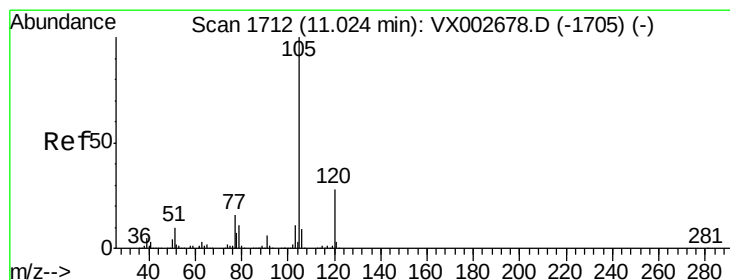
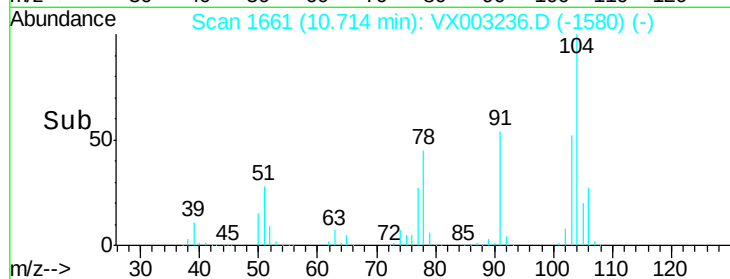
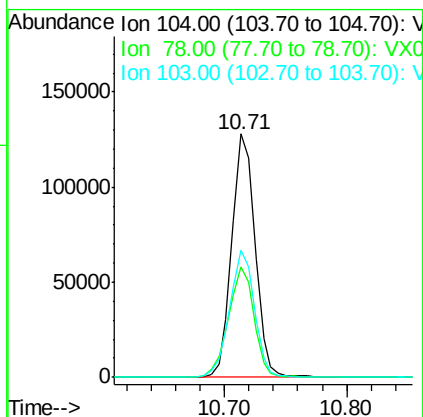
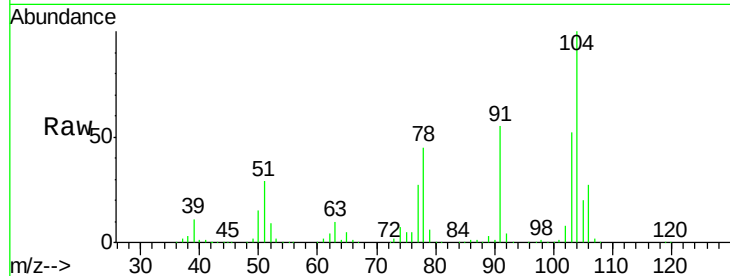




#69
Stvrene
Concen: 17.14 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

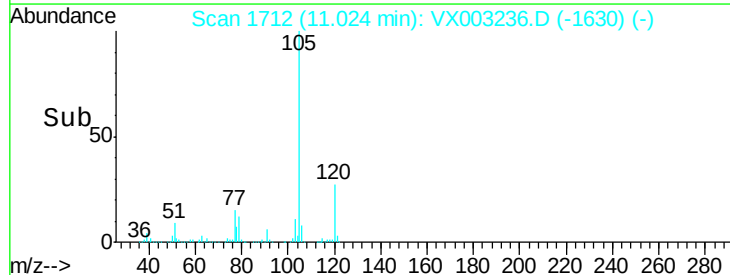
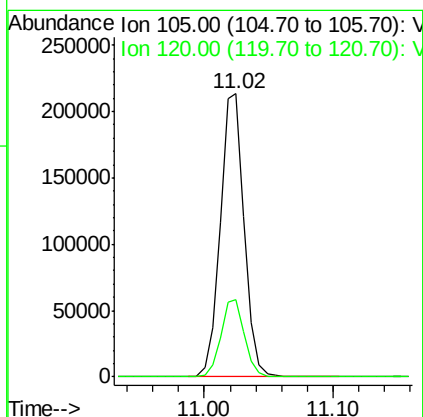
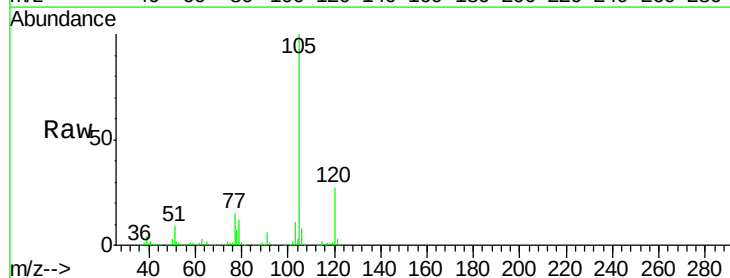
Instrument :
MSVOA_X
ClientSampleId :

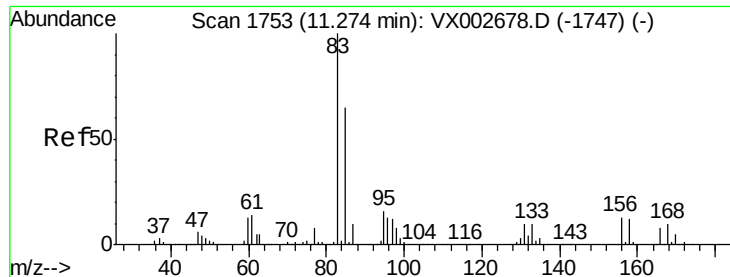
Tot Ion:104 Resp: 168102
Ion Ratio Lower Upper
104 100
78 49.5 41.8 62.8
103 55.7 44.9 67.3



#70
Isopropylbenzene
Concen: 17.13 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

Tgt Ion:105 Resp: 277669
Ion Ratio Lower Upper
105 100
120 27.3 19.0 35.2

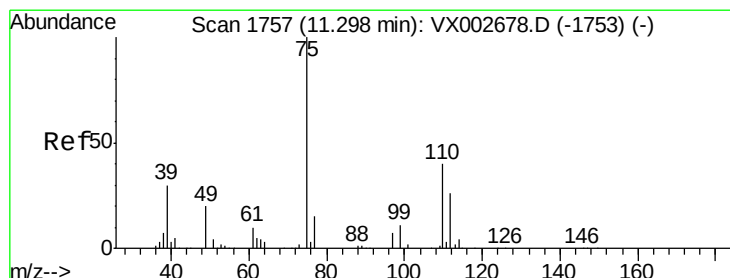
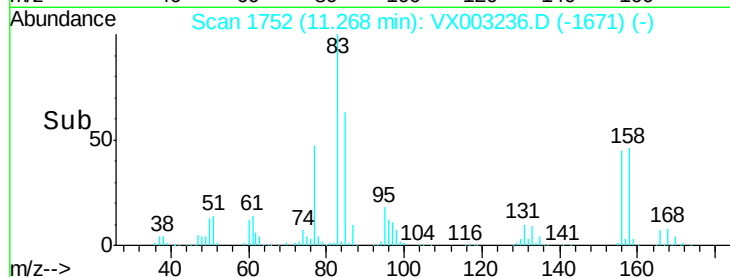
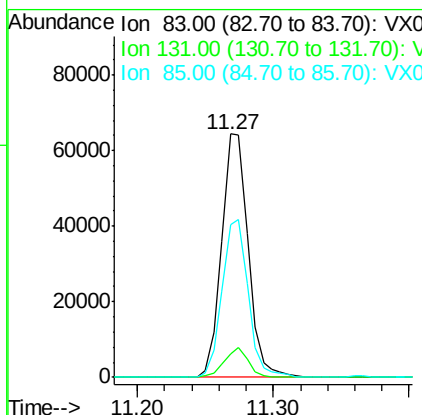
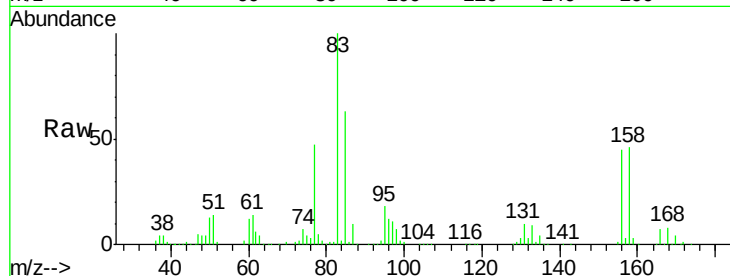




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.05 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: VX003236.D
 Acq: 07 Jul 2018 02:00

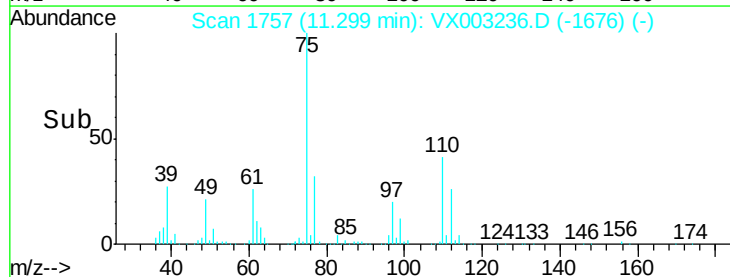
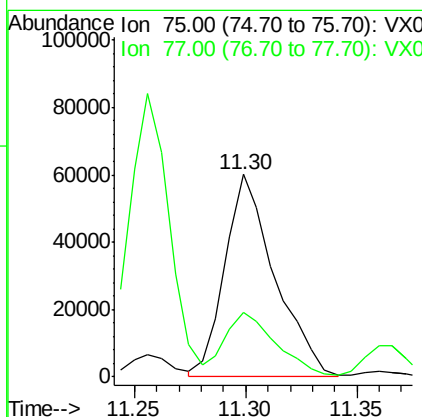
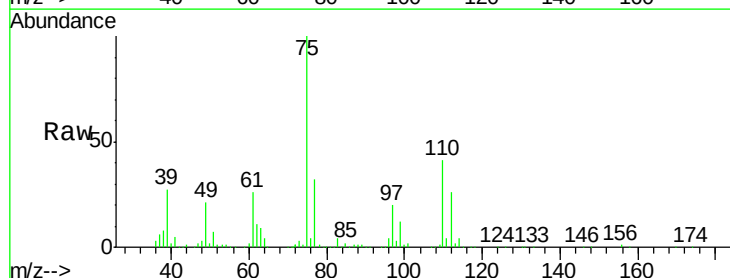
Instrument :
 MSVOA_X
 ClientSampled :

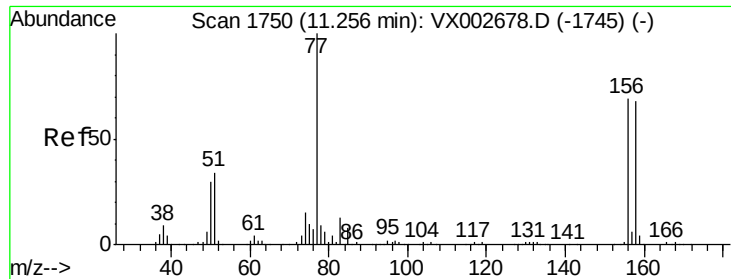
Tot Ion: 83 Resp: 87481
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.4 16.2
 85 63.8 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 22.25 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VX003236.D
 Acq: 07 Jul 2018 02:00

Tgt Ion: 75 Resp: 93456
 Ion Ratio Lower Upper
 75 100
 77 30.9 0.0 71.8

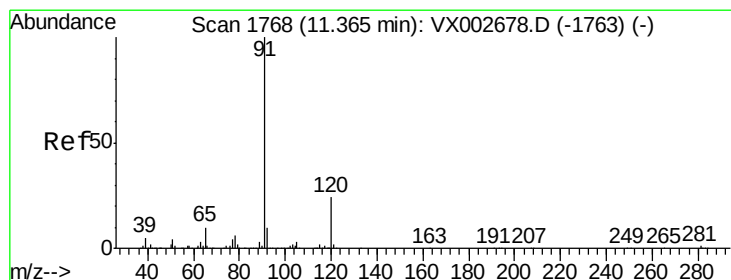
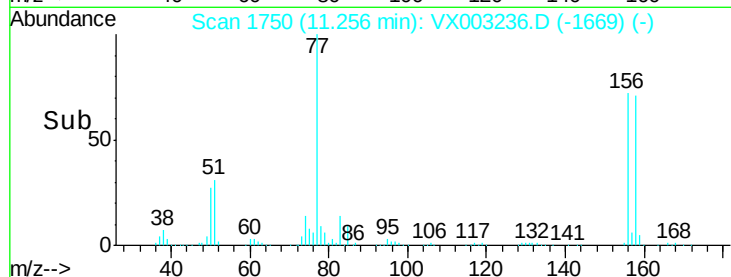
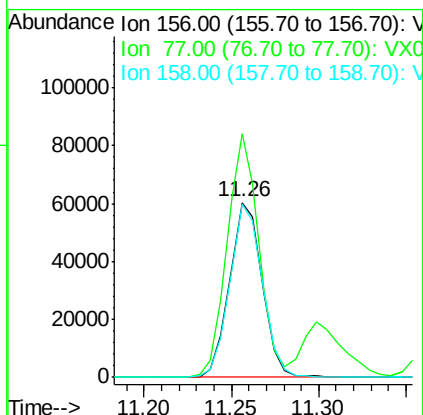
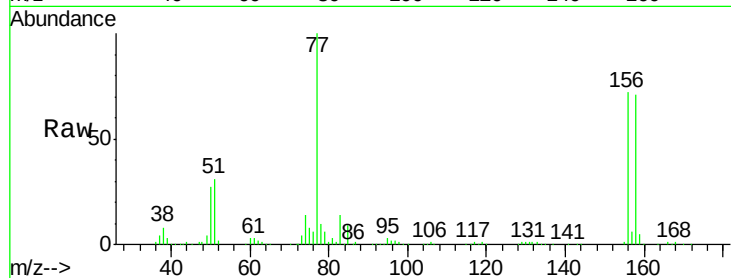




#73
Bromobenzene
Concen: 17.38 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. -0.01 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

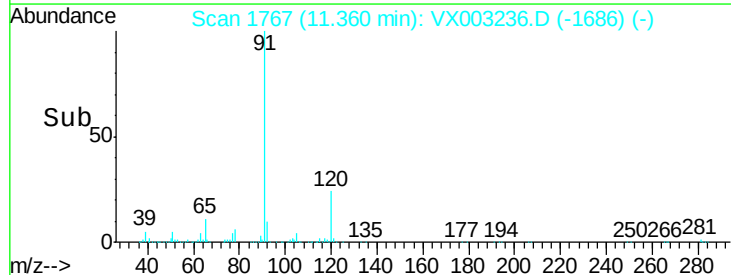
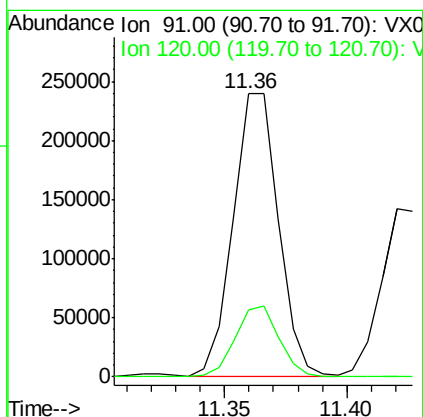
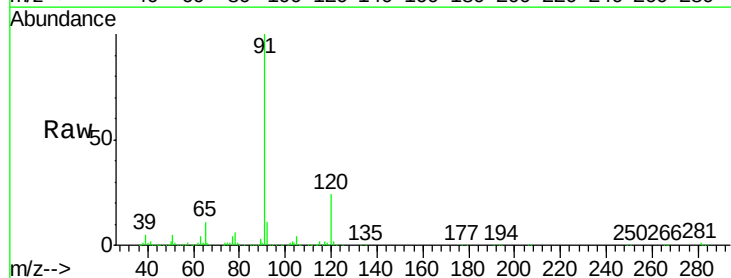
Instrument :
MSVOA_X
ClientSampleId :

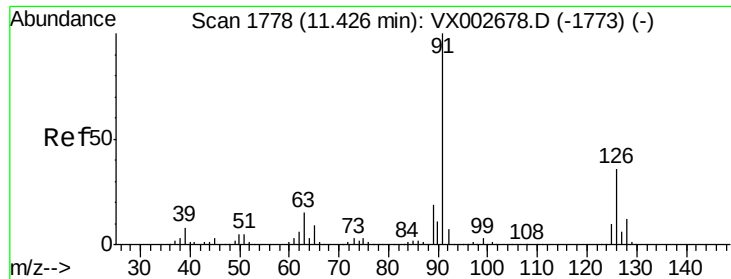
Tot Ion:156 Resp: 78353
Ion Ratio Lower Upper
156 100
77 135.0 0.0 301.0
158 99.2 0.0 196.2



#74
n-propylbenzene
Concen: 16.48 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.01 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

Tgt Ion: 91 Resp: 310031
Ion Ratio Lower Upper
91 100
120 24.0 0.0 46.2





#75

2-Chlorotoluene

Concen: 17.33 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

Instrument :

MSVOA_X

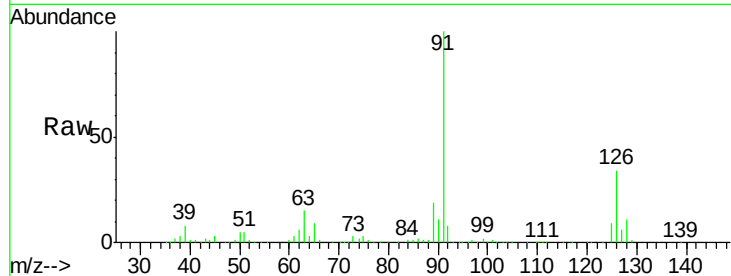
ClientSampleId :

Tot Ion: 91 Resp: 189744

Ion Ratio Lower Upper

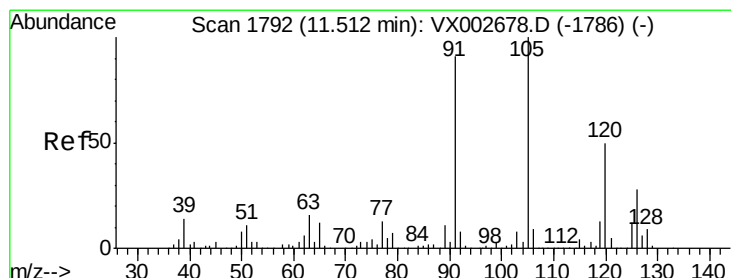
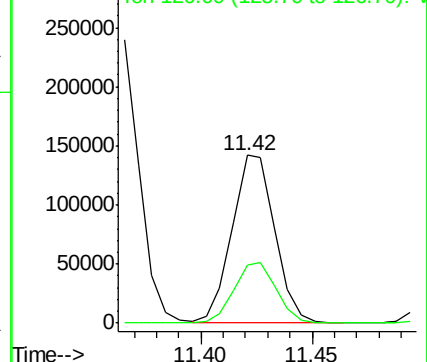
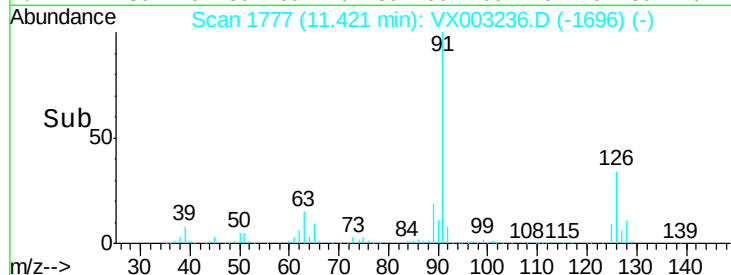
91 100

126 35.6 0.0 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 16.74 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003236.D

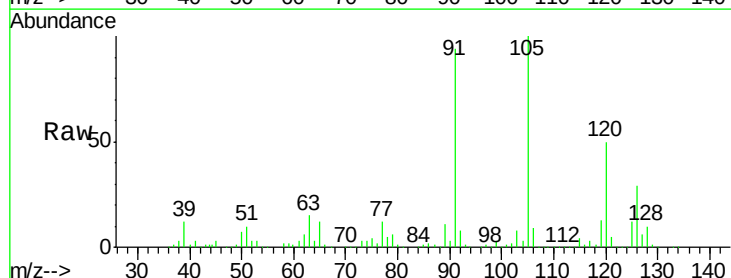
Acq: 07 Jul 2018 02:00

Tgt Ion:105 Resp: 230419

Ion Ratio Lower Upper

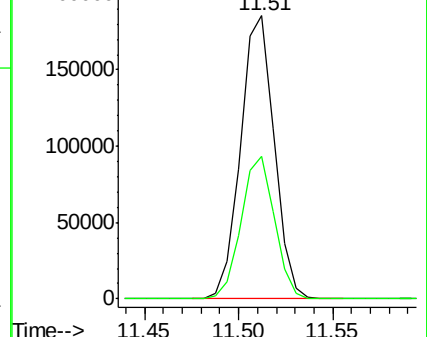
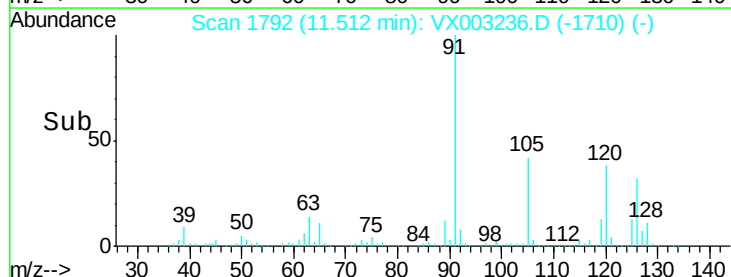
105 100

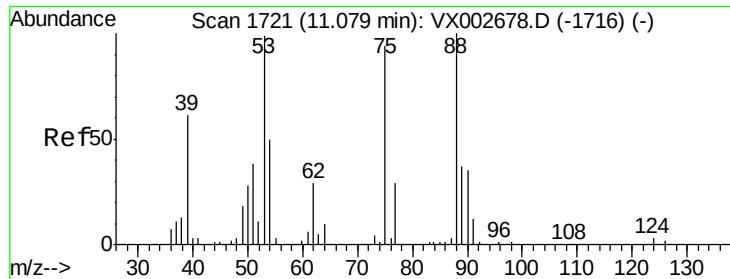
120 49.8 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 13.91 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

Instrument :

MSVOA_X

ClientSampled :

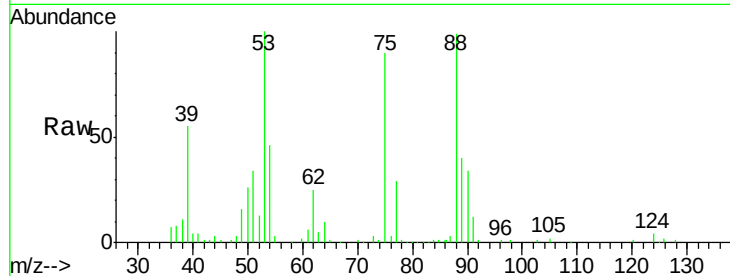
Tot Ion: 75 Resp: 18797

Ion Ratio Lower Upper

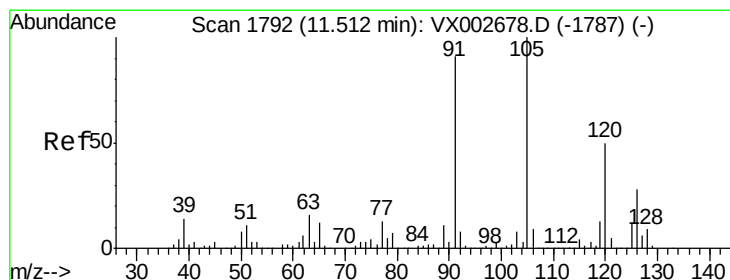
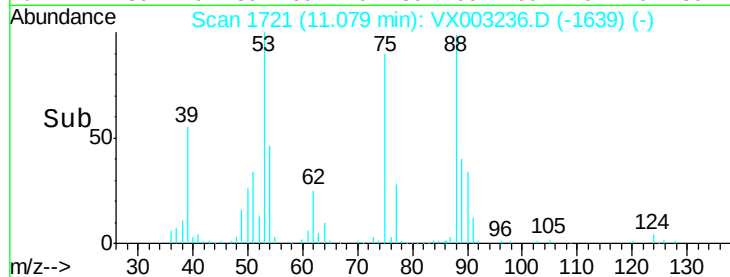
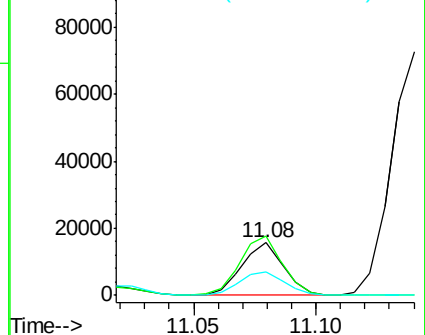
75 100

53 111.6 48.3 144.9

89 45.0 21.8 65.4



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 16.72 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003236.D

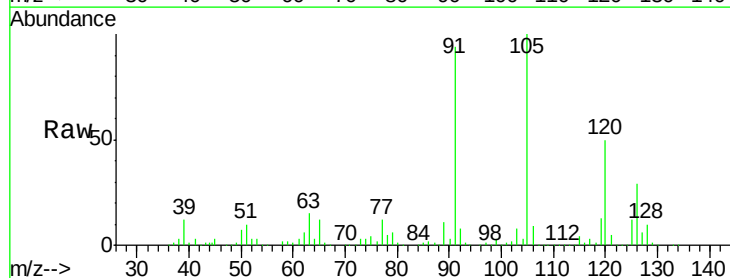
Acq: 07 Jul 2018 02:00

Tgt Ion: 91 Resp: 216887

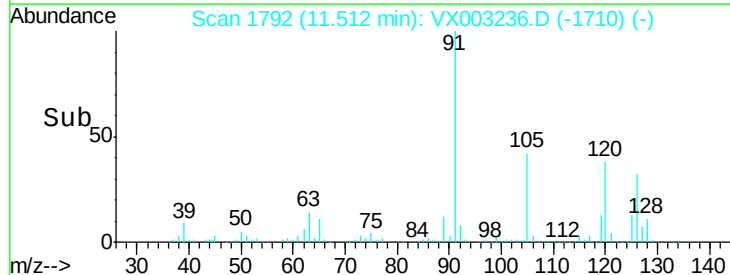
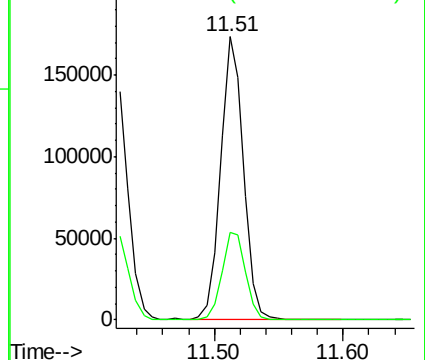
Ion Ratio Lower Upper

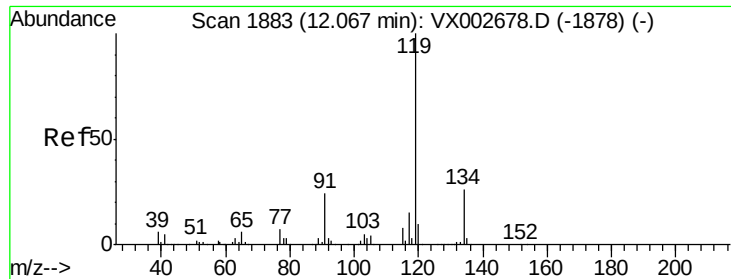
91 100

126 31.9 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V

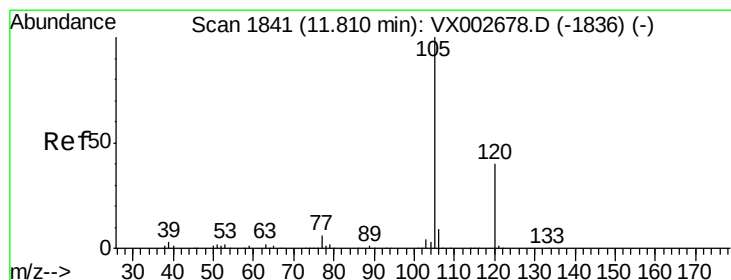
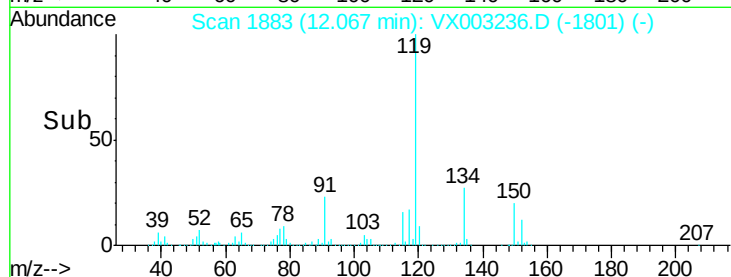
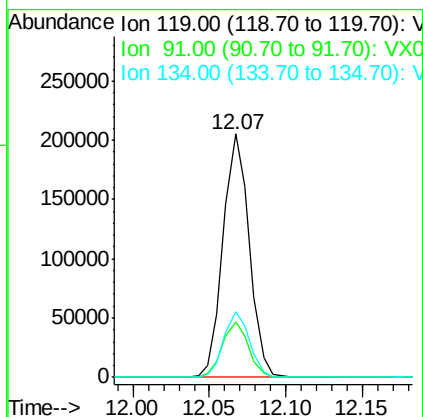
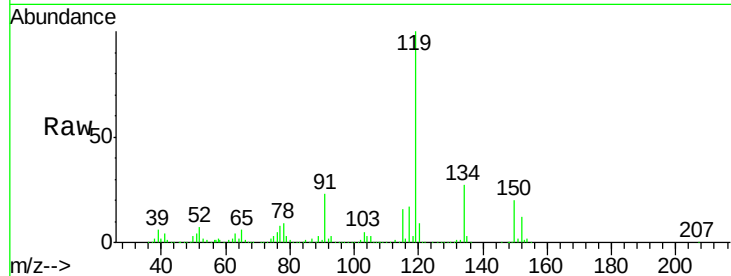




#79
tert-butylbenzene
Concen: 16.03 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

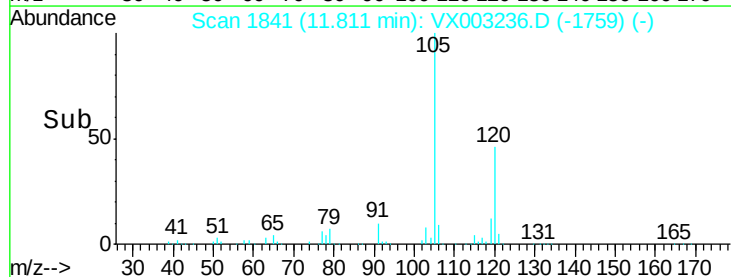
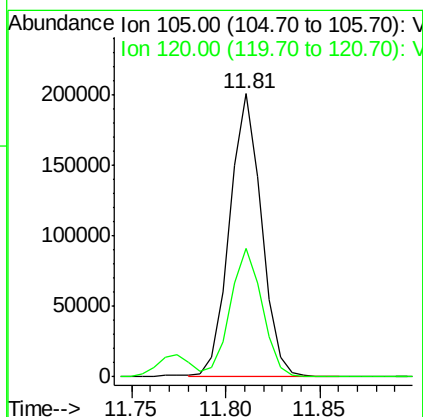
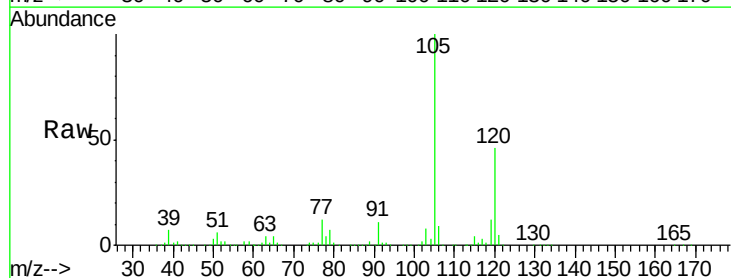
Instrument :
MSVOA_X
ClientSampleId :

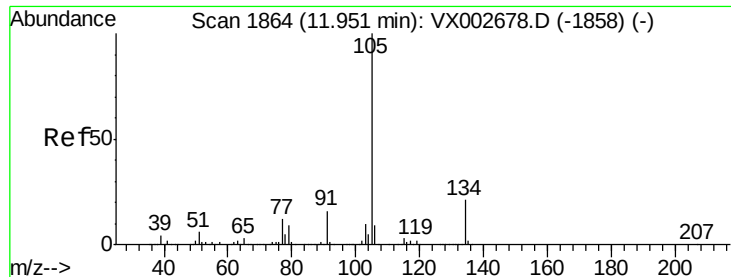
Tot Ion:119 Resp: 243296
Ion Ratio Lower Upper
119 100
91 22.8 0.0 48.0
134 26.8 0.0 52.6



#80
1,2,4-Trimethylbenzene
Concen: 16.68 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003236.D
Acq: 07 Jul 2018 02:00

Tgt Ion:105 Resp: 234404
Ion Ratio Lower Upper
105 100
120 45.8 0.0 89.2





#81

sec-Butylbenzene

Concen: 16.15 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

Instrument :

MSVOA_X

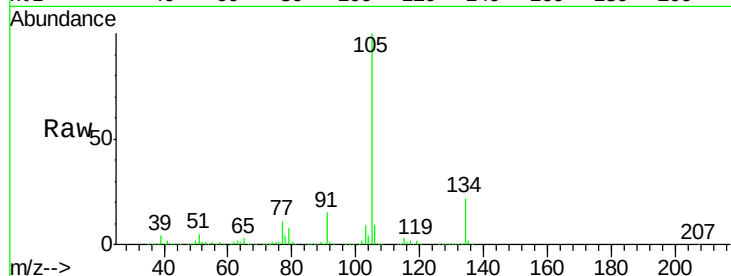
ClientSampleId :

Tot Ion:105 Resp: 271920

Ion Ratio Lower Upper

105 100

134 21.3 0.0 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

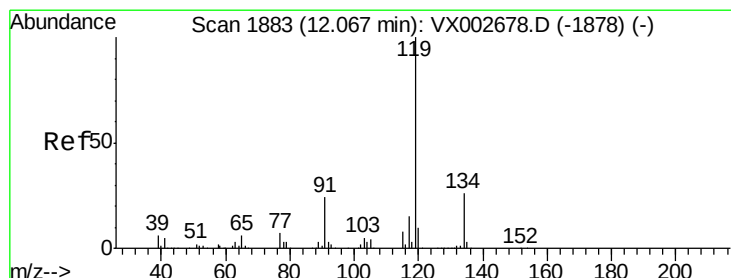
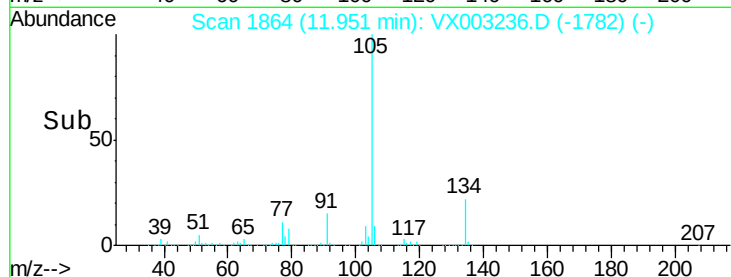
100000

50000

0

11.90 11.95 12.00

Time-->



#82

p-Isopropyltoluene

Concen: 16.03 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

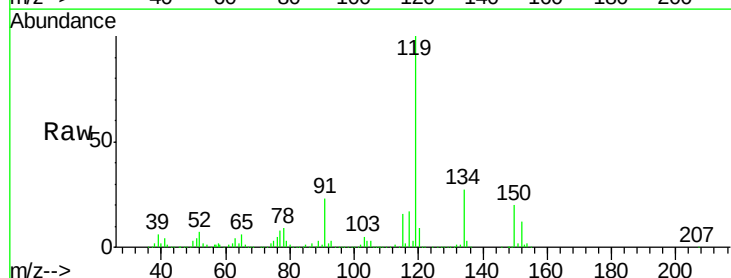
Tgt Ion:119 Resp: 243296

Ion Ratio Lower Upper

119 100

134 26.8 0.0 52.6

91 22.8 0.0 48.0



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): V

250000

200000

150000

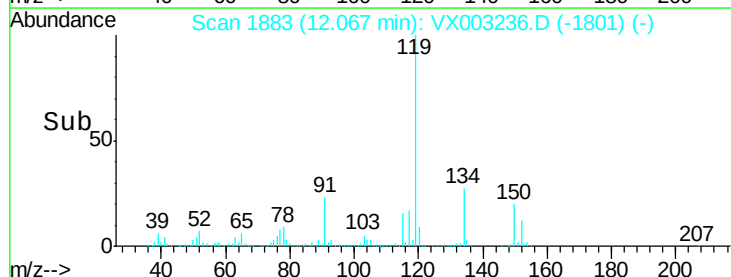
100000

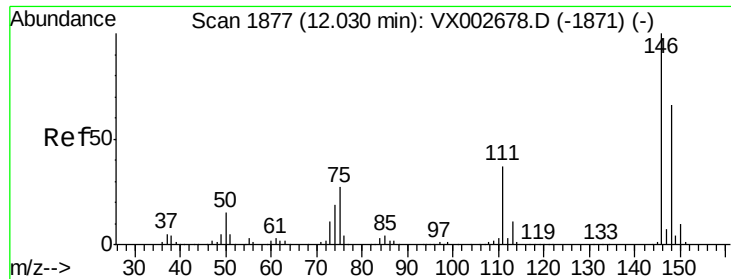
50000

0

12.00 12.05 12.10 12.15

Time-->

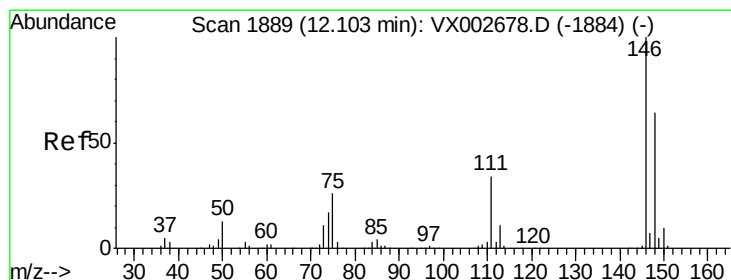
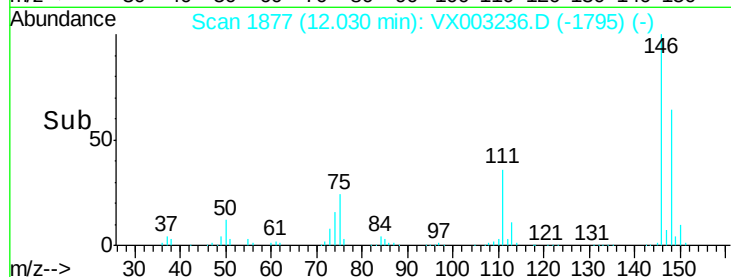
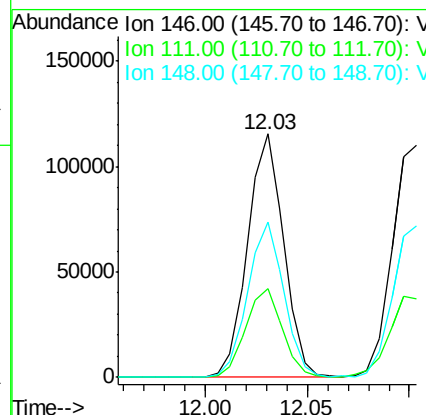
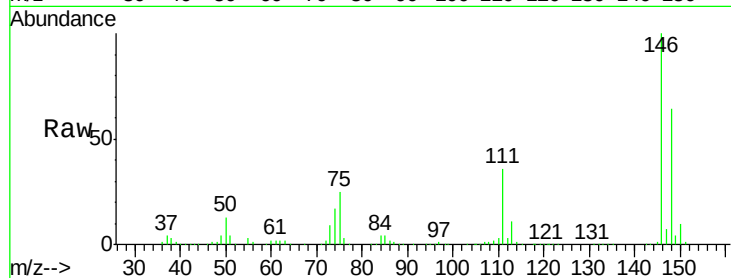




#83
 1,3-Dichlorobenzene
 Concen: 17.11 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003236.D
 Acq: 07 Jul 2018 02:00

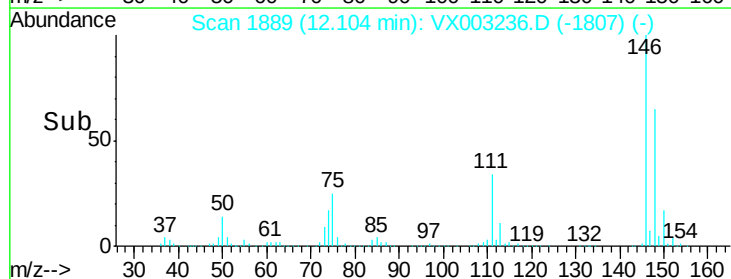
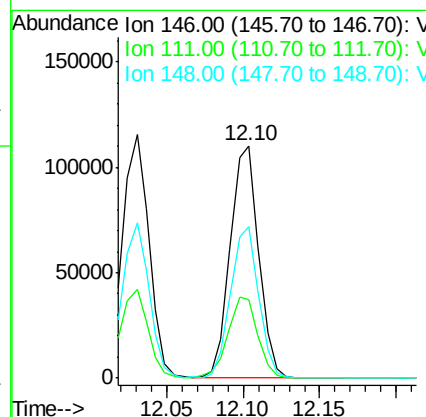
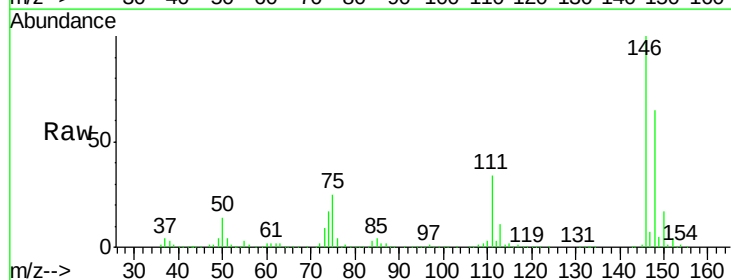
Instrument :
 MSVOA_X
 ClientSampled :

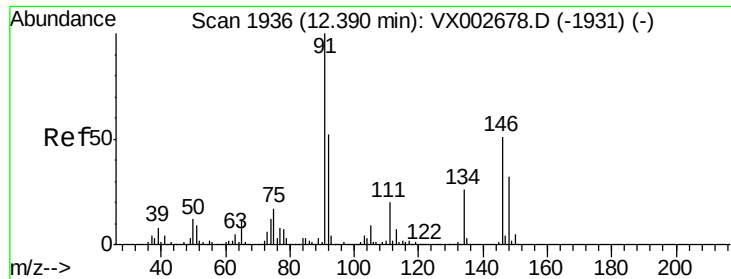
Tot Ion:146 Resp: 141940
 Ion Ratio Lower Upper
 146 100
 111 37.1 19.1 57.5
 148 64.2 31.9 95.7



#84
 1,4-Dichlorobenzene
 Concen: 16.99 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX003236.D
 Acq: 07 Jul 2018 02:00

Tgt Ion:146 Resp: 142358
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.5 55.5
 148 63.6 32.0 96.0





#85

n-Butylbenzene

Concen: 14.24 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

Instrument :

MSVOA_X

ClientSampleId :

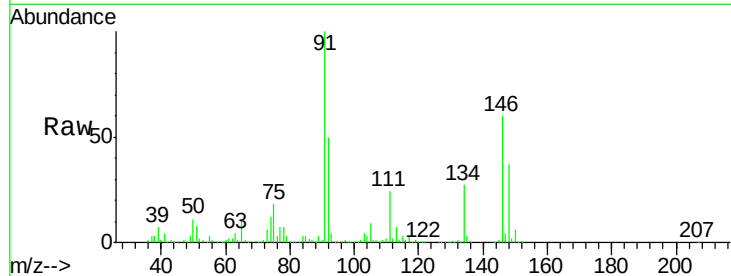
Tot Ion: 91 Resp: 191628

Ion Ratio Lower Upper

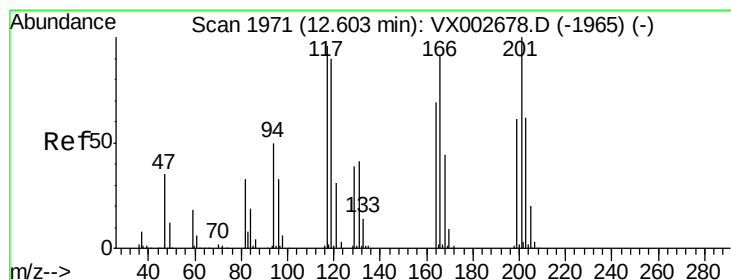
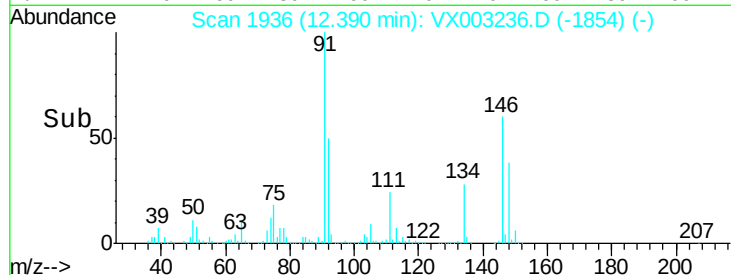
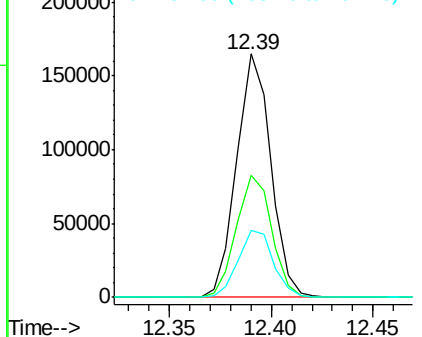
91 100

92 51.8 0.0 105.2

134 28.5 0.0 53.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V



#86

Hexachloroethane

Concen: 15.05 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.01 min

Lab File: VX003236.D

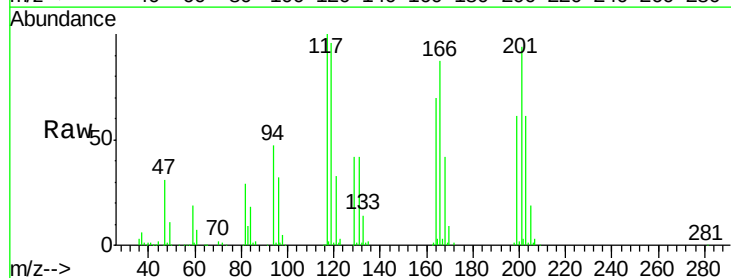
Acq: 07 Jul 2018 02:00

Tgt Ion: 117 Resp: 34634

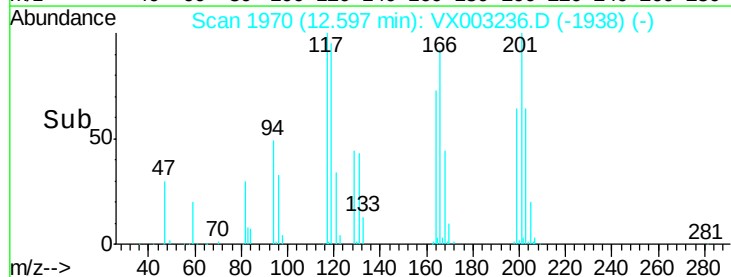
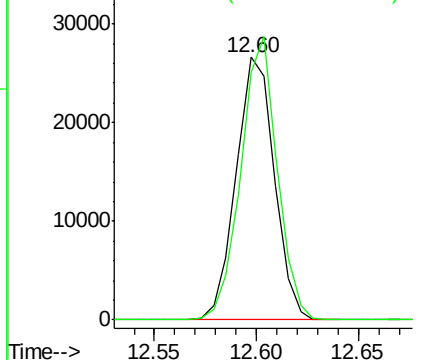
Ion Ratio Lower Upper

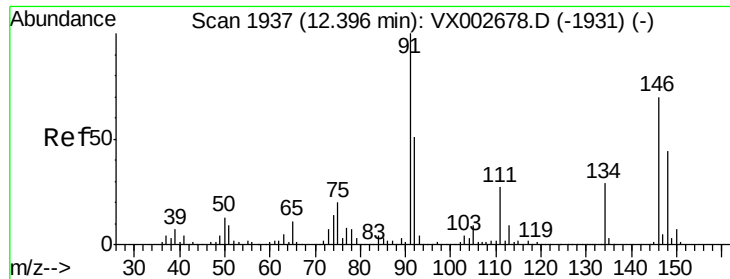
117 100

201 102.4 47.6 142.8



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 201.00 (200.70 to 201.70): V

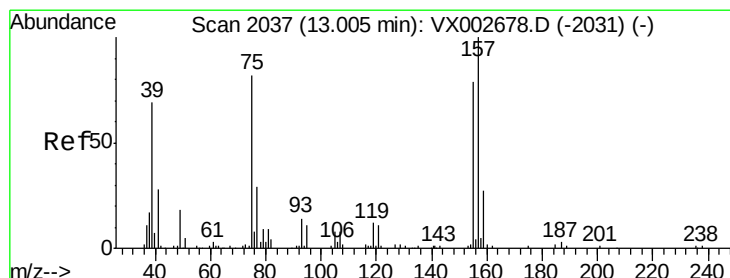
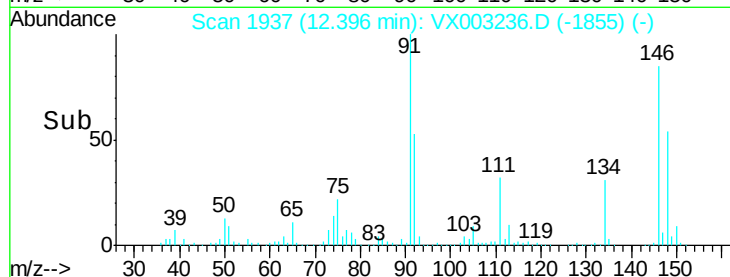
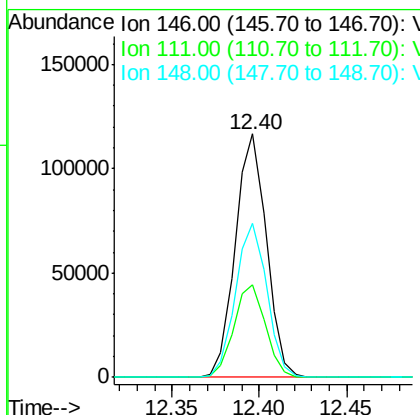
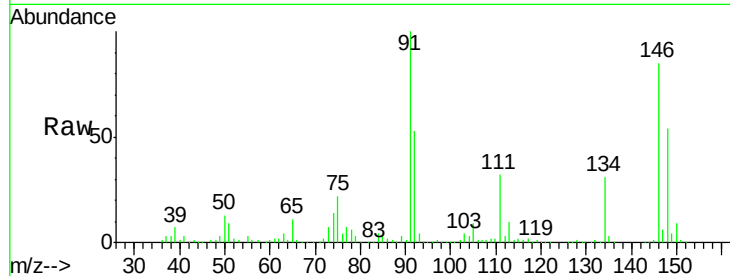




#87
 1,2-Dichlorobenzene
 Concen: 17.31 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003236.D
 Acq: 07 Jul 2018 02:00

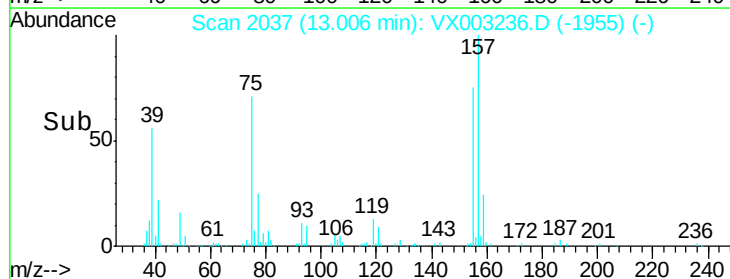
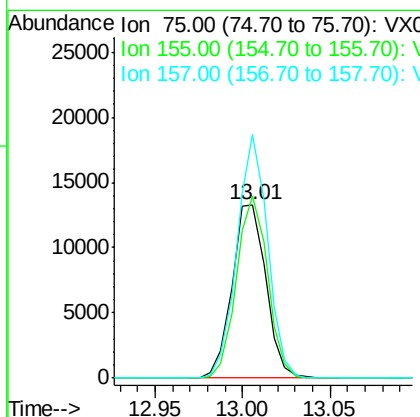
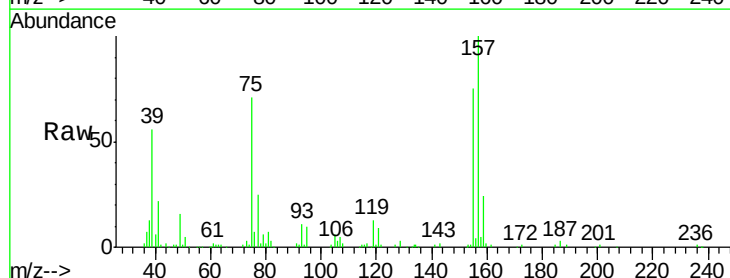
Instrument :
 MSVOA_X
 ClientSampled :

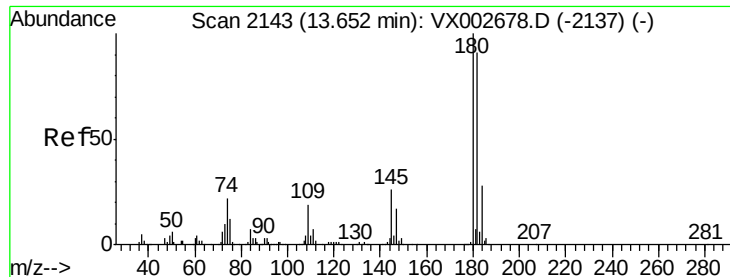
Tot Ion:146 Resp: 145019
 Ion Ratio Lower Upper
 146 100
 111 38.4 20.0 59.9
 148 63.8 32.8 98.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 16.58 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003236.D
 Acq: 07 Jul 2018 02:00

Tgt Ion: 75 Resp: 17953
 Ion Ratio Lower Upper
 75 100
 155 95.9 73.1 109.7
 157 126.2 93.1 139.7

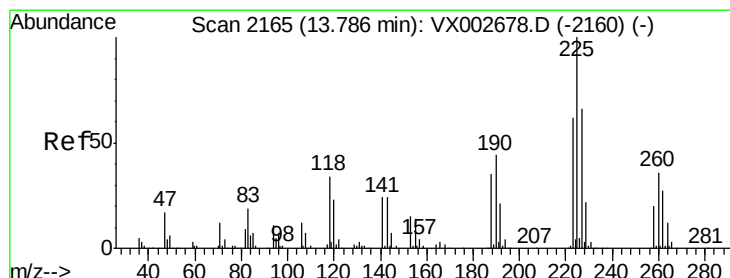
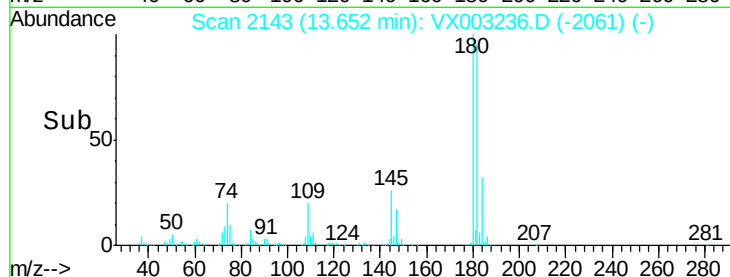
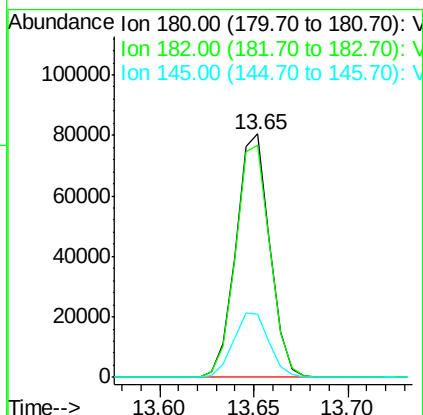
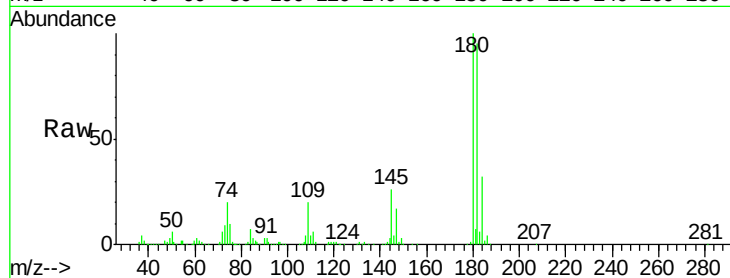




#89
 1,2,4-Trichlorobenzene
 Concen: 15.83 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003236.D
 Acq: 07 Jul 2018 02:00

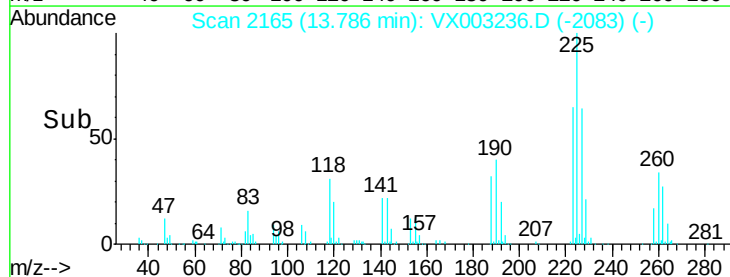
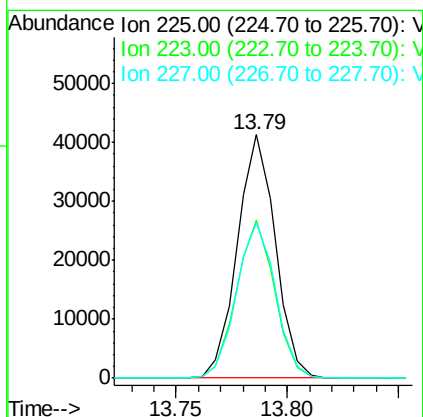
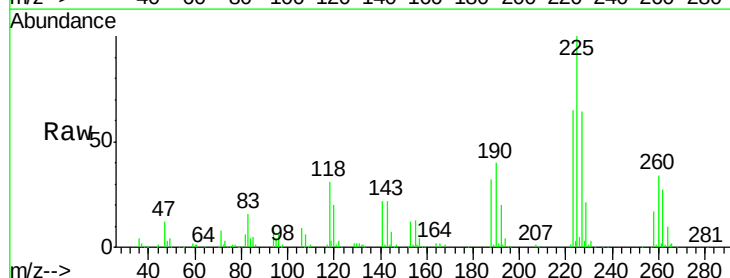
Instrument :
 MSVOA_X
 ClientSampleId :

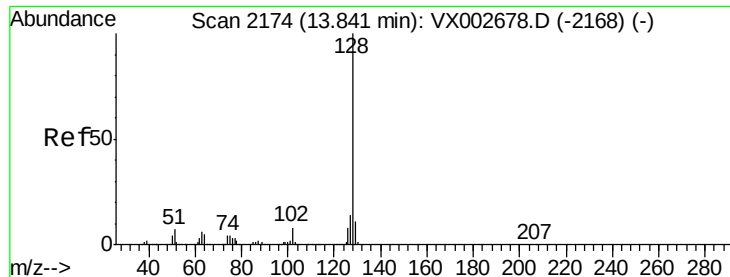
Tot Ion:180 Resp: 100072
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.4 114.6
 145 27.8 22.9 34.3



#90
 Hexachlorobutadiene
 Concen: 14.92 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003236.D
 Acq: 07 Jul 2018 02:00

Tgt Ion:225 Resp: 49129
 Ion Ratio Lower Upper
 225 100
 223 65.0 0.0 122.4
 227 65.3 0.0 128.0





#91

Naphthalene

Concen: 16.69 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

Instrument :

MSVOA_X

ClientSampleId :

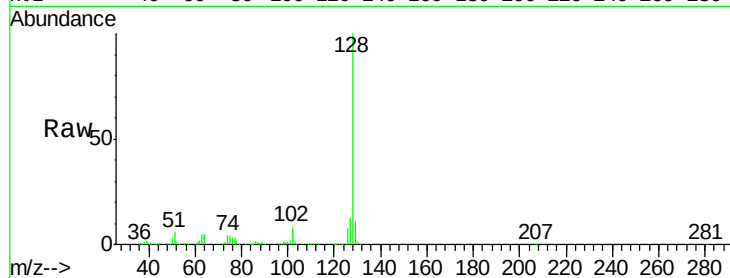
Tot Ion:128 Resp: 279820

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

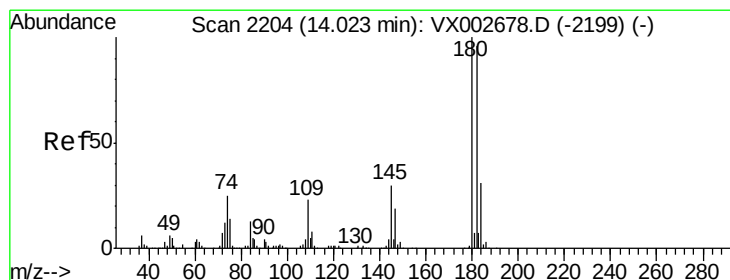
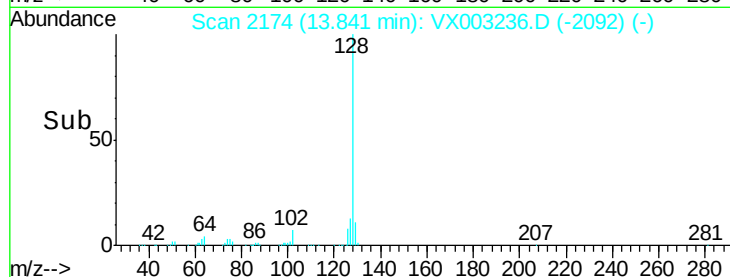
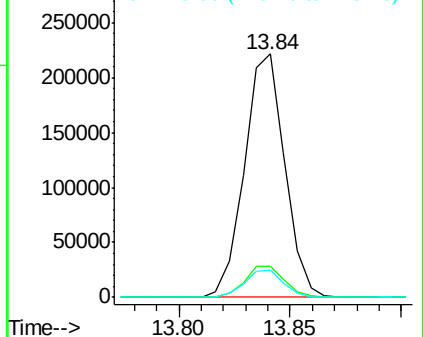
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 16.50 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003236.D

Acq: 07 Jul 2018 02:00

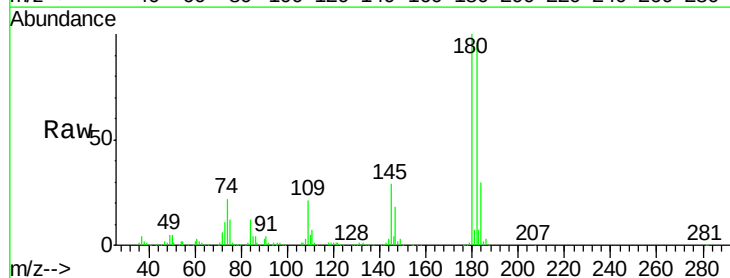
Tgt Ion:180 Resp: 103817

Ion Ratio Lower Upper

180 100

182 95.9 0.0 191.0

145 29.3 0.0 60.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

