

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002182.D
 Acq On : 31 May 2018 17:27
 Operator : JC/MD
 Sample : VX0531WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 01 03:22:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	202943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	303666	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179445	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	163418	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	
35) Dibromofluoromethane	5.51	113	122632	40.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.76%	
50) Toluene-d8	8.72	98	445213	40.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.00%	
62) 4-Bromofluorobenzene	11.14	95	173206	40.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39921	14.26	ug/l	98
3) Chloromethane	1.32	50	57685	18.47	ug/l	99
4) Vinyl Chloride	1.41	62	58771	19.49	ug/l	99
5) Bromomethane	1.64	94	36236	25.64	ug/l	96
6) Chloroethane	1.72	64	39958	22.48	ug/l	97
7) Trichlorofluoromethane	1.93	101	93723	20.70	ug/l	98
8) Diethyl Ether	2.19	74	40242	24.50	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51552	20.40	ug/l	97
10) Methyl Iodide	2.51	142	51225	14.98	ug/l	97
11) Tert butyl alcohol	3.08	59	88643	124.49	ug/l	99
12) 1,1-Dichloroethene	2.37	96	49676	21.00	ug/l	94
13) Acrolein	2.30	56	27294	88.65	ug/l	99
14) Allyl chloride	2.73	41	114665	23.09	ug/l	97
15) Acrylonitrile	3.15	53	180963	123.58	ug/l	100
16) Acetone	2.45	43	187479	133.91	ug/l	100
17) Carbon Disulfide	2.57	76	114683	16.85	ug/l	100
18) Methyl Acetate	2.78	43	93086	27.08	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	217567	24.45	ug/l	99
20) Methylene Chloride	2.86	84	64220	25.68	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	55177	23.11	ug/l	99
22) Diisopropyl ether	3.88	45	207875	20.58	ug/l	99
23) Vinyl Acetate	3.83	43	901787	107.69	ug/l	98
24) 1,1-Dichloroethane	3.70	63	104729	21.83	ug/l	99
25) 2-Butanone	4.71	43	255314	99.50	ug/l	99
26) 2,2-Dichloropropane	4.59	77	80868	16.65	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	60589	19.64	ug/l	90
28) Bromochloromethane	5.03	49	56434	27.06	ug/l	99
29) Tetrahydrofuran	5.17	42	163737	98.08	ug/l	100
30) Chloroform	5.22	83	107408	19.87	ug/l	96
31) Cyclohexane	5.57	56	82385	16.48	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	89126	17.69	ug/l	98
36) 1,1-Dichloropropene	5.80	75	70812	16.76	ug/l	99
37) Ethyl Acetate	4.87	43	99083	17.99	ug/l	98
38) Carbon Tetrachloride	5.79	117	74151	15.05	ug/l	94

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 ClientSampleId :

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 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82115	15.82	ug/l	98
40) Benzene	6.15	78	232266	18.77	ug/l	97
41) Methacrylonitrile	5.07	41	55725	18.31	ug/l	98
42) 1,2-Dichloroethane	6.20	62	95400	19.30	ug/l	98
43) Isopropyl Acetate	6.47	43	161922	17.65	ug/l	100
44) Trichloroethene	7.22	130	62312	17.28	ug/l	97
45) 1,2-Dichloropropane	7.52	63	63664	18.94	ug/l	98
46) Dibromomethane	7.67	93	41784	18.78	ug/l	99
47) Bromodichloromethane	7.90	83	75693	15.96	ug/l	95
48) Methyl methacrylate	7.78	41	83567	17.89	ug/l	98
49) 1,4-Dioxane	7.76	88	32520	395.18	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	532689	96.31	ug/l	99
52) Toluene	8.79	92	149483	18.98	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	92361	16.90	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	83866	15.75	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	62397	18.97	ug/l	98
56) Ethyl methacrylate	9.19	69	100270	17.72	ug/l	99
57) 1,3-Dichloropropane	9.38	76	105387	19.45	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	224827	89.64	ug/l	100
59) 2-Hexanone	9.50	43	405132	94.99	ug/l	99
60) Dibromochloromethane	9.59	129	58659	15.05	ug/l	100
61) 1,2-Dibromoethane	9.68	107	63141	18.29	ug/l	98
64) Tetrachloroethene	9.34	164	70889	17.56	ug/l	99
65) Chlorobenzene	10.14	112	169771	19.03	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	60658	16.84	ug/l	99
67) Ethyl Benzene	10.26	91	283615	18.30	ug/l	99
68) m/p-Xylenes	10.37	106	217550	36.72	ug/l	100
69) o-Xylene	10.70	106	110371	18.66	ug/l	99
70) Styrene	10.71	104	178276	18.17	ug/l	100
71) Bromoform	10.86	173	44010	12.89	ug/l #	100
73) Isopropylbenzene	11.02	105	284963	18.75	ug/l	99
74) N-amyl acetate	6.47	43	161922	18.56	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	90849	21.13	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	107459	24.93	ug/l	80
77) Bromobenzene	11.26	156	78515	19.47	ug/l	97
78) n-propylbenzene	11.37	91	313053	18.39	ug/l	99
79) 2-Chlorotoluene	11.43	91	196689	19.67	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	241786	18.62	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	23705	13.22	ug/l #	81
82) 4-Chlorotoluene	11.51	91	227987	18.99	ug/l	100
83) tert-Butylbenzene	11.77	119	234078	18.37	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	249345	18.58	ug/l	100
85) sec-Butylbenzene	11.95	105	277321	18.10	ug/l	100
86) p-Isopropyltoluene	12.07	119	248589	18.14	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	137285	19.01	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	139431	19.32	ug/l	99
89) n-Butylbenzene	12.39	91	202368	17.42	ug/l	98
90) Hexachloroethane	12.60	117	35961	13.30	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	143137	19.46	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20021	14.82	ug/l	99

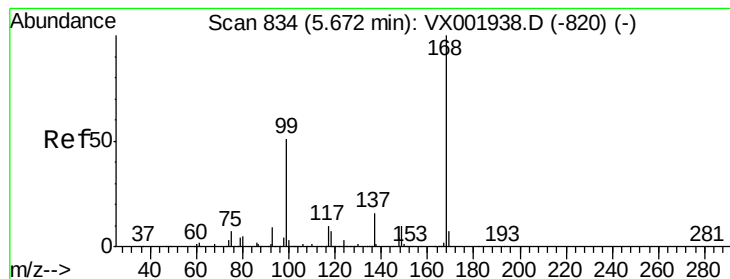
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	95593	18.17	ug/l	99
94) Hexachlorobutadiene	13.79	225	46869	16.56	ug/l	99
95) Naphthalene	13.84	128	307660	18.98	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99617	18.30	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

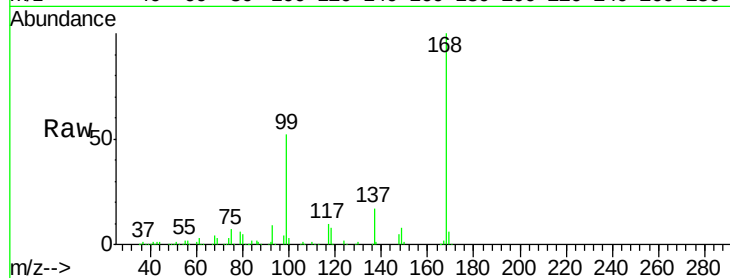
ClientSampleId :

Tot Ion:168 Resp: 202943

Ion Ratio Lower Upper

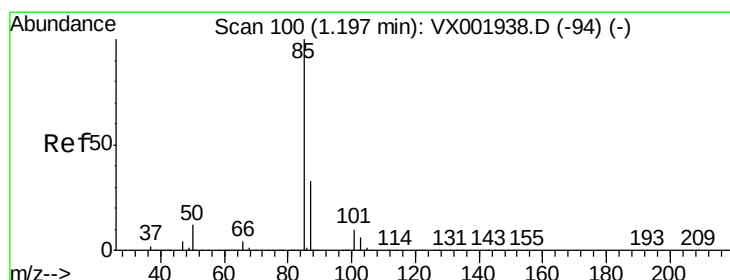
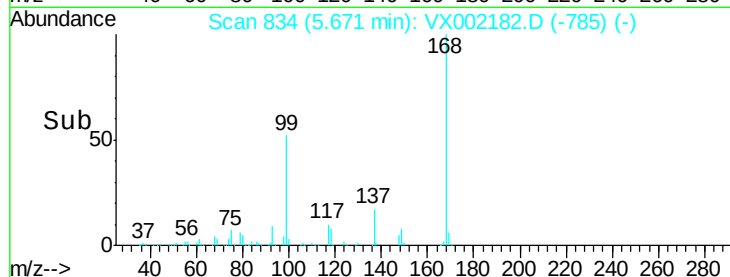
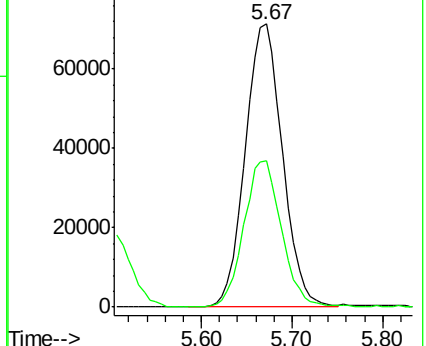
168 100

99 51.5 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 14.26 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002182.D

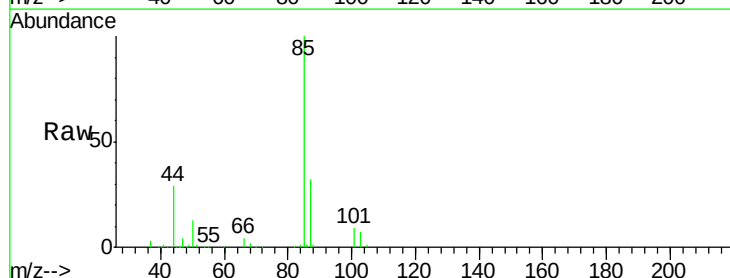
Acq: 31 May 2018 17:27

Tgt Ion: 85 Resp: 39921

Ion Ratio Lower Upper

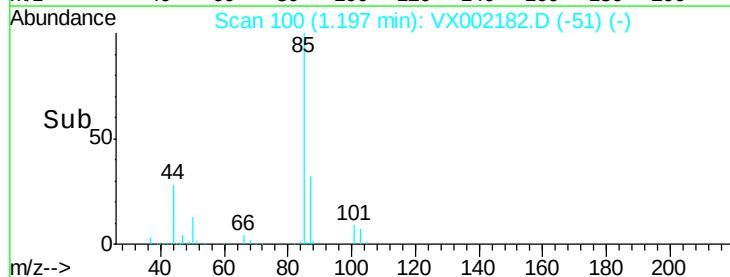
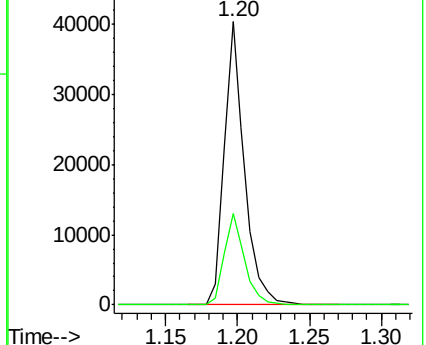
85 100

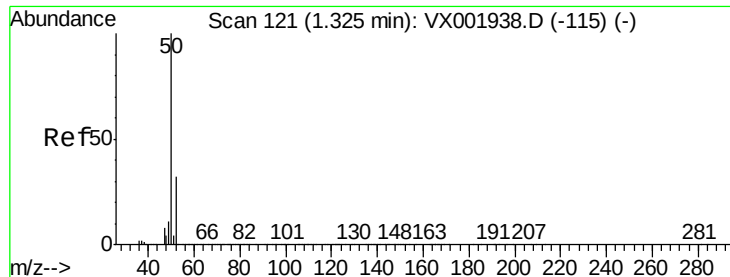
87 32.1 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.47 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

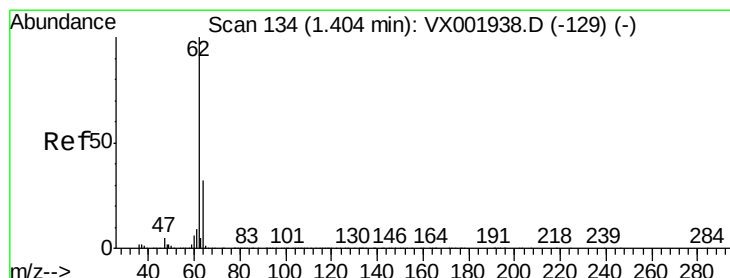
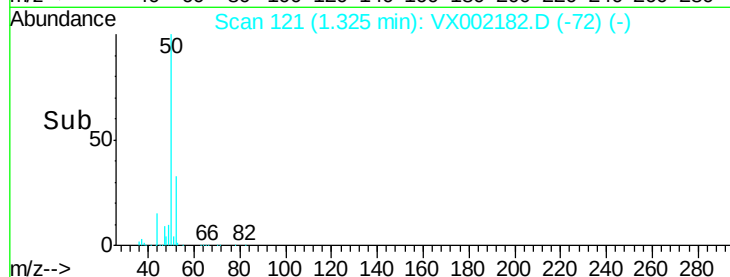
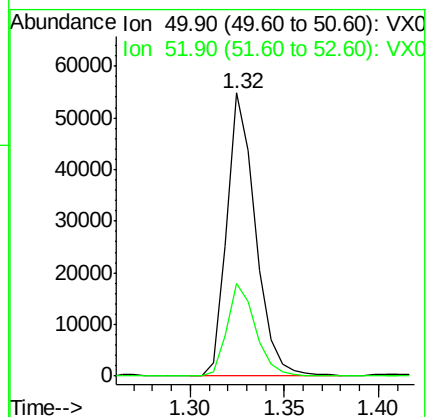
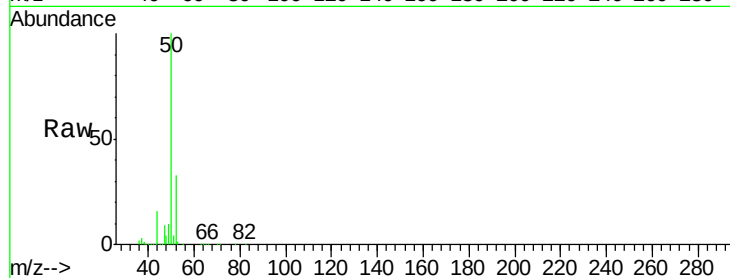
ClientSampleId :

Tot Ion: 50 Resp: 57685

Ion Ratio Lower Upper

50 100

52 33.0 26.0 39.0



#4

Vinyl Chloride

Concen: 19.49 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002182.D

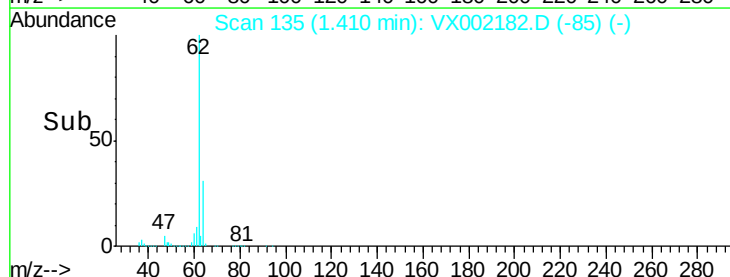
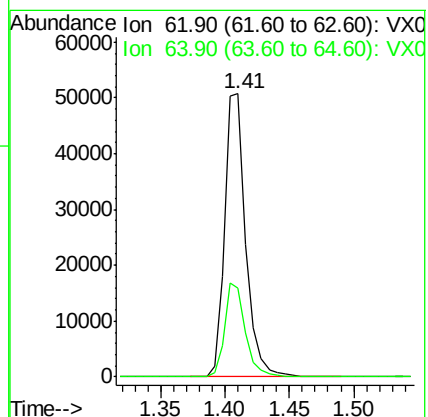
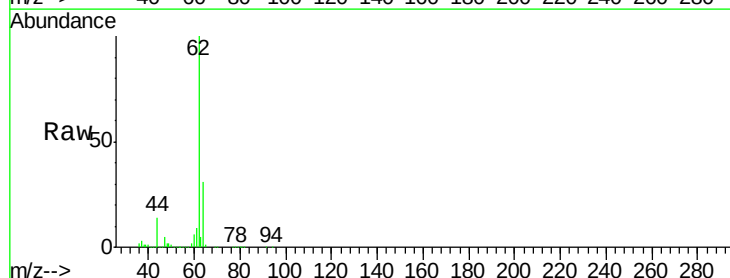
Acq: 31 May 2018 17:27

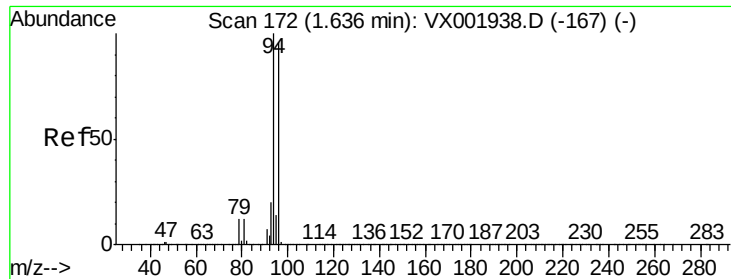
Tgt Ion: 62 Resp: 58771

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0





#5

Bromomethane

Concen: 25.64 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

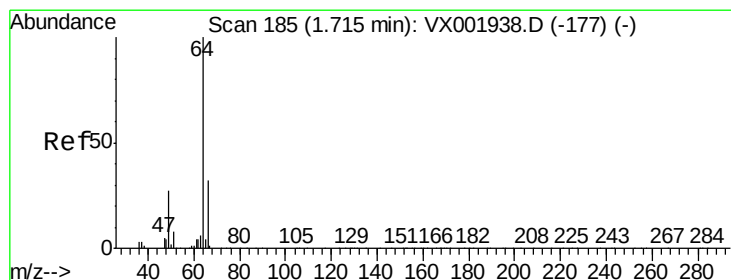
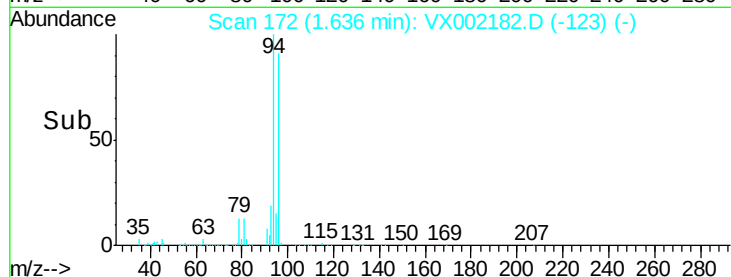
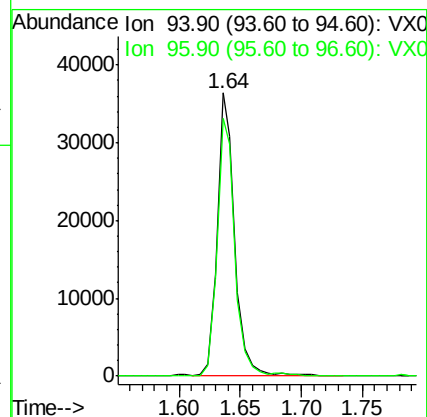
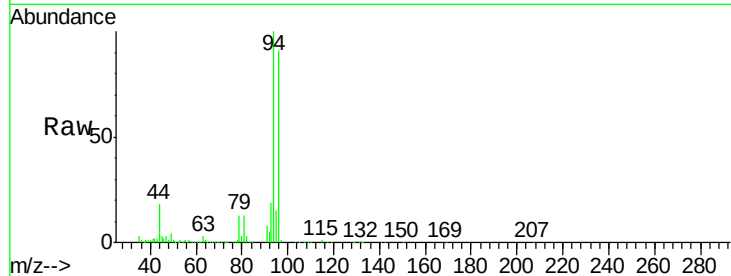
ClientSampleId :

Tot Ion: 94 Resp: 36236

Ion Ratio Lower Upper

94 100

96 91.4 75.9 113.9



#6

Chloroethane

Concen: 22.48 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX002182.D

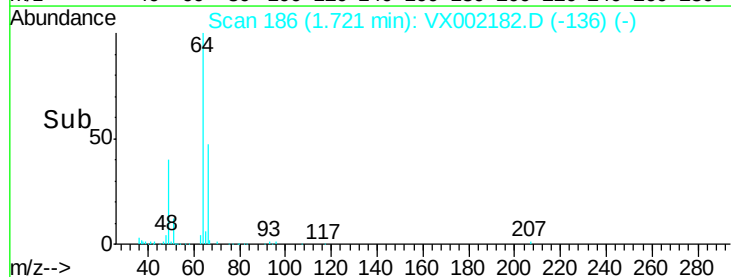
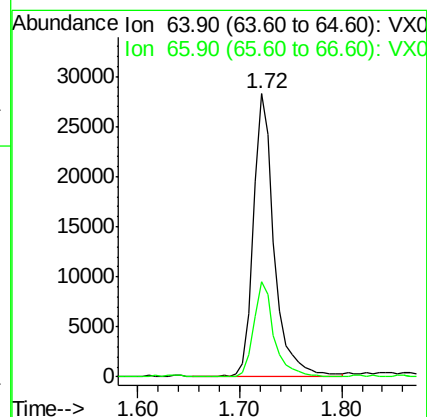
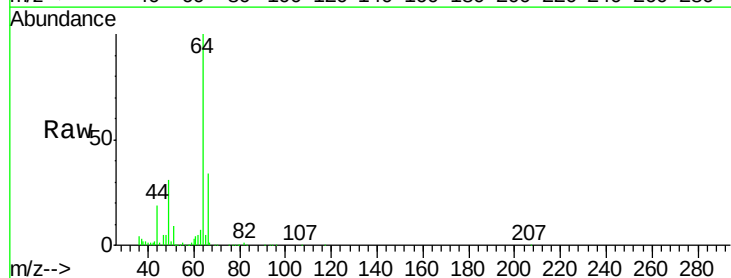
Acq: 31 May 2018 17:27

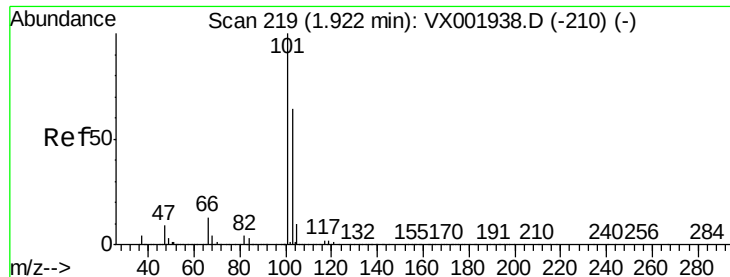
Tgt Ion: 64 Resp: 39958

Ion Ratio Lower Upper

64 100

66 33.4 25.6 38.4



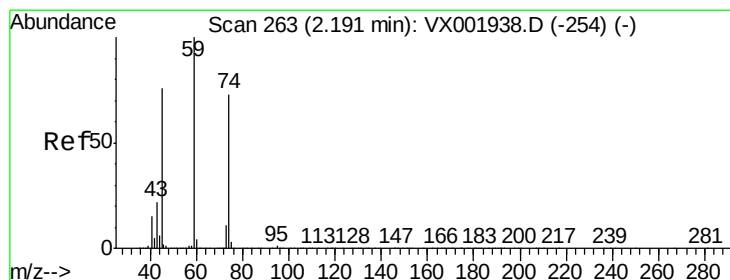
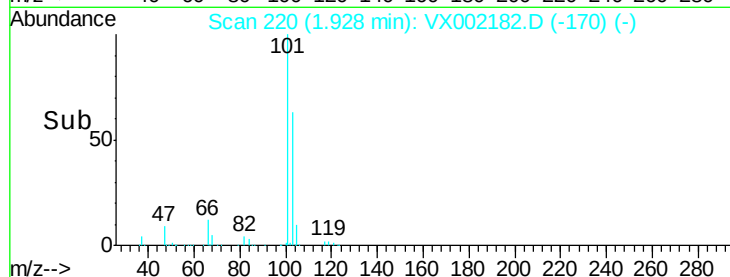
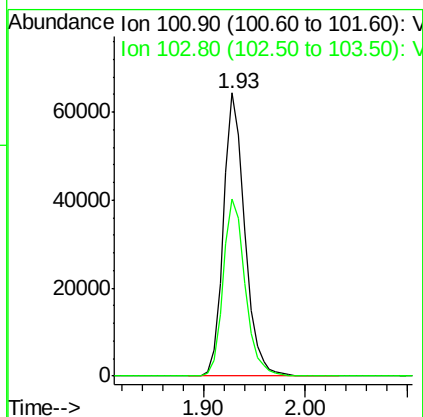
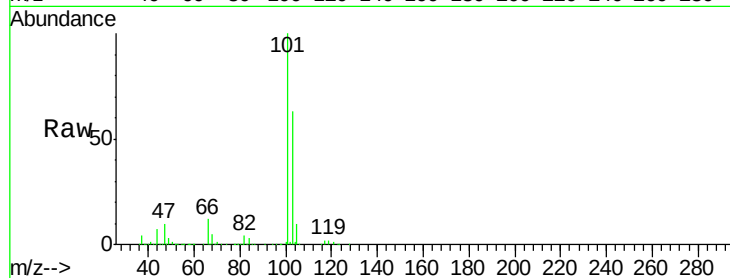


#7

Trichlorofluoromethane
Concen: 20.70 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :

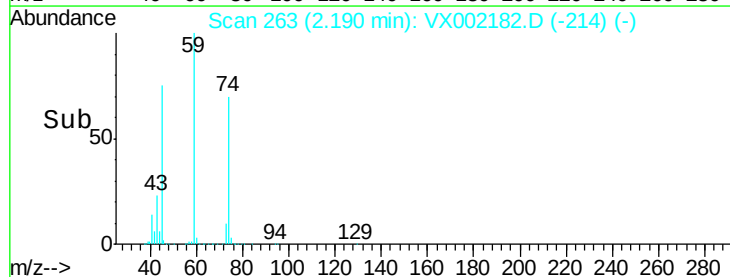
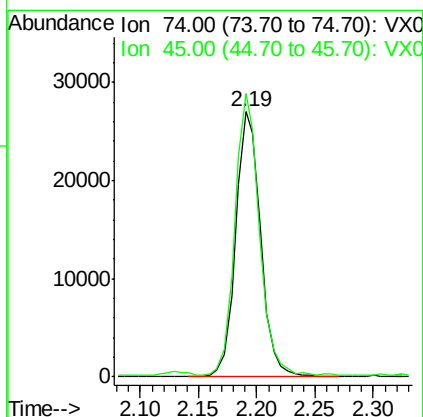
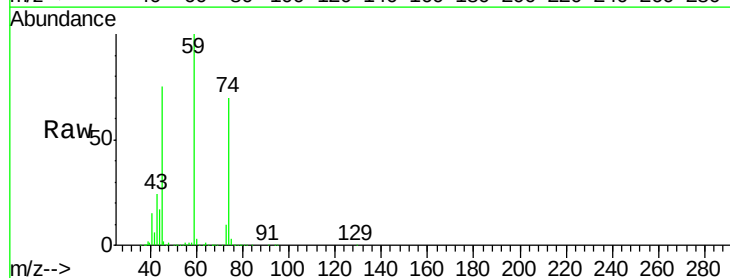
Tot Ion:101 Resp: 93723
Ion Ratio Lower Upper
101 100
103 62.8 51.4 77.0

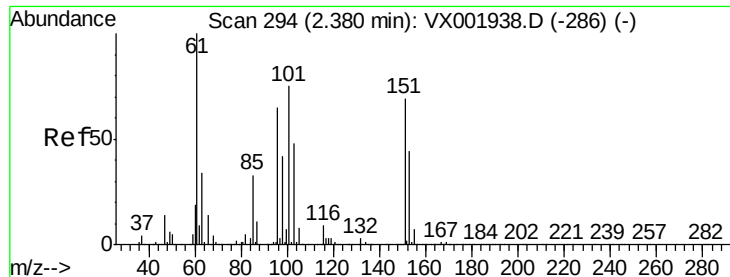


#8

Diethyl Ether
Concen: 24.50 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion: 74 Resp: 40242
Ion Ratio Lower Upper
74 100
45 104.0 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.40 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

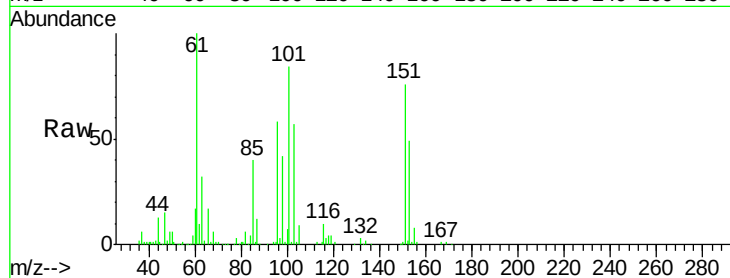
Tot Ion:101 Resp: 51552

Ion Ratio Lower Upper

101 100

85 45.4 35.6 53.4

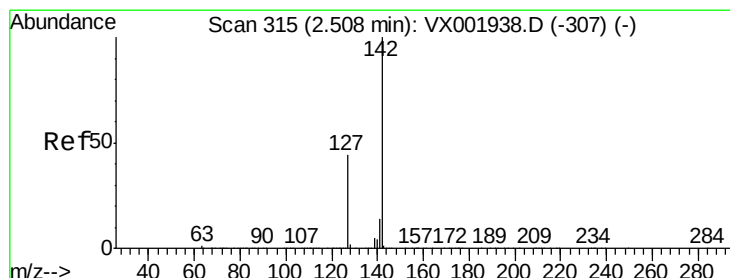
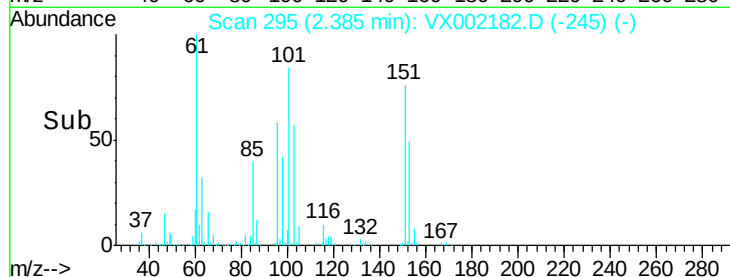
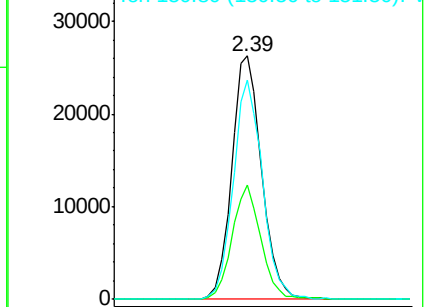
151 88.6 73.2 109.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.98 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

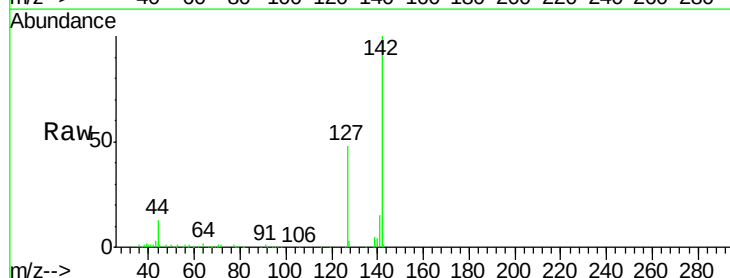
Tgt Ion:142 Resp: 51225

Ion Ratio Lower Upper

142 100

127 46.5 35.5 53.3

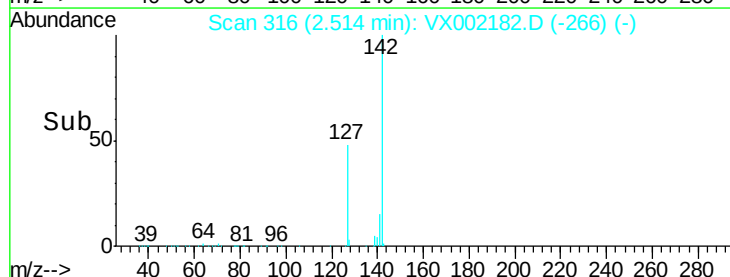
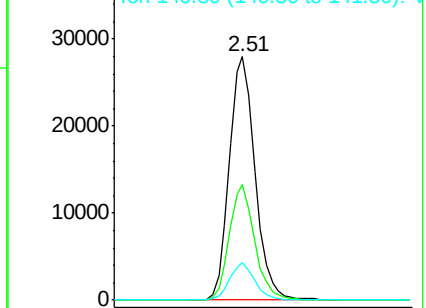
141 14.6 11.3 16.9

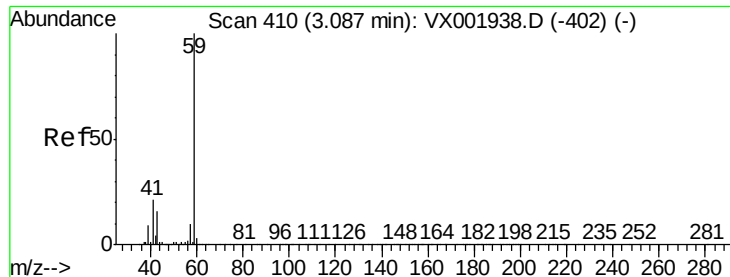


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

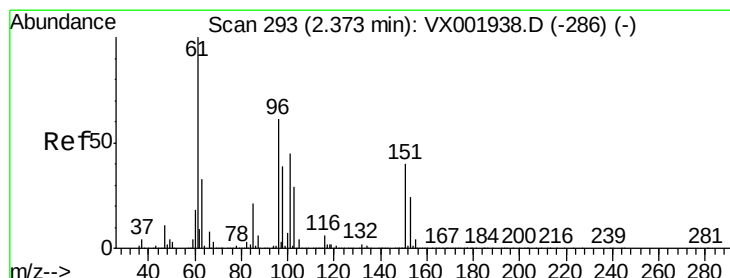
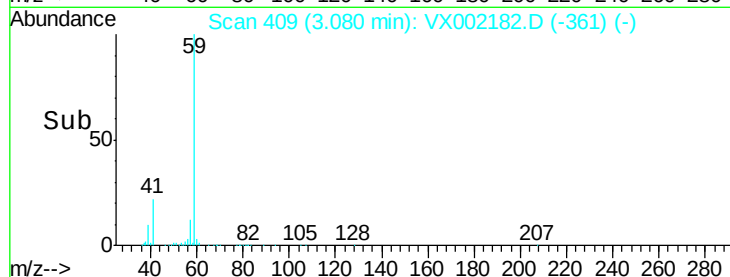
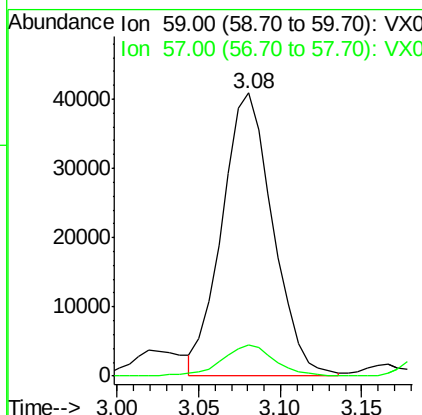
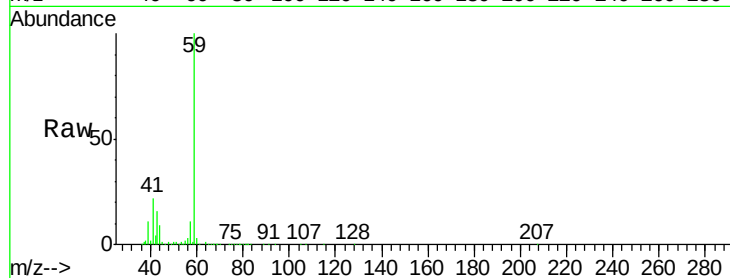




#11
Tert butyl alcohol
Concen: 124.49 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

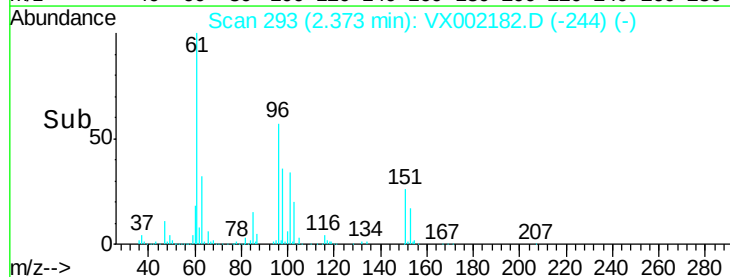
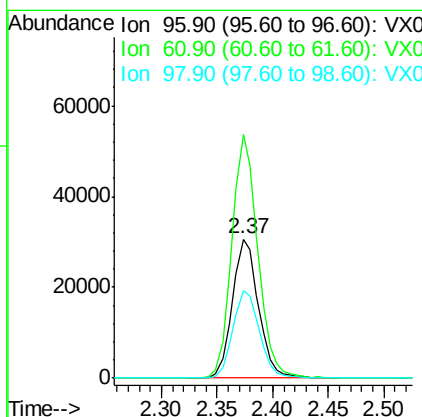
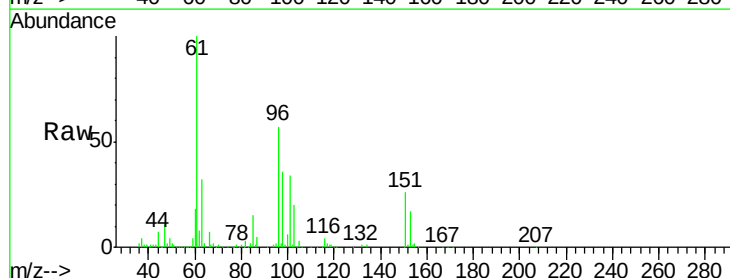
Instrument :
MSVOA_X
ClientSampled :

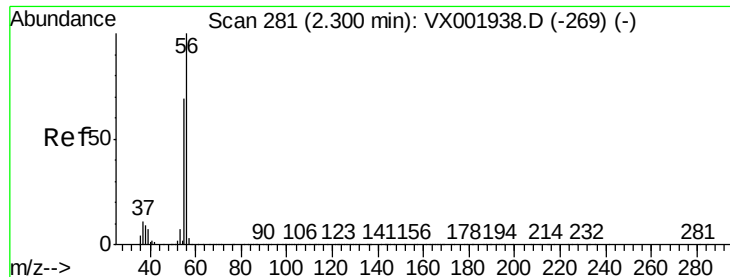
Tot Ion: 59 Resp: 88643
Ion Ratio Lower Upper
59 100
57 10.9 8.9 13.3



#12
1,1-Dichloroethene
Concen: 21.00 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion: 96 Resp: 49676
Ion Ratio Lower Upper
96 100
61 175.5 131.7 197.5
98 62.7 51.6 77.4





#13

Acrolein

Concen: 88.65 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

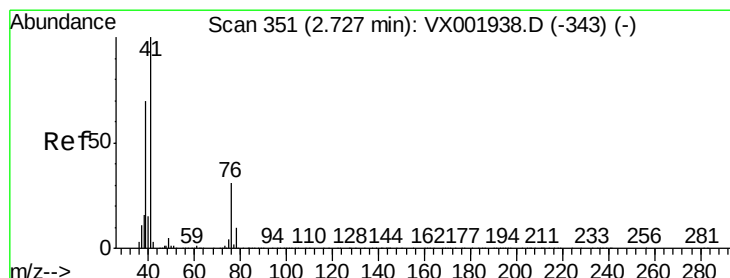
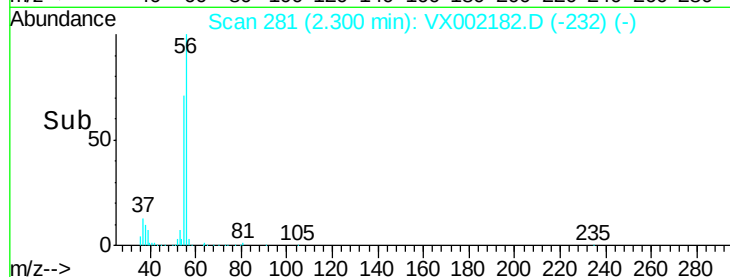
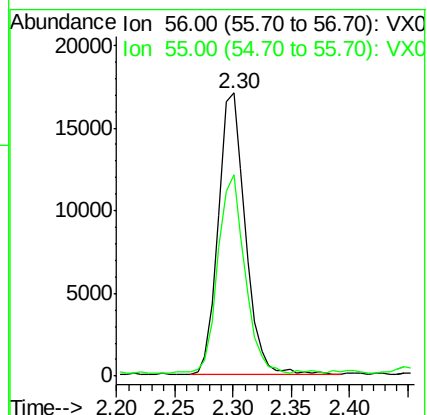
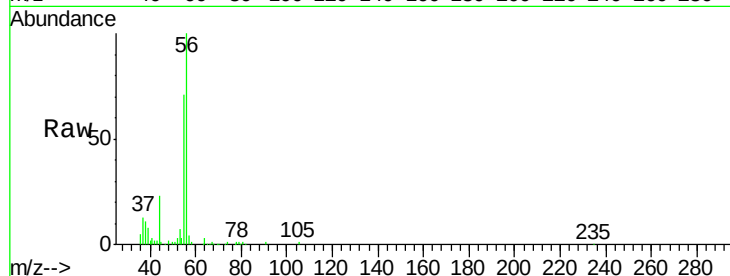
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 27294

Ion Ratio Lower Upper

56 100

55 70.3 56.8 85.2



#14

Allyl chloride

Concen: 23.09 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

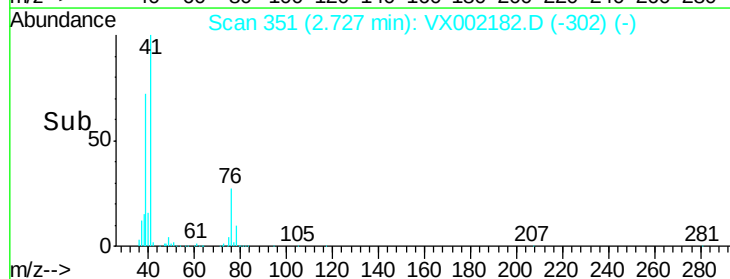
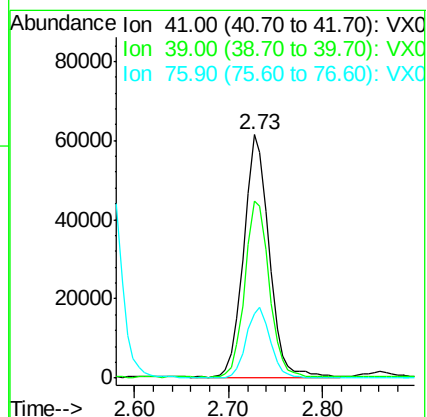
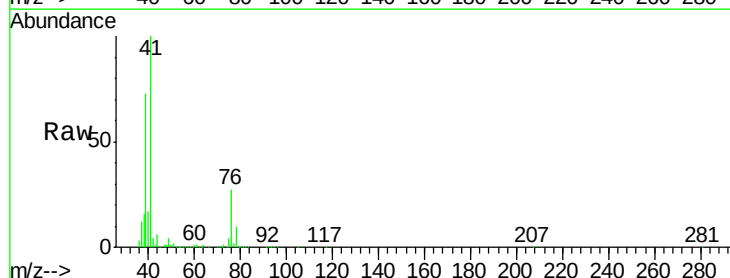
Tgt Ion: 41 Resp: 114665

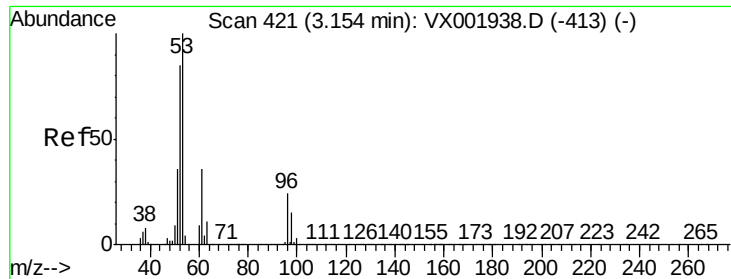
Ion Ratio Lower Upper

41 100

39 70.3 54.3 81.5

76 28.2 24.2 36.4





#15

Acrylonitrile

Concen: 123.58 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

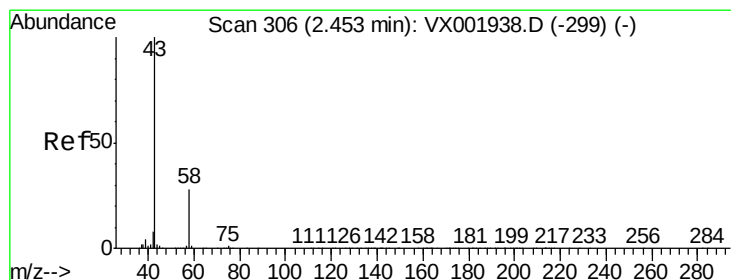
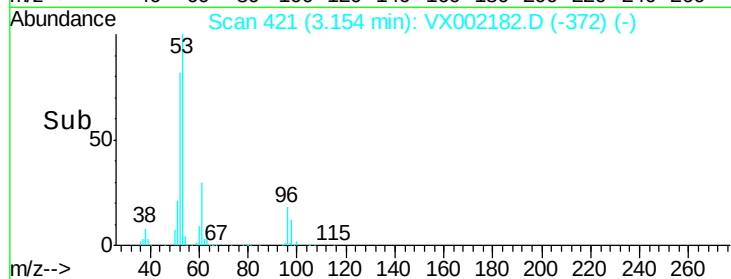
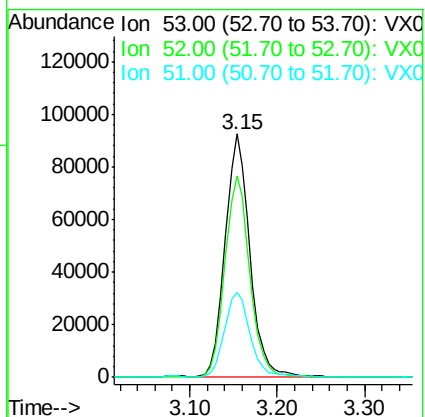
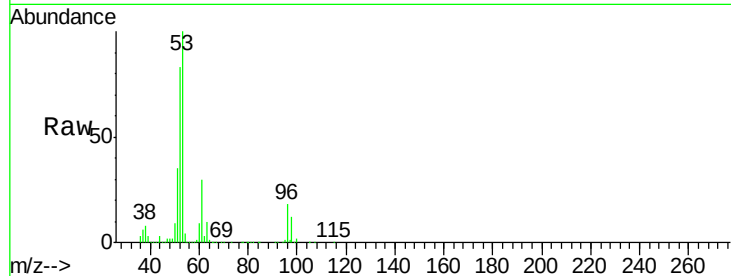
Tot Ion: 53 Resp: 180963

Ion Ratio Lower Upper

53 100

52 83.3 66.4 99.6

51 36.8 29.3 43.9



#16

Acetone

Concen: 133.91 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002182.D

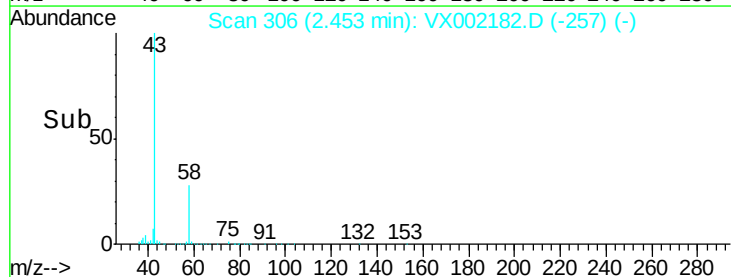
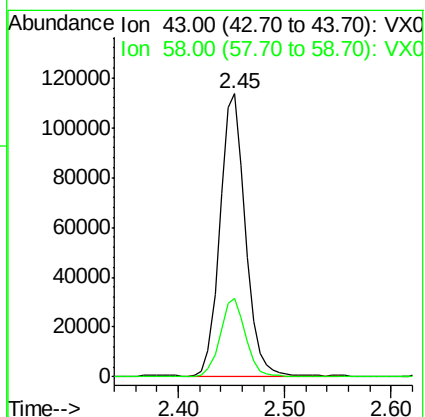
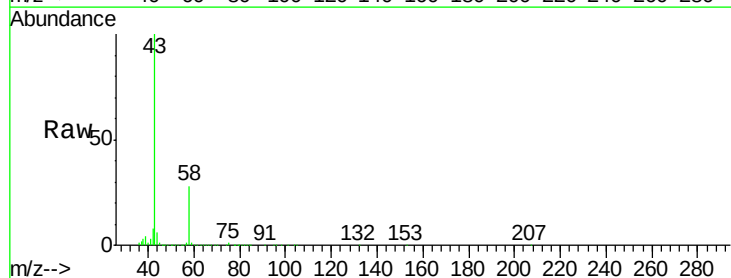
Acq: 31 May 2018 17:27

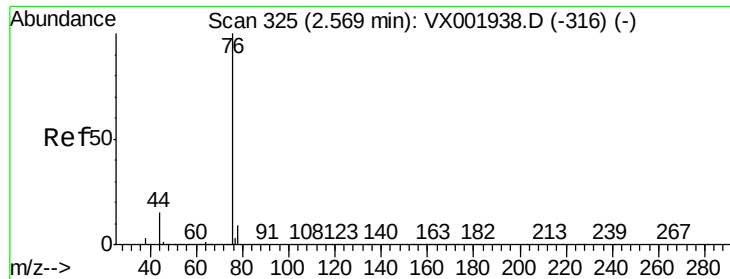
Tgt Ion: 43 Resp: 187479

Ion Ratio Lower Upper

43 100

58 27.9 22.3 33.5

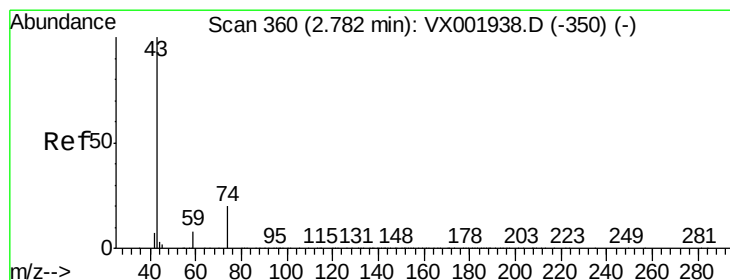
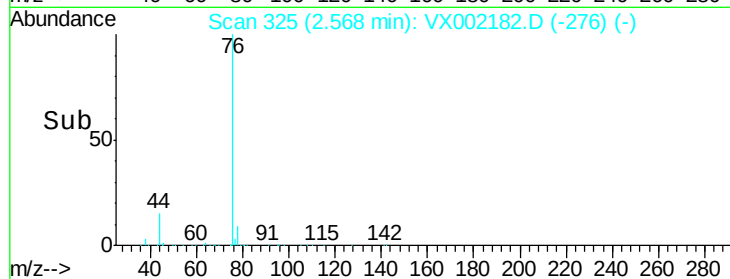
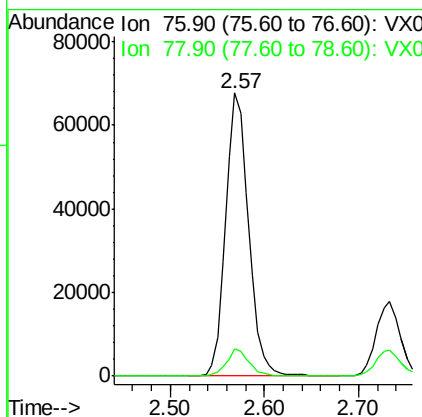
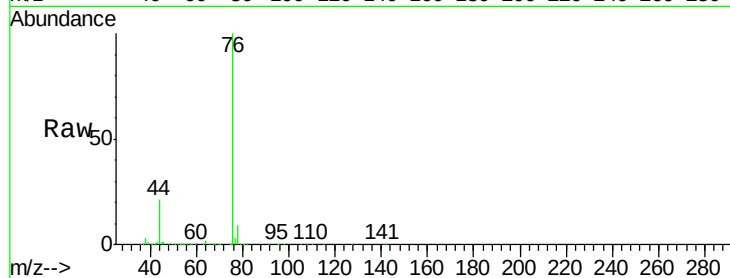




#17
Carbon Disulfide
Concen: 16.85 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

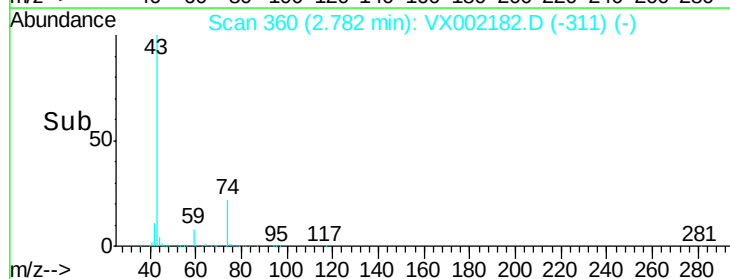
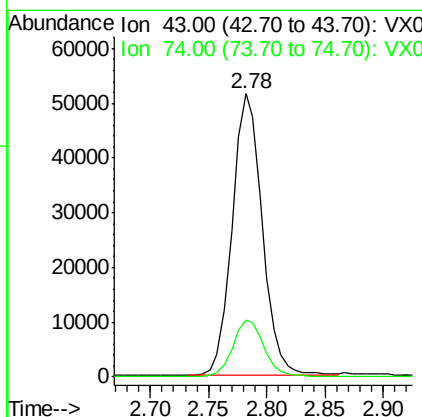
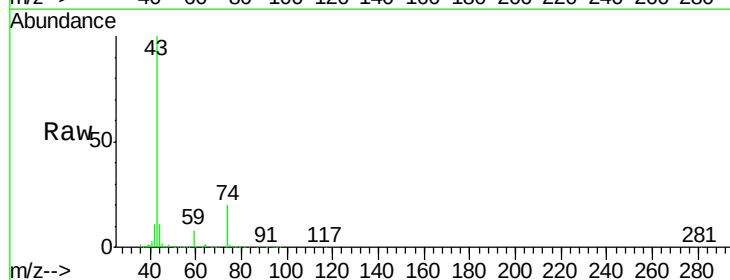
Instrument :
MSVOA_X
ClientSampleId :

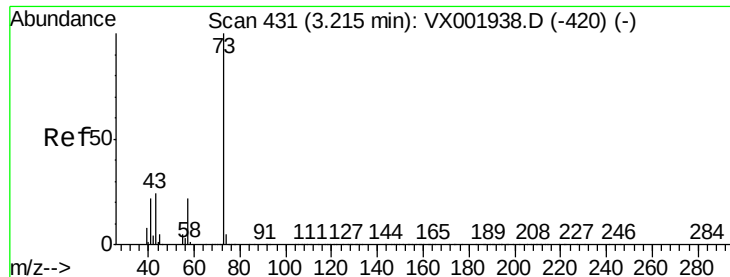
Tot Ion: 76 Resp: 114683
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 27.08 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion: 43 Resp: 93086
Ion Ratio Lower Upper
43 100
74 21.5 16.8 25.2

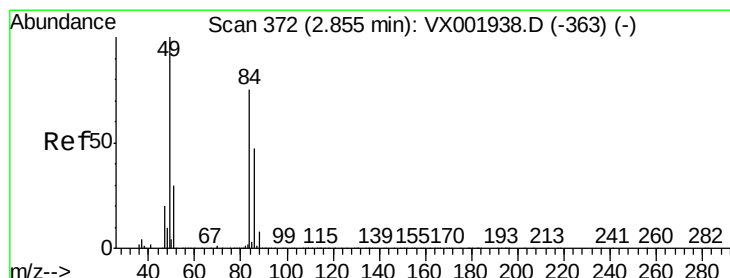
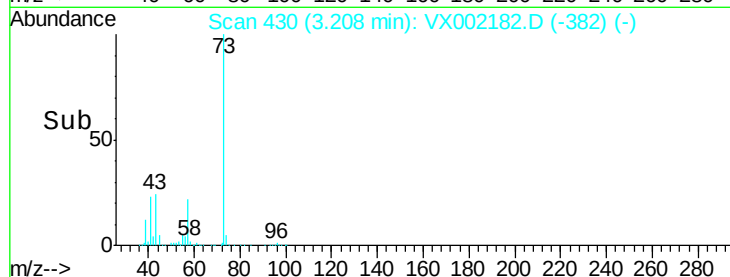
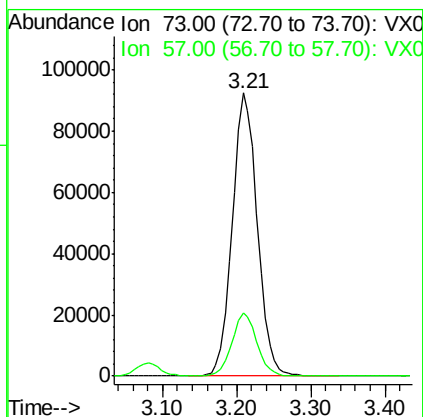
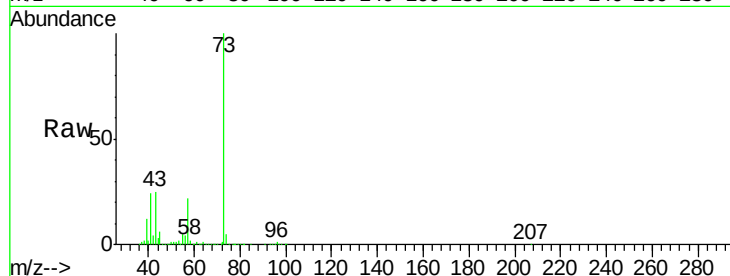




#19
Methyl tert-butyl Ether
Concen: 24.45 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

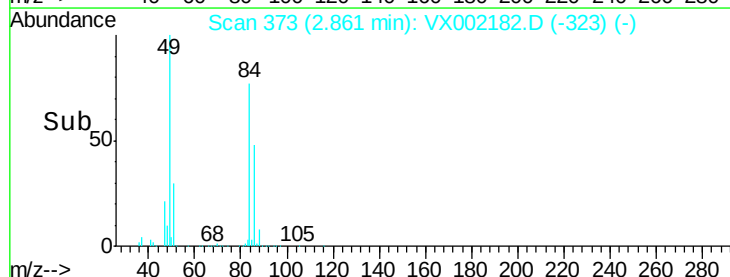
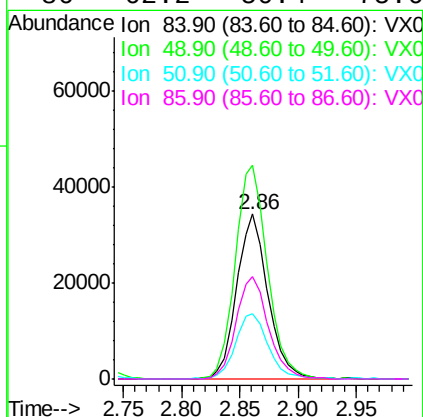
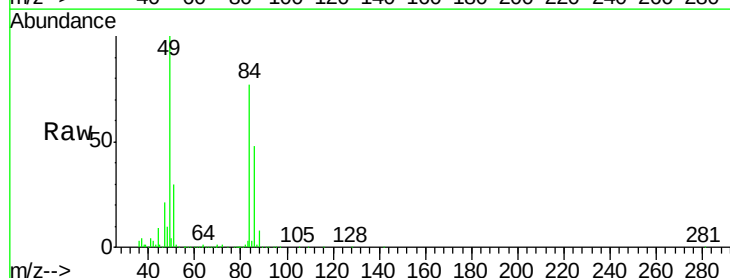
Instrument :
MSVOA_X
ClientSampleId :

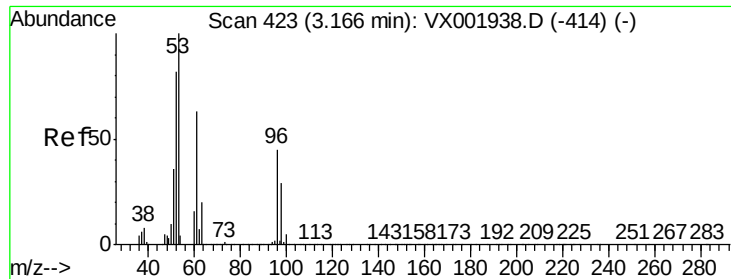
Tot Ion: 73 Resp: 217567
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.0



#20
Methylene Chloride
Concen: 25.68 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion: 84 Resp: 64220
Ion Ratio Lower Upper
84 100
49 129.7 107.2 160.8
51 39.2 32.4 48.6
86 62.2 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 23.11 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :
MSVOA_X
ClientSampled :

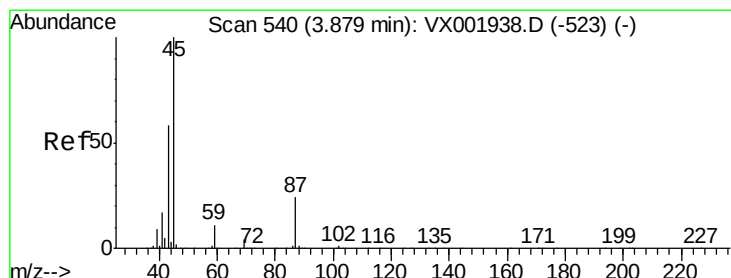
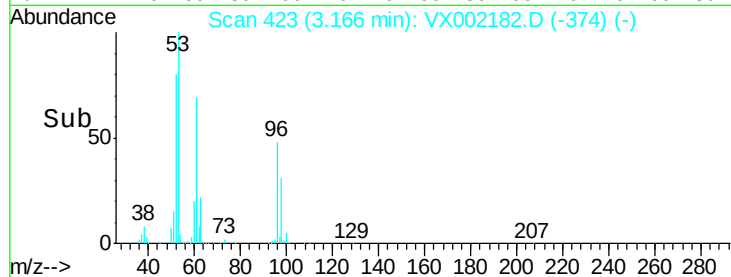
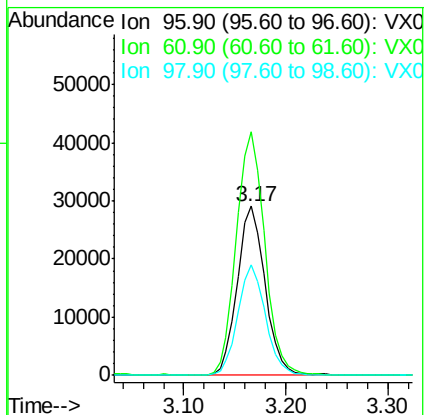
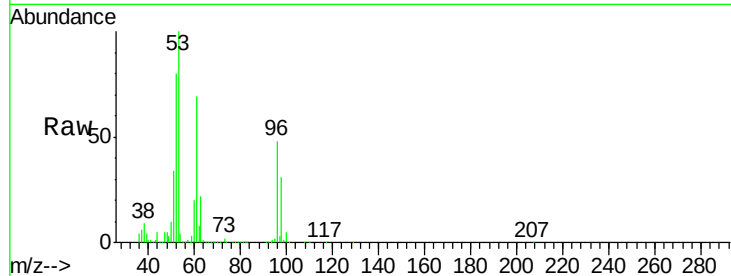
Tot Ion: 96 Resp: 55177

Ion Ratio Lower Upper

96 100

61 143.6 113.3 169.9

98 64.9 51.7 77.5



#22

Diisopropyl ether

Concen: 20.58 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Tgt Ion: 45 Resp: 207875

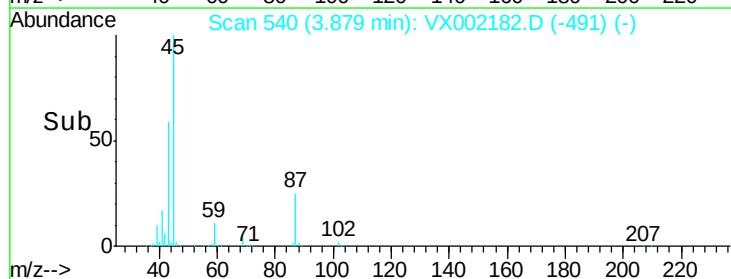
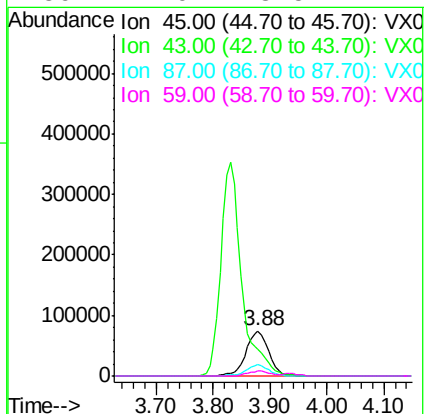
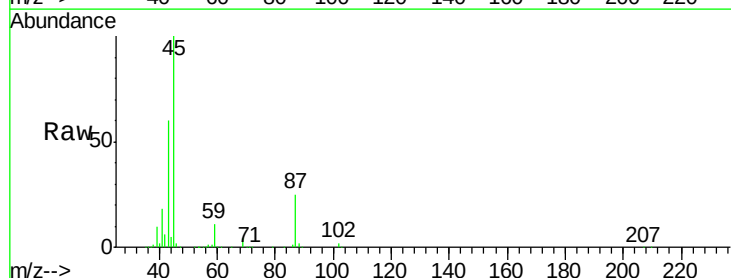
Ion Ratio Lower Upper

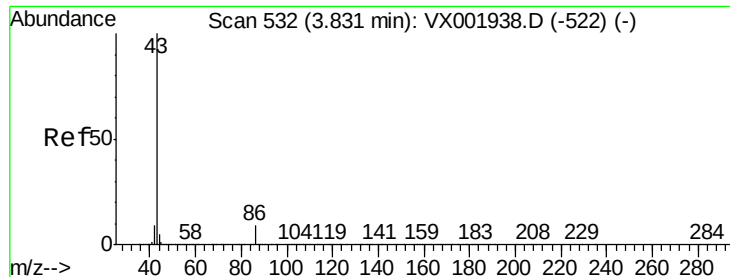
45 100

43 59.5 47.0 70.6

87 25.4 19.4 29.0

59 11.0 8.5 12.7





#23

Vinyl Acetate

Concen: 107.69 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

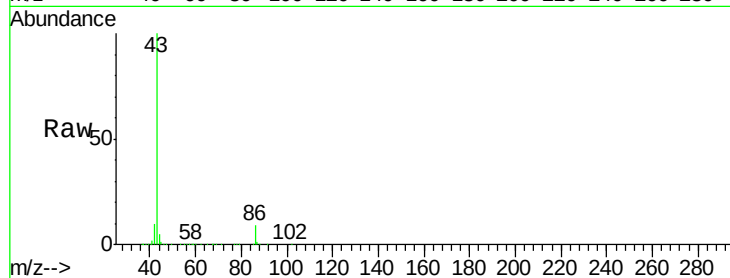
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 901787

Ion Ratio Lower Upper

43 100

86 8.8 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

400000

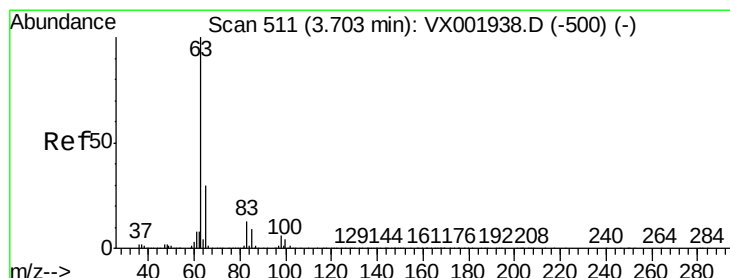
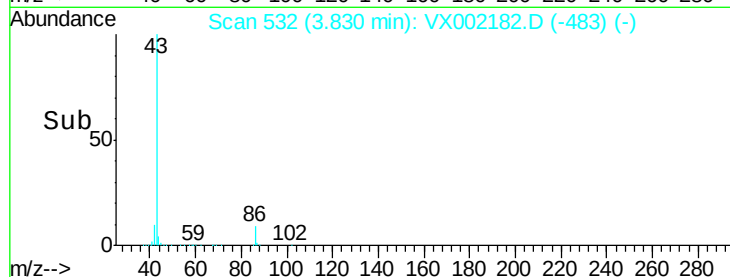
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.83 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

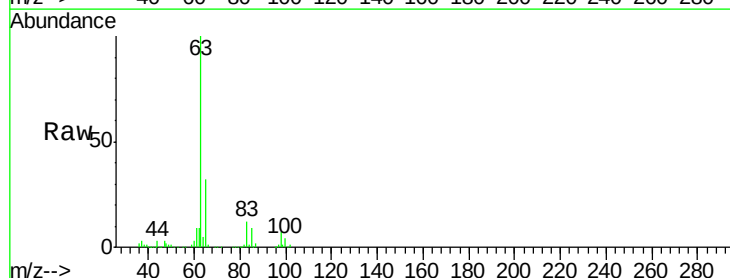
Tgt Ion: 63 Resp: 104729

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

100 4.1 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

60000

50000

40000

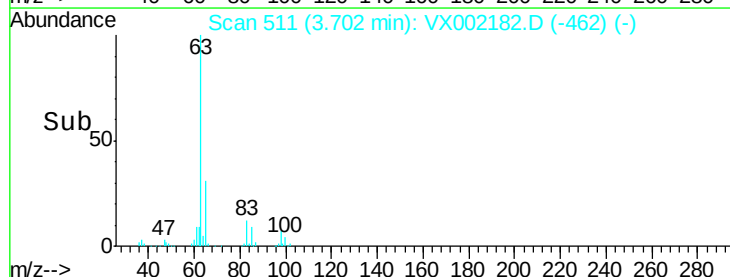
30000

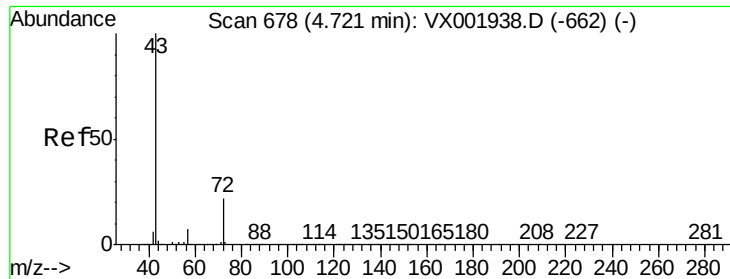
20000

10000

0

Time-->





#25

2-Butanone

Concen: 99.50 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

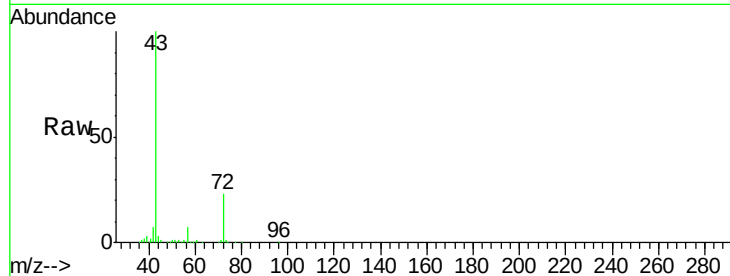
ClientSampled :

Tot Ion: 43 Resp: 255314

Ion Ratio Lower Upper

43 100

72 22.9 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

100000

80000

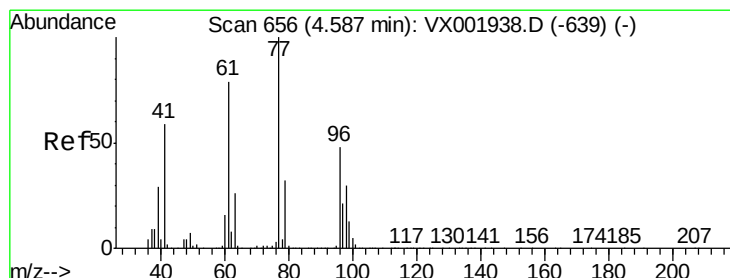
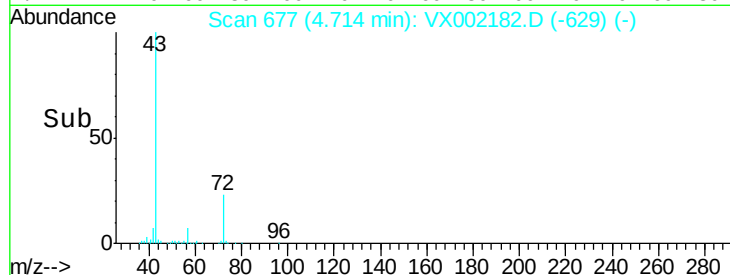
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 16.65 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002182.D

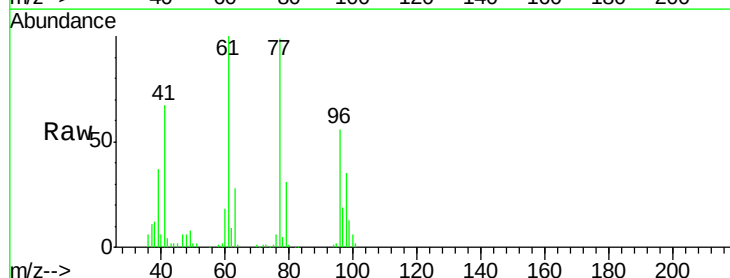
Acq: 31 May 2018 17:27

Tgt Ion: 77 Resp: 80868

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

30000

25000

20000

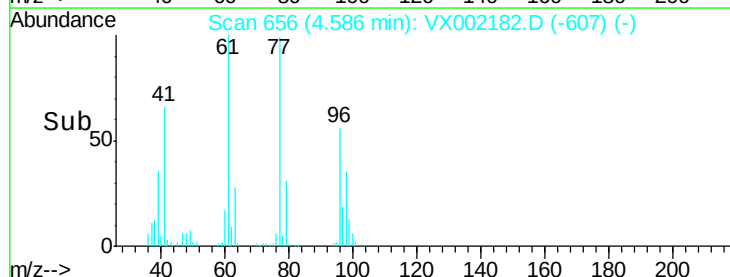
15000

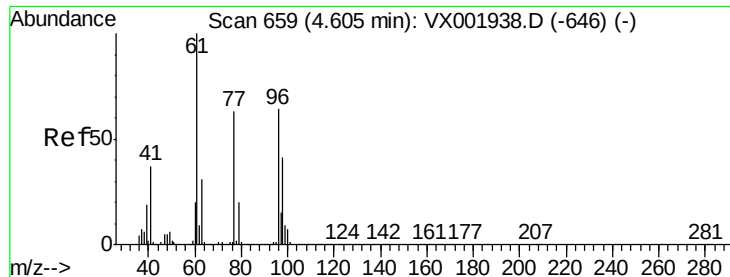
10000

5000

0

Time-->



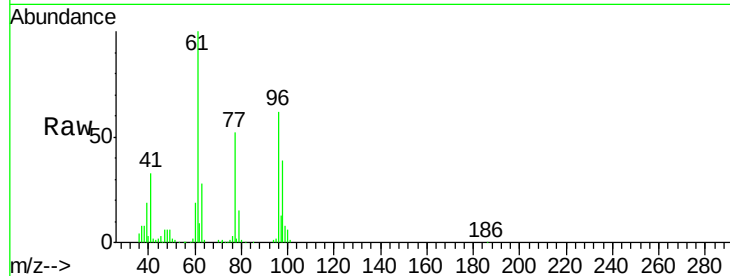


#27

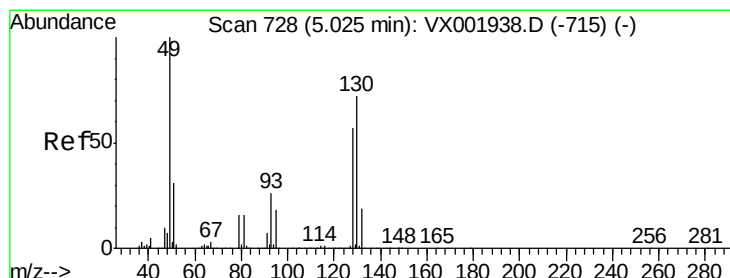
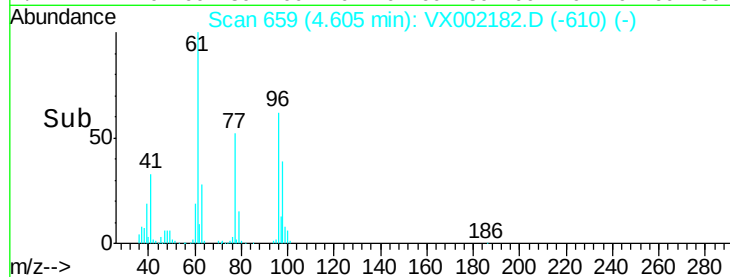
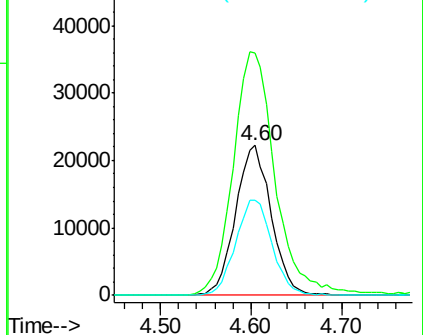
cis-1,2-Dichloroethene
Concen: 19.64 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	96	Resp:	60589
Ion	Ratio	Lower	Upper
96	100		
61	191.7	0.0	348.4
98	65.3	0.0	128.6



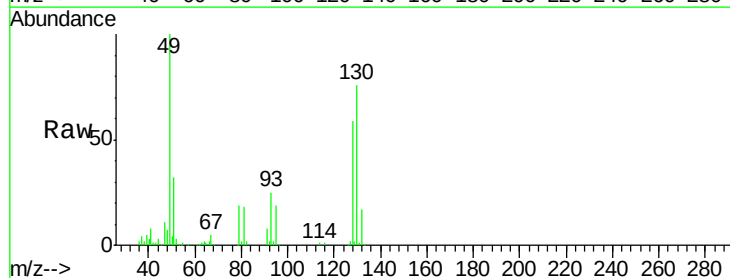
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



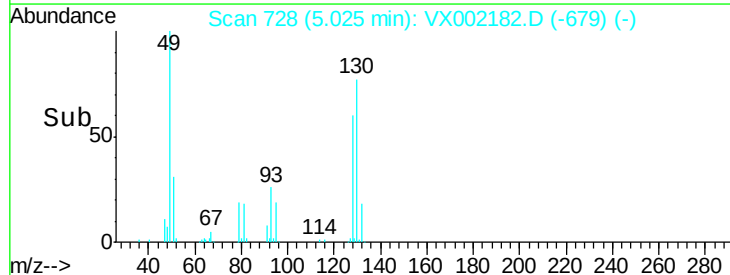
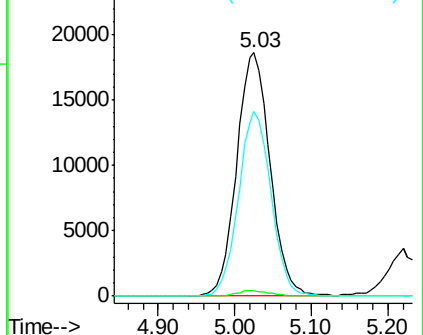
#28

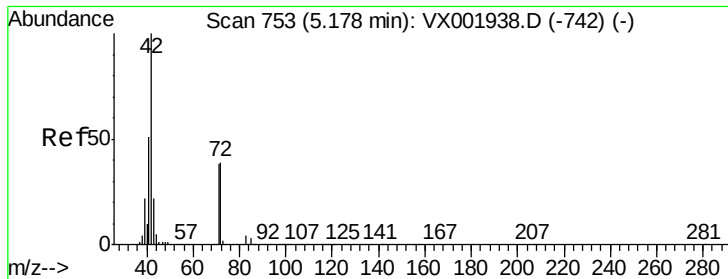
Bromochloromethane
Concen: 27.06 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion	49	Resp:	56434
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	73.6	59.4	89.2



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





#29

Tetrahydrofuran

Concen: 98.08 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

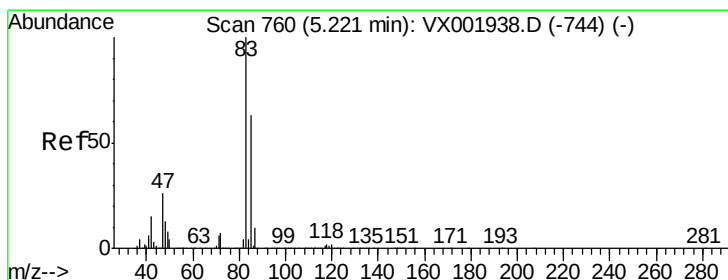
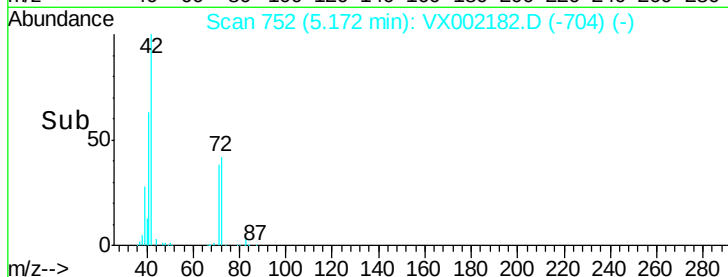
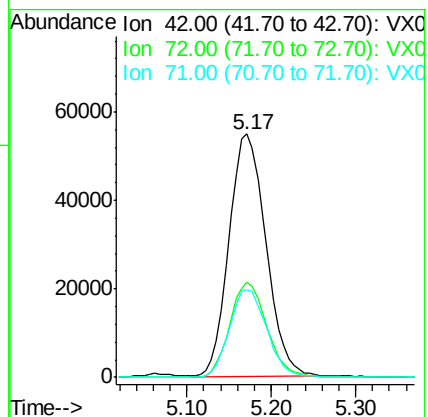
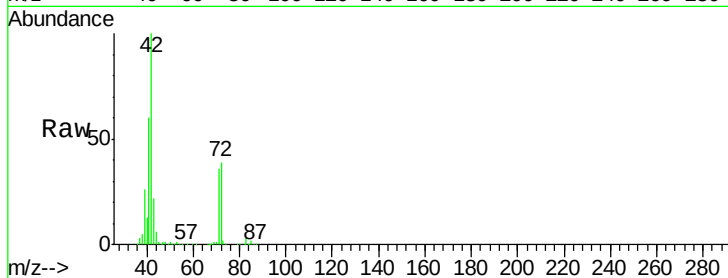
Tot Ion: 42 Resp: 163737

Ion Ratio Lower Upper

42 100

72 39.2 31.4 47.0

71 36.7 29.5 44.3



#30

Chloroform

Concen: 19.87 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002182.D

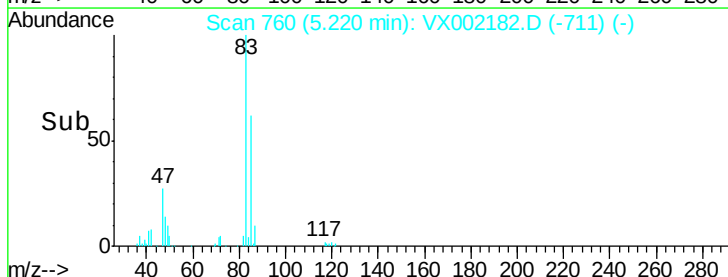
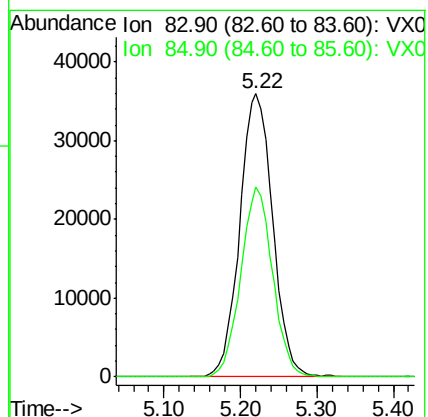
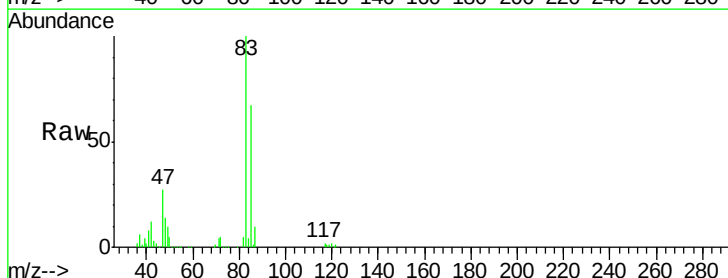
Acq: 31 May 2018 17:27

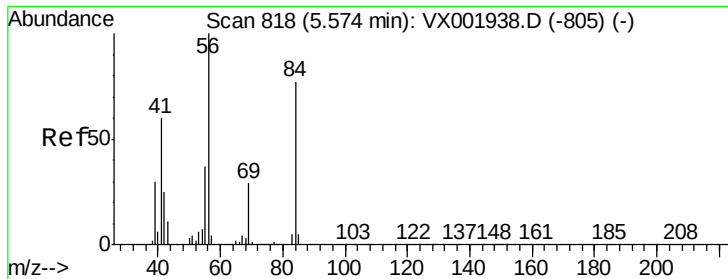
Tgt Ion: 83 Resp: 107408

Ion Ratio Lower Upper

83 100

85 67.1 50.9 76.3

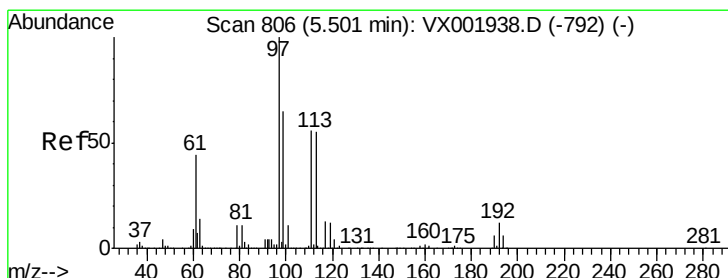
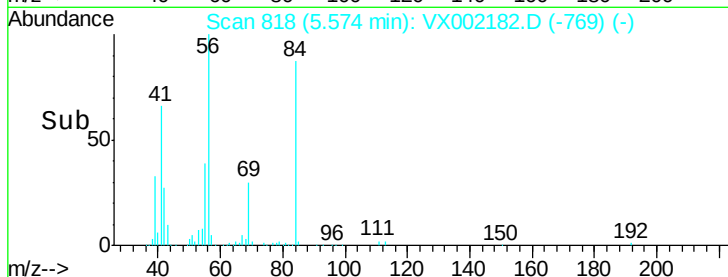
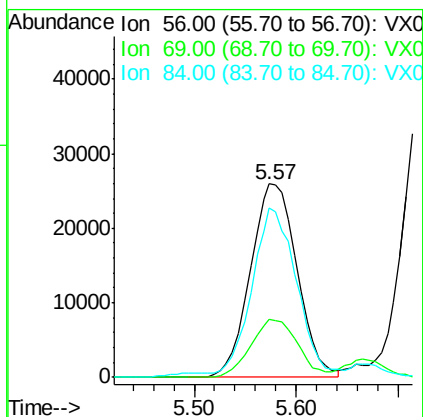
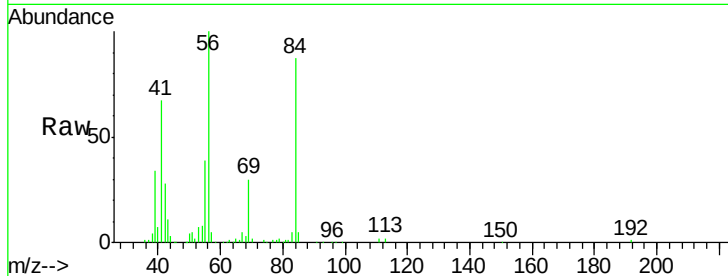




#31
Cyclohexane
Concen: 16.48 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

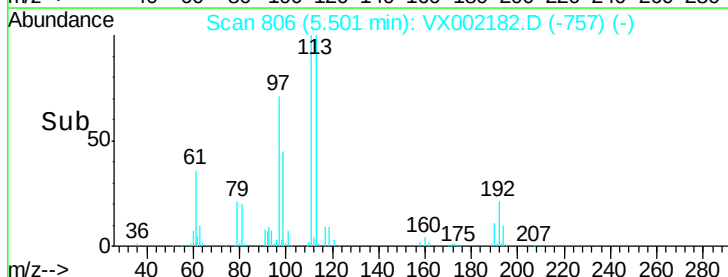
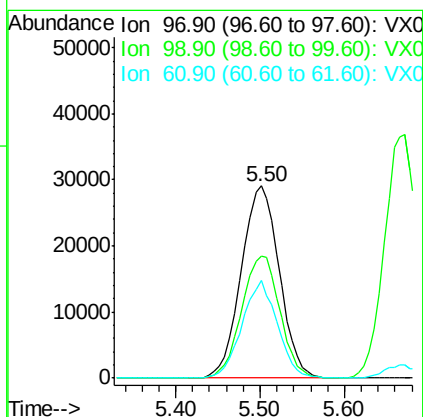
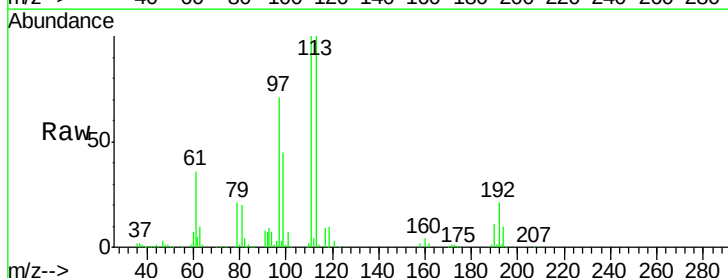
Instrument :
MSVOA_X
ClientSampleId :

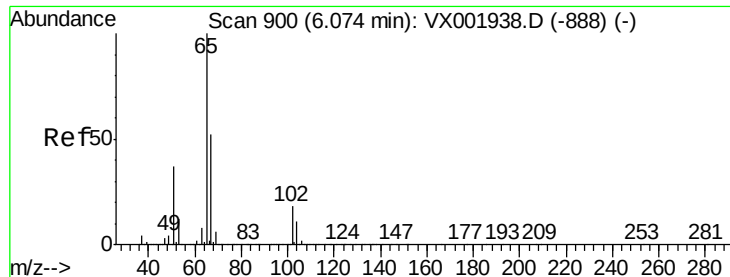
Tot Ion: 56 Resp: 82385
Ion Ratio Lower Upper
56 100
69 30.4 23.1 34.7
84 85.4 62.0 93.0



#32
1,1,1-Trichloroethane
Concen: 17.69 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion: 97 Resp: 89126
Ion Ratio Lower Upper
97 100
99 64.1 51.9 77.9
61 47.3 35.9 53.9

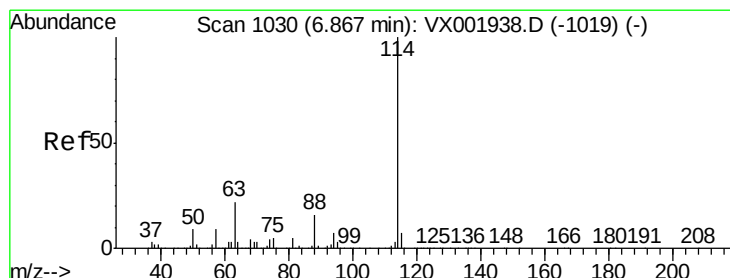
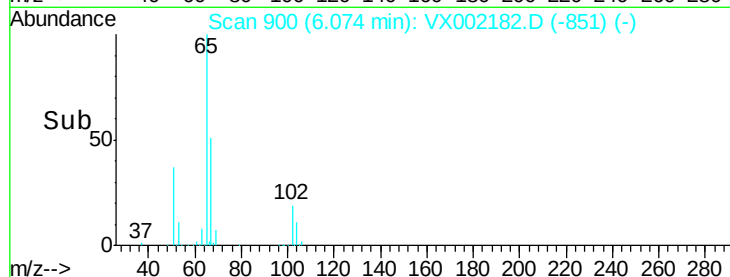
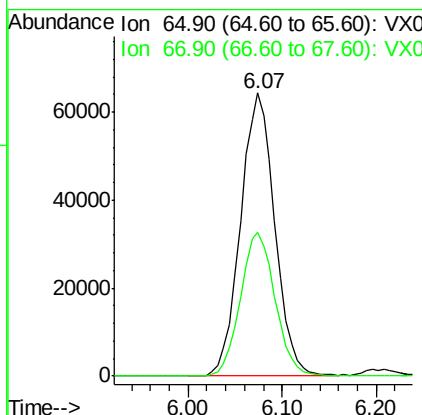
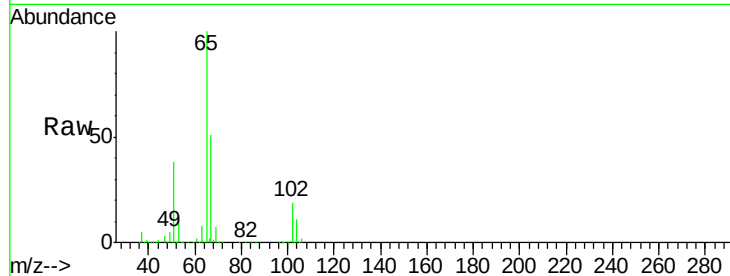




#33
 1,2-Dichloroethane-d4
 Concen: 45.05 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

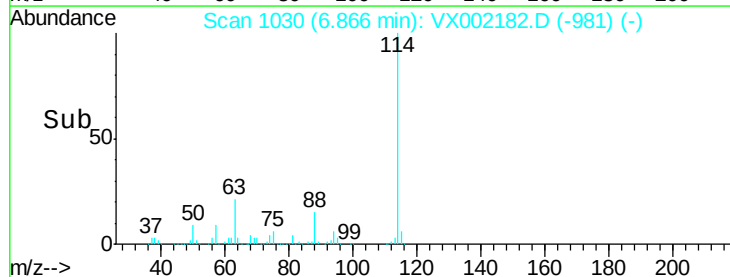
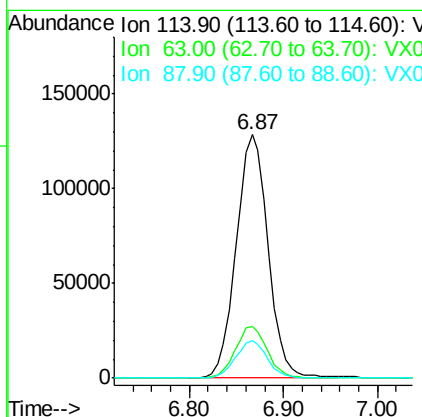
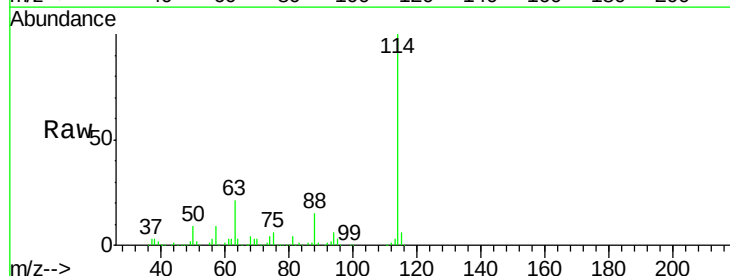
Instrument :
 MSVOA_X
 ClientSampleId :

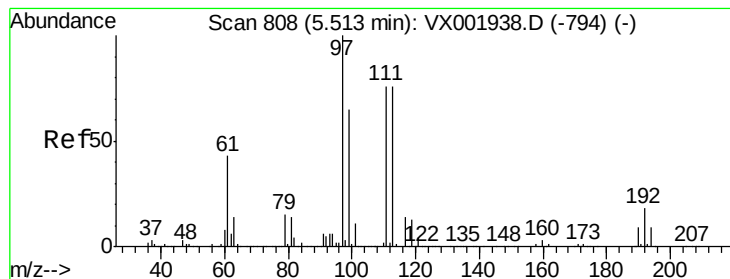
Tot Ion: 65 Resp: 163418
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Tgt Ion: 114 Resp: 303666
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.2
 88 15.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 40.38 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampled :

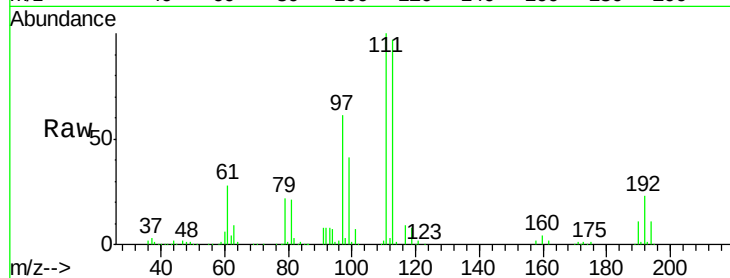
Tot Ion:113 Resp: 122632

Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

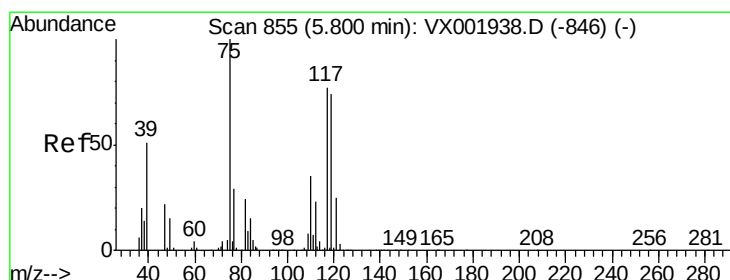
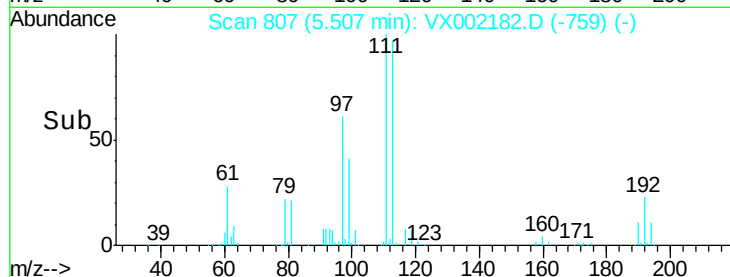
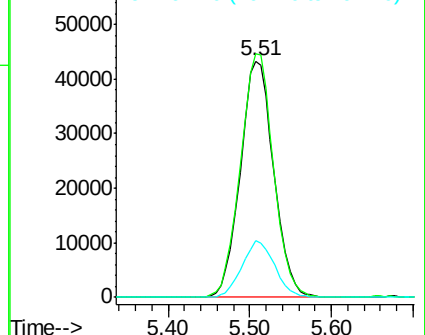
192 23.5 18.9 28.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.76 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

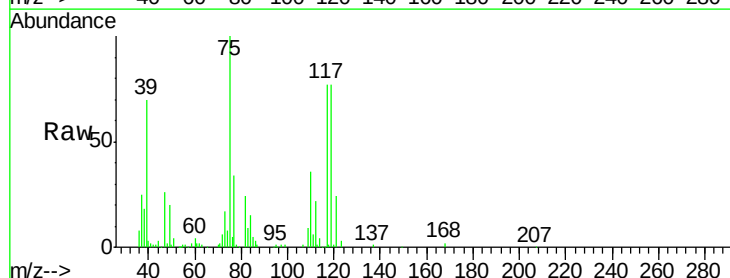
Tgt Ion: 75 Resp: 70812

Ion Ratio Lower Upper

75 100

110 35.7 17.4 52.2

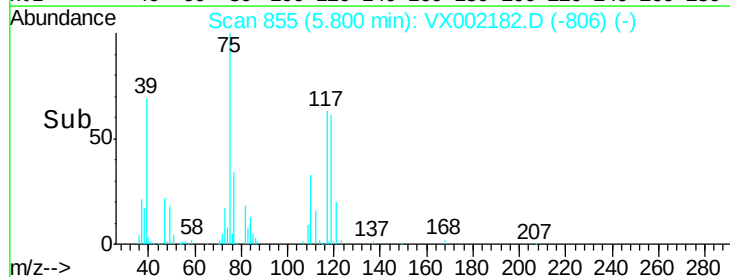
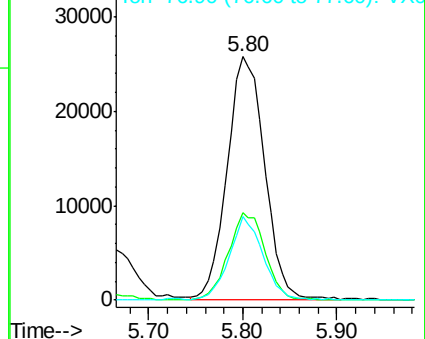
77 30.8 24.4 36.6

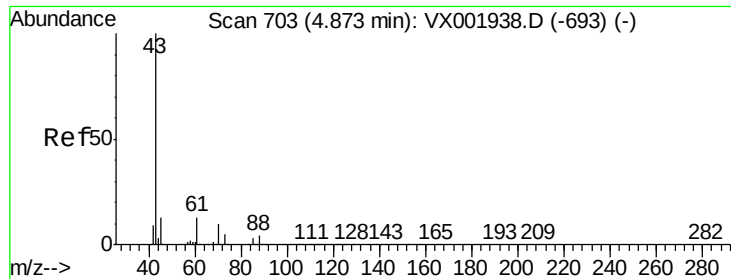


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

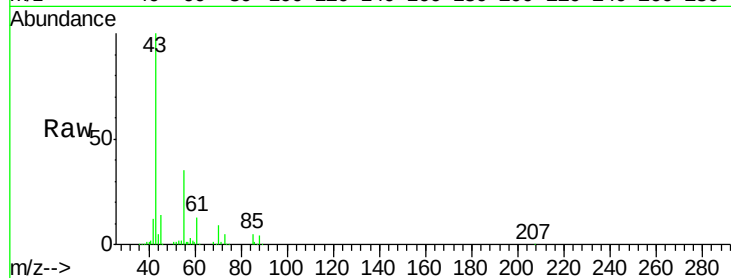




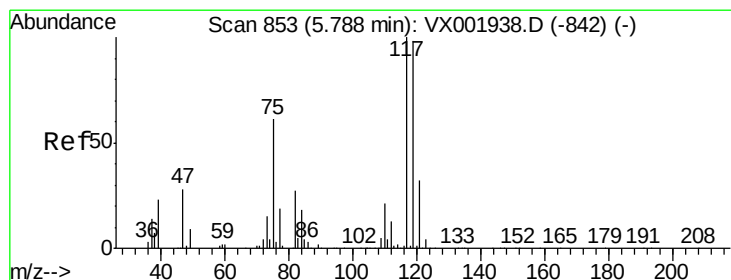
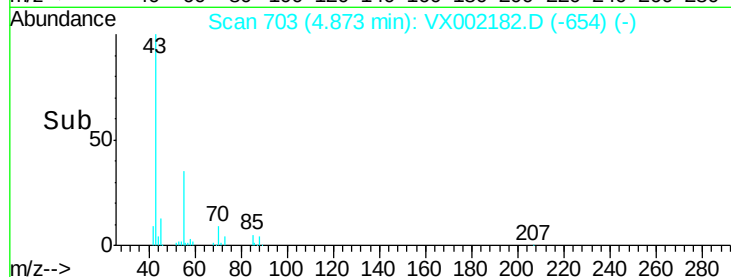
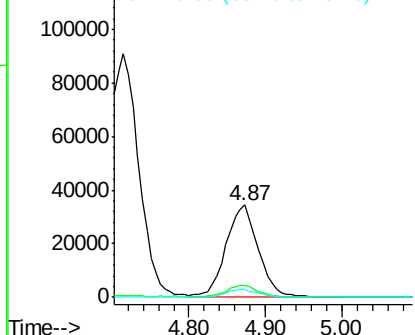
#37
Ethyl Acetate
Concen: 17.99 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 99083
Ion Ratio Lower Upper
43 100
61 13.6 10.2 15.2
70 9.4 7.8 11.8

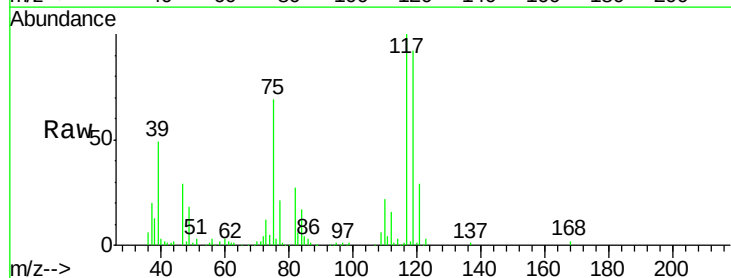


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

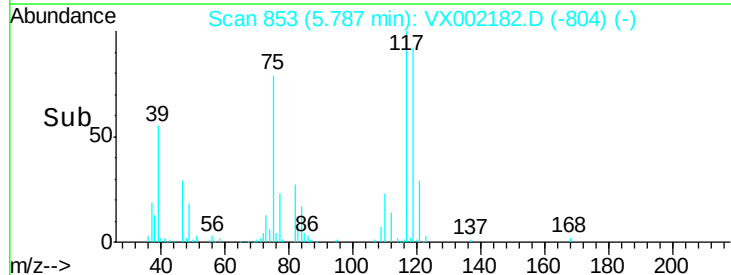
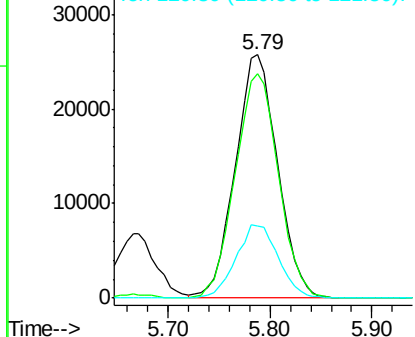


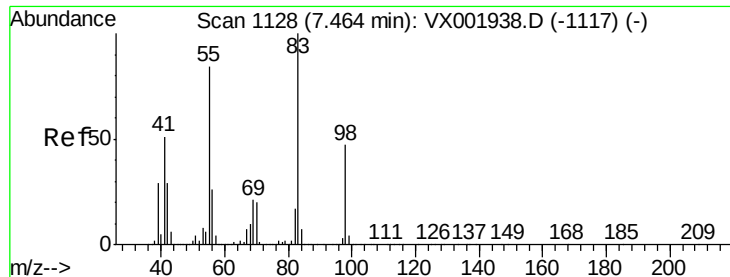
#38
Carbon Tetrachloride
Concen: 15.05 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion: 117 Resp: 74151
Ion Ratio Lower Upper
117 100
119 91.9 78.5 117.7
121 29.5 25.5 38.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

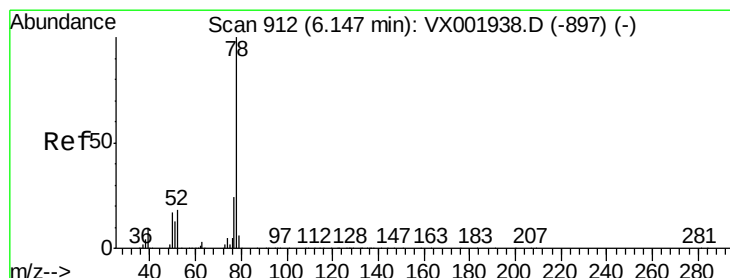
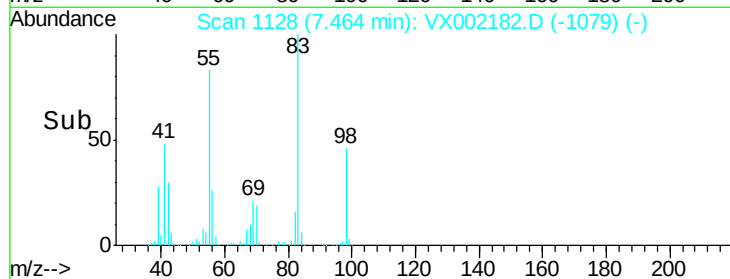
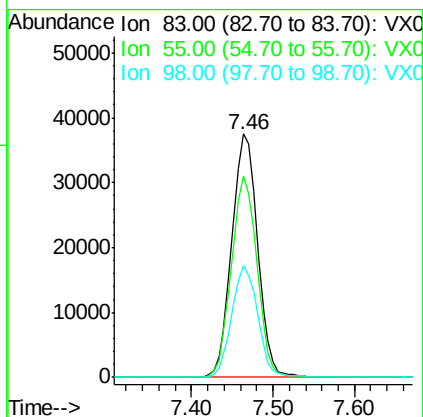
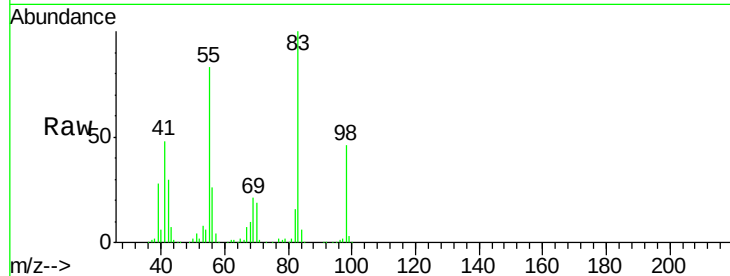




#39
Methylvlcyclohexane
Concen: 15.82 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

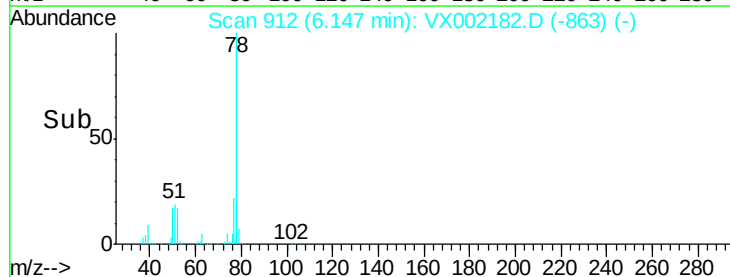
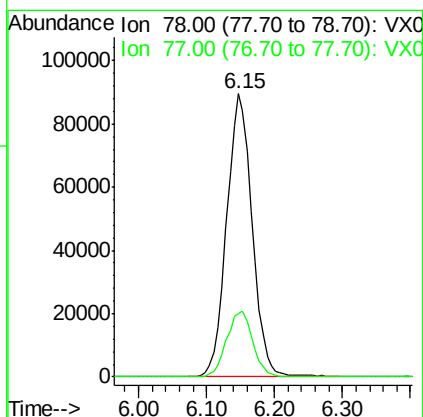
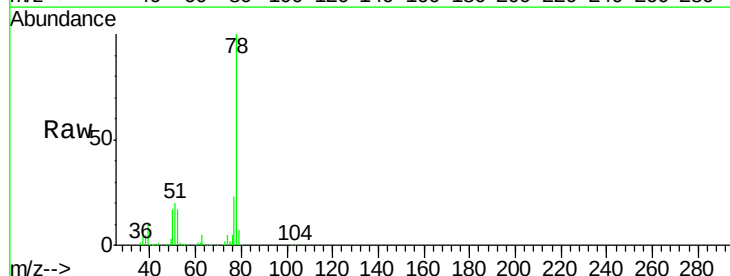
Instrument :
MSVOA_X
ClientSampled :

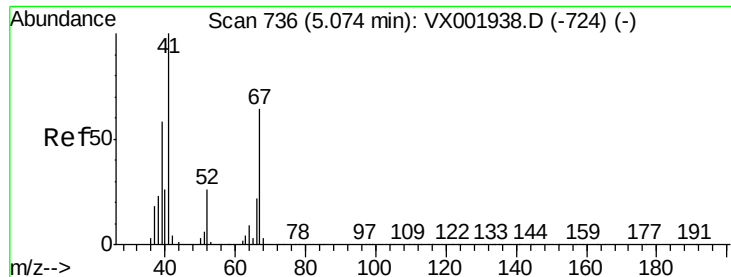
Tot Ion: 83 Resp: 82115
Ion Ratio Lower Upper
83 100
55 82.4 67.3 100.9
98 45.8 37.5 56.3



#40
Benzene
Concen: 18.77 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion: 78 Resp: 232266
Ion Ratio Lower Upper
78 100
77 22.5 19.1 28.7

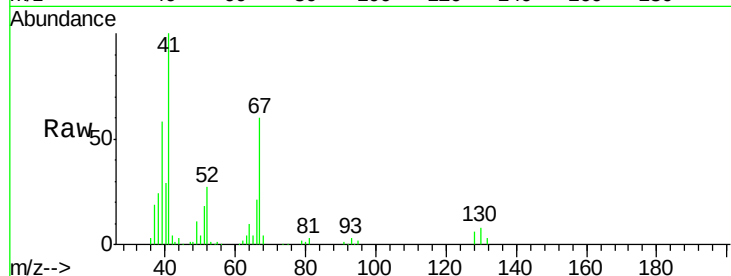




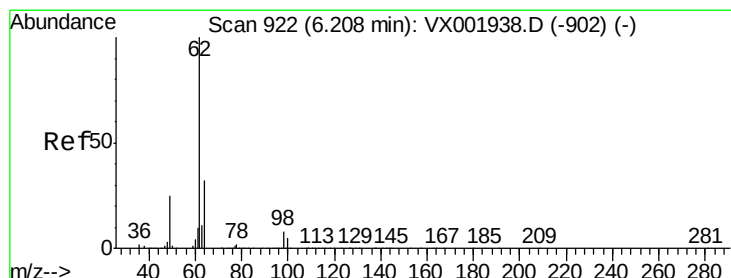
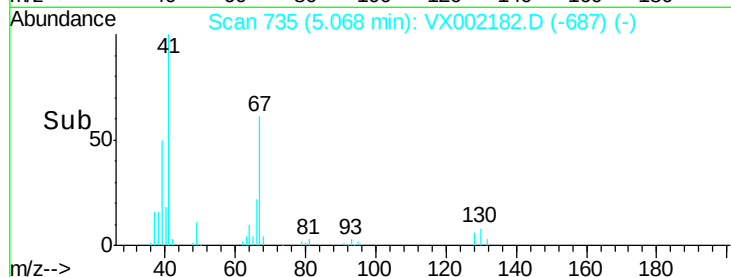
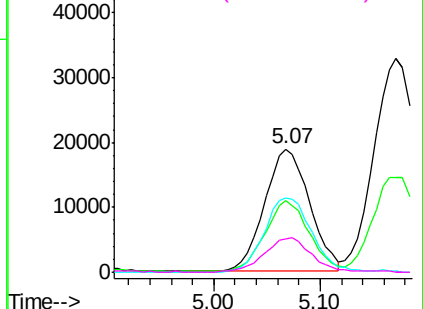
#41
Methacrylonitrile
Concen: 18.31 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	55725
Ion	Ratio	Lower	Upper
41	100		
39	56.3	46.0	69.0
67	63.6	50.6	75.8
52	29.8	21.9	32.9

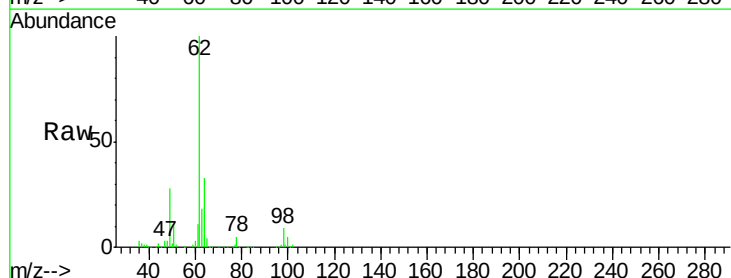


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

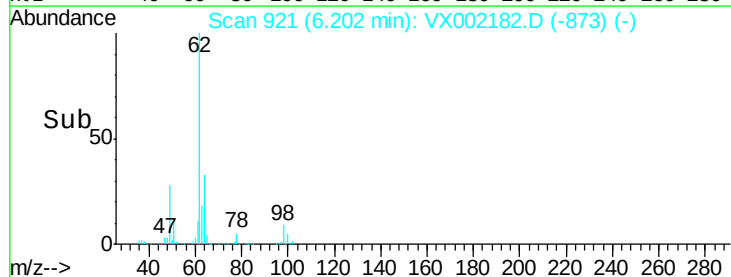
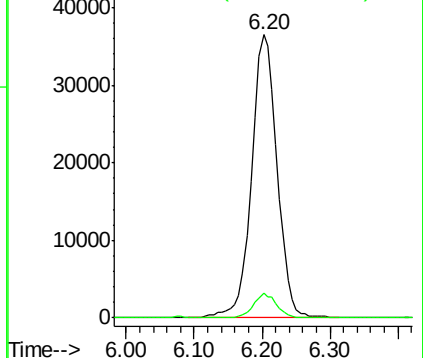


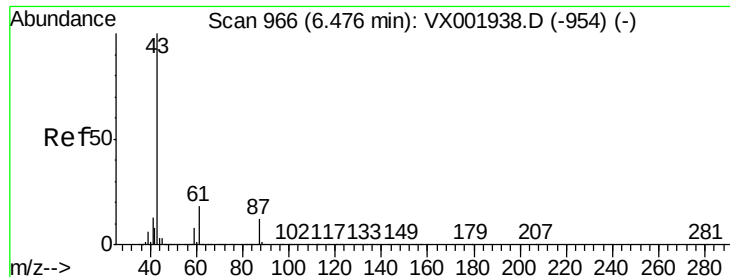
#42
1,2-Dichloroethane
Concen: 19.30 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion:	62	Resp:	95400
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 17.65 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

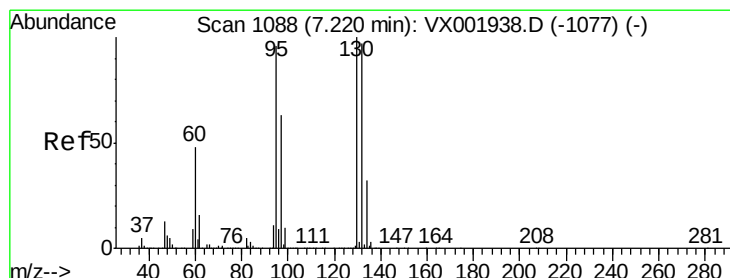
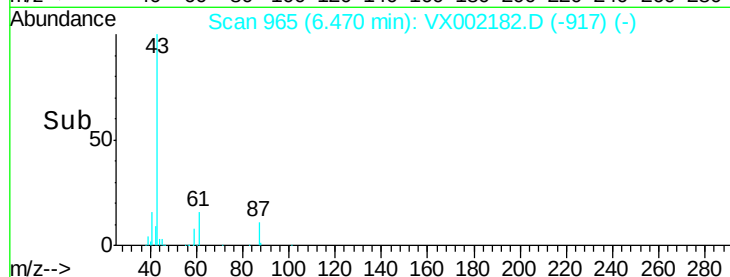
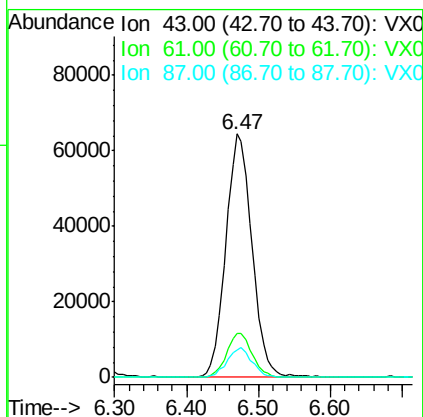
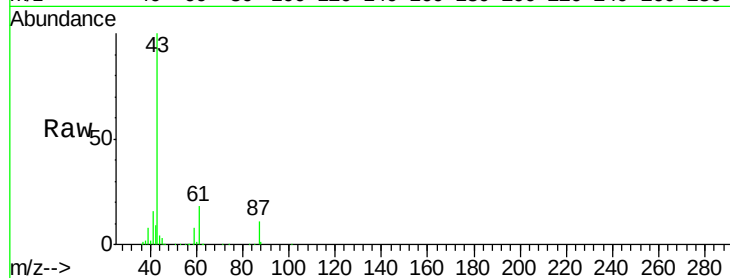
Tot Ion: 43 Resp: 161922

Ion Ratio Lower Upper

43 100

61 18.1 14.5 21.7

87 11.7 9.5 14.3



#44

Trichloroethene

Concen: 17.28 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX002182.D

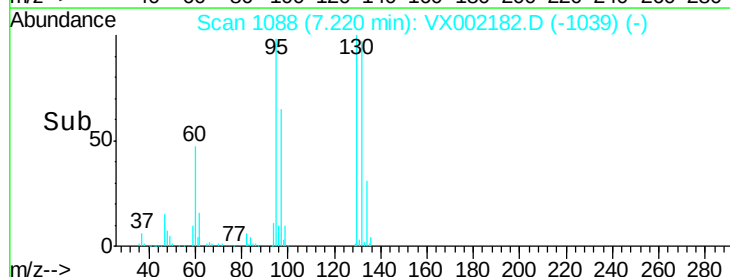
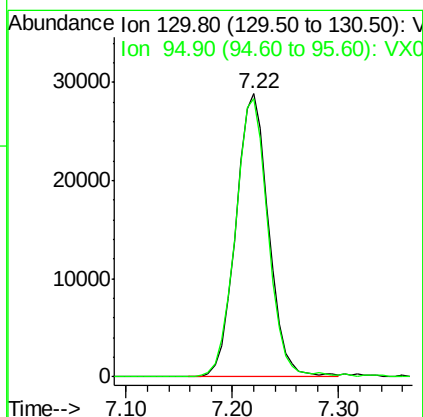
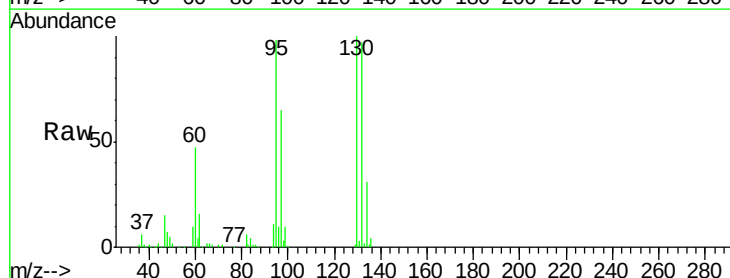
Acq: 31 May 2018 17:27

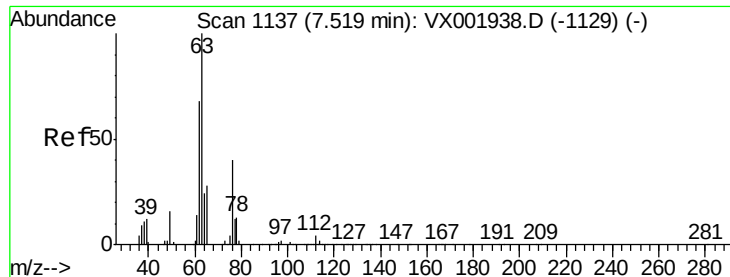
Tgt Ion: 130 Resp: 62312

Ion Ratio Lower Upper

130 100

95 98.5 0.0 192.0

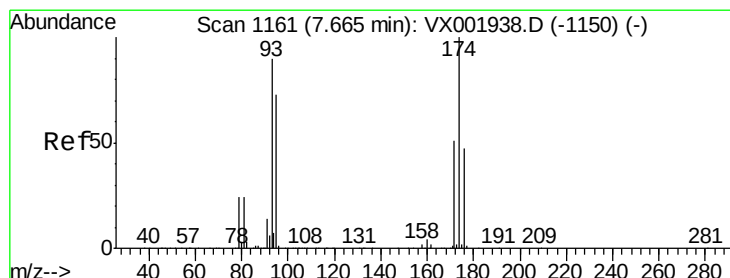
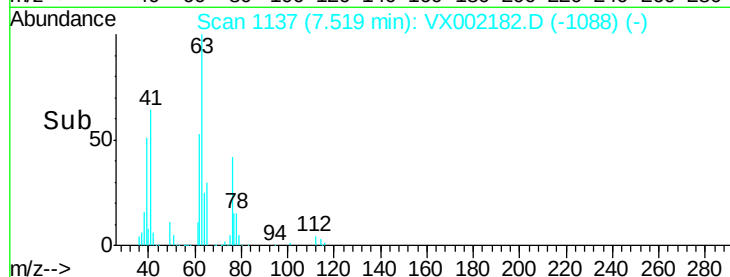
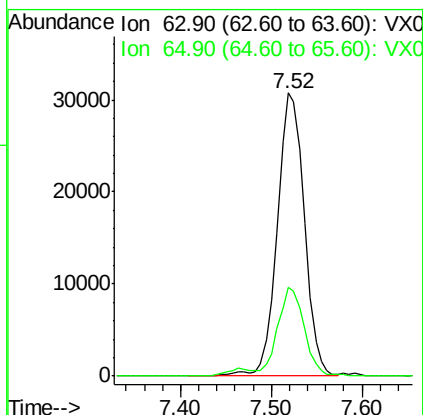
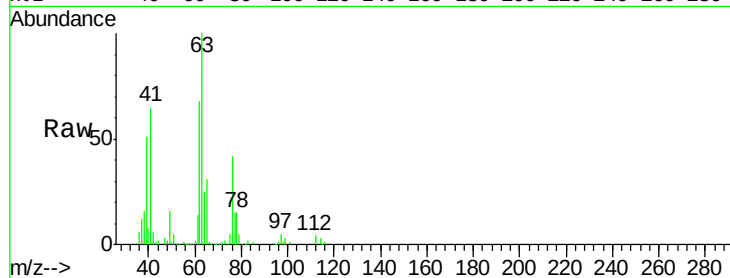




#45
 1,2-Dichloropropane
 Concen: 18.94 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

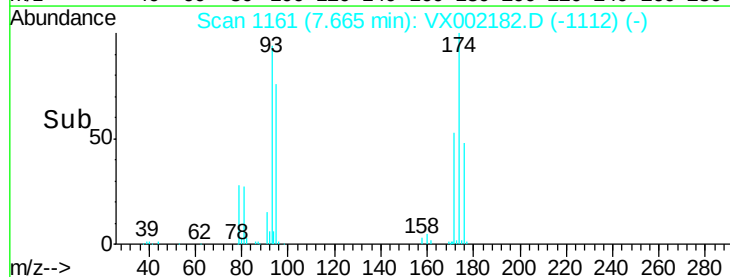
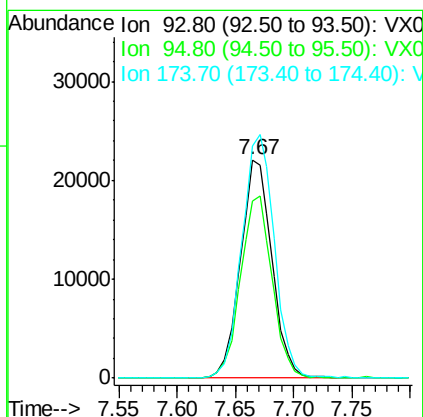
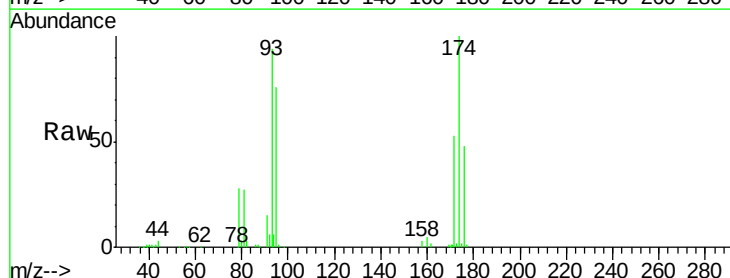
Instrument :
 MSVOA_X
 ClientSampleId :

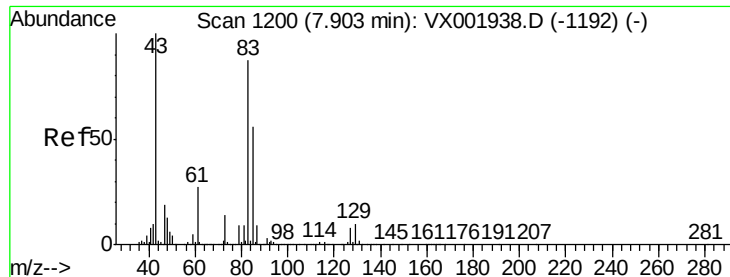
Tot Ion: 63 Resp: 63664
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.1 36.1



#46
 Dibromomethane
 Concen: 18.78 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Tgt Ion: 93 Resp: 41784
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.1 99.1
 174 114.9 92.5 138.7





#47

Bromodichloromethane

Concen: 15.96 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :

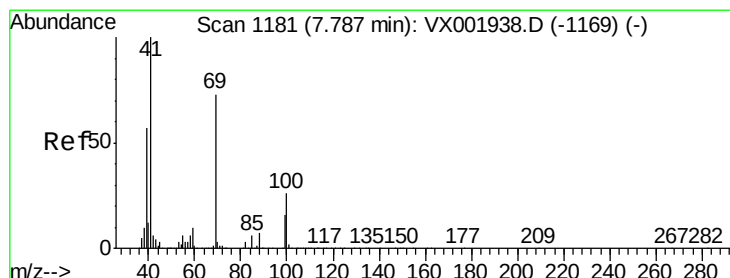
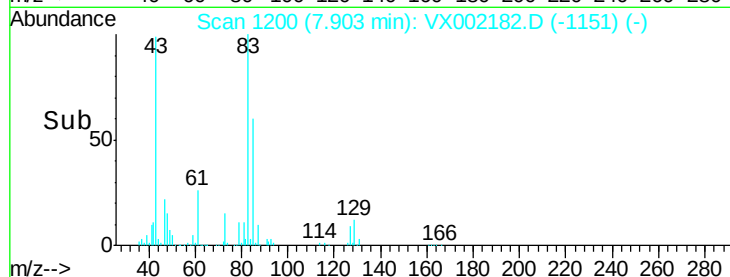
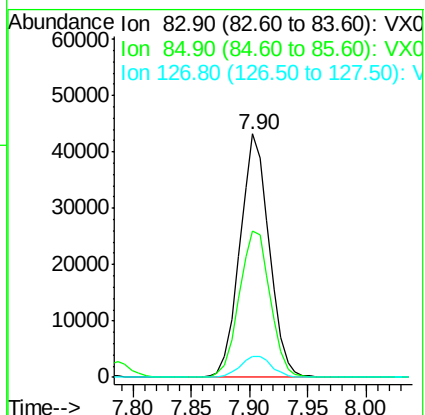
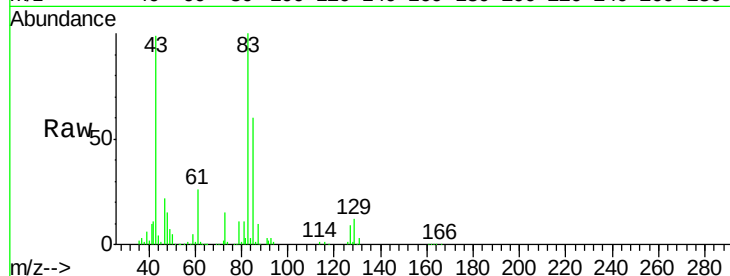
Tot Ion: 83 Resp: 75693

Ion Ratio Lower Upper

83 100

85 59.8 51.4 77.2

127 8.6 7.1 10.7



#48

Methyl methacrylate

Concen: 17.89 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

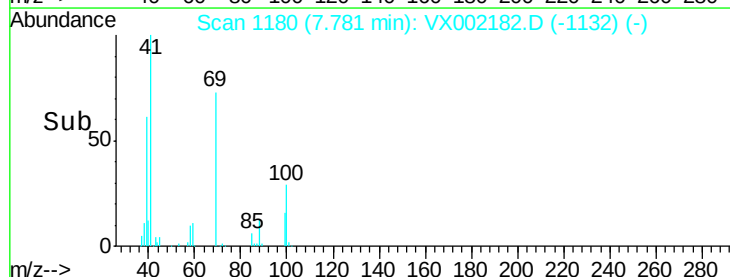
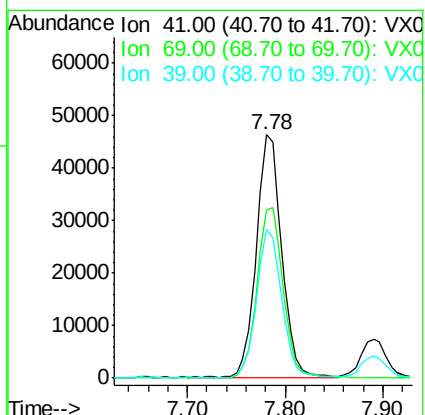
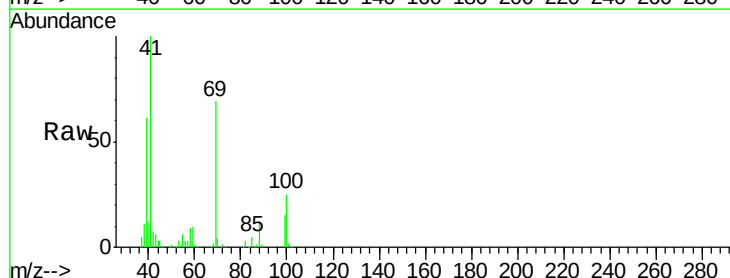
Tgt Ion: 41 Resp: 83567

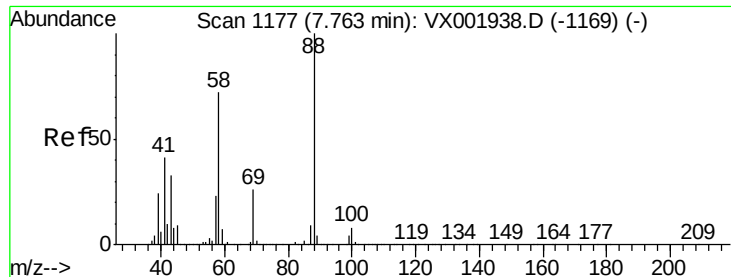
Ion Ratio Lower Upper

41 100

69 72.8 58.6 87.8

39 60.6 46.3 69.5





#49

1,4-Dioxane

Concen: 395.18 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :

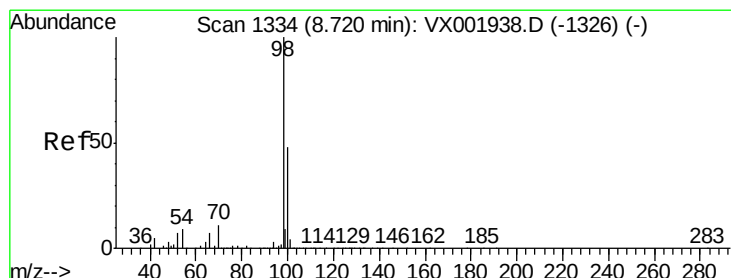
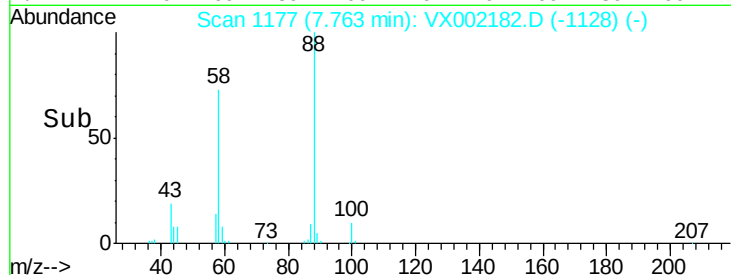
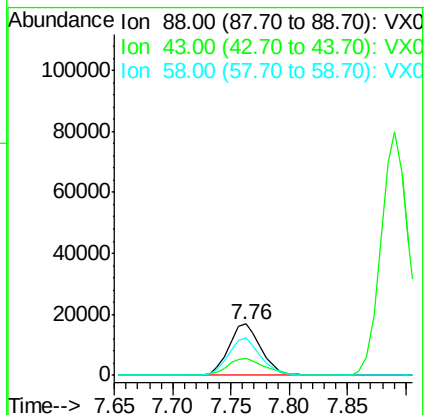
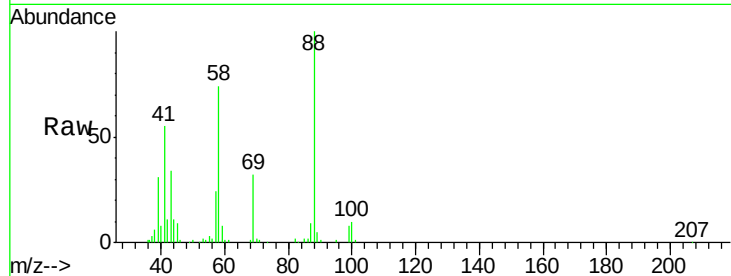
Tot Ion: 88 Resp: 32520

Ion Ratio Lower Upper

88 100

43 37.5 29.8 44.8

58 73.0 58.7 88.1



#50

Toluene-d8

Concen: 40.50 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002182.D

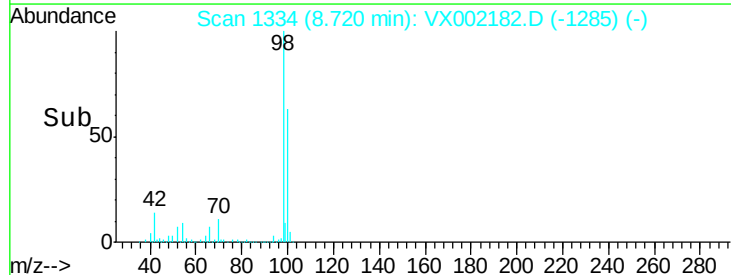
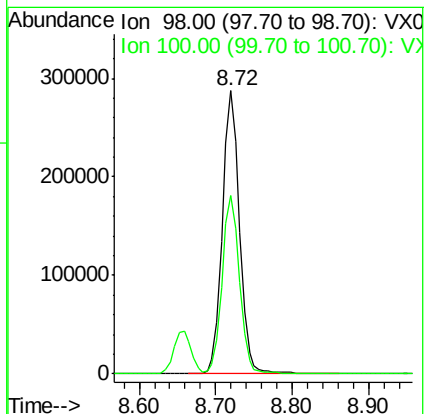
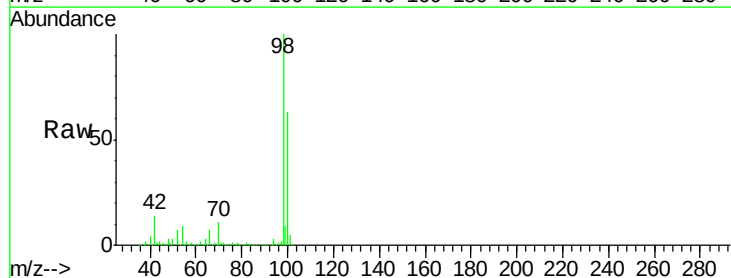
Acq: 31 May 2018 17:27

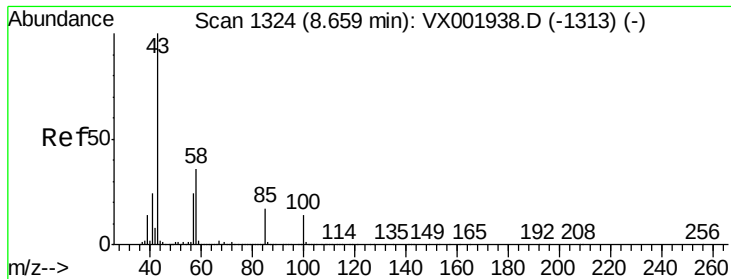
Tgt Ion: 98 Resp: 445213

Ion Ratio Lower Upper

98 100

100 64.4 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 96.31 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

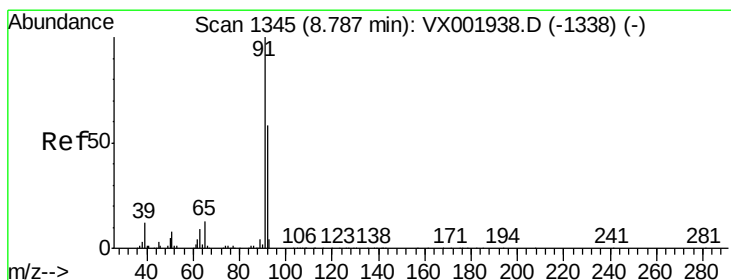
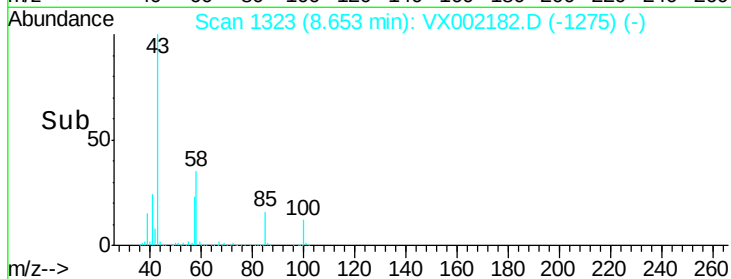
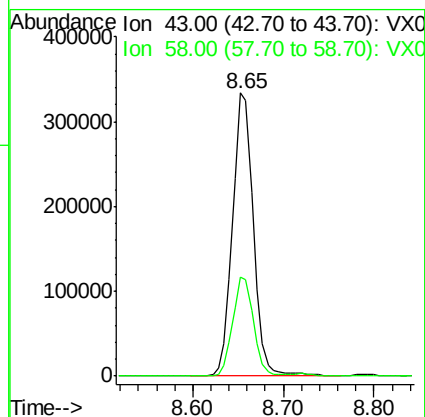
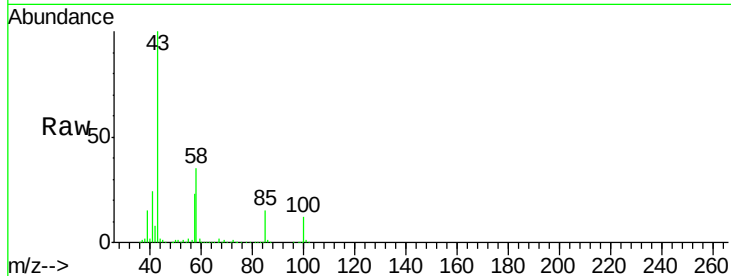
ClientSampled :

Tot Ion: 43 Resp: 532689

Ion Ratio Lower Upper

43 100

58 34.8 28.5 42.7



#52

Toluene

Concen: 18.98 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002182.D

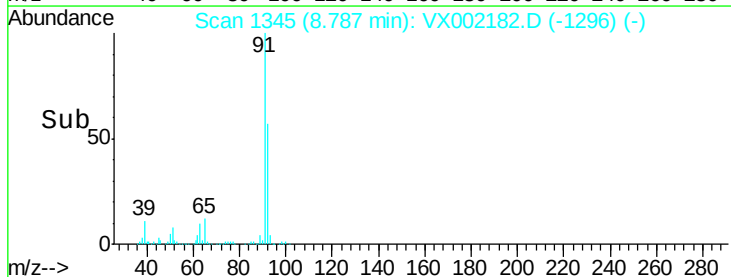
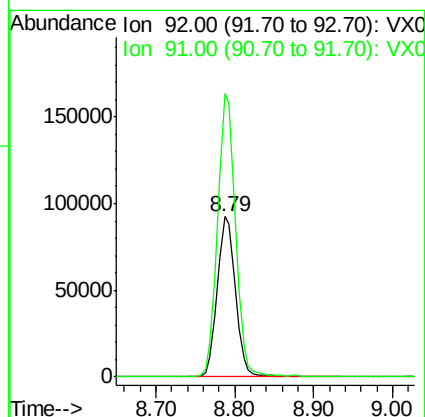
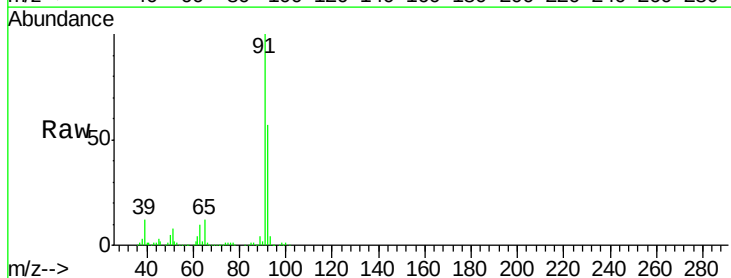
Acq: 31 May 2018 17:27

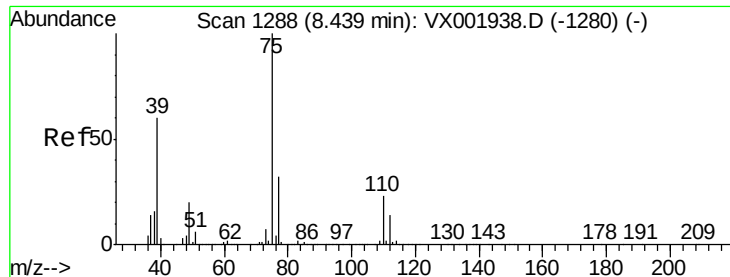
Tgt Ion: 92 Resp: 149483

Ion Ratio Lower Upper

92 100

91 175.1 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 16.90 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

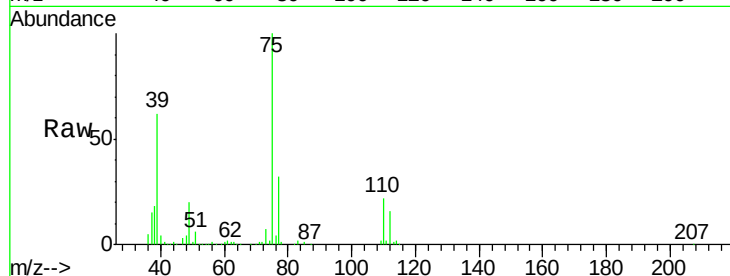
ClientSampleId :

Tot Ion: 75 Resp: 92361

Ion Ratio Lower Upper

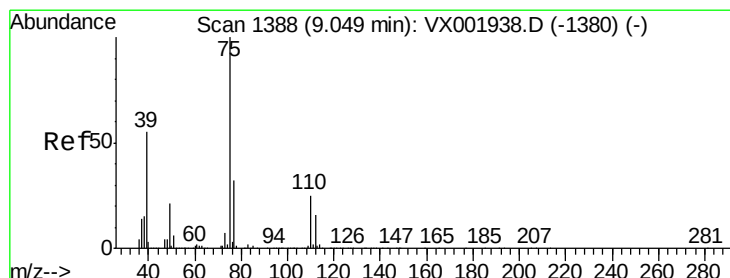
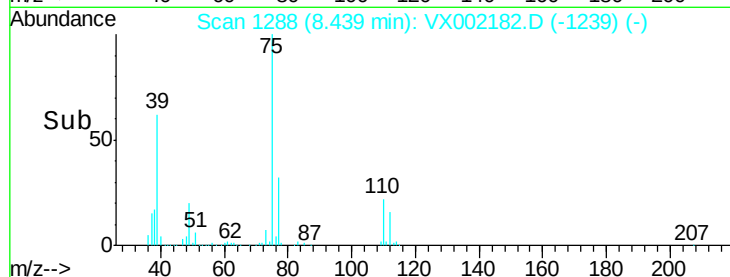
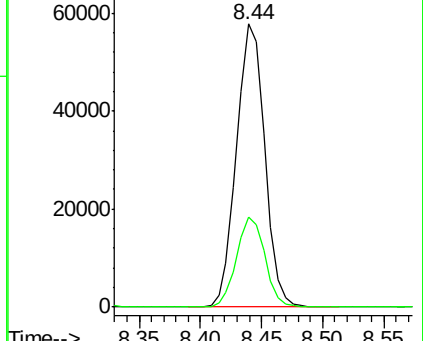
75 100

77 31.7 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 15.75 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

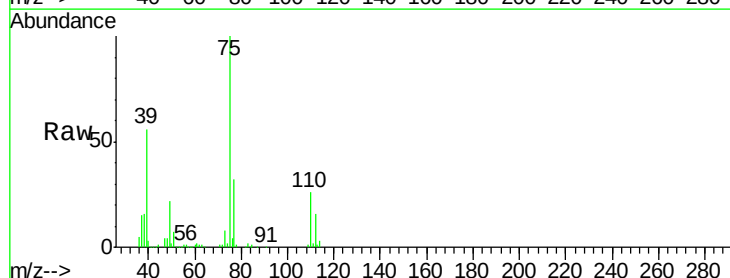
Tgt Ion: 75 Resp: 83866

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0

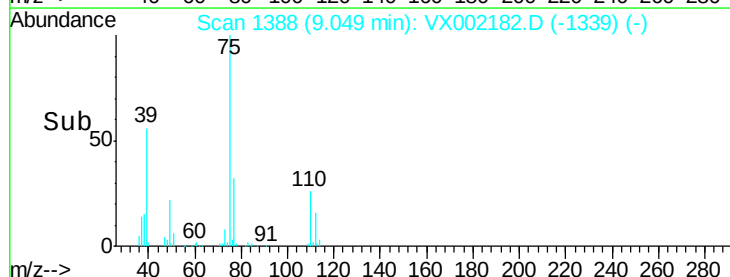
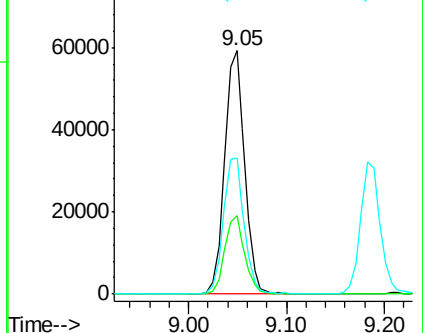
39 55.9 44.1 66.1

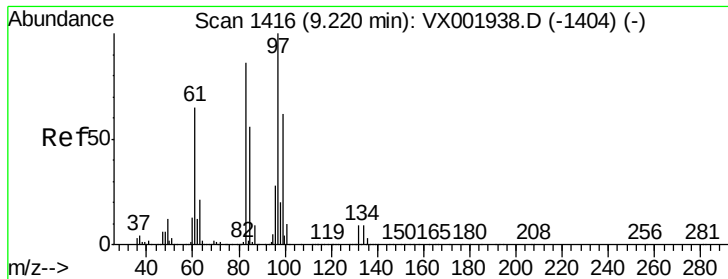


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

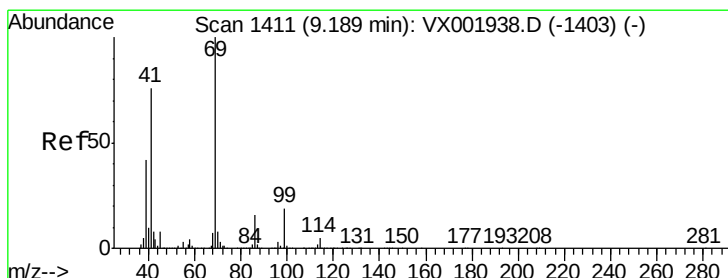
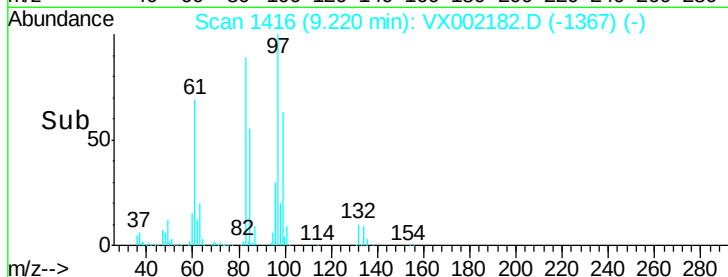
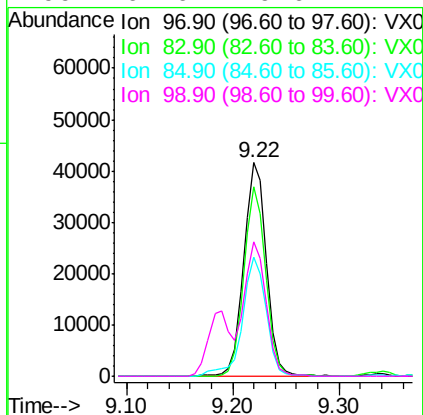
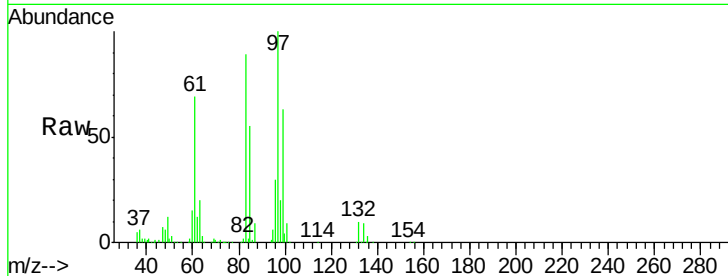




#55
 1,1,2-Trichloroethane
 Concen: 18.97 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

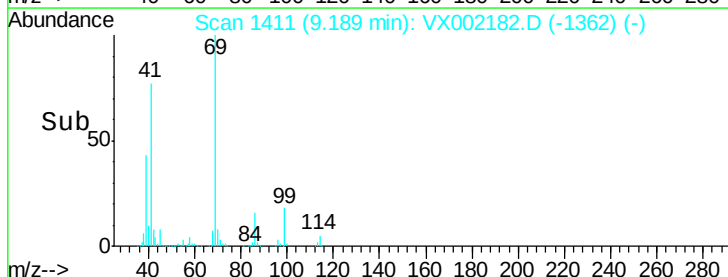
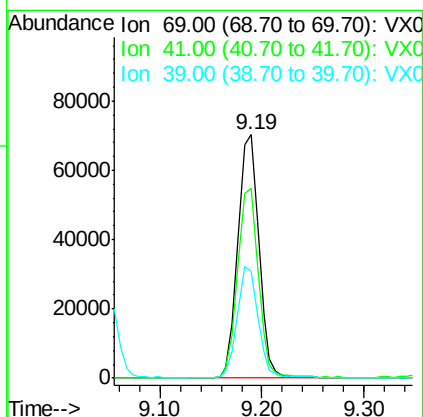
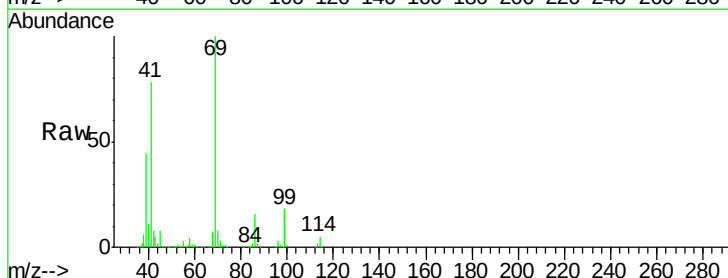
Instrument :
 MSVOA_X
 ClientSampleId :

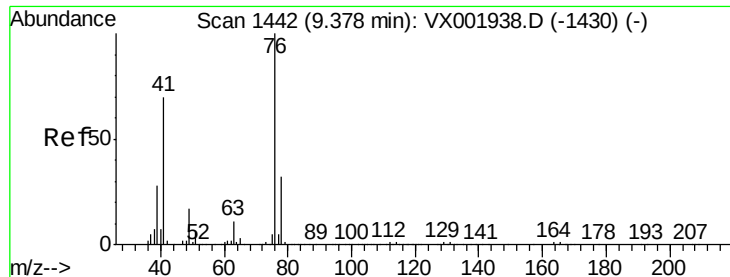
Tot Ion:	97	Resp:	62397
Ion	Ratio	Lower	Upper
97	100		
83	88.8	69.1	103.7
85	55.5	45.2	67.8
99	62.6	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 17.72 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Tgt Ion:	69	Resp:	100270
Ion	Ratio	Lower	Upper
69	100		
41	76.9	61.0	91.6
39	44.7	34.4	51.6

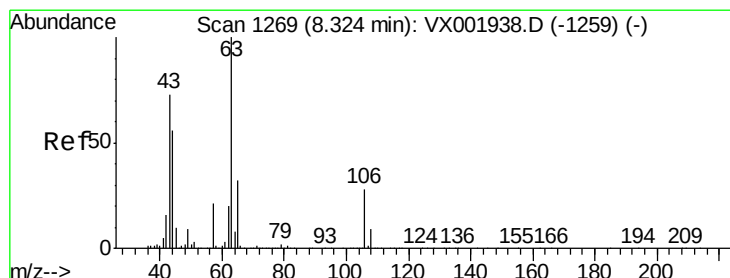
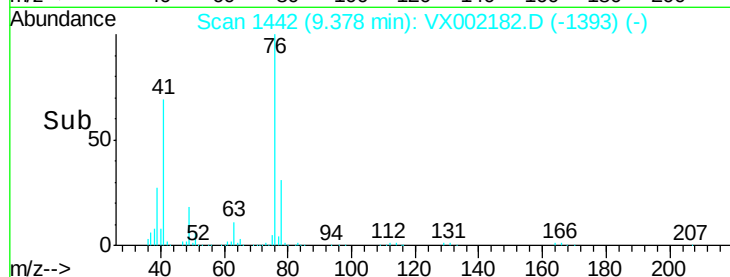
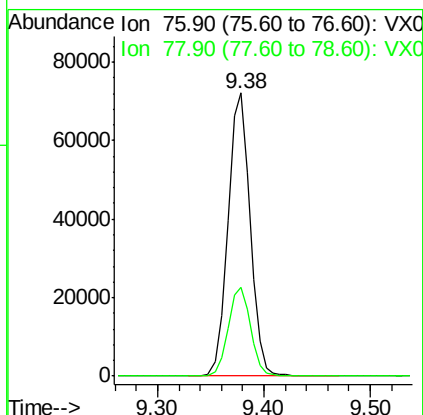
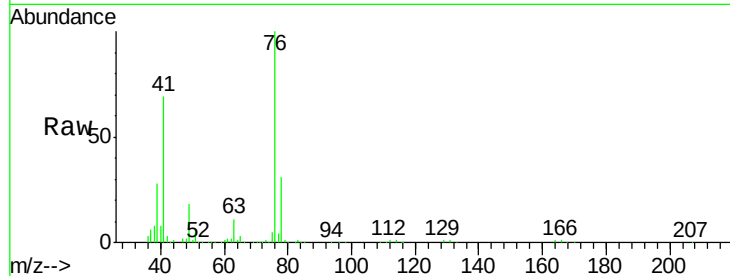




#57
 1,3-Dichloropropane
 Concen: 19.45 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

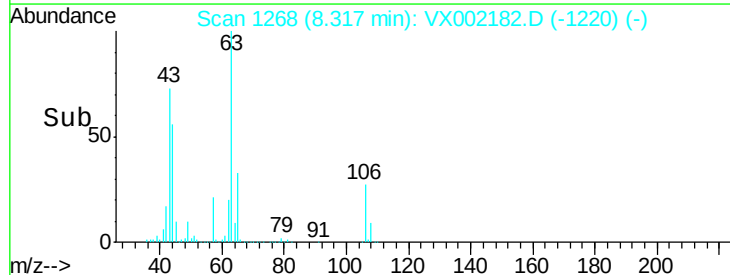
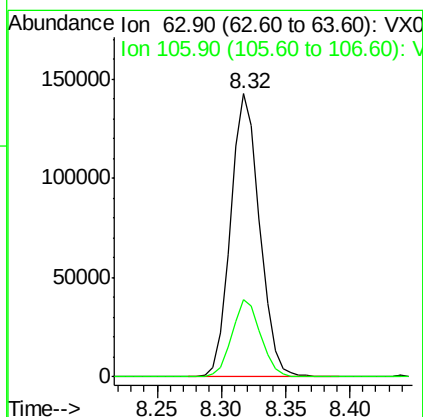
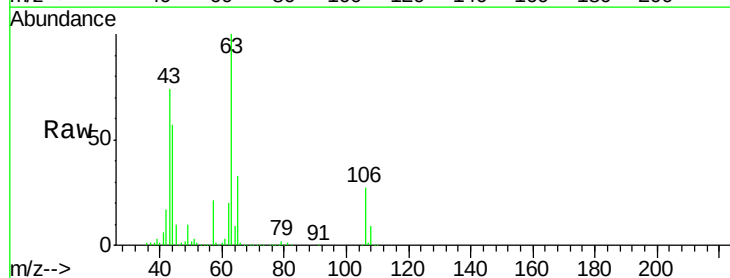
Instrument :
 MSVOA_X
 ClientSampleId :

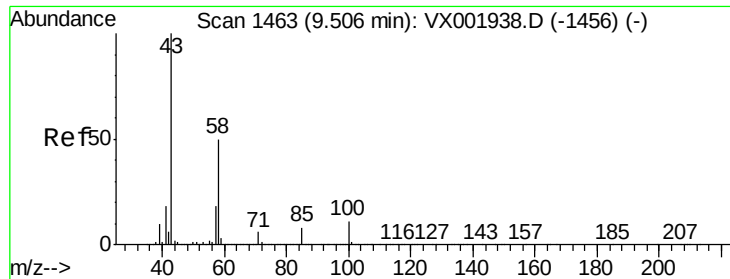
Tot Ion: 76 Resp: 105387
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.64 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Tgt Ion: 63 Resp: 224827
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.7 32.5

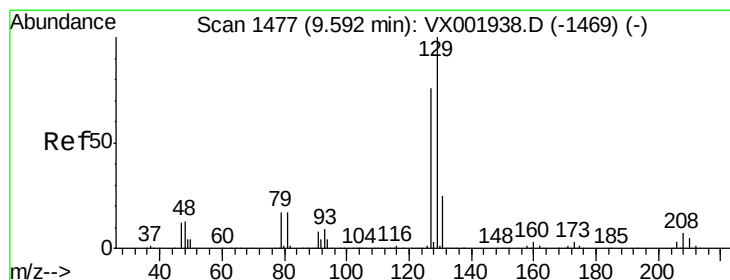
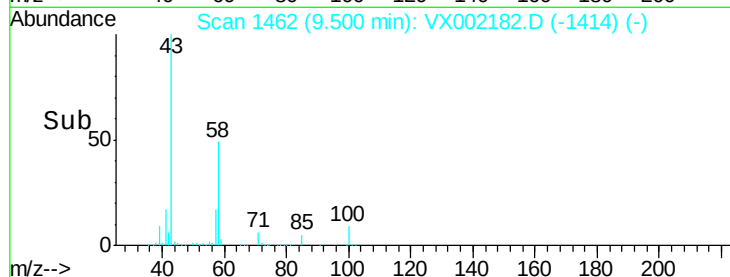
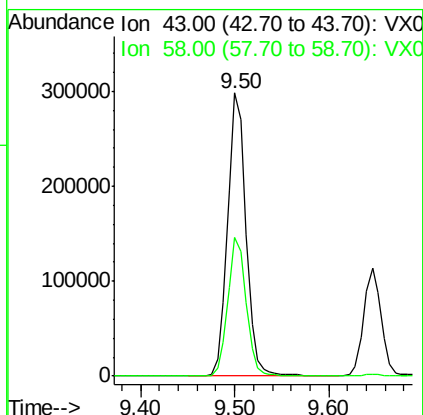
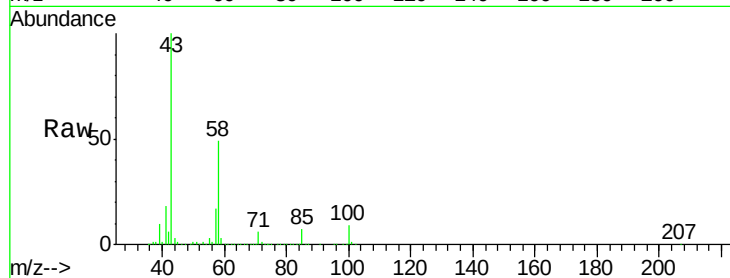




#59
2-Hexanone
Concen: 94.99 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

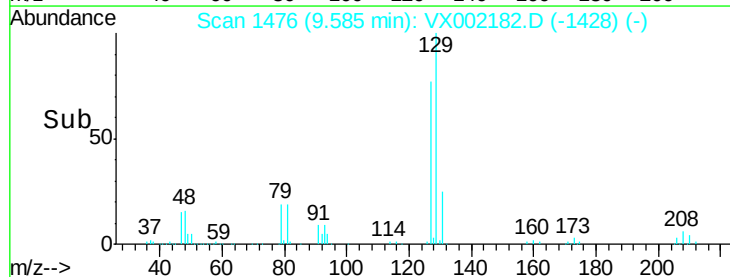
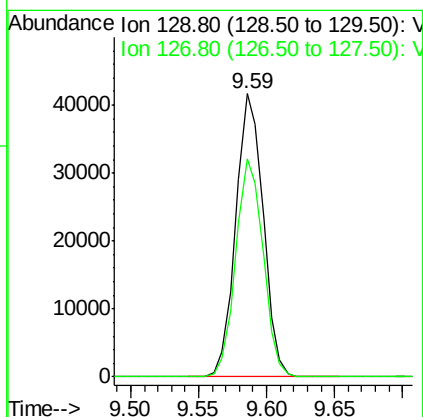
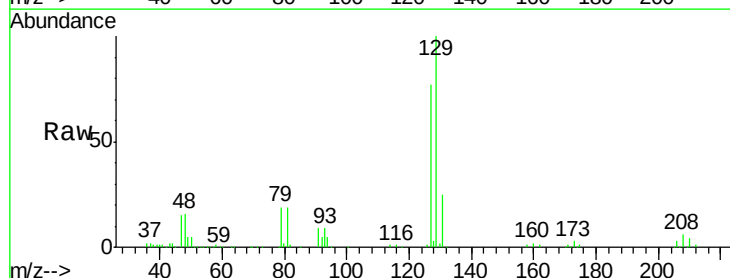
Instrument :
MSVOA_X
ClientSampleId :

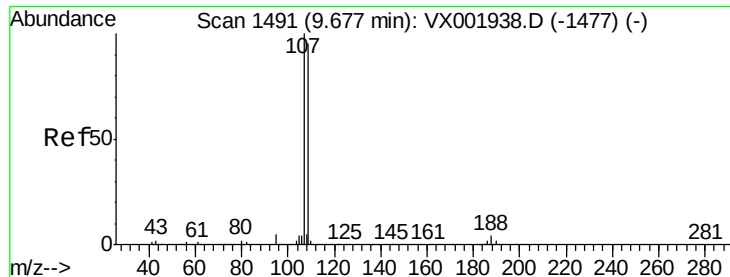
Tot Ion: 43 Resp: 405132
Ion Ratio Lower Upper
43 100
58 49.1 24.9 74.6



#60
Dibromochloromethane
Concen: 15.05 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion: 129 Resp: 58659
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.9





#61

1,2-Dibromoethane

Concen: 18.29 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

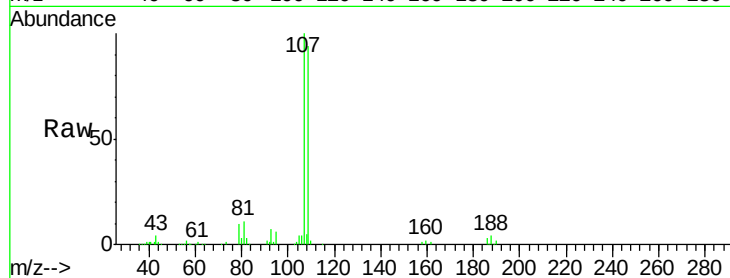
ClientSampleId :

Tot Ion:107 Resp: 63141

Ion Ratio Lower Upper

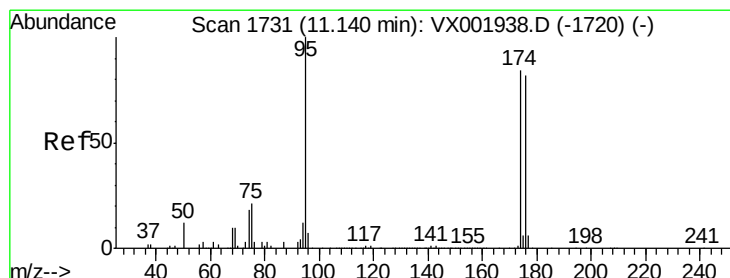
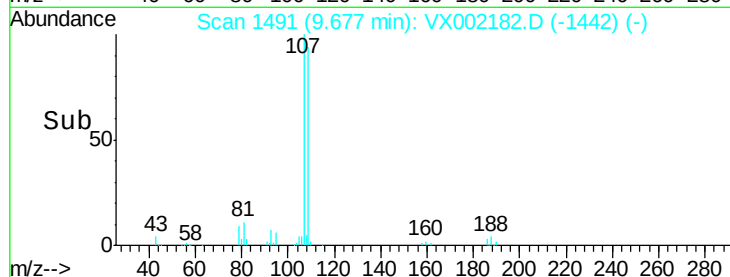
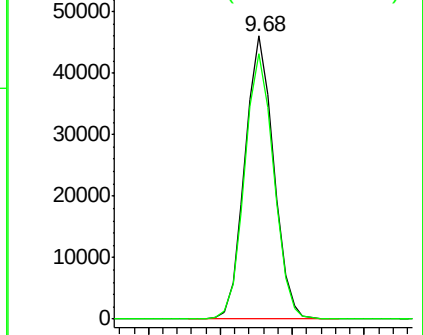
107 100

109 95.7 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 40.27 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

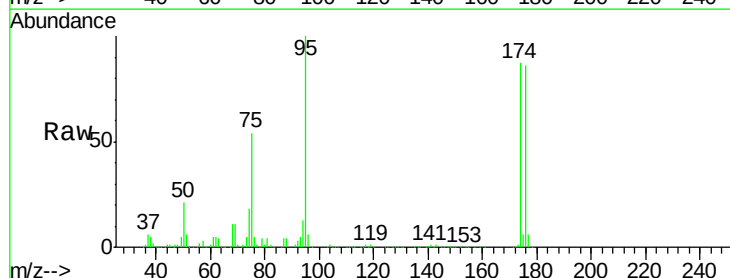
Tgt Ion: 95 Resp: 173206

Ion Ratio Lower Upper

95 100

174 92.3 0.0 178.8

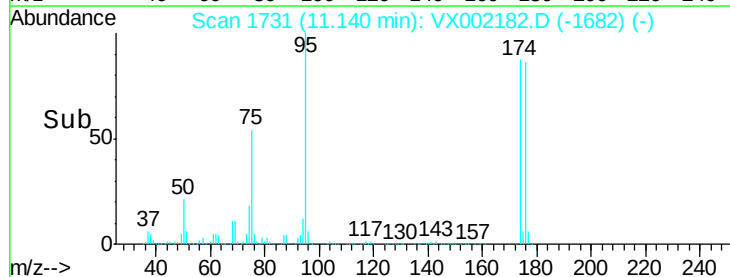
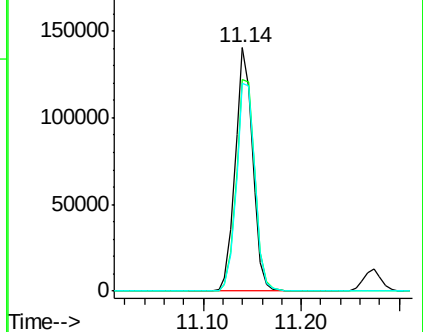
176 90.4 0.0 175.6

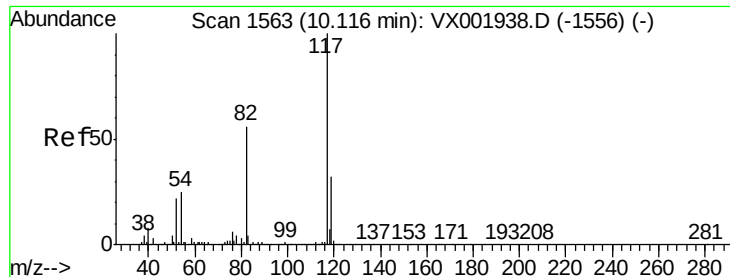


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

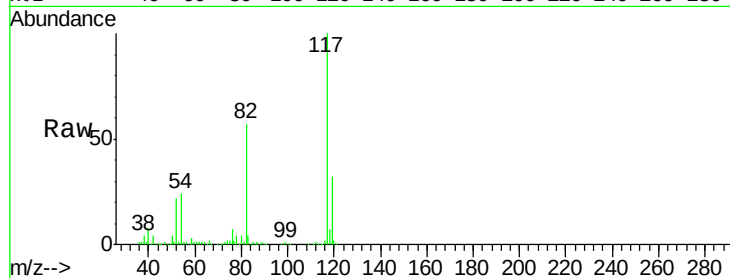
Tot Ion:117 Resp: 281520

Ion Ratio Lower Upper

117 100

82 57.3 44.8 67.2

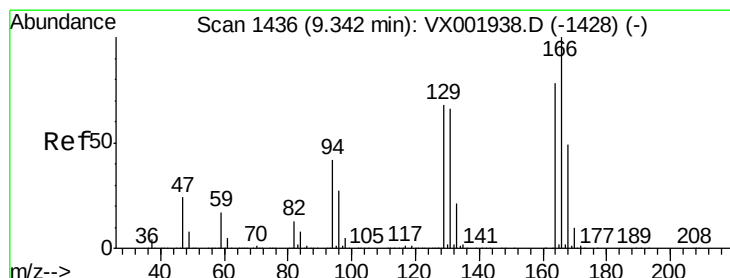
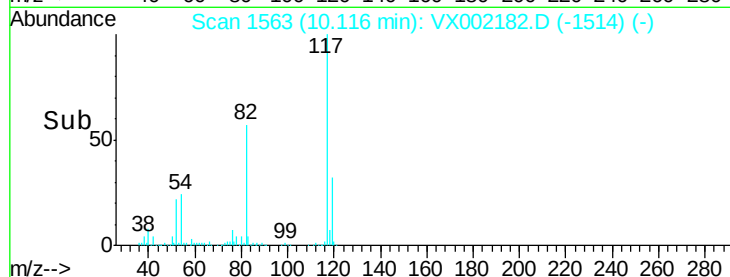
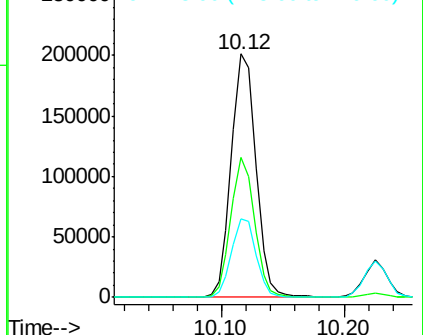
119 32.4 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 17.56 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Tgt Ion:164 Resp: 70889

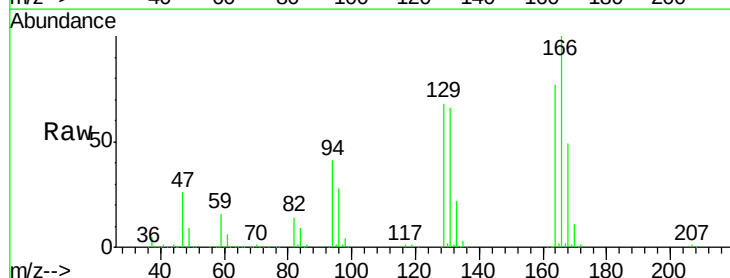
Ion Ratio Lower Upper

164 100

166 129.5 102.7 154.1

129 88.2 70.3 105.5

131 85.1 68.2 102.4

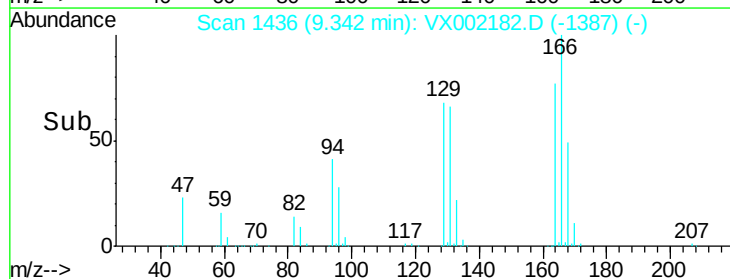
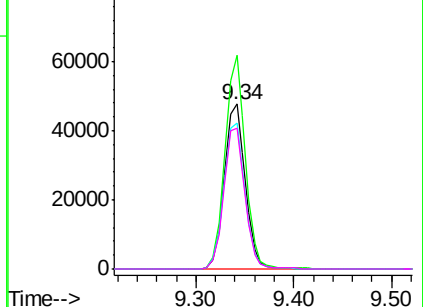


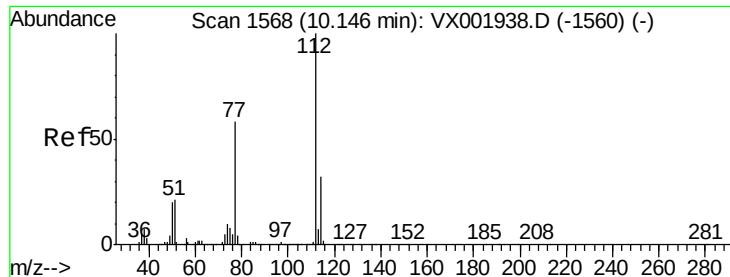
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.03 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

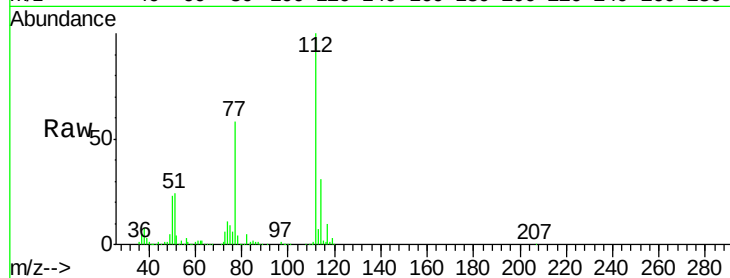
ClientSampled :

Tot Ion:112 Resp: 169771

Ion Ratio Lower Upper

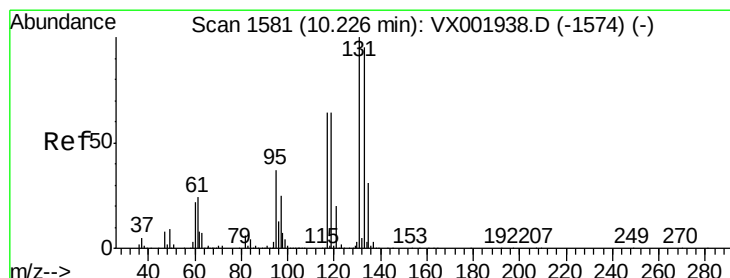
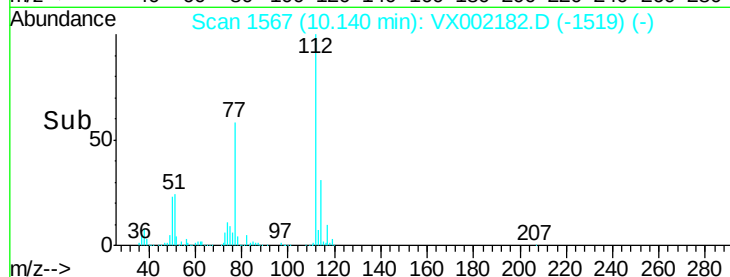
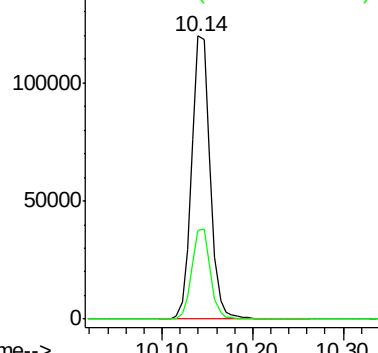
112 100

114 31.3 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 16.84 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

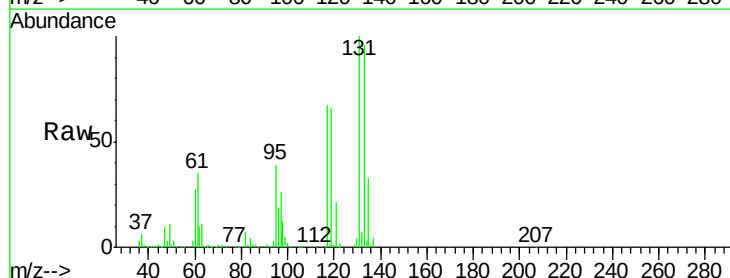
Tgt Ion:131 Resp: 60658

Ion Ratio Lower Upper

131 100

133 96.0 48.0 144.0

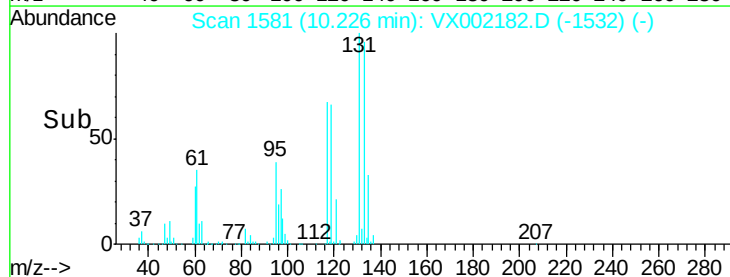
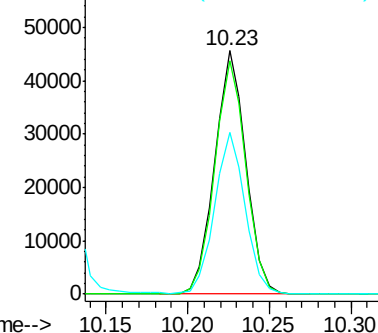
119 65.3 31.9 95.5

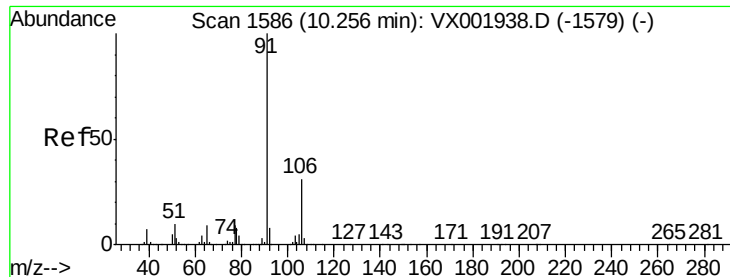


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.30 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

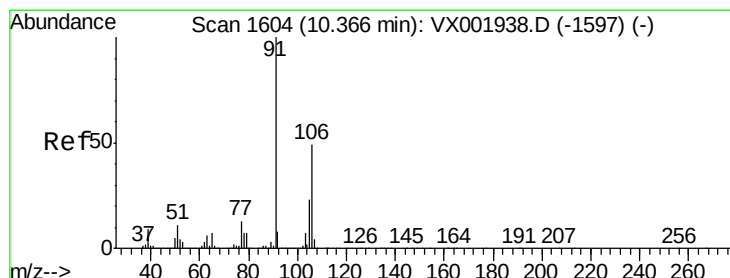
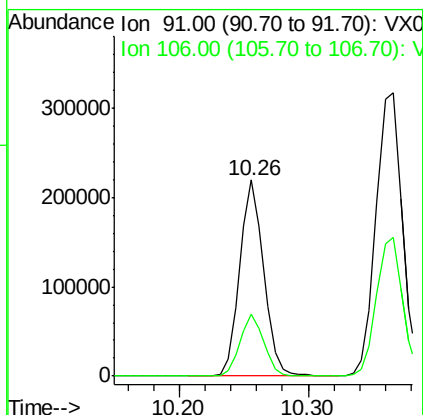
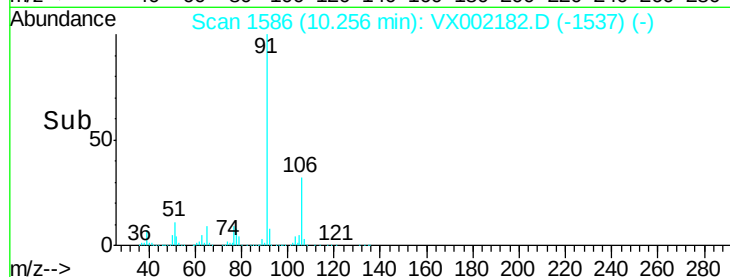
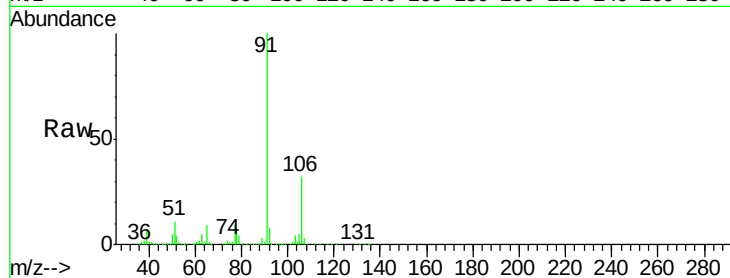
ClientSampled :

Tot Ion: 91 Resp: 283615

Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.6



#68

m/p-Xylenes

Concen: 36.72 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002182.D

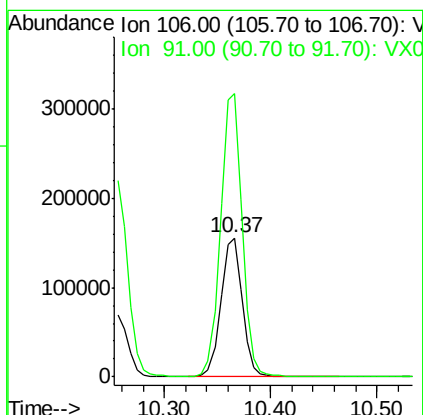
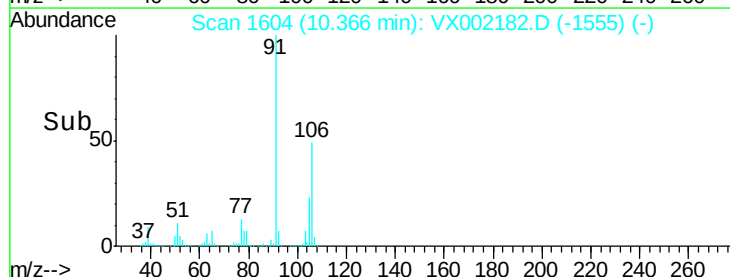
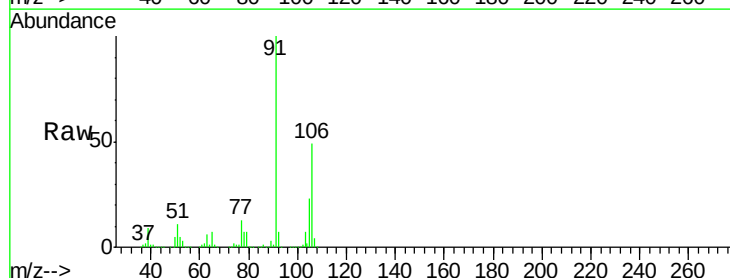
Acq: 31 May 2018 17:27

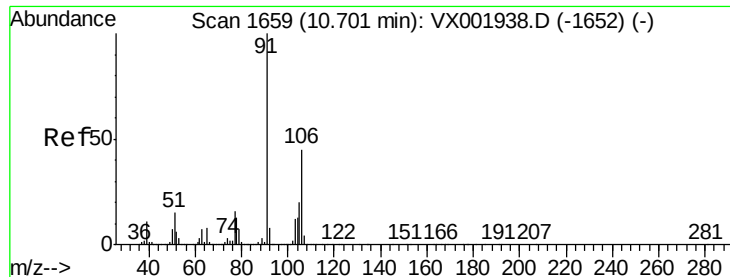
Tgt Ion:106 Resp: 217550

Ion Ratio Lower Upper

106 100

91 206.5 165.0 247.6

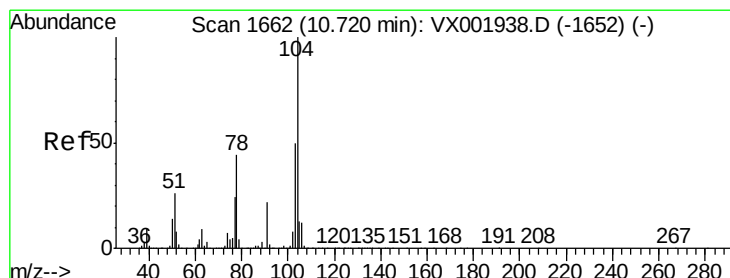
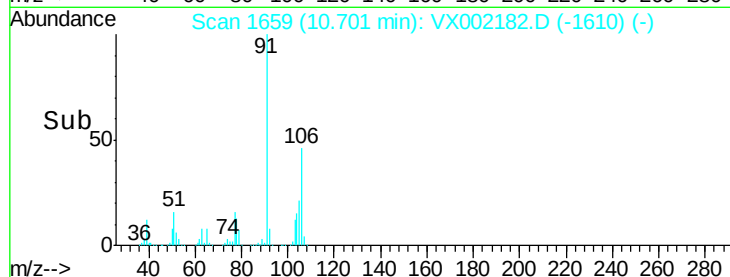
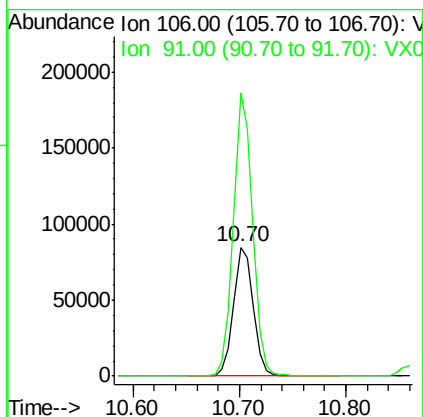
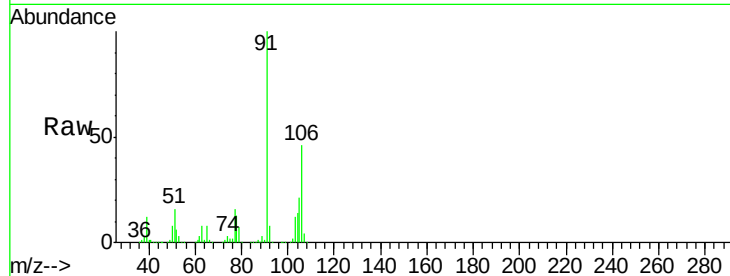




#69
o-Xylene
Concen: 18.66 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

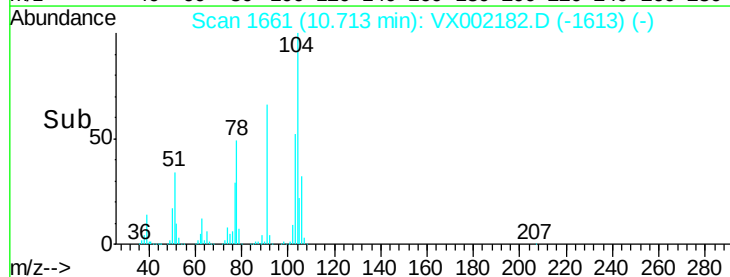
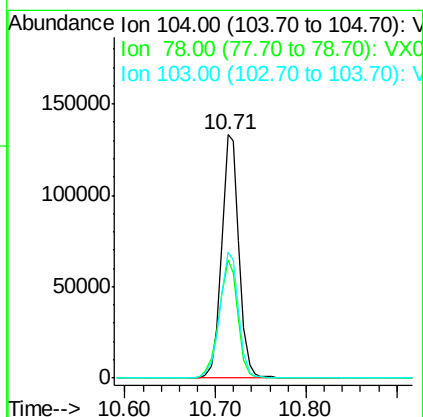
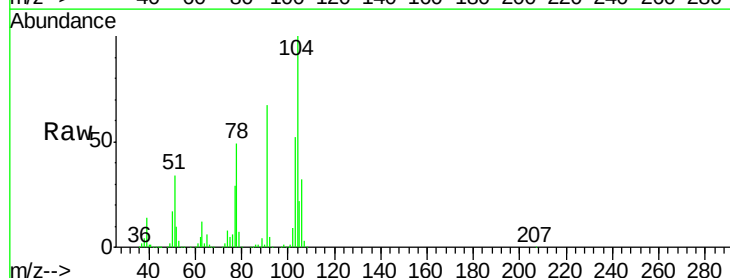
Instrument :
MSVOA_X
ClientSampleId :

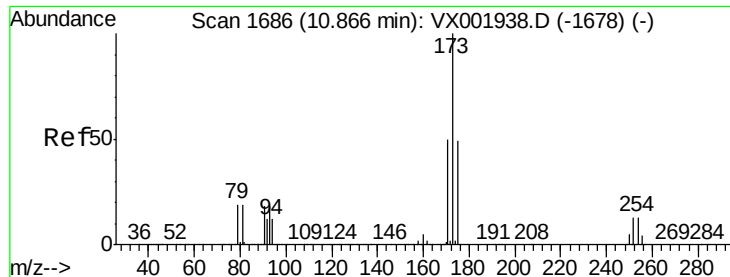
Tot Ion:106 Resp: 110371
Ion Ratio Lower Upper
106 100
91 215.5 108.7 325.9



#70
Styrene
Concen: 18.17 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion:104 Resp: 178276
Ion Ratio Lower Upper
104 100
78 52.8 41.8 62.6
103 55.8 44.6 67.0





#71

Bromoform

Concen: 12.89 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

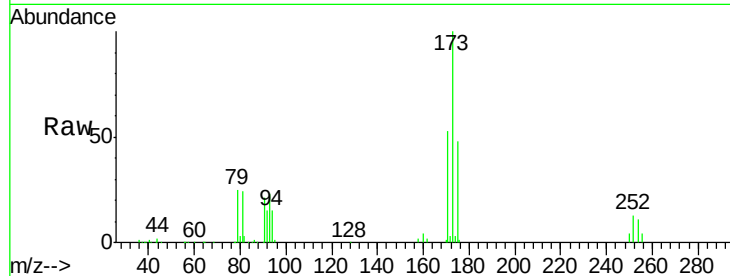
Tot Ion:173 Resp: 44010

Ion Ratio Lower Upper

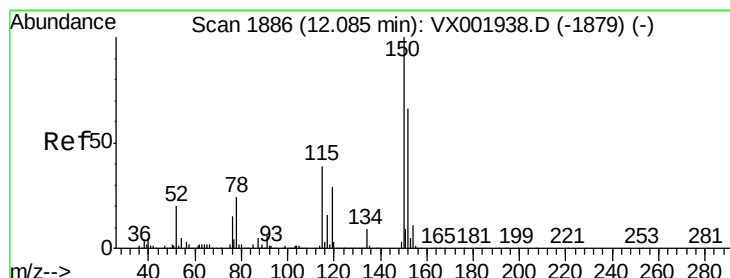
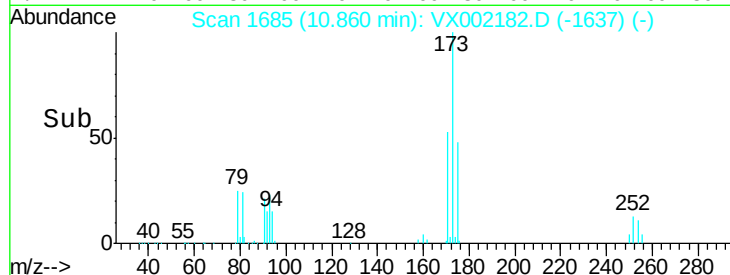
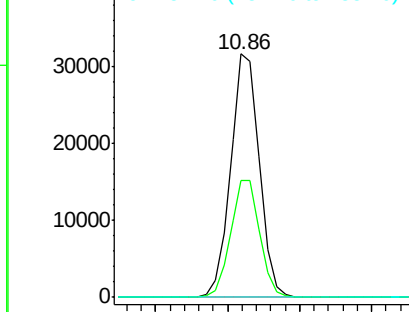
173 100

175 48.8 24.3 72.9

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

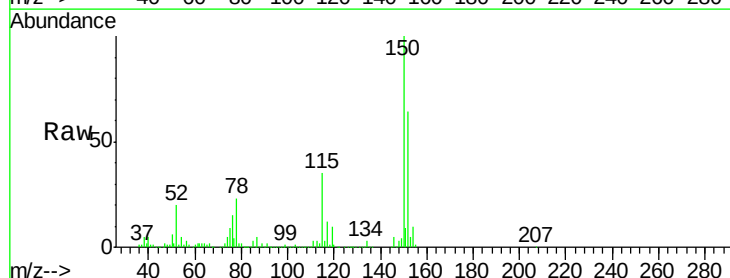
Tgt Ion:152 Resp: 179445

Ion Ratio Lower Upper

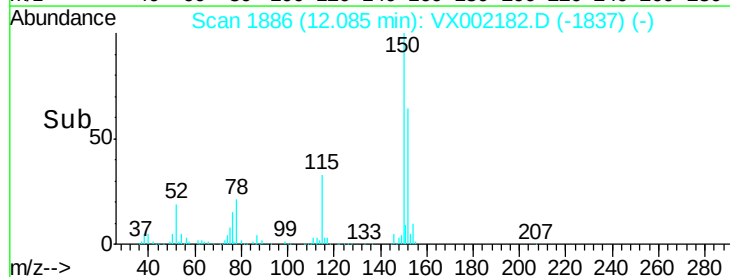
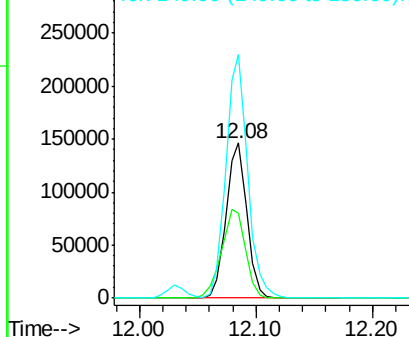
152 100

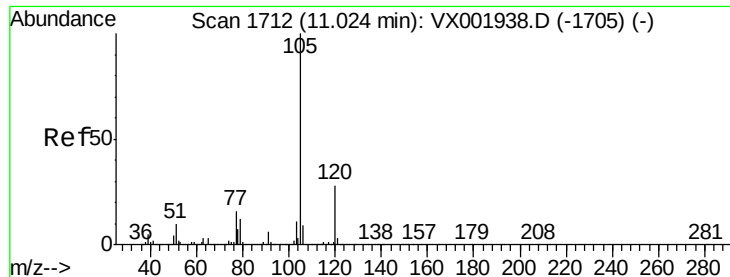
115 66.3 42.3 126.8

150 165.2 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.75 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

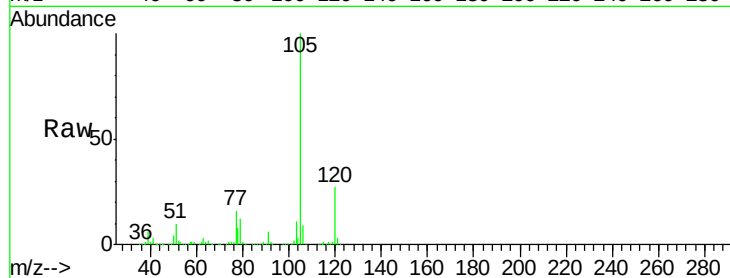
ClientSampled :

Tot Ion:105 Resp: 284963

Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

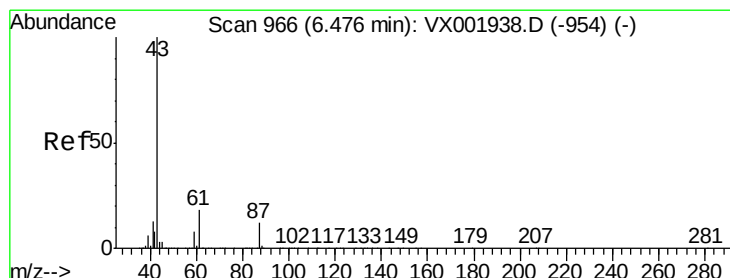
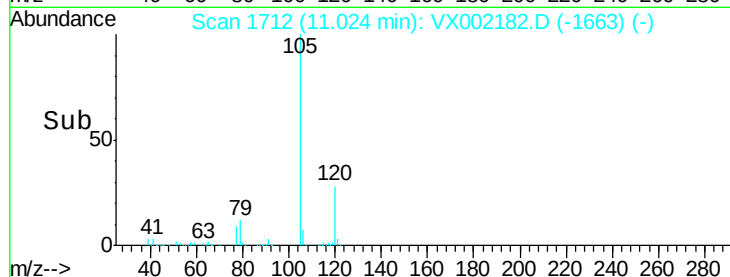
0

11.02

11.00

10.90

Time-->



#74

N-ethyl acetate

Concen: 18.56 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Tgt Ion: 43 Resp: 161922

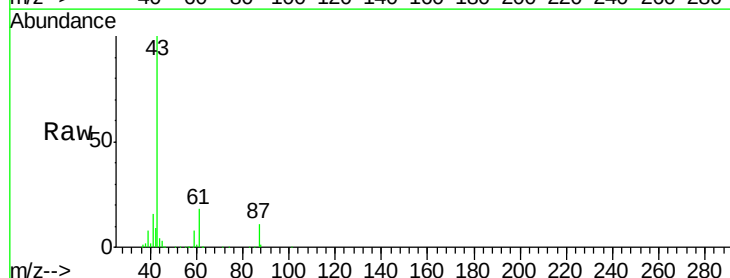
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1#

61 18.1 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

80000

60000

40000

20000

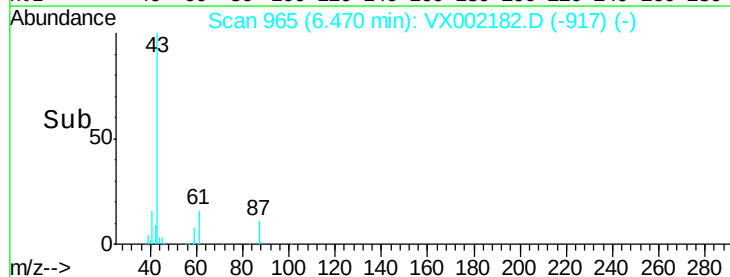
0

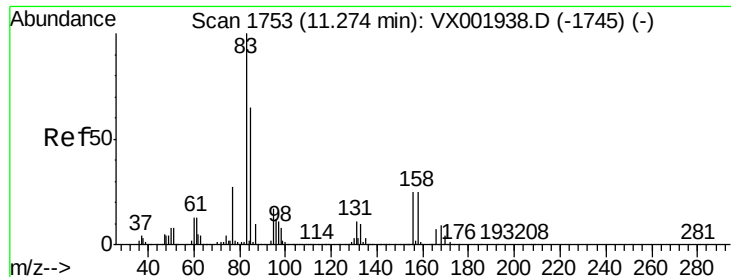
6.47

6.40

6.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.13 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

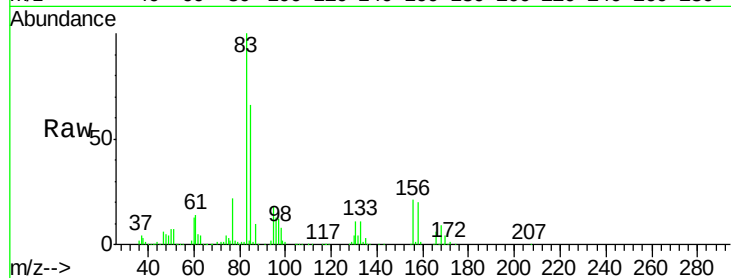
Tot Ion: 83 Resp: 90849

Ion Ratio Lower Upper

83 100

131 10.6 5.7 17.0

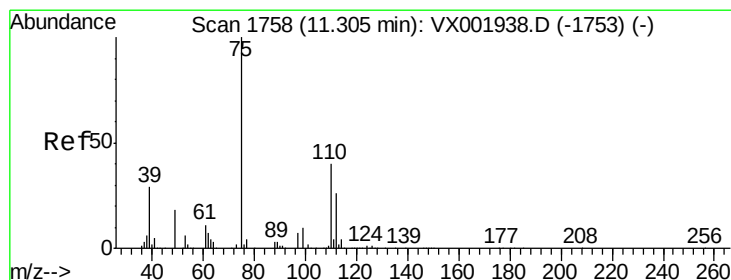
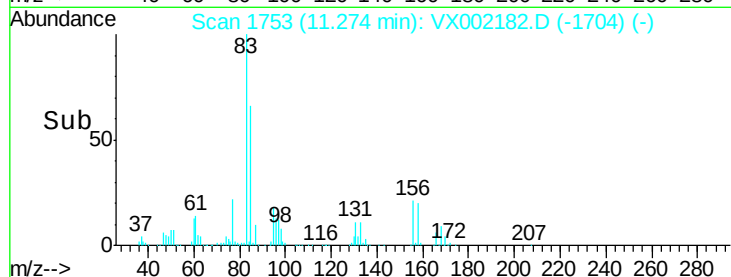
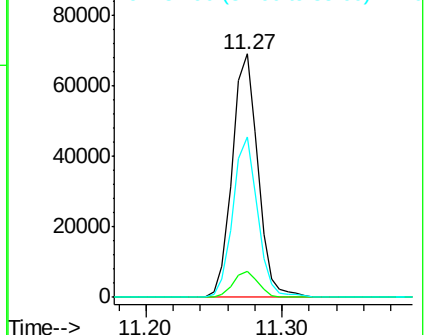
85 63.9 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.93 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002182.D

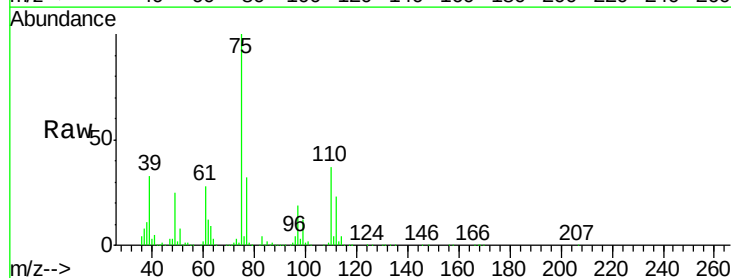
Acq: 31 May 2018 17:27

Tgt Ion: 75 Resp: 107459

Ion Ratio Lower Upper

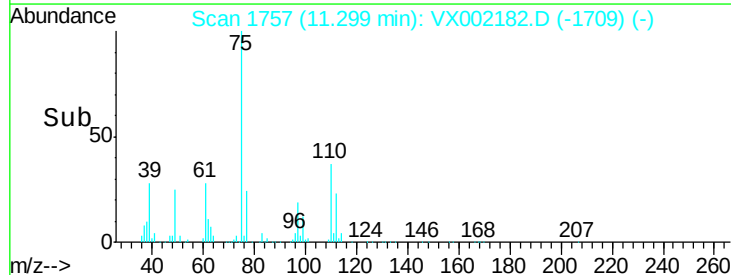
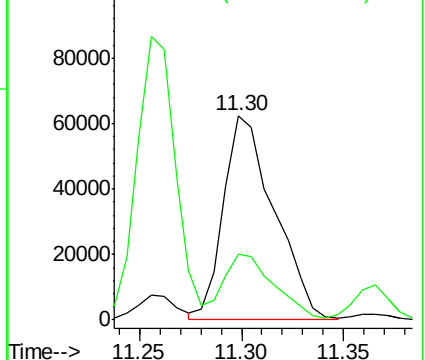
75 100

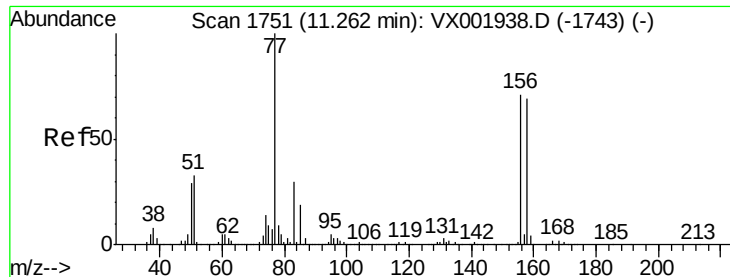
77 32.5 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.47 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampled :

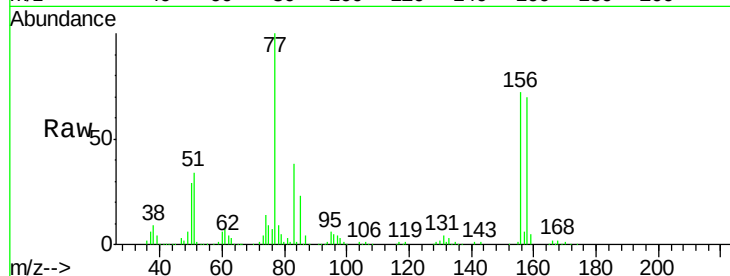
Tot Ion:156 Resp: 78515

Ion Ratio Lower Upper

156 100

77 145.1 75.2 225.6

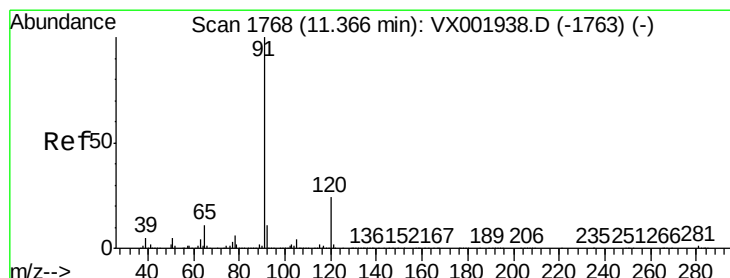
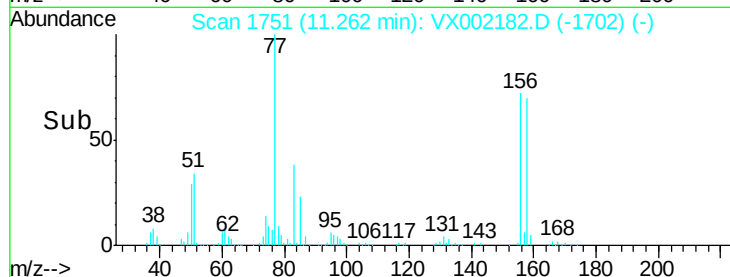
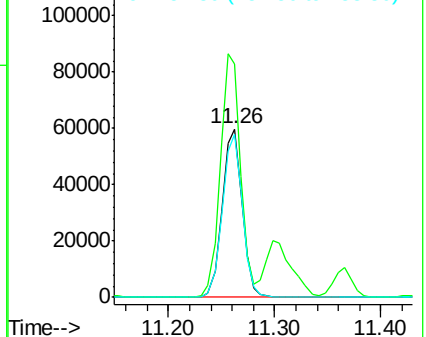
158 97.1 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.39 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002182.D

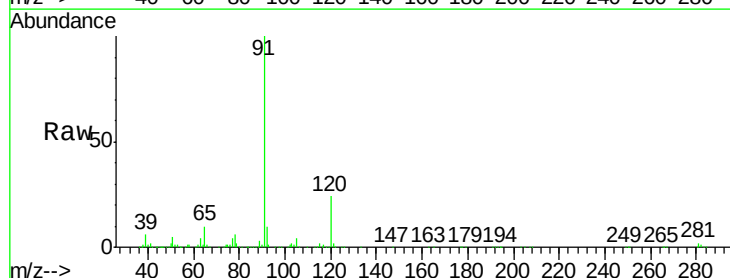
Acq: 31 May 2018 17:27

Tgt Ion: 91 Resp: 313053

Ion Ratio Lower Upper

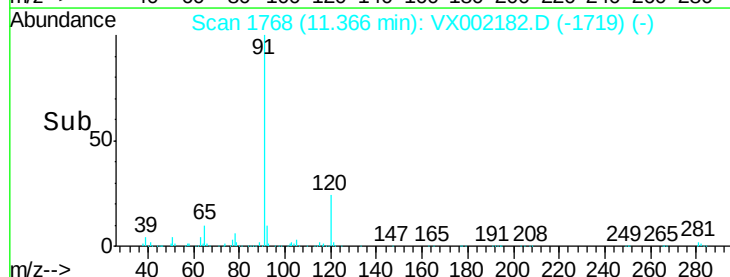
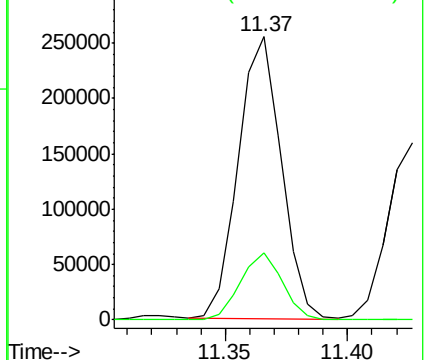
91 100

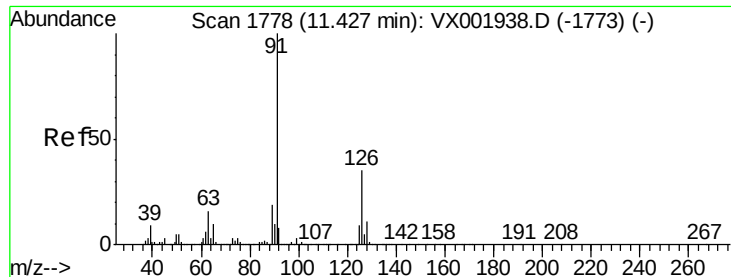
120 23.5 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.67 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

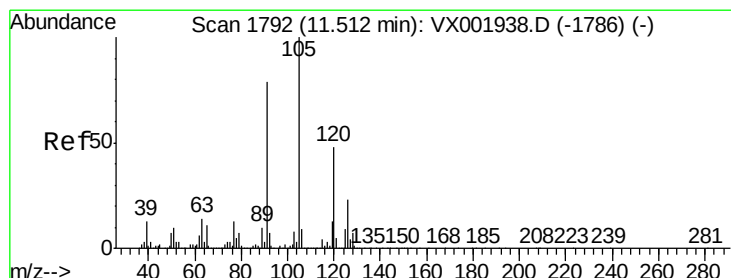
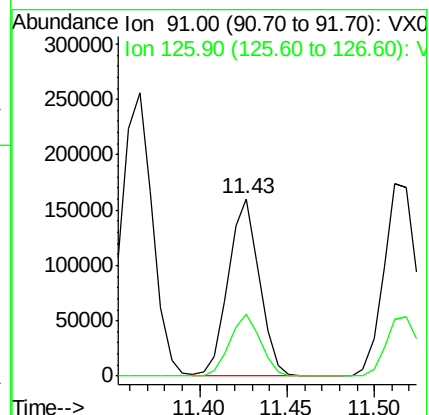
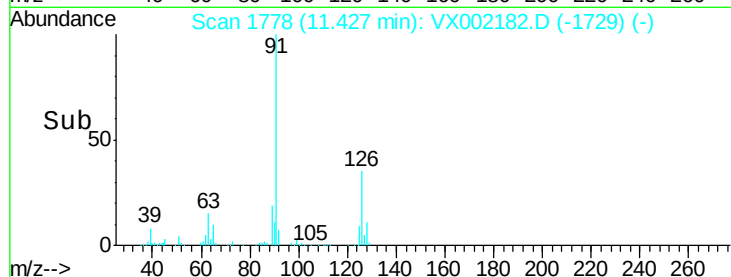
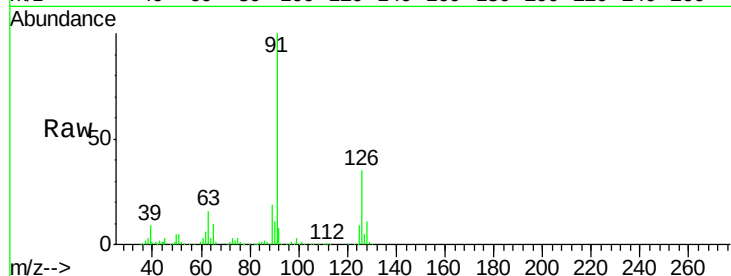
ClientSampleId :

Tot Ion: 91 Resp: 196689

Ion Ratio Lower Upper

91 100

126 35.2 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 18.62 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002182.D

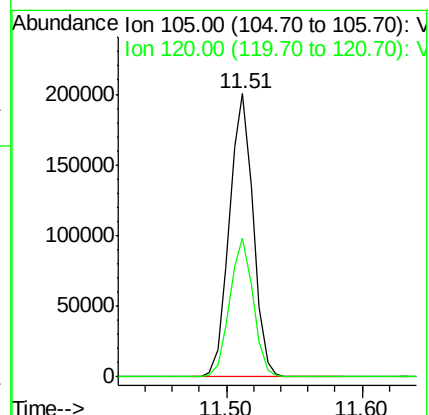
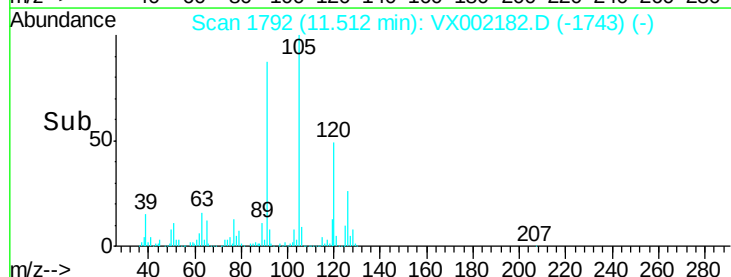
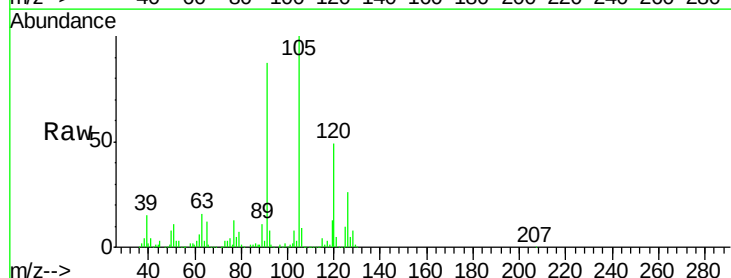
Acq: 31 May 2018 17:27

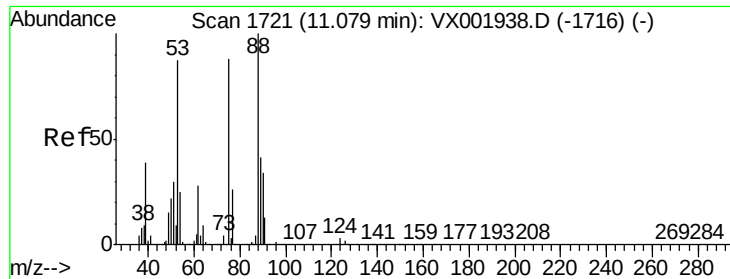
Tgt Ion: 105 Resp: 241786

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.4

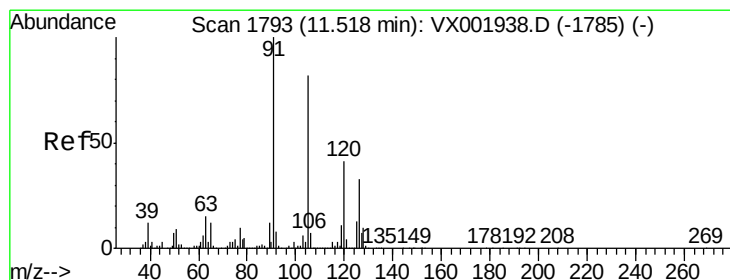
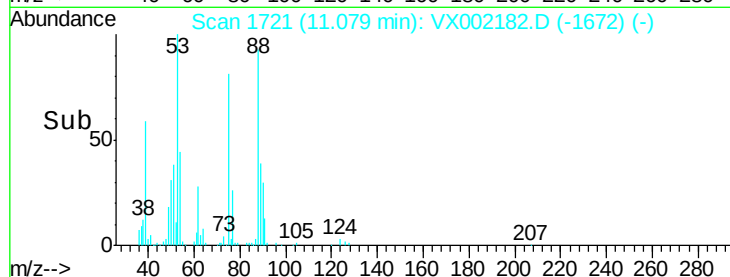
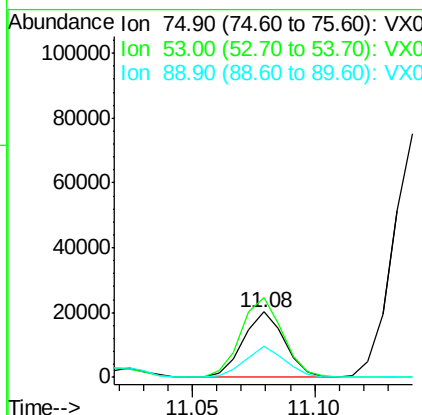
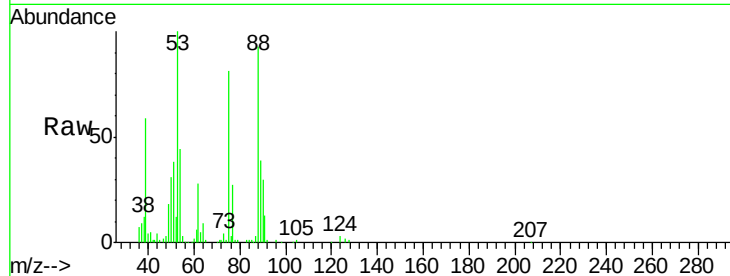




#81
trans-1,4-Dichloro-2-butene
Concen: 13.22 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

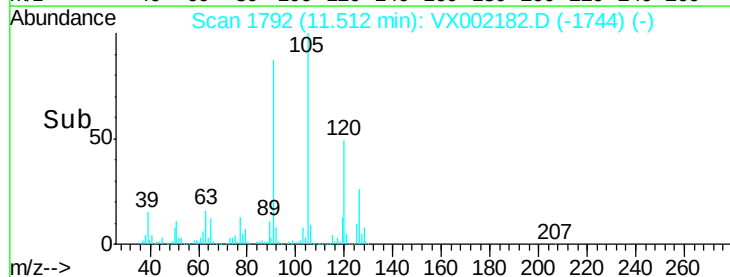
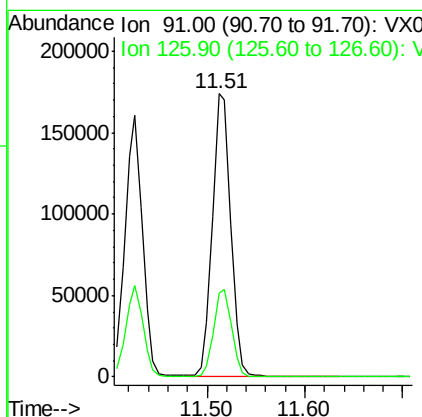
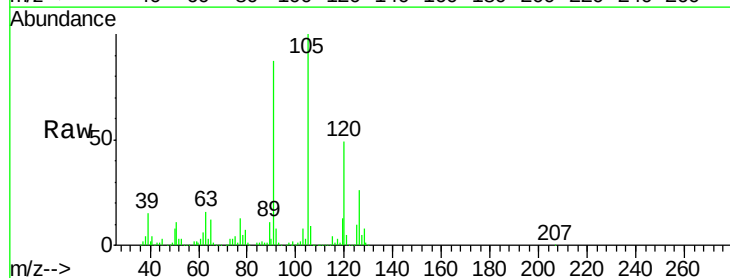
Instrument :
MSVOA_X
ClientSampled :

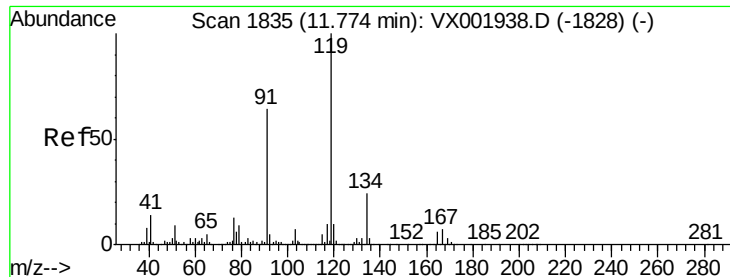
Tot Ion: 75 Resp: 23705
Ion Ratio Lower Upper
75 100
53 123.5 78.0 117.0#
89 45.6 39.4 59.2



#82
4-Chlorotoluene
Concen: 18.99 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion: 91 Resp: 227987
Ion Ratio Lower Upper
91 100
126 30.3 15.3 45.8

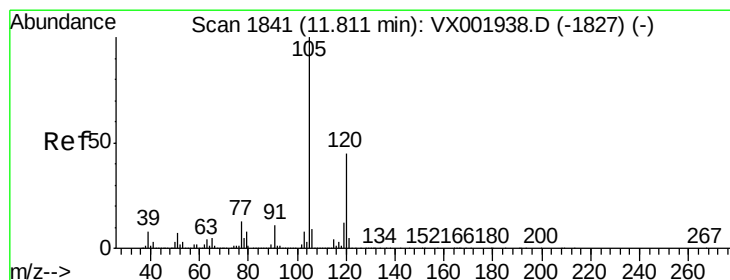
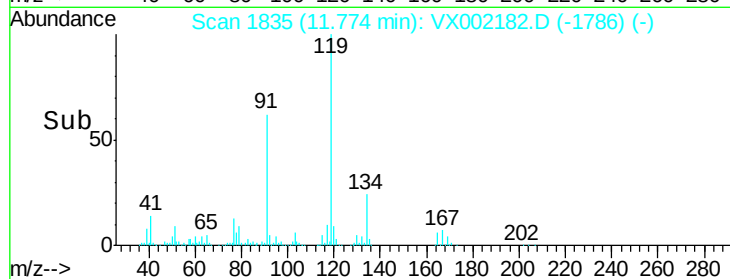
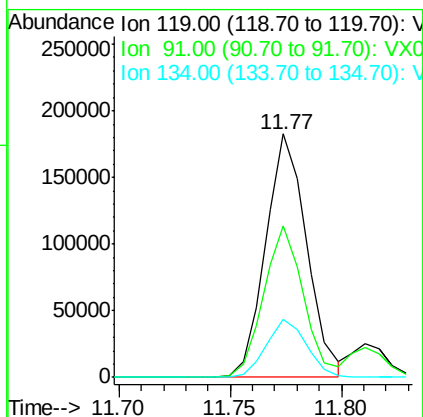
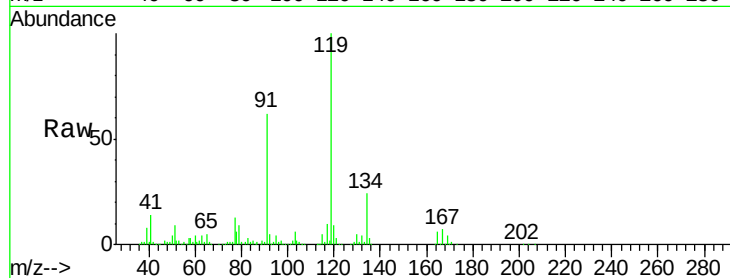




#83
 tert-Butylbenzene
 Concen: 18.37 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

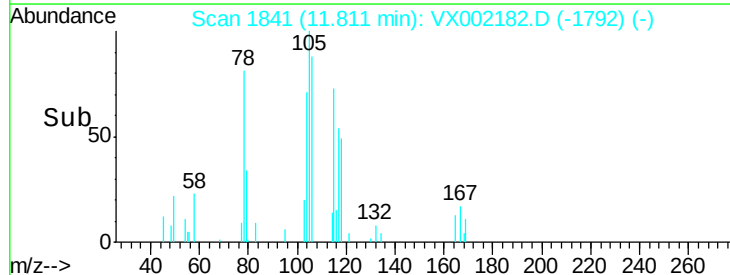
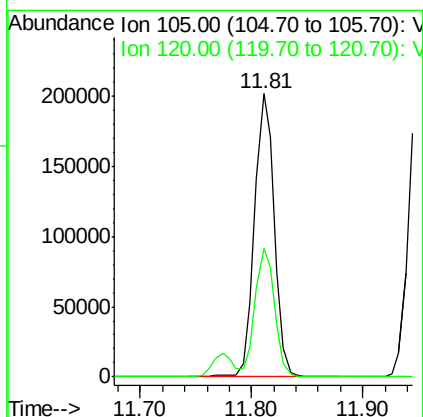
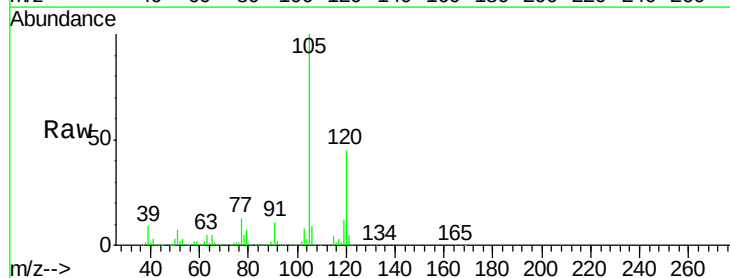
Instrument :
 MSVOA_X
 ClientSampleId :

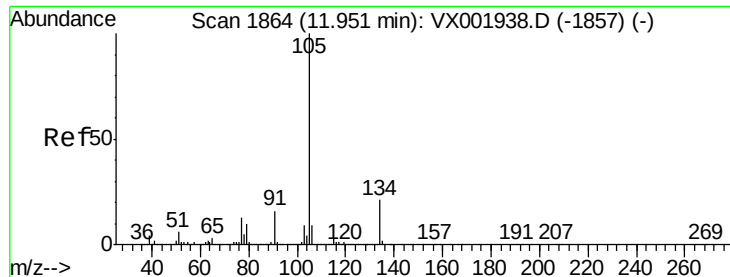
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.2	30.6	91.8
134	23.1	11.7	35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.58 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.1	66.5





#85

sec-Butylbenzene

Concen: 18.10 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

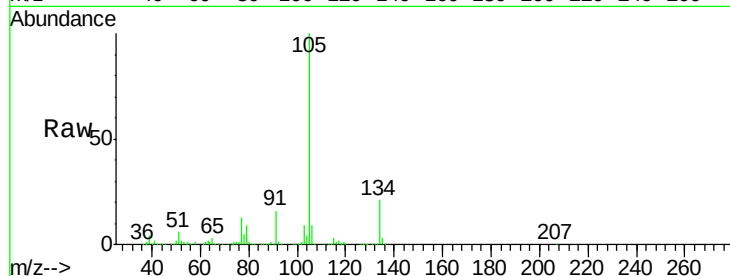
ClientSampleId :

Tot Ion:105 Resp: 277321

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

50000

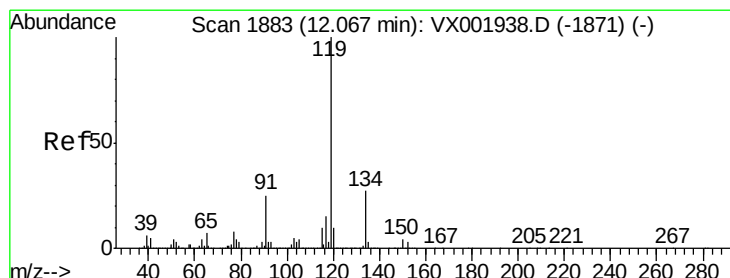
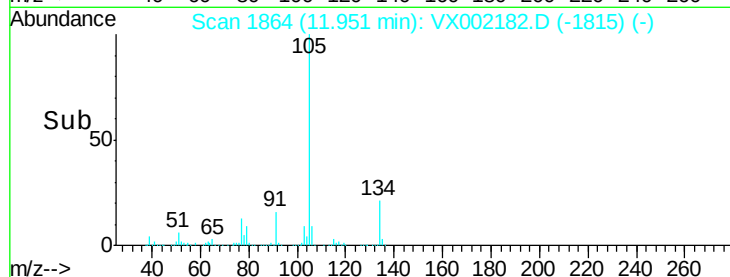
0

11.95

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 18.14 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

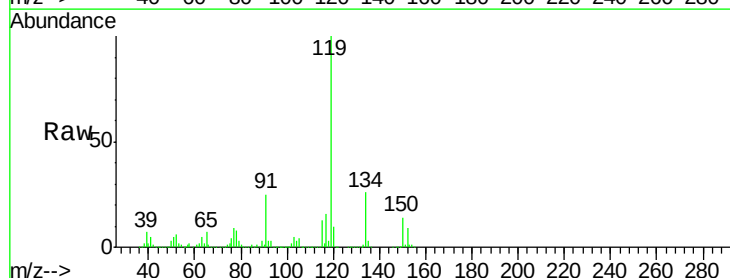
Tgt Ion:119 Resp: 248589

Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.8

91 24.8 12.2 36.4



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

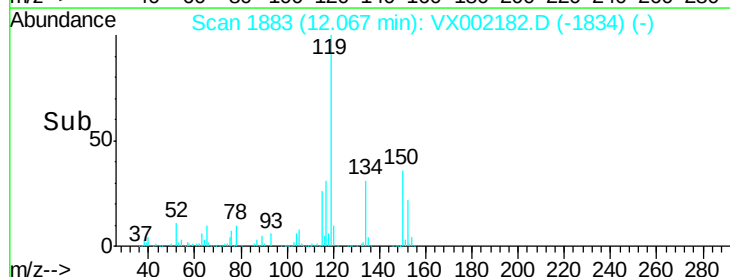
12.07

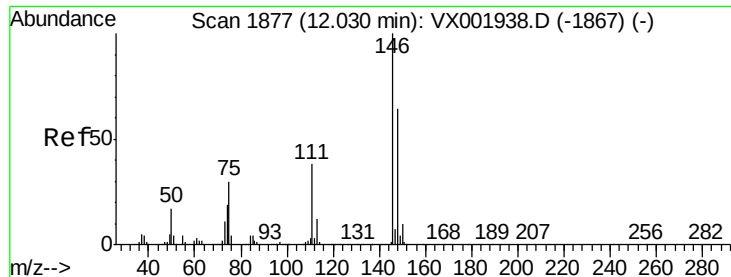
12.00

12.10

12.20

Time-->

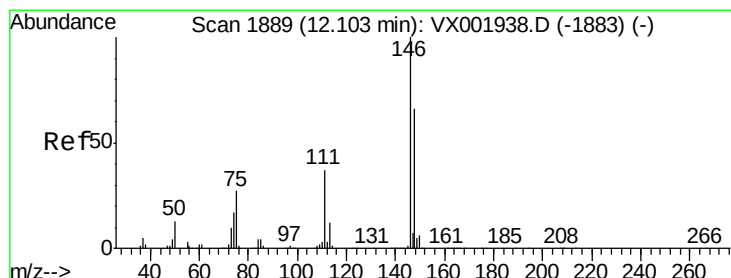
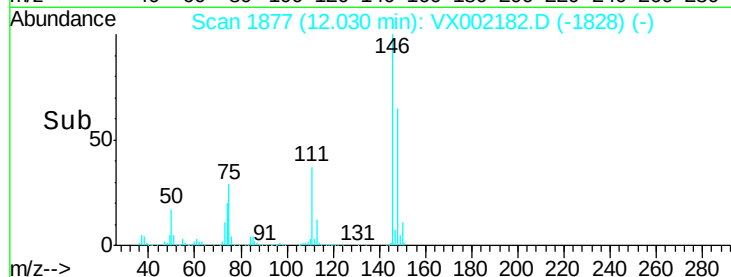
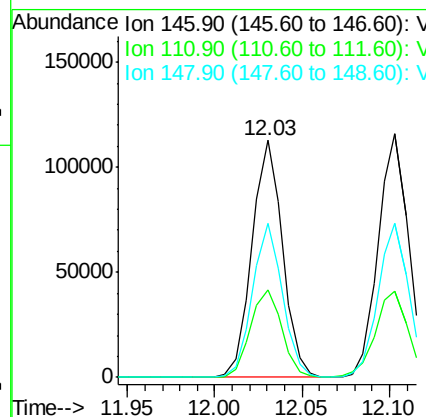
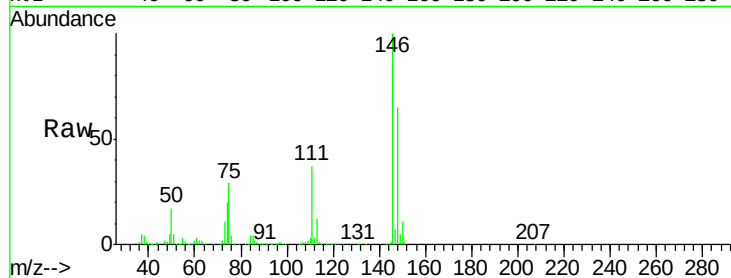




#87
 1,3-Dichlorobenzene
 Concen: 19.01 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

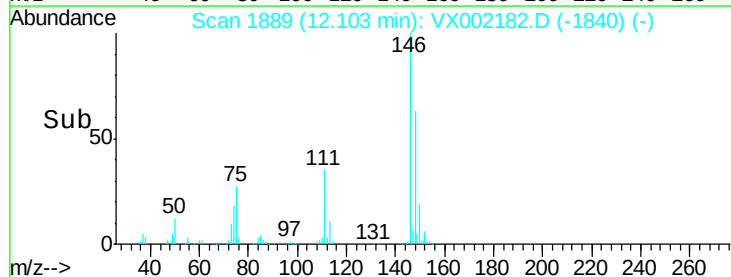
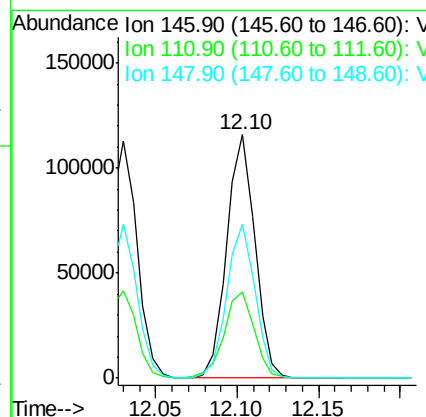
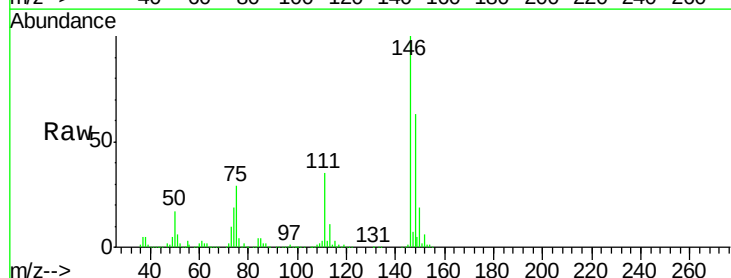
Instrument :
 MSVOA_X
 ClientSampleId :

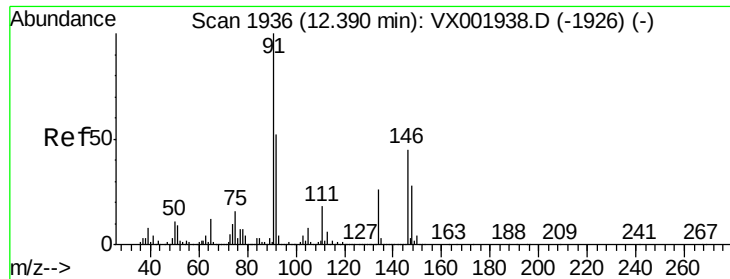
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.3	57.8
148	63.6	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.32 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.5
148	64.0	32.3	96.8





#89

n-Butylbenzene

Concen: 17.42 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampled :

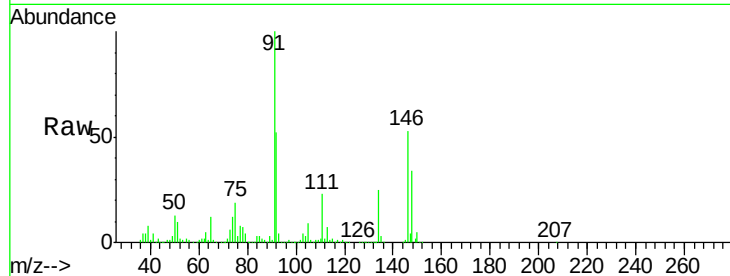
Tot Ion: 91 Resp: 202368

Ion Ratio Lower Upper

91 100

92 51.3 26.3 78.9

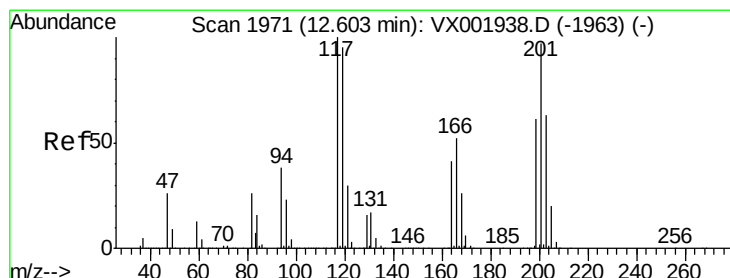
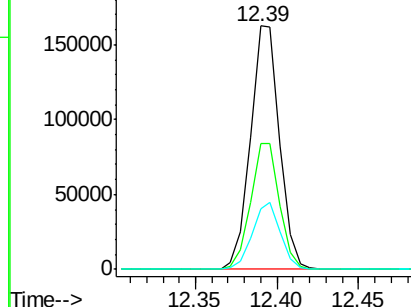
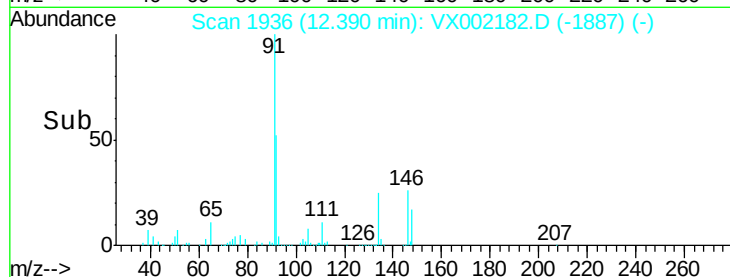
134 26.5 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX001938.D (-1926) (-)

Ion 92.00 (91.70 to 92.70): VX001938.D (-1926) (-)

Ion 134.00 (133.70 to 134.70): VX001938.D (-1926) (-)



#90

Hexachloroethane

Concen: 13.30 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002182.D

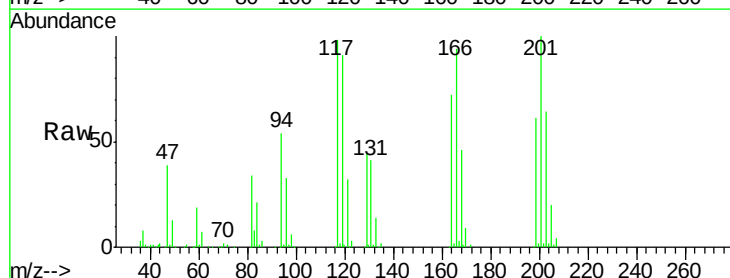
Acq: 31 May 2018 17:27

Tgt Ion: 117 Resp: 35961

Ion Ratio Lower Upper

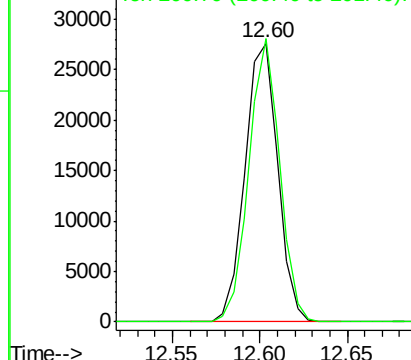
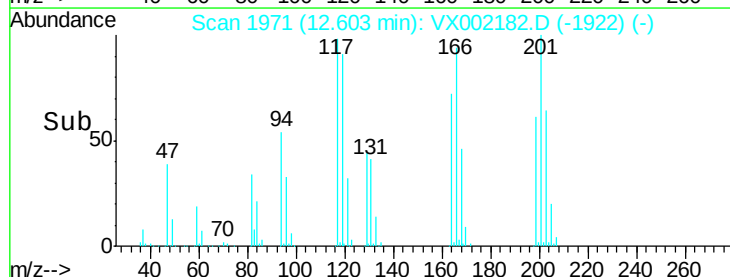
117 100

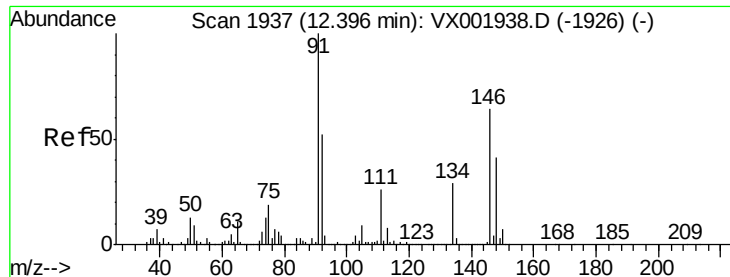
201 95.2 48.0 144.0



Abundance Ion 116.80 (116.50 to 117.50): VX001938.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX001938.D (-1963) (-)

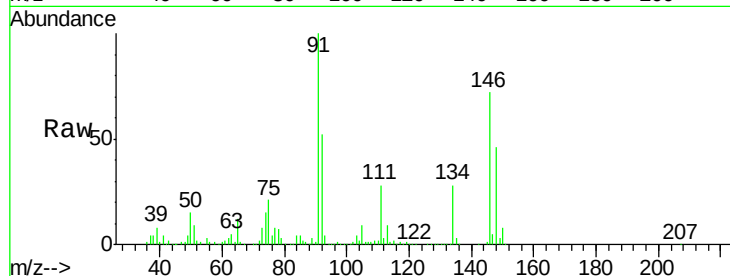




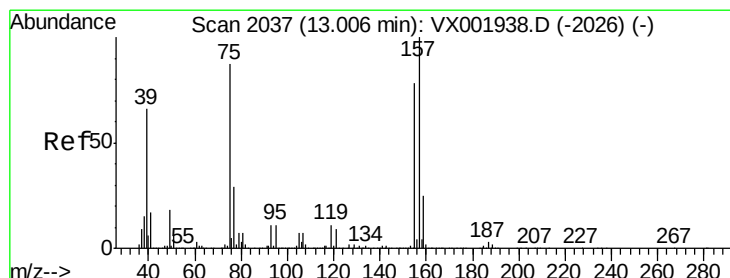
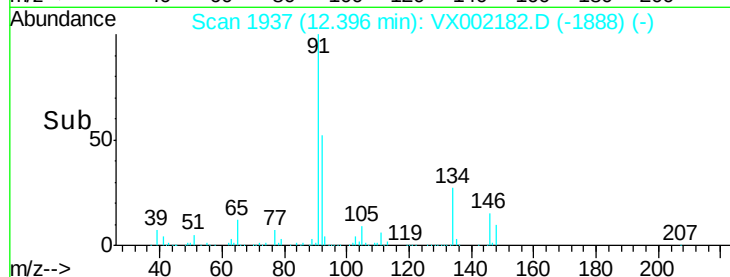
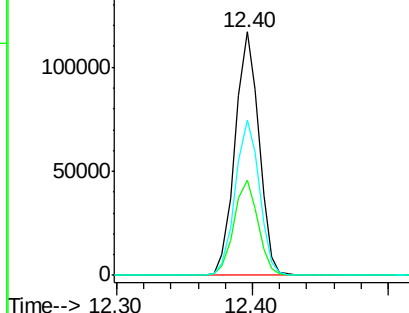
#91
 1,2-Dichlorobenzene
 Concen: 19.46 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.8	59.3
148	64.4	32.1	96.5

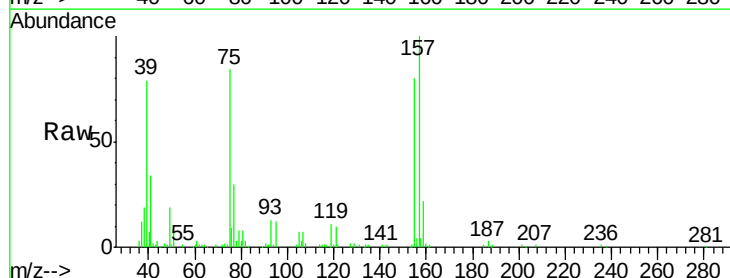


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

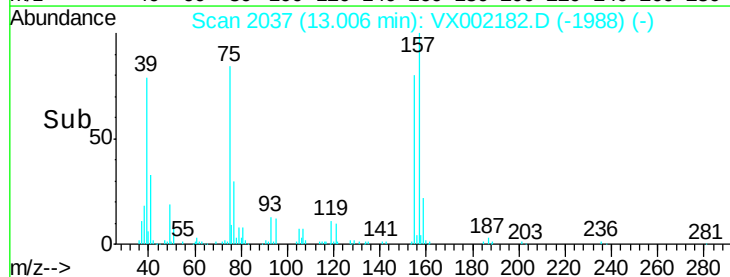
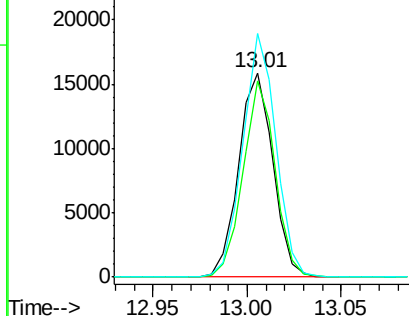


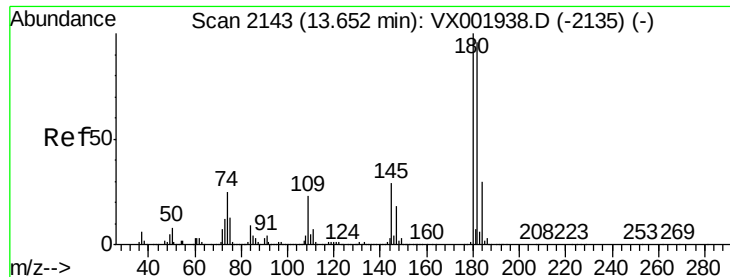
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.82 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.5	45.1	135.2
157	115.1	58.1	174.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

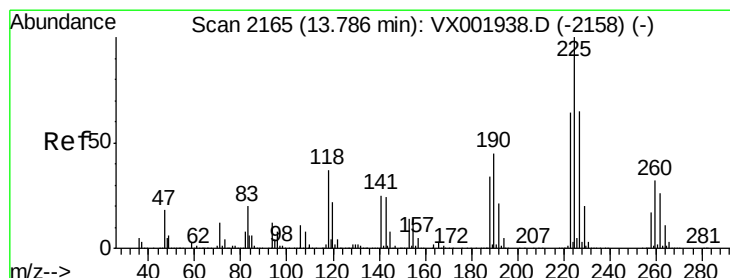
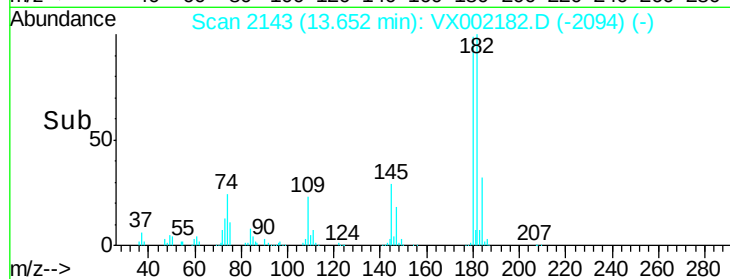
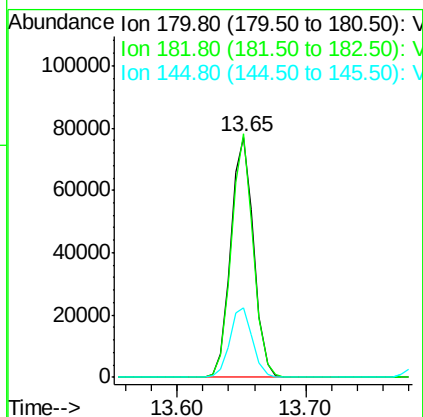
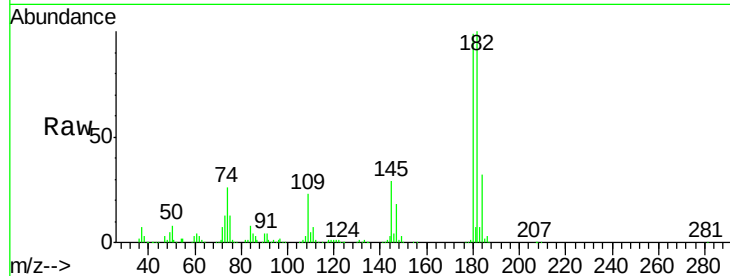




#93
 1,2,4-Trichlorobenzene
 Concen: 18.17 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

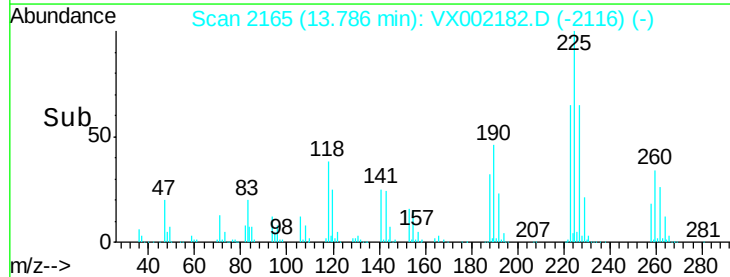
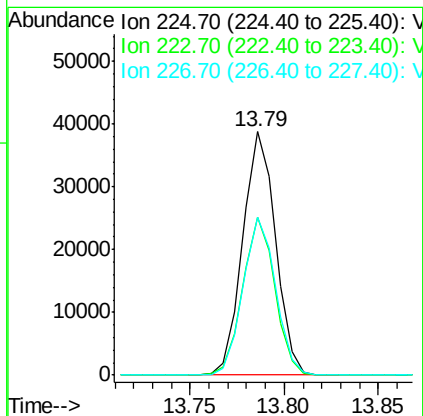
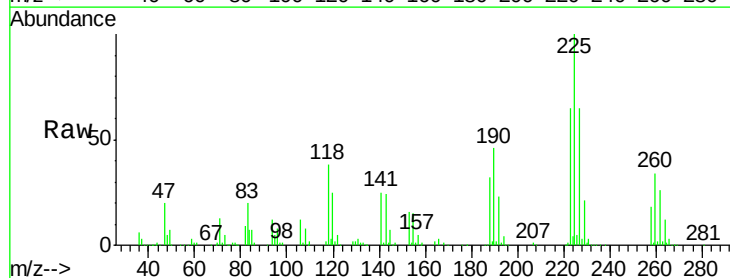
Instrument :
 MSVOA_X
 ClientSampled :

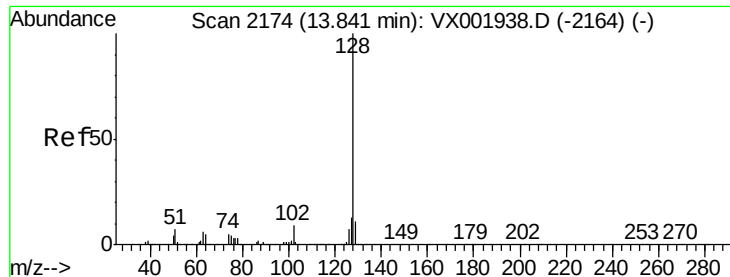
Tot Ion:180 Resp: 95593
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.7 143.1
 145 28.9 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 16.56 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Tgt Ion:225 Resp: 46869
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.1 93.5
 227 63.9 32.1 96.5





#95

Naphthalene

Concen: 18.98 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

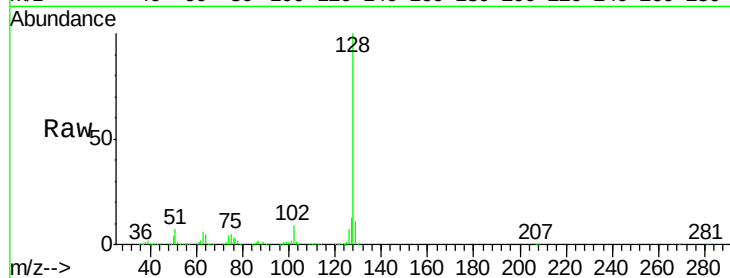
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 307660

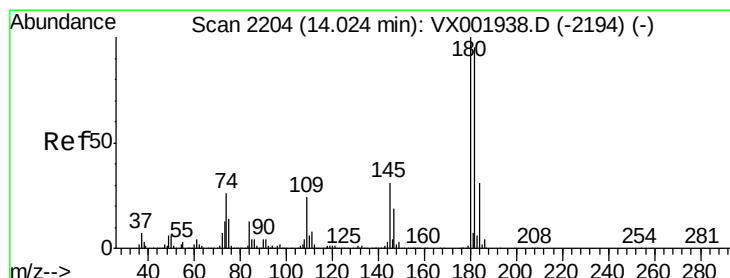
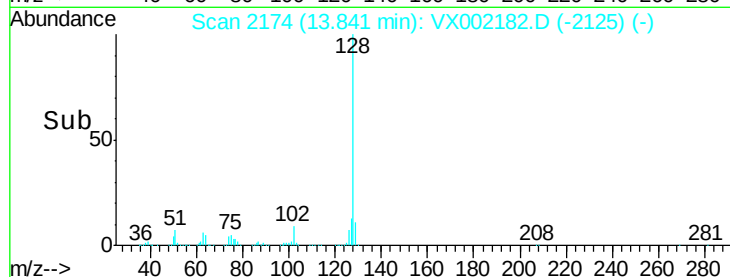
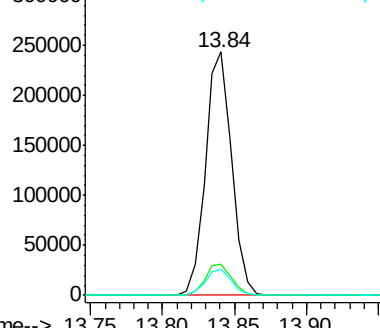
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.30 ug/l

RT: 14.02 min Scan# 2204

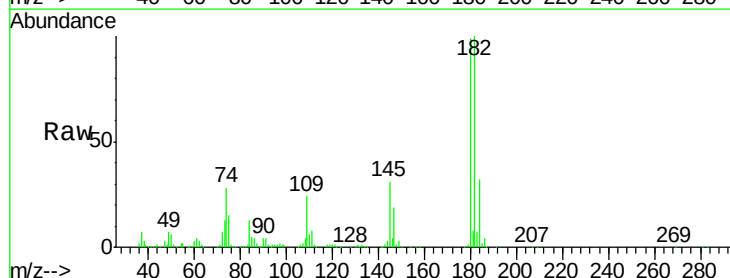
Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Tgt Ion:180 Resp: 99617

Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.9	143.6
145	30.5	15.1	45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

