

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002043.D
 Acq On : 27 May 2018 02:58
 Operator : JC/MD
 Sample : J3094-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 28 00:44:06 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	13871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	27555	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	19327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	8141	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	60684	244.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	489.50%	
35) Dibromofluoromethane	5.51	113	40575	147.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.50%	
50) Toluene-d8	8.72	98	71052	71.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.44%	
62) 4-Bromofluorobenzene	11.14	95	22964	58.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.66%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.20	85	295	Below Cal	#	41
3) Chloromethane	1.32	50	720	3.37	ug/l #	74
4) Vinyl Chloride	1.41	62	310	1.50	ug/l #	1
5) Bromomethane	1.65	94	1853	18.94	ug/l	85
6) Chloroethane	1.68	64	195	1.61	ug/l #	68
7) Trichlorofluoromethane	1.93	101	485	1.57	ug/l	100
8) Diethyl Ether	2.20	74	295	2.63	ug/l	75
9) 1,1,2-Trichlorotrifluoroet	2.39	101	302	1.75	ug/l #	84
10) Methyl Iodide	2.52	142	3688	15.78	ug/l #	89
11) Tert butyl alcohol	3.07	59	1751	35.98	ug/l #	61
12) 1,1-Dichloroethene	2.37	96	402	2.49	ug/l #	82
13) Acrolein	2.29	56	130	6.18	ug/l #	1
14) Allyl chloride	2.73	41	393	1.16	ug/l #	39
15) Acrylonitrile	3.15	53	882	8.81	ug/l	88
16) Acetone	2.45	43	17508	182.97	ug/l	97
17) Carbon Disulfide	2.57	76	2523	5.42	ug/l	100
18) Methyl Acetate	2.78	43	25275	111.03	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	198	0.33	ug/l #	54
20) Methylene Chloride	2.86	84	19649	120.96	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	681	2.84	ug/l	94
23) Vinyl Acetate	3.84	43	1219	2.13	ug/l #	74
24) 1,1-Dichloroethane	3.71	63	345	1.05	ug/l #	29
25) 2-Butanone	4.71	43	5160	29.42	ug/l #	88
26) 2,2-Dichloropropane	4.53	77	242	0.73	ug/l	93
27) cis-1,2-Dichloroethene	4.61	96	464	2.20	ug/l #	1
29) Tetrahydrofuran	5.17	42	867	7.60	ug/l #	63
30) Chloroform	5.23	83	5740	15.54	ug/l	97
31) Cyclohexane	5.57	56	818	2.39	ug/l #	89
36) 1,1-Dichloropropene	5.82	75	535	1.40	ug/l #	48
37) Ethyl Acetate	4.88	43	528	1.06	ug/l #	75
38) Carbon Tetrachloride	5.79	117	192	0.43	ug/l #	59
39) Methylcyclohexane	7.46	83	420	0.89	ug/l #	77
40) Benzene	6.15	78	826	0.74	ug/l #	87
41) Methacrylonitrile	5.06	41	60	Below Cal	#	1

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002043.D
 Acq On : 27 May 2018 02:58
 Operator : JC/MD
 Sample : J3094-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 28 00:44:06 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)

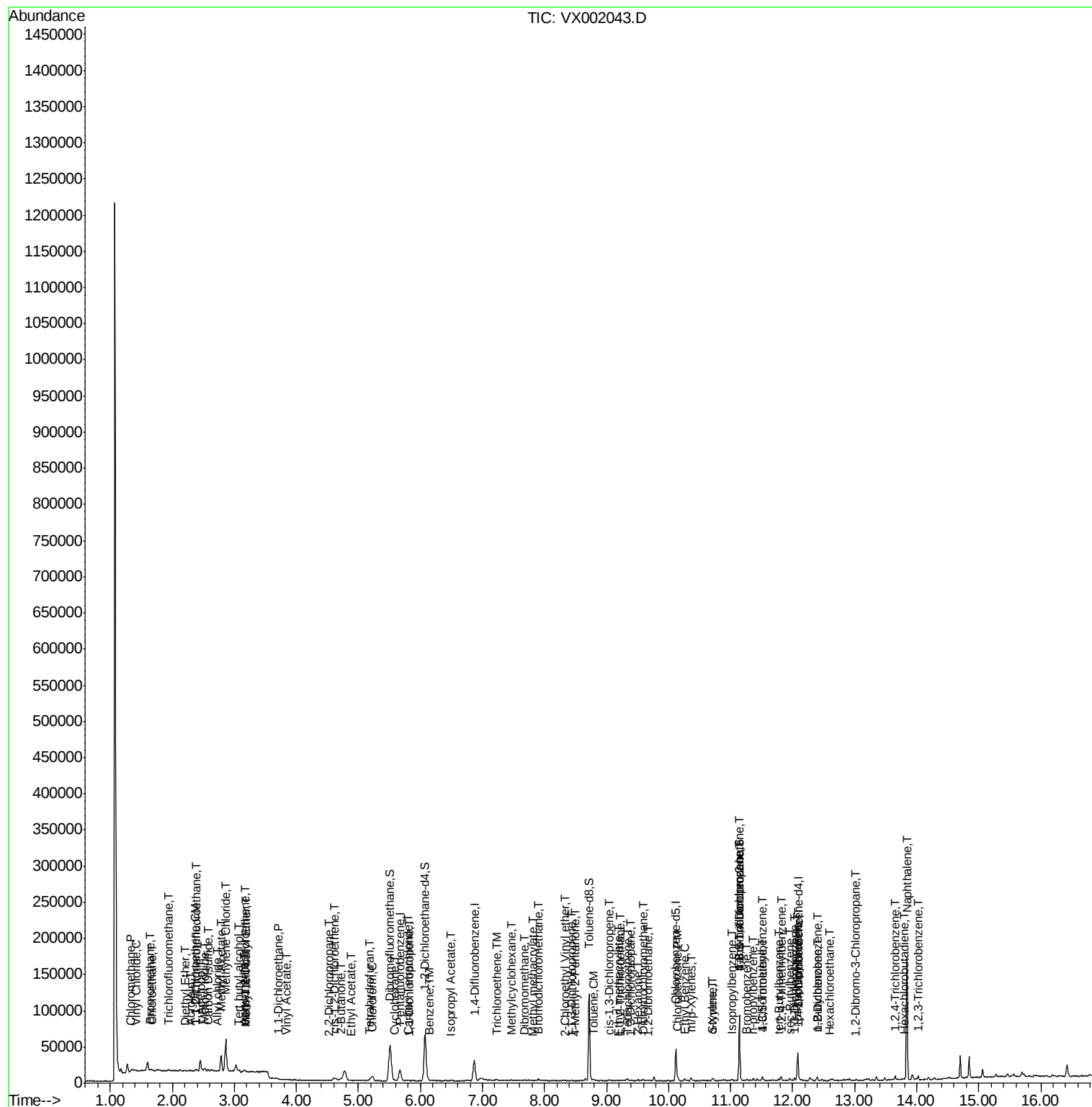
43) Isopropyl Acetate	6.48	43	319	0.38	ug/l #	73
44) Trichloroethene	7.22	130	451	1.38	ug/l	74
46) Dibromomethane	7.67	93	206	1.02	ug/l #	64
47) Bromodichloromethane	7.91	83	1255	2.92	ug/l #	89
48) Methyl methacrylate	7.80	41	252	0.59	ug/l #	74
51) 4-Methyl-2-Pentanone	8.49	43	184	0.37	ug/l	93
52) Toluene	8.79	92	632	0.88	ug/l	90
53) t-1,3-Dichloropropene	8.43	75	106	0.21	ug/l #	63
54) cis-1,3-Dichloropropene	9.05	75	482	1.00	ug/l #	72
55) 1,1,2-Trichloroethane	9.23	97	68	0.23	ug/l #	54
56) Ethyl methacrylate	9.19	69	273	0.53	ug/l	88
57) 1,3-Dichloropropane	9.38	76	153	0.31	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.32	63	298	1.31	ug/l #	82
59) 2-Hexanone	9.51	43	809	2.09	ug/l	89
60) Dibromochloromethane	9.59	129	322	0.91	ug/l	99
61) 1,2-Dibromoethane	9.68	107	197	0.63	ug/l	88
64) Tetrachloroethene	9.34	164	474	1.71	ug/l #	75
65) Chlorobenzene	10.15	112	796	1.30	ug/l	95
67) Ethyl Benzene	10.26	91	1482	1.39	ug/l	98
68) m/p-Xylenes	10.37	106	978	2.40	ug/l #	65
69) o-Xylene	10.70	106	494	1.22	ug/l	81
70) Styrene	10.71	104	759	1.13	ug/l	97
73) Isopropylbenzene	11.02	105	1152	1.67	ug/l	95
74) N-amyl acetate	6.48	43	319	Below	Cal #	76
75) 1,1,2,2-Tetrachloroethane	11.27	83	176	Below	Cal #	79
76) 1,2,3-Trichloropropane	11.14	75	12010	61.42	ug/l #	33
77) Bromobenzene	11.26	156	353	1.93	ug/l #	61
78) n-propylbenzene	11.37	91	1762	2.28	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	1329	2.26	ug/l	89
81) trans-1,4-Dichloro-2-buten	11.14	75	12010	147.62	ug/l #	11
82) 4-Chlorotoluene	11.52	91	1685	3.09	ug/l	98
83) tert-Butylbenzene	11.78	119	952	1.65	ug/l	95
84) 1,2,4-Trimethylbenzene	11.82	105	2315	3.80	ug/l	100
85) sec-Butylbenzene	11.95	105	1309	1.88	ug/l	95
86) p-Isopropyltoluene	12.07	119	1169	1.88	ug/l #	77
87) 1,3-Dichlorobenzene	12.03	146	1054	3.22	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	1235	3.77	ug/l	88
89) n-Butylbenzene	12.39	91	1660	3.15	ug/l	88
90) Hexachloroethane	12.60	117	103	0.84	ug/l	78
91) 1,2-Dichlorobenzene	12.40	146	782	2.34	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	35	0.57	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	1191	4.99	ug/l	97
94) Hexachlorobutadiene	13.79	225	217	1.69	ug/l	95
95) Naphthalene	13.84	128	102316	139.16	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	1058	4.28	ug/l	92

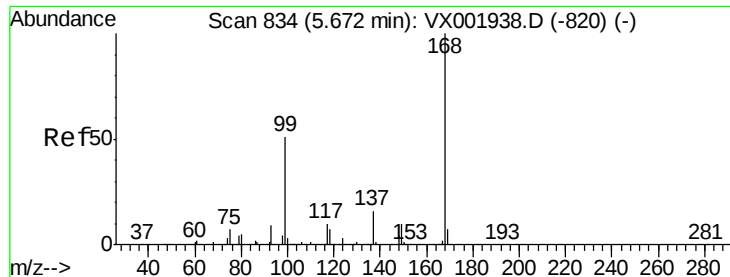
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
Data File : VX002043.D
Acq On : 27 May 2018 02:58
Operator : JC/MD
Sample : J3094-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 28 00:44:06 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

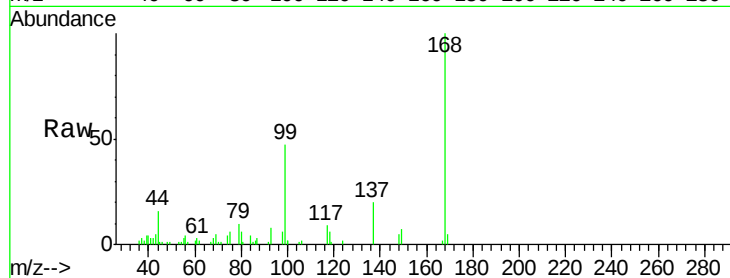
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 13871

Ion Ratio Lower Upper

168 100

99 47.3 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

6000

5000

4000

3000

2000

1000

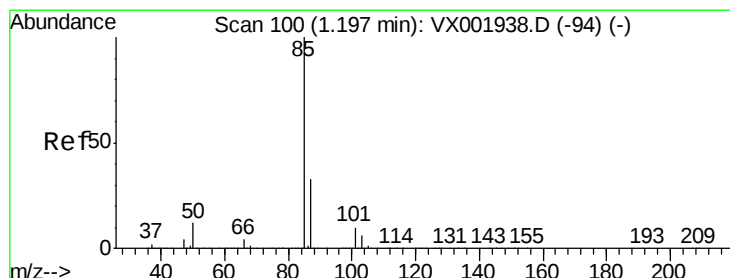
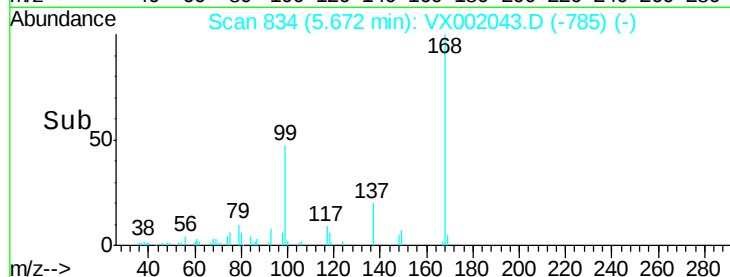
0

Time-->

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002043.D

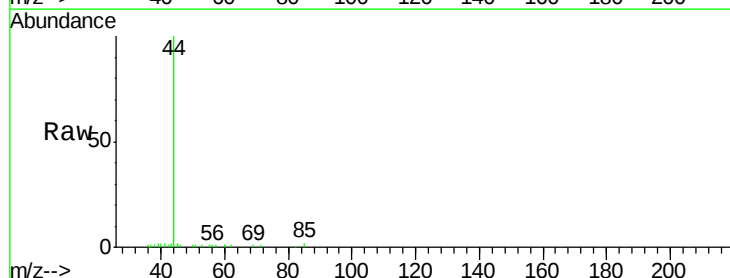
Acq: 27 May 2018 02:58

Tgt Ion: 85 Resp: 295

Ion Ratio Lower Upper

85 100

87 0.0 16.7 50.0#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

300

250

200

150

100

50

0

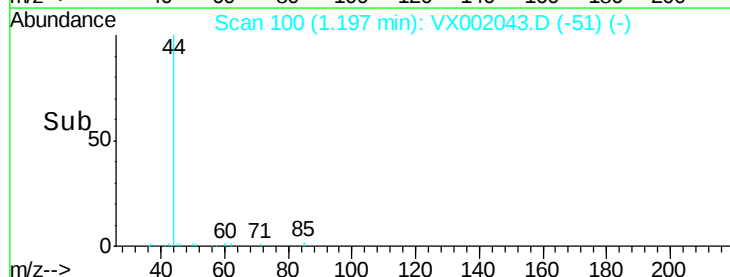
Time-->

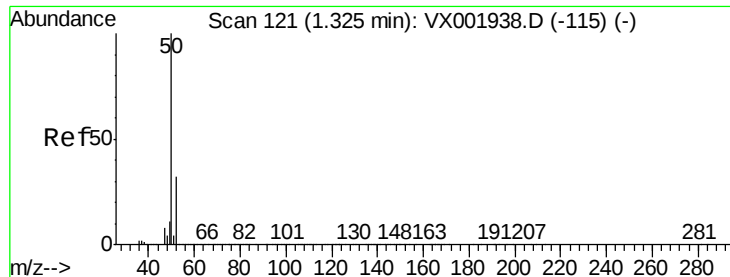
1.18

1.20

1.22

1.24





#3

Chloromethane

Concen: 3.37 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

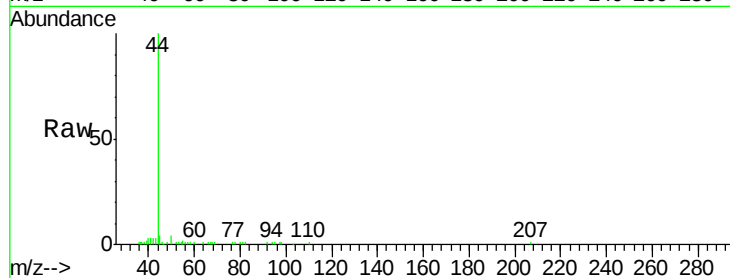
ClientSampleId :

Tot Ion: 50 Resp: 720

Ion Ratio Lower Upper

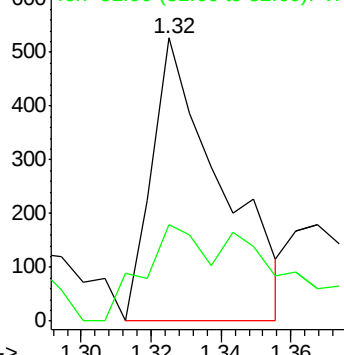
50 100

52 18.0 26.0 39.0#

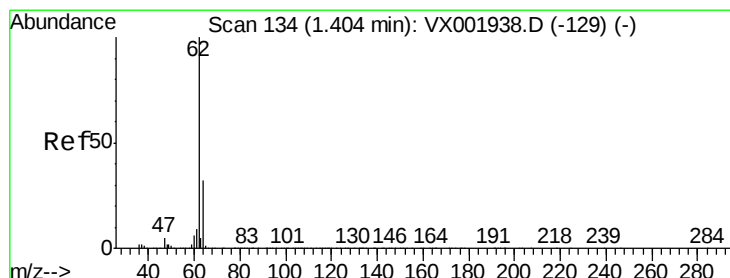
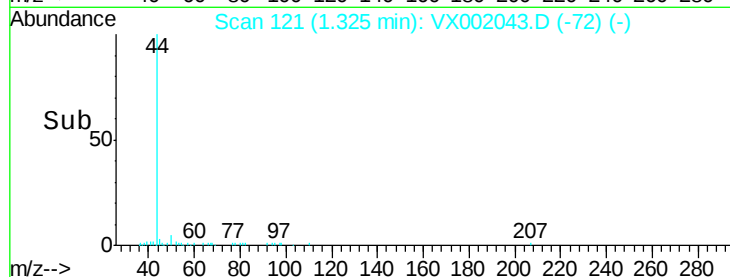


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 1.50 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002043.D

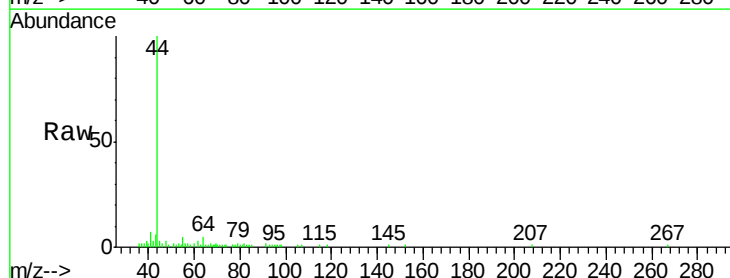
Acq: 27 May 2018 02:58

Tgt Ion: 62 Resp: 310

Ion Ratio Lower Upper

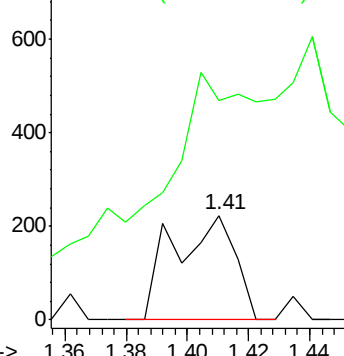
62 100

64 116.6 25.4 38.0#

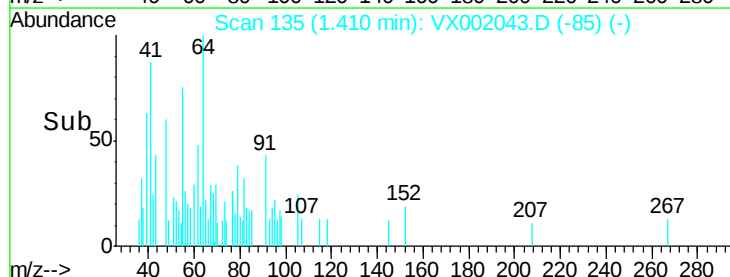


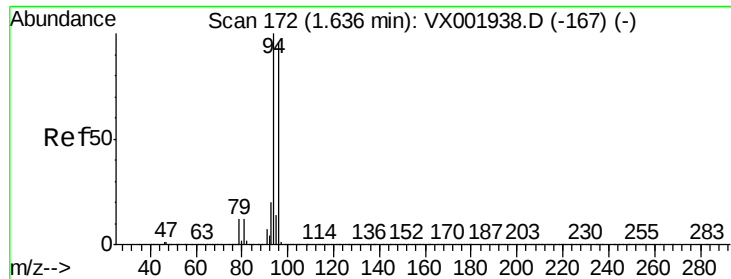
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 18.94 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

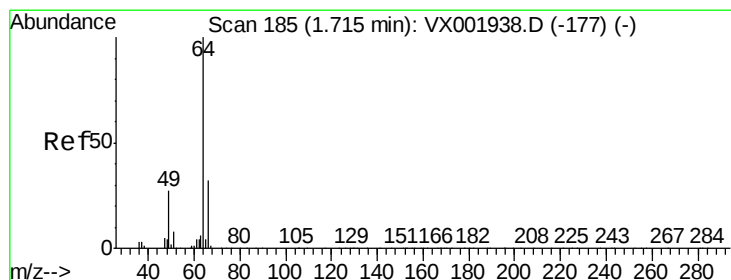
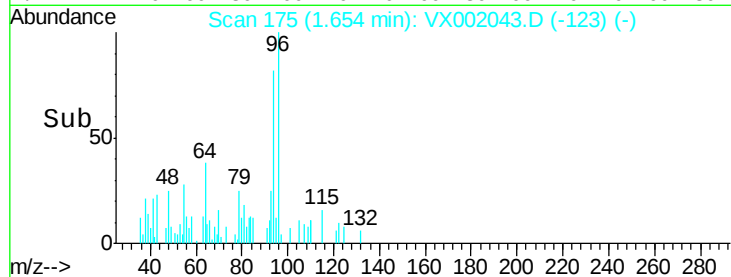
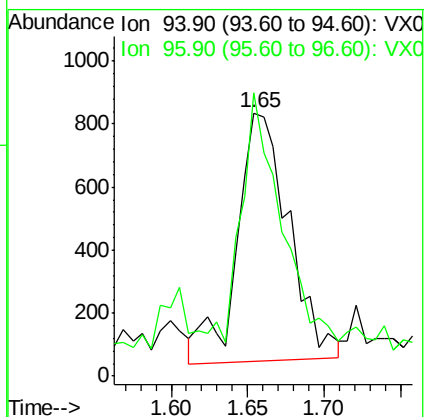
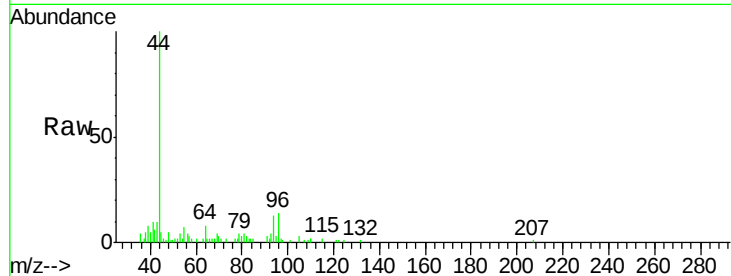
ClientSampleId :

Tot Ion: 94 Resp: 1853

Ion Ratio Lower Upper

94 100

96 109.0 75.9 113.9



#6

Chloroethane

Concen: 1.61 ug/l

RT: 1.68 min Scan# 180

Delta R.T. -0.03 min

Lab File: VX002043.D

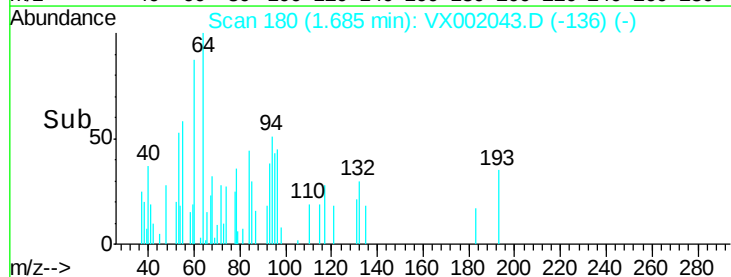
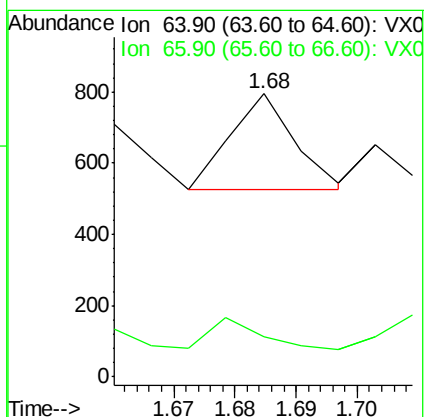
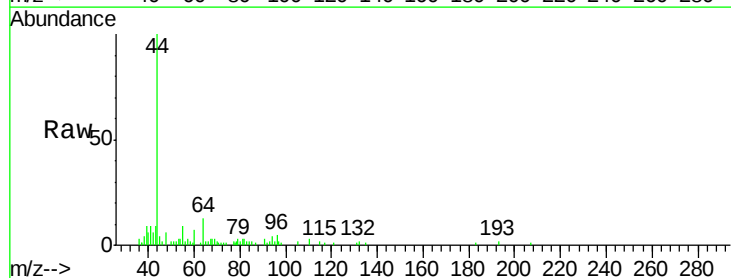
Acq: 27 May 2018 02:58

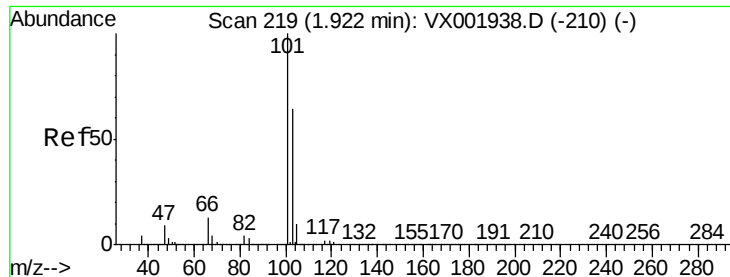
Tgt Ion: 64 Resp: 195

Ion Ratio Lower Upper

64 100

66 14.1 25.6 38.4#



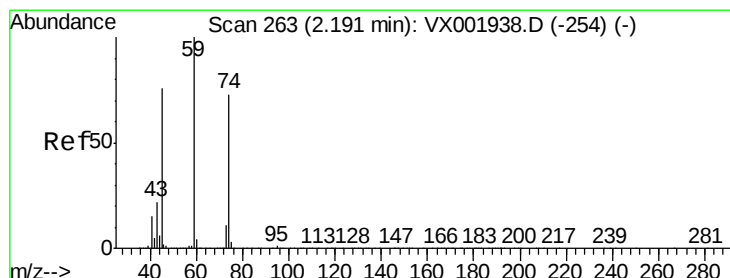
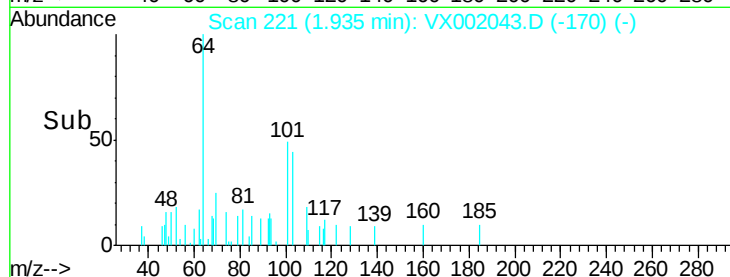
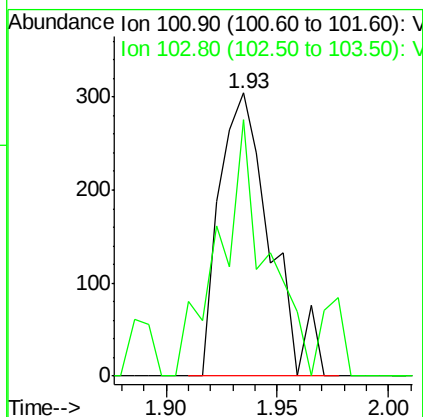
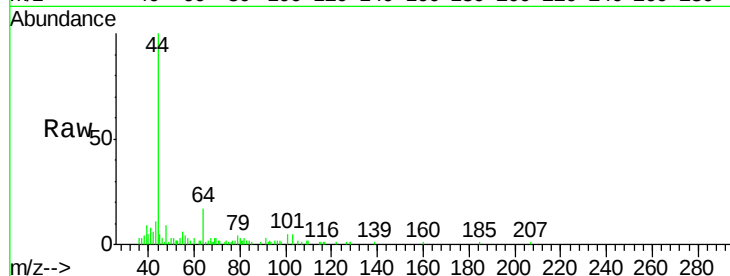


#7

Trichlorofluoromethane
Concen: 1.57 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002043.D
Acq: 27 May 2018 02:58

Instrument :
MSVOA_X
ClientSampled :

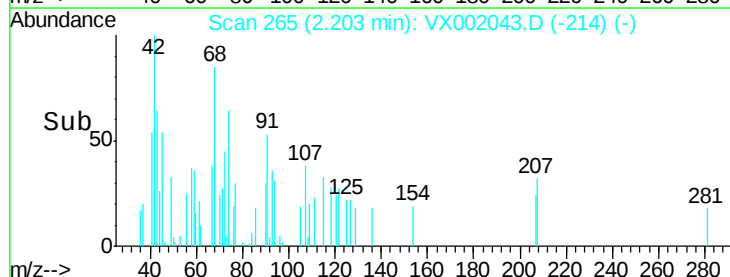
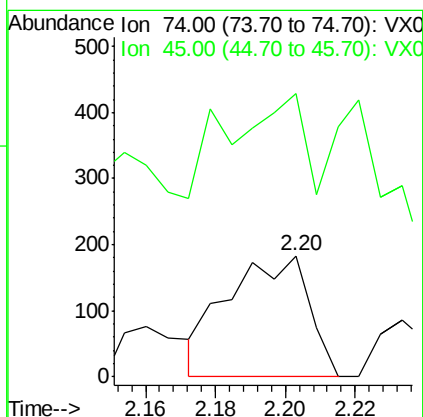
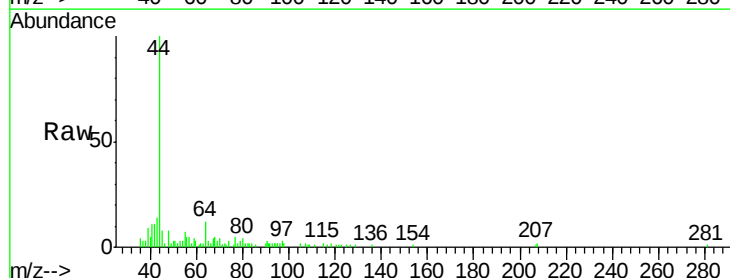
Tot Ion:101 Resp: 485
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0

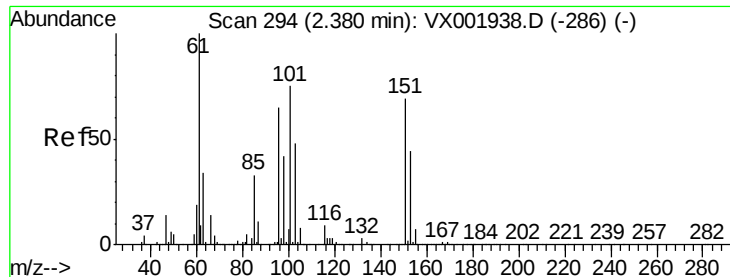


#8

Diethyl Ether
Concen: 2.63 ug/l
RT: 2.20 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX002043.D
Acq: 27 May 2018 02:58

Tgt Ion: 74 Resp: 295
Ion Ratio Lower Upper
74 100
45 77.3 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.75 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002043.D

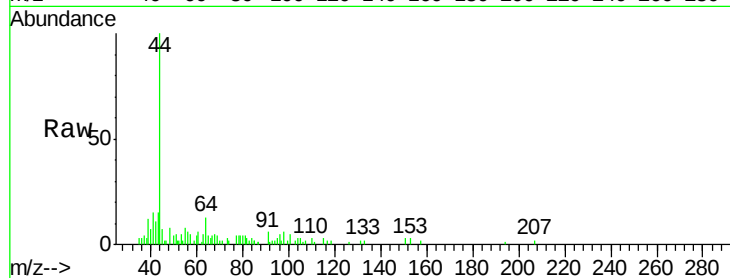
Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

ClientSampled :

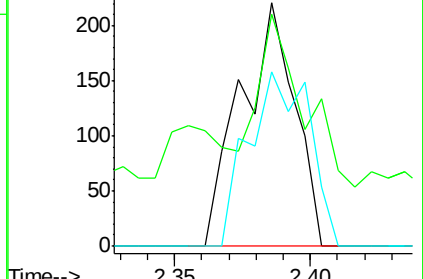
Tot Ion:	101	Resp:	302
Ion	Ratio	Lower	Upper
101	100		
85	61.6	35.6	53.4#
151	81.5	73.2	109.8



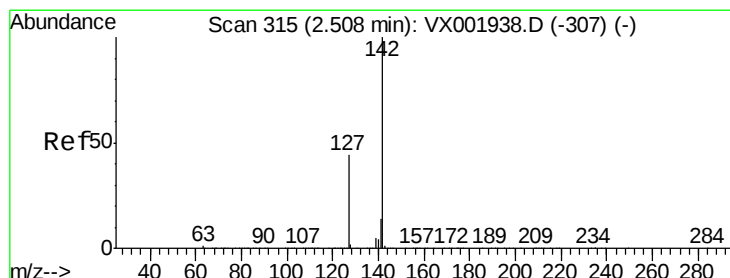
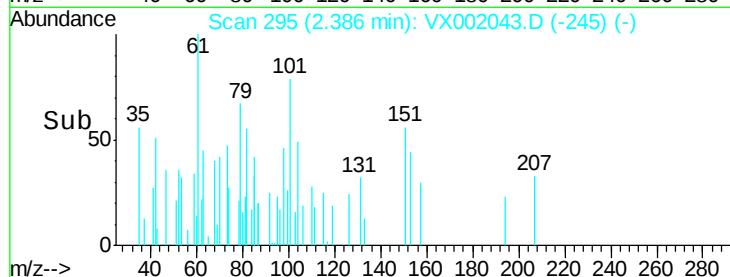
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



Time-->



#10

Methyl Iodide

Concen: 15.78 ug/l

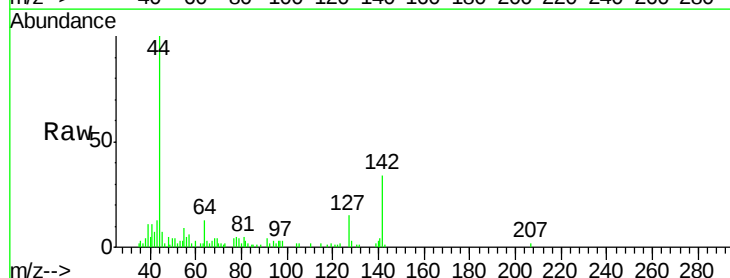
RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

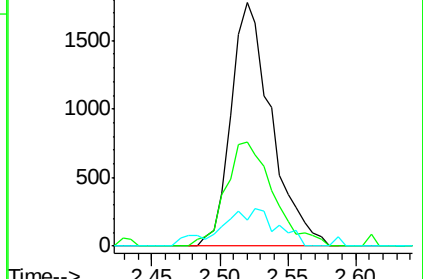
Tgt Ion:	142	Resp:	3688
Ion	Ratio	Lower	Upper
142	100		
127	50.0	35.5	53.3
141	21.1	11.3	16.9#



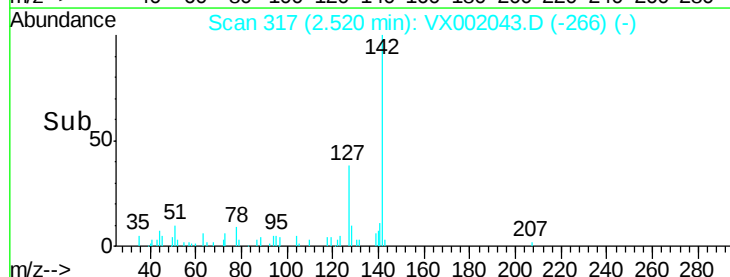
Abundance Ion 141.80 (141.50 to 142.50): V

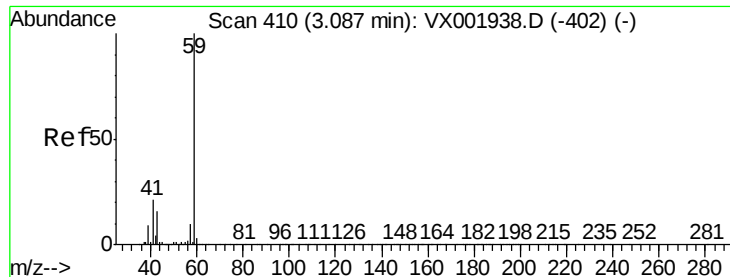
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->



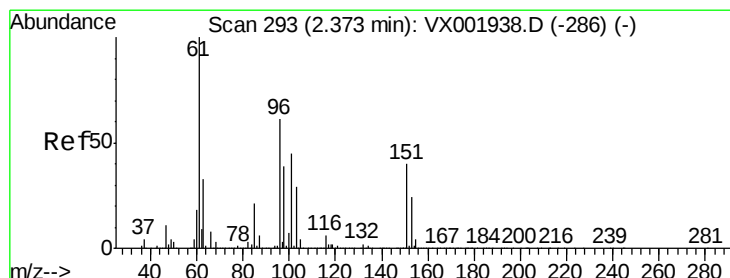
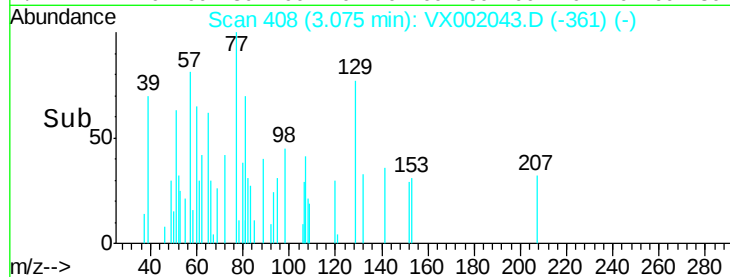
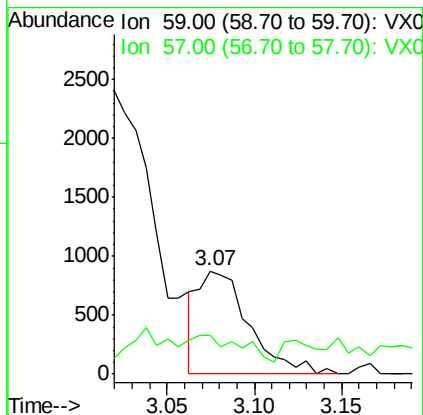
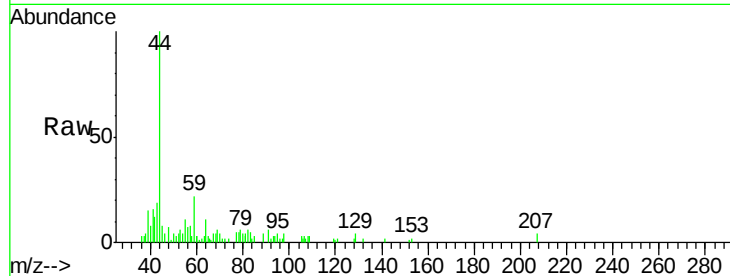


#11

Tert butyl alcohol
 Concen: 35.98 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002043.D
 Acq: 27 May 2018 02:58

Instrument :
 MSVOA_X
 ClientSampled :

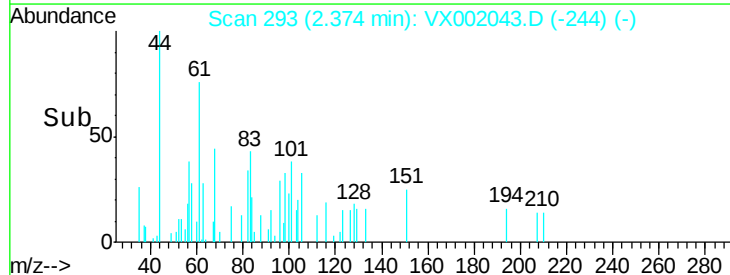
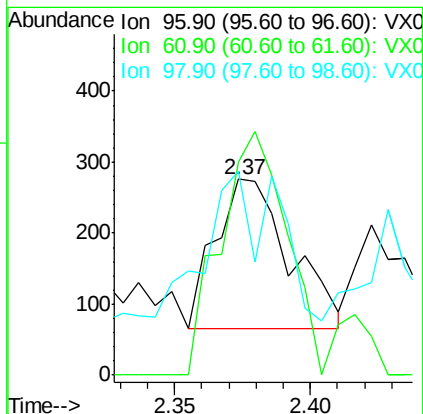
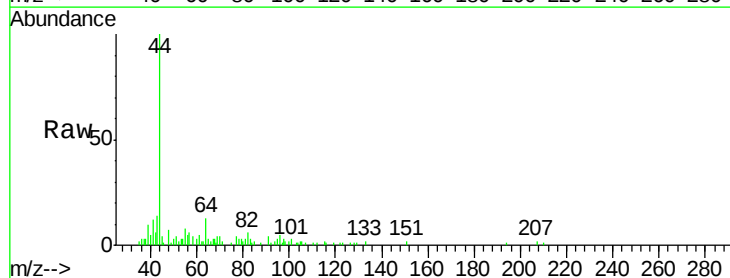
Tot Ion: 59 Resp: 1751
 Ion Ratio Lower Upper
 59 100
 57 25.8 8.9 13.3#

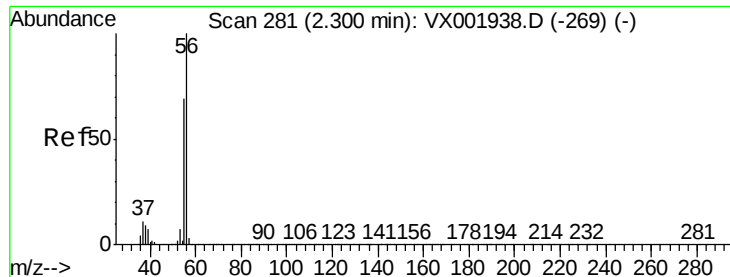


#12

1,1-Dichloroethene
 Concen: 2.49 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002043.D
 Acq: 27 May 2018 02:58

Tgt Ion: 96 Resp: 402
 Ion Ratio Lower Upper
 96 100
 61 142.2 131.7 197.5
 98 81.5 51.6 77.4#





#13

Acrolein

Concen: 6.18 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

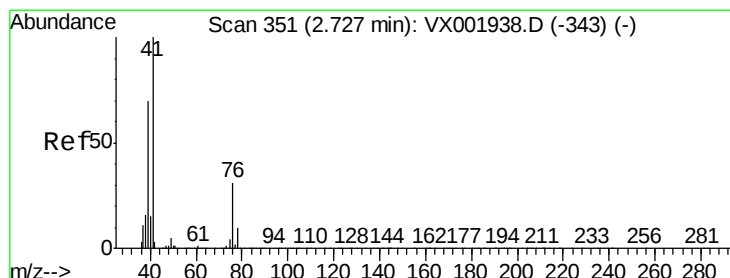
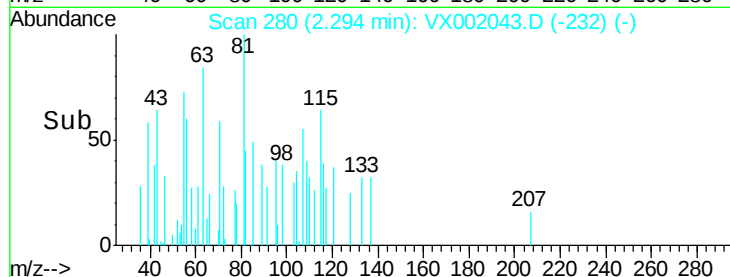
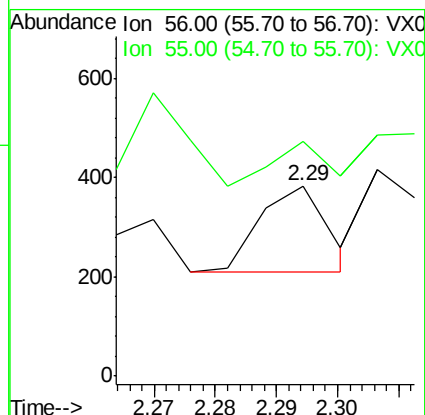
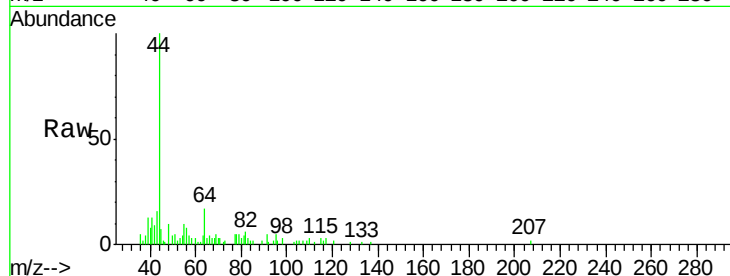
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 130

Ion Ratio Lower Upper

56 100

55 213.8 56.8 85.2#



#14

Allyl chloride

Concen: 1.16 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

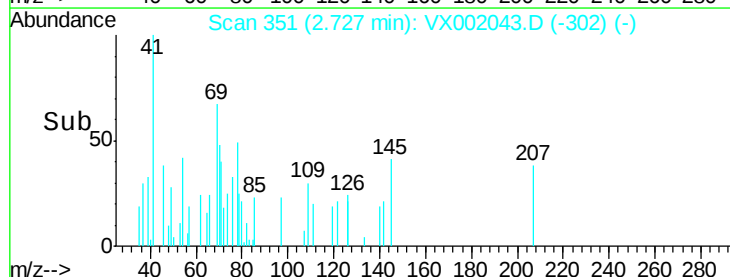
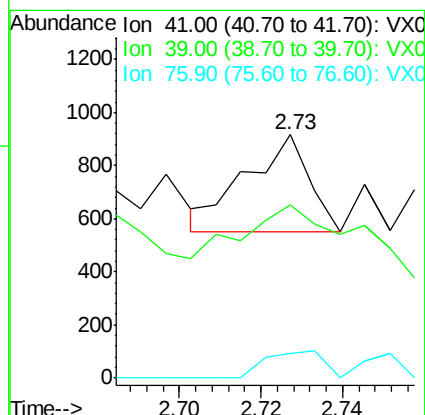
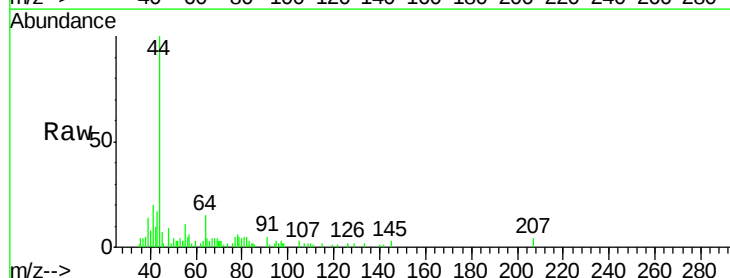
Tgt Ion: 41 Resp: 393

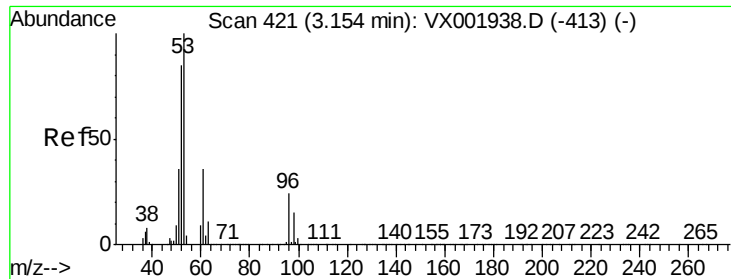
Ion Ratio Lower Upper

41 100

39 136.6 54.3 81.5#

76 25.7 24.2 36.4

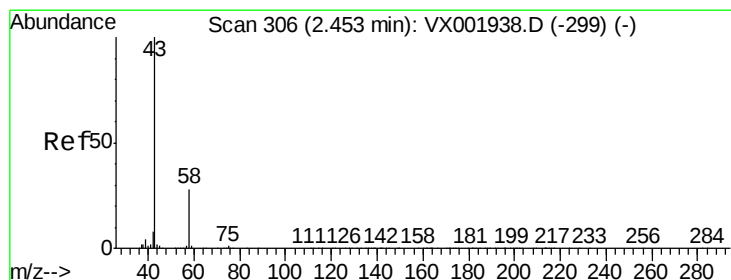
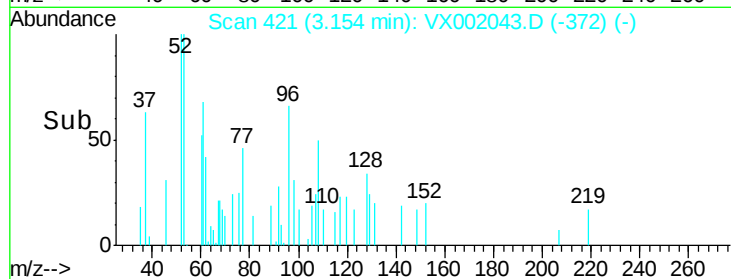
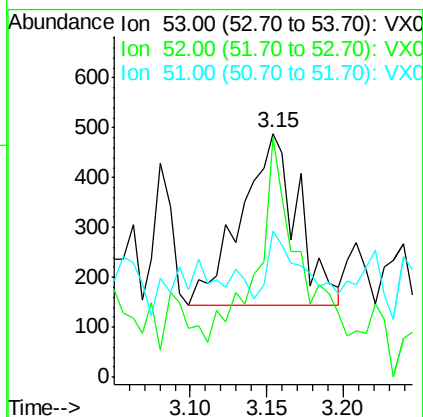
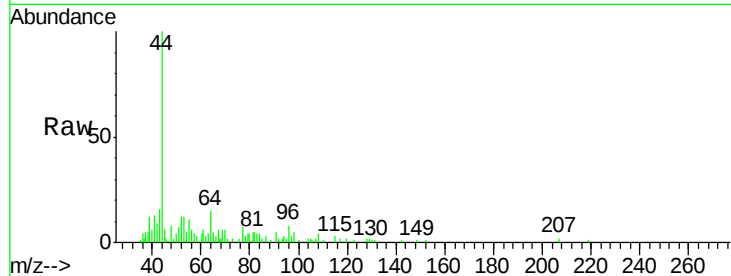




#15
 Acrylonitrile
 Concen: 8.81 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX002043.D
 Acq: 27 May 2018 02:58

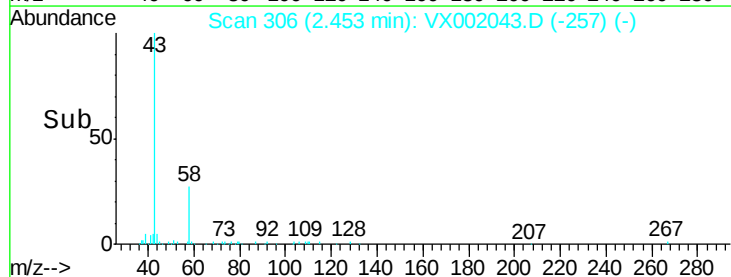
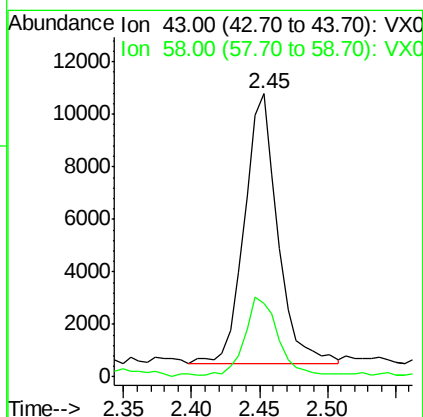
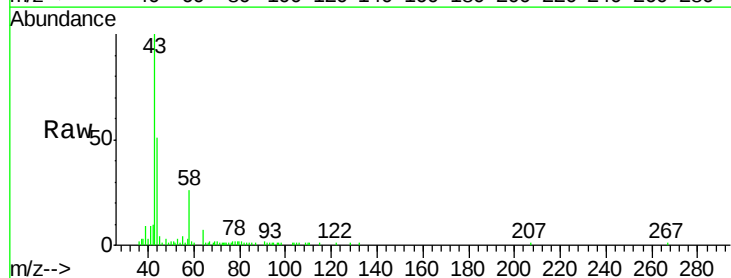
Instrument :
 MSVOA_X
 ClientSampleId :

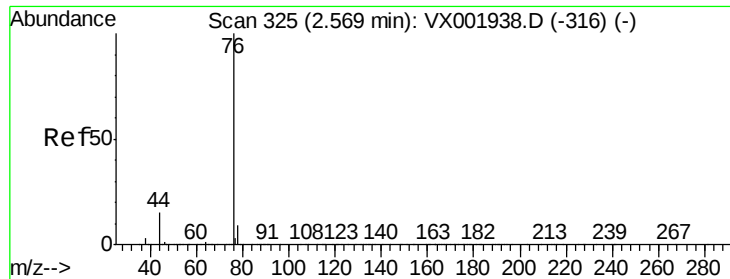
Tot Ion: 53 Resp: 882
 Ion Ratio Lower Upper
 53 100
 52 93.9 66.4 99.6
 51 30.2 29.3 43.9



#16
 Acetone
 Concen: 182.97 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX002043.D
 Acq: 27 May 2018 02:58

Tgt Ion: 43 Resp: 17508
 Ion Ratio Lower Upper
 43 100
 58 26.3 22.3 33.5

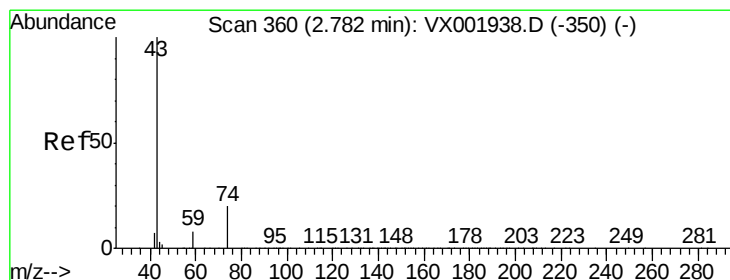
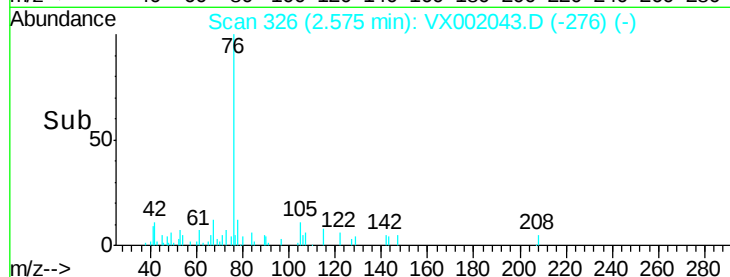
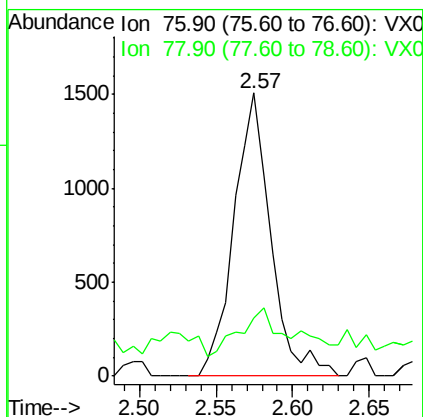
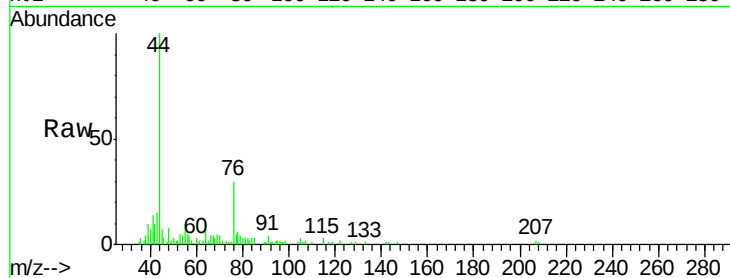




#17
Carbon Disulfide
Concen: 5.42 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002043.D
Acq: 27 May 2018 02:58

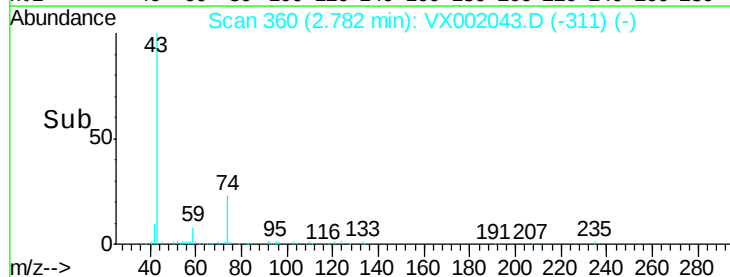
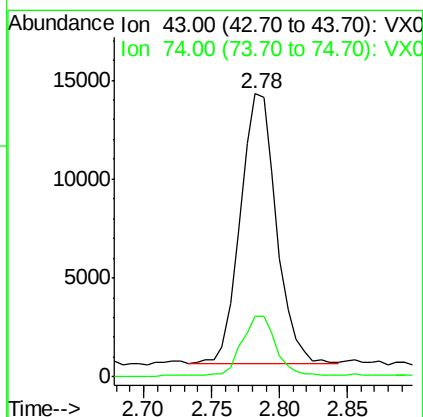
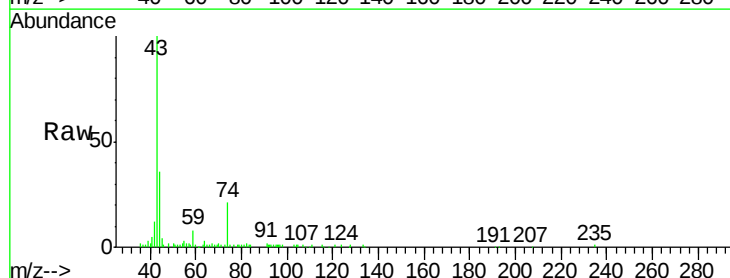
Instrument :
MSVOA_X
ClientSampleId :

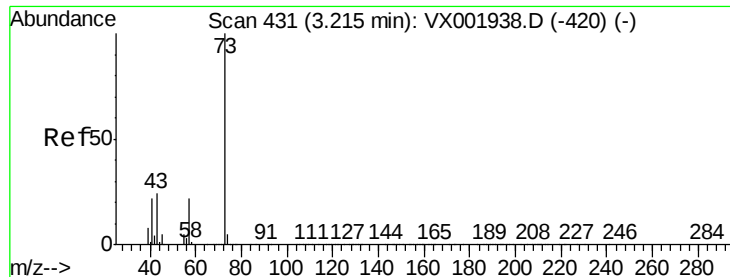
Tot Ion: 76 Resp: 2523
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 111.03 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002043.D
Acq: 27 May 2018 02:58

Tgt Ion: 43 Resp: 25275
Ion Ratio Lower Upper
43 100
74 22.9 16.8 25.2



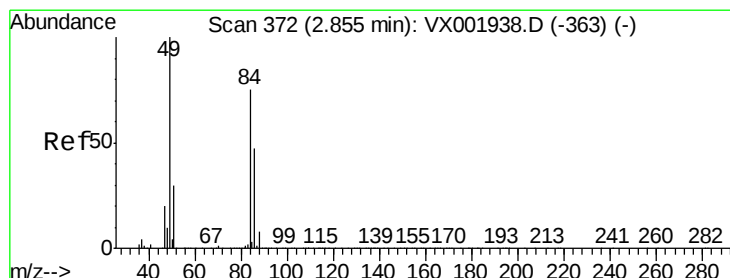
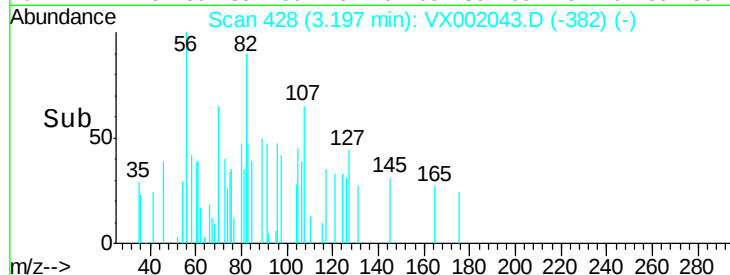
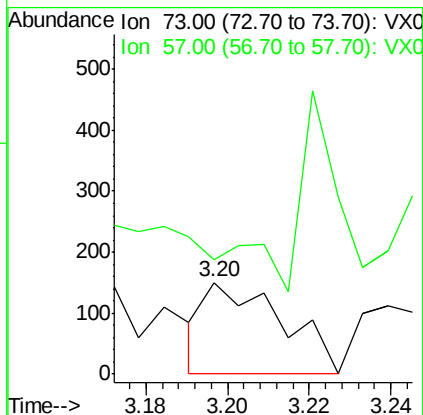
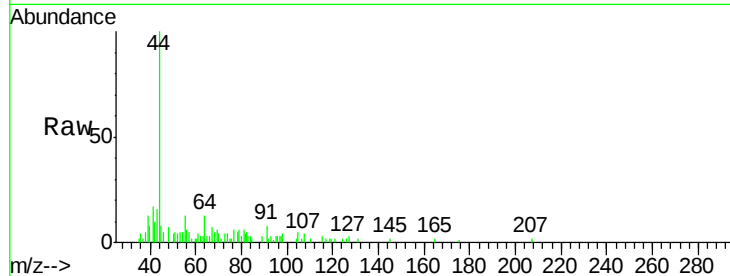


#19

Methyl tert-butyl Ether
 Concen: 0.33 ug/l
 RT: 3.20 min Scan# 428
 Delta R.T. -0.02 min
 Lab File: VX002043.D
 Acq: 27 May 2018 02:58

Instrument :
 MSVOA_X
 ClientSampled :

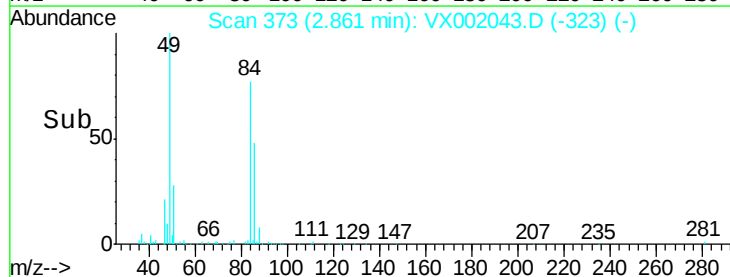
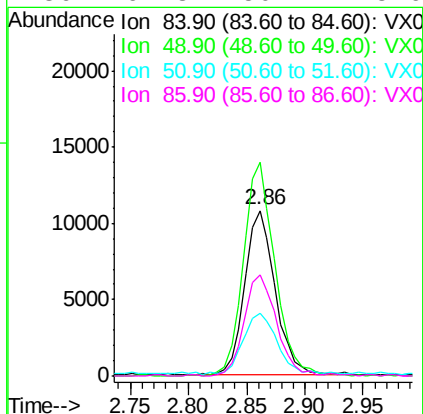
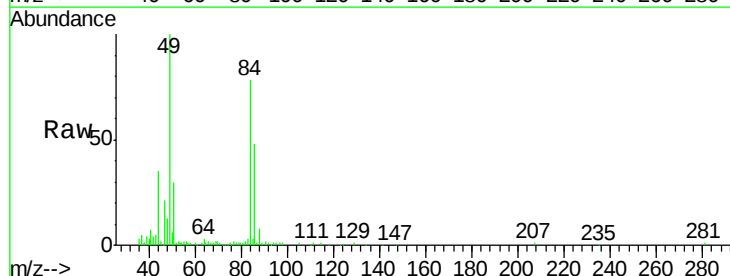
Tot Ion: 73 Resp: 198
 Ion Ratio Lower Upper
 73 100
 57 0.0 17.4 26.0#

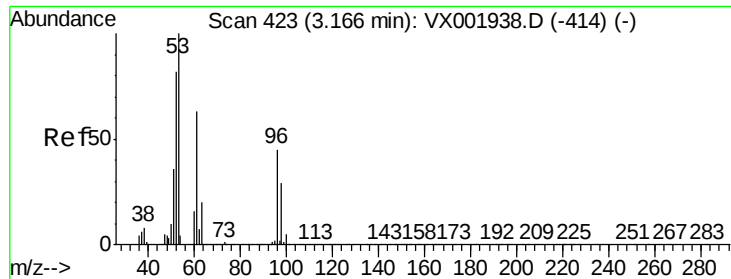


#20

Methylene Chloride
 Concen: 120.96 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VX002043.D
 Acq: 27 May 2018 02:58

Tgt Ion: 84 Resp: 19649
 Ion Ratio Lower Upper
 84 100
 49 129.3 107.2 160.8
 51 37.1 32.4 48.6
 86 61.3 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 2.84 ug/l

RT: 3.17 min Scan# 423

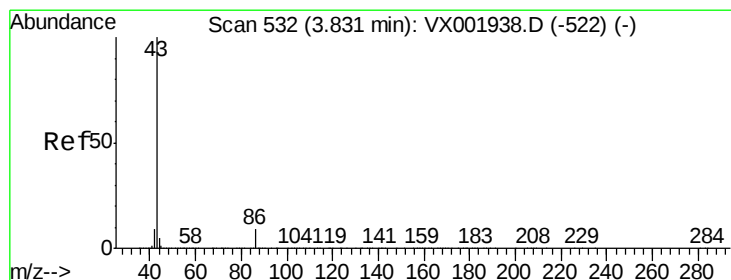
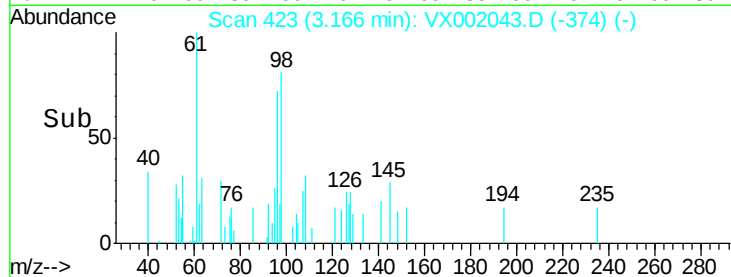
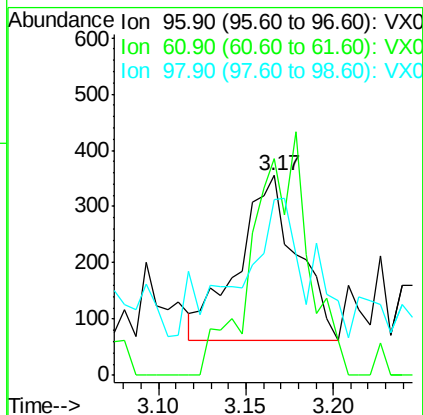
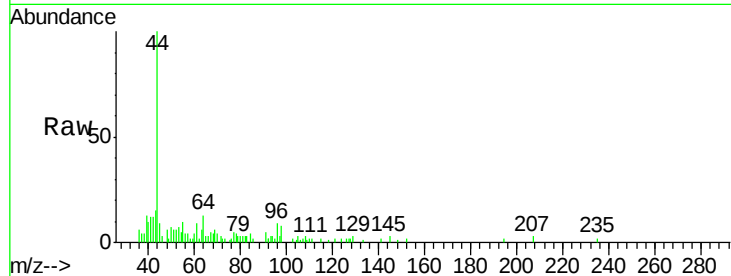
Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	96	Resp:	681
Ion	Ratio	Lower	Upper
96	100		
61	132.2	113.3	169.9
98	62.0	51.7	77.5



#23

Vinyl Acetate

Concen: 2.13 ug/l

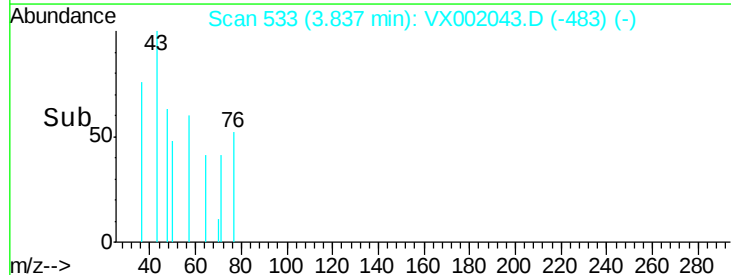
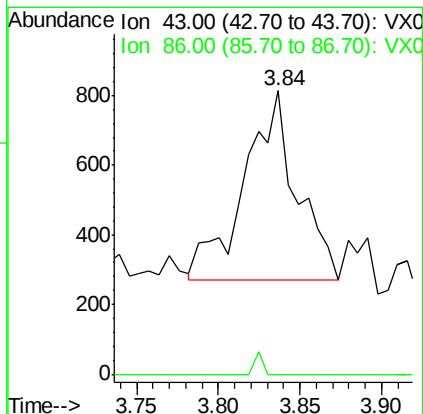
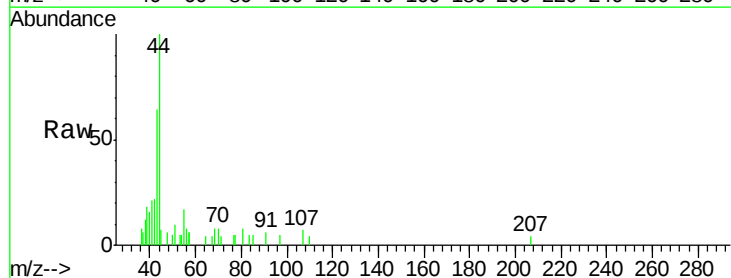
RT: 3.84 min Scan# 533

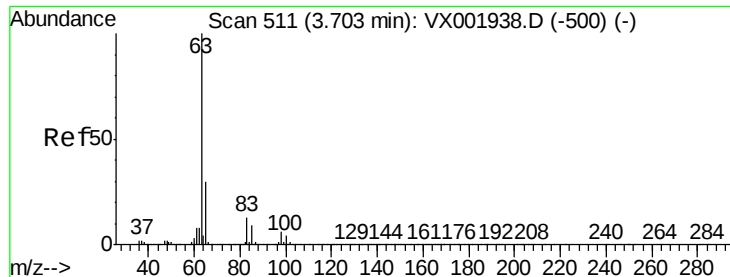
Delta R.T. 0.01 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Tgt Ion:	43	Resp:	1219
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.6	11.4#





#24

1,1-Dichloroethane

Concen: 1.05 ug/l

RT: 3.71 min Scan# 512

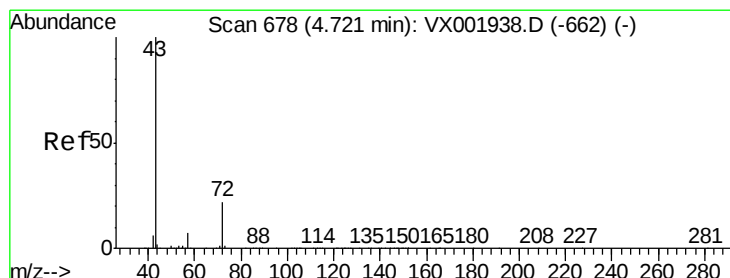
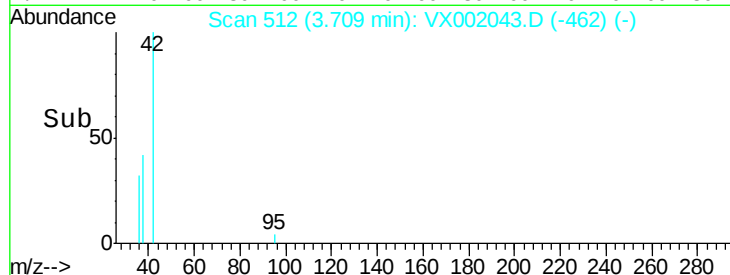
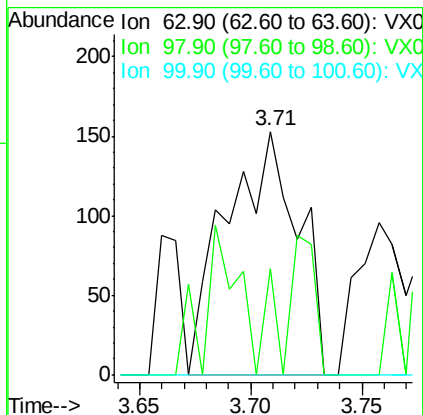
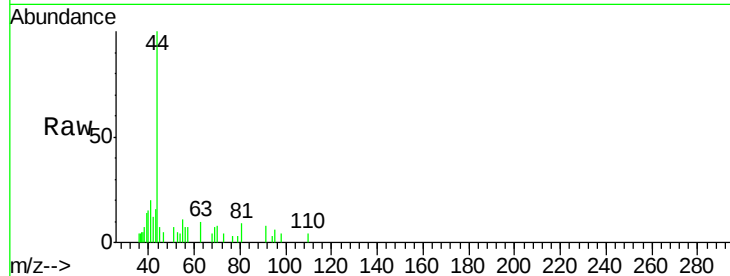
Delta R.T. 0.01 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	63	Resp:	345
Ion	Ratio	Lower	Upper
63	100		
98	43.8	3.3	9.8#
100	0.0	2.1	6.5#



#25

2-Butanone

Concen: 29.42 ug/l

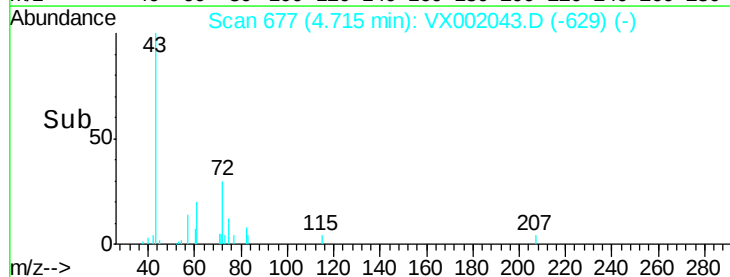
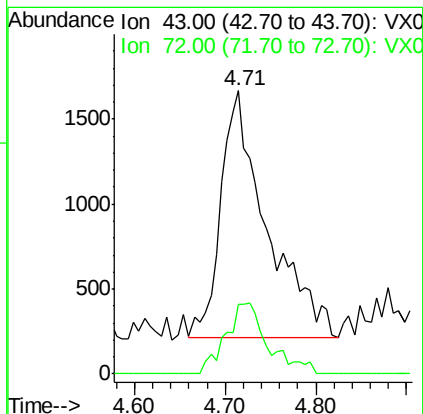
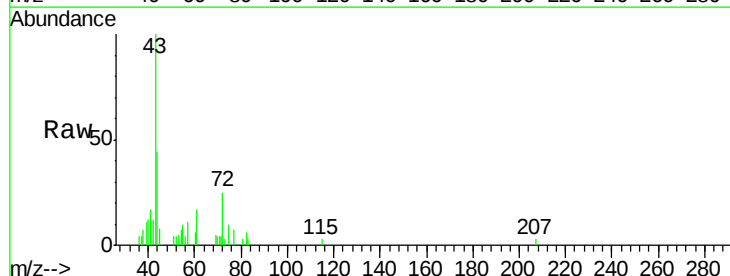
RT: 4.71 min Scan# 677

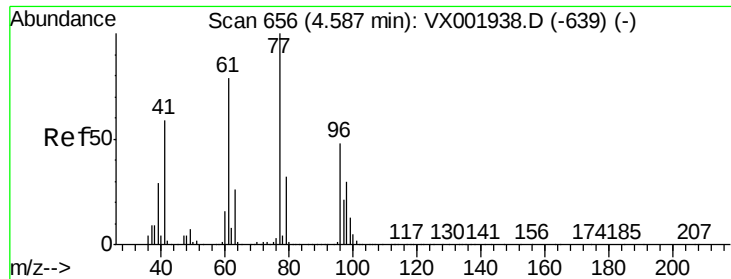
Delta R.T. -0.01 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Tgt Ion:	43	Resp:	5160
Ion	Ratio	Lower	Upper
43	100		
72	28.1	17.9	26.9#





#26

2,2-Dichloropropane

Concen: 0.73 ug/l

RT: 4.53 min Scan# 646

Delta R.T. -0.06 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

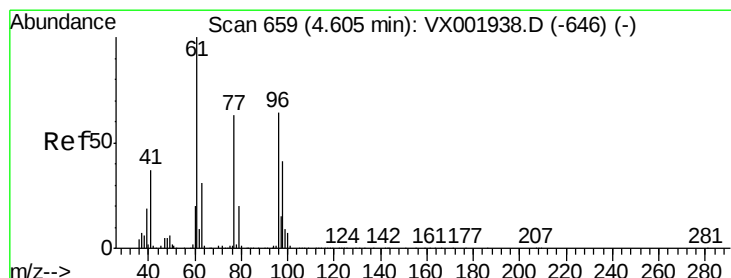
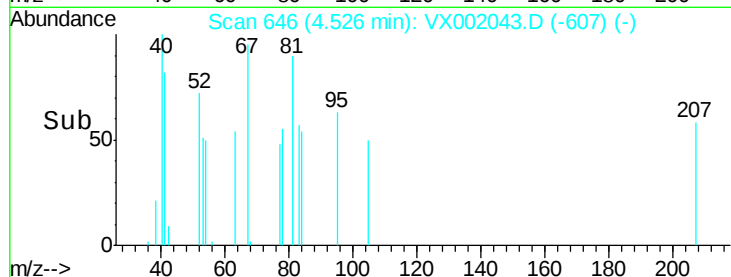
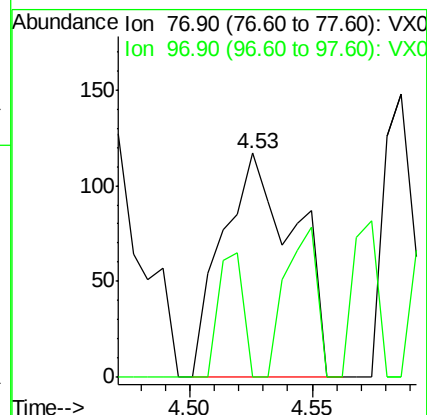
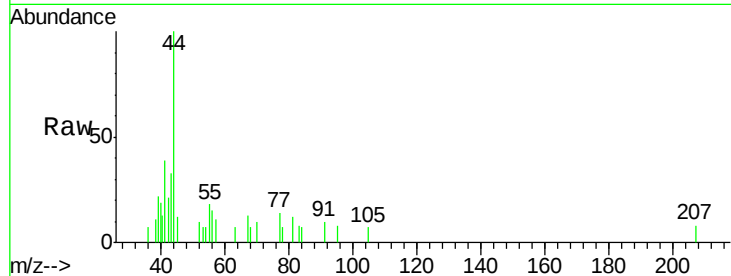
ClientSampled :

Tot Ion: 77 Resp: 242

Ion Ratio Lower Upper

77 100

97 19.0 11.2 33.5



#27

cis-1,2-Dichloroethene

Concen: 2.20 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

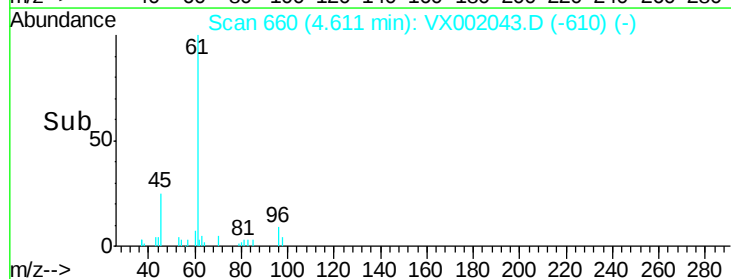
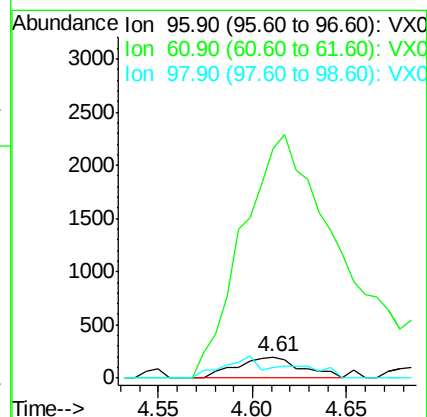
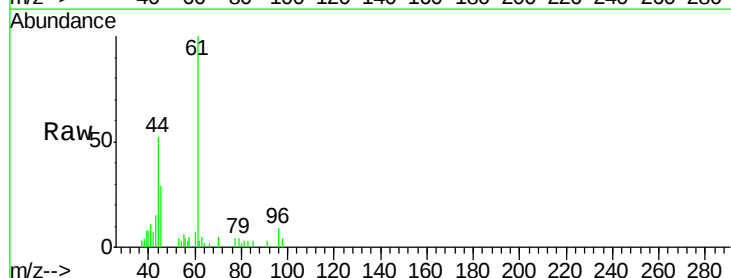
Tgt Ion: 96 Resp: 464

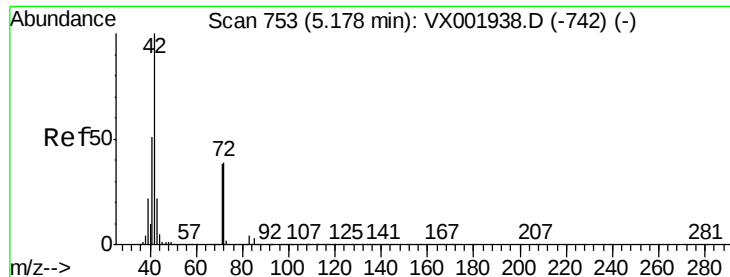
Ion Ratio Lower Upper

96 100

61 1978.2 0.0 348.4#

98 63.4 0.0 128.6





#29

Tetrahydrofuran

Concen: 7.60 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

ClientSampleId :

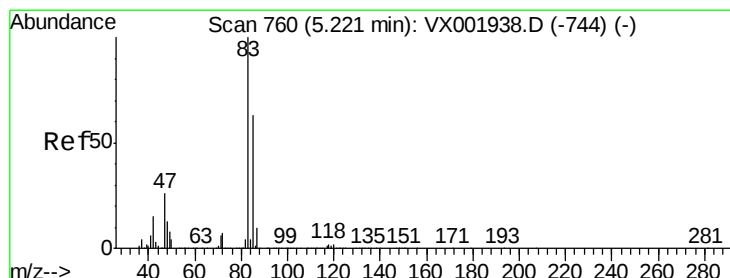
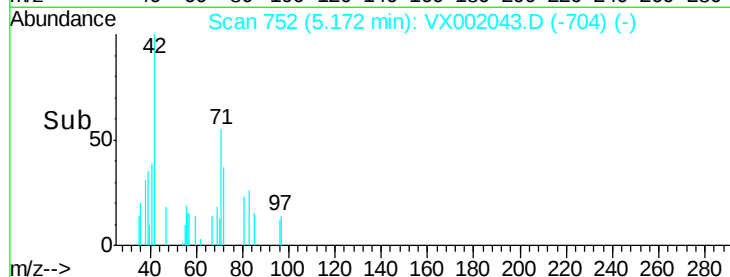
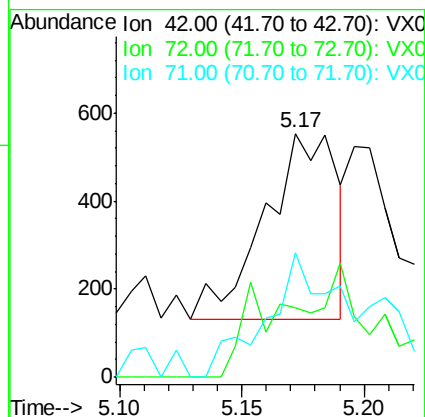
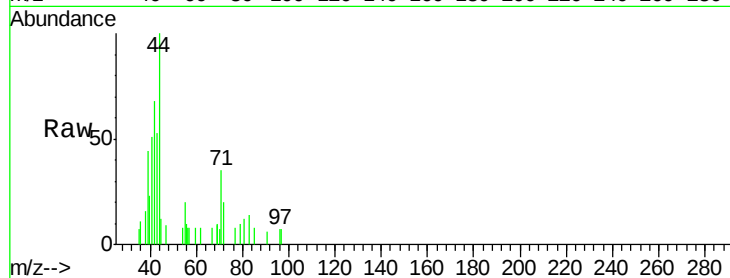
Tot Ion: 42 Resp: 867

Ion Ratio Lower Upper

42 100

72 21.0 31.4 47.0#

71 64.0 29.5 44.3#



#30

Chloroform

Concen: 15.54 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX002043.D

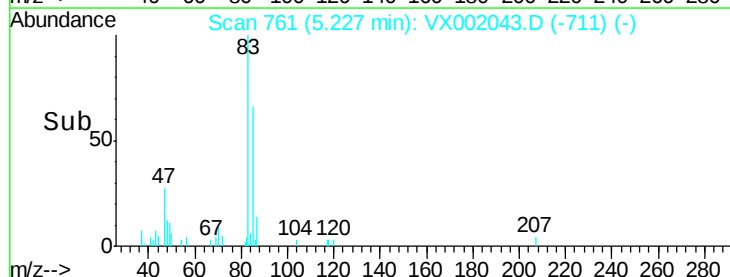
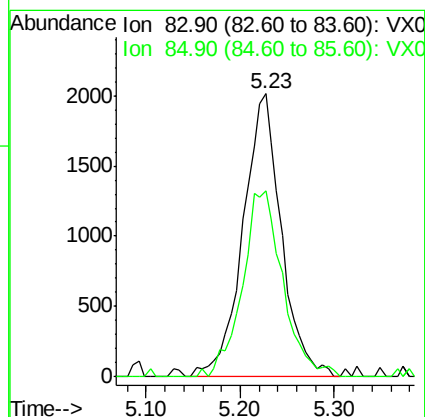
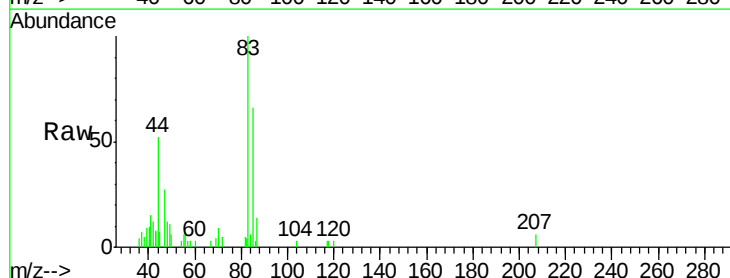
Acq: 27 May 2018 02:58

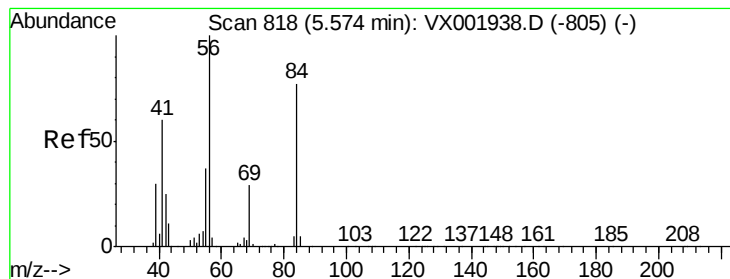
Tgt Ion: 83 Resp: 5740

Ion Ratio Lower Upper

83 100

85 65.6 50.9 76.3





#31

Cyclohexane

Concen: 2.39 ug/l

RT: 5.57 min Scan# 818

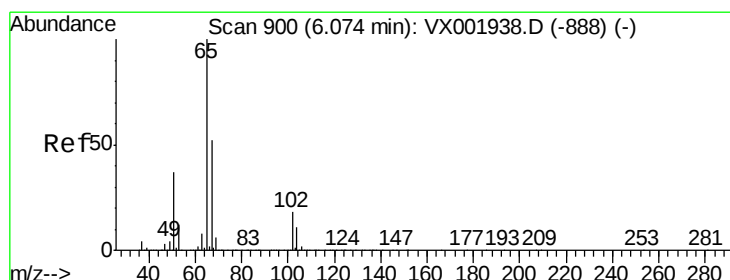
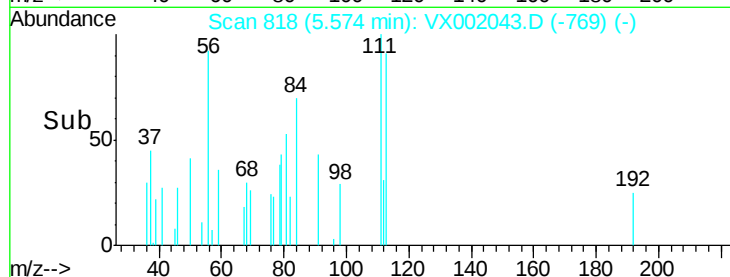
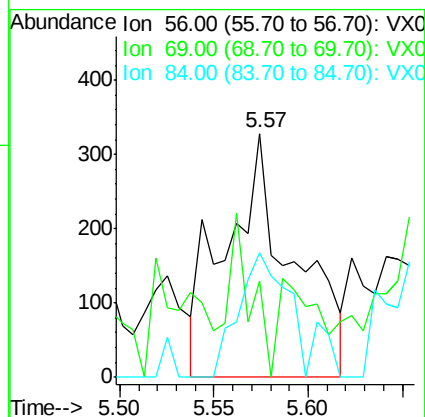
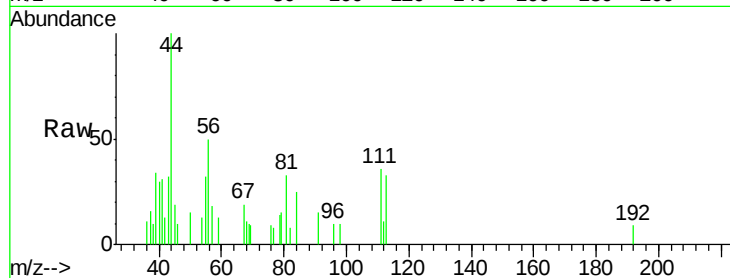
Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	56	Resp:	818
Ion	Ratio	Lower	Upper
56	100		
69	22.7	23.1	34.7#
84	67.6	62.0	93.0



#33

1,2-Dichloroethane-d4

Concen: 244.75 ug/l

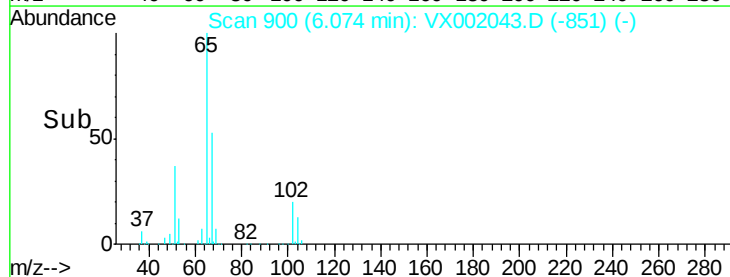
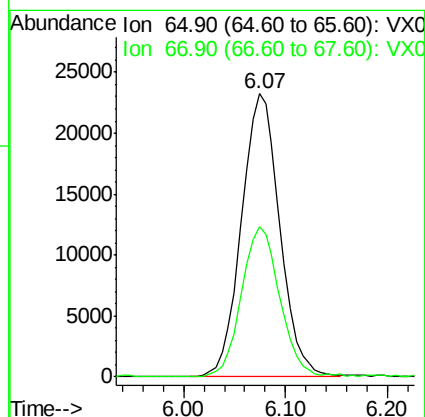
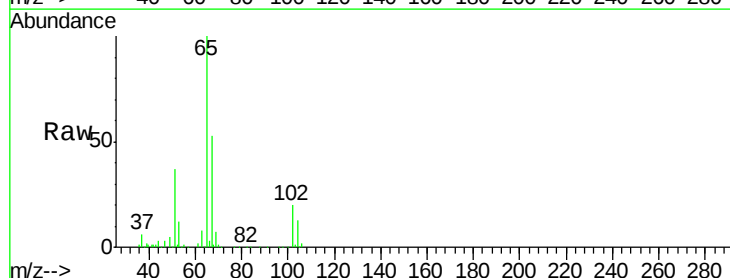
RT: 6.07 min Scan# 900

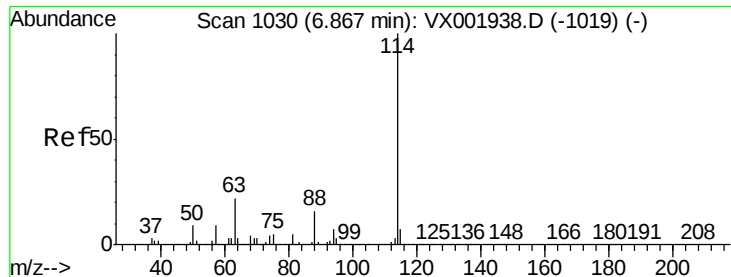
Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Tgt Ion:	65	Resp:	60684
Ion	Ratio	Lower	Upper
65	100		
67	53.3	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: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

ClientSampleId :

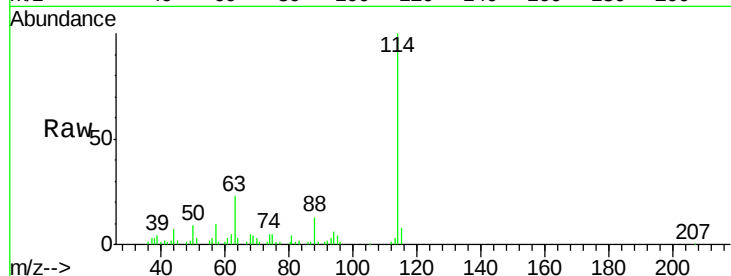
Tot Ion:114 Resp: 27555

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.2

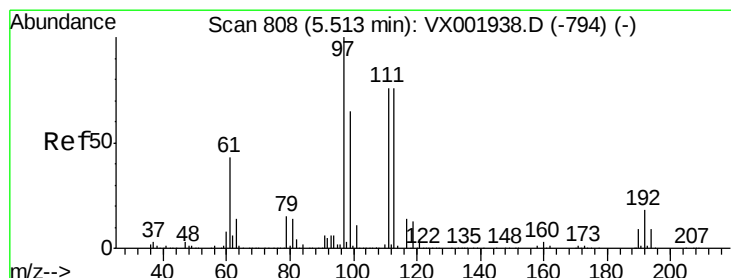
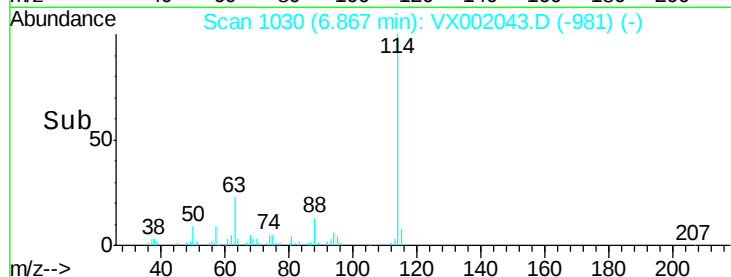
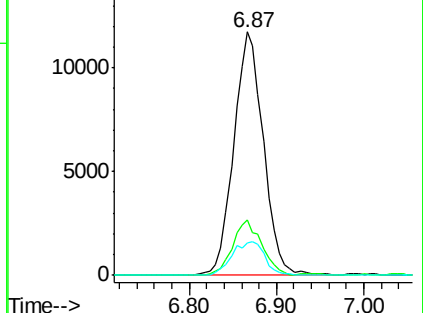
88 13.3 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 147.25 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

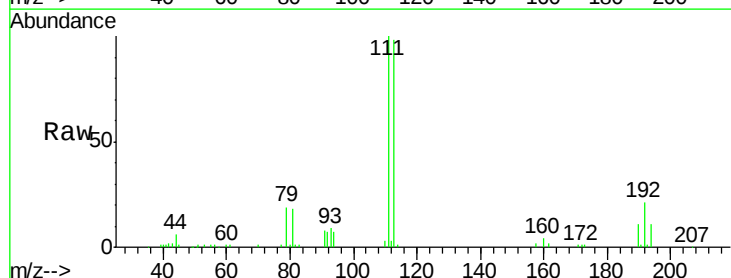
Tgt Ion:113 Resp: 40575

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

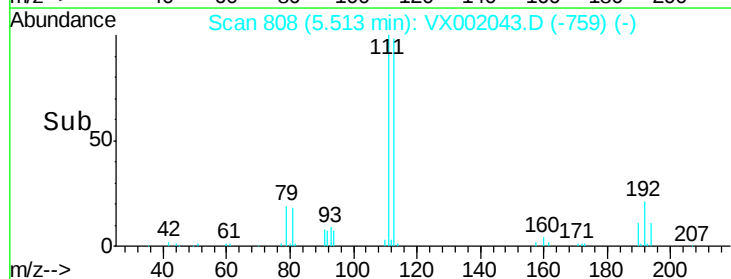
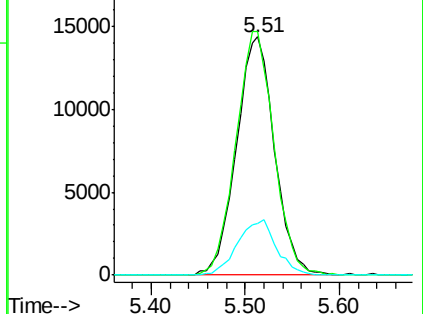
192 23.8 18.9 28.3

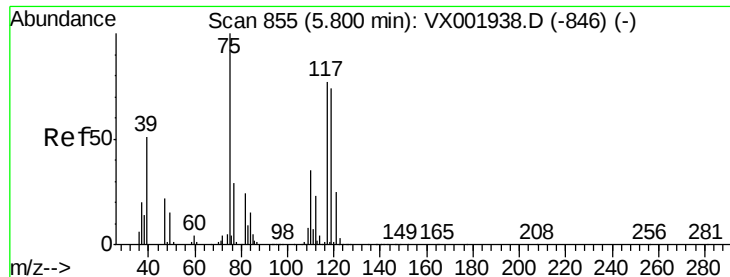


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

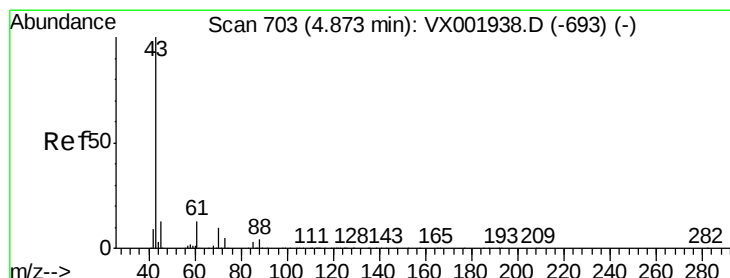
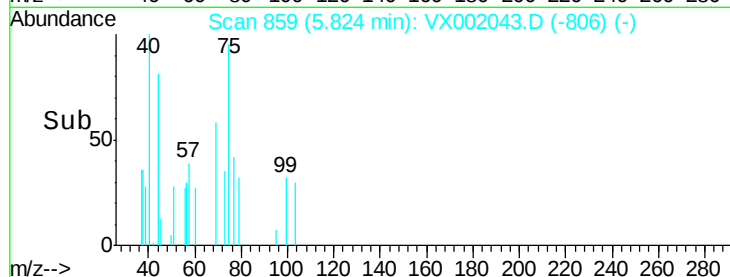
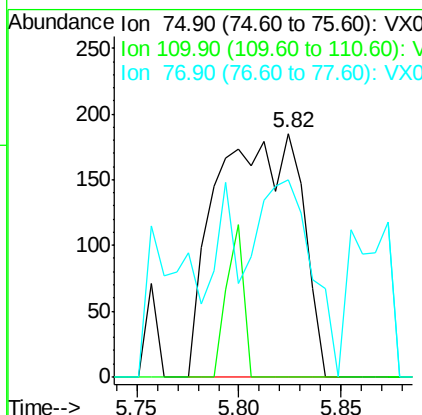
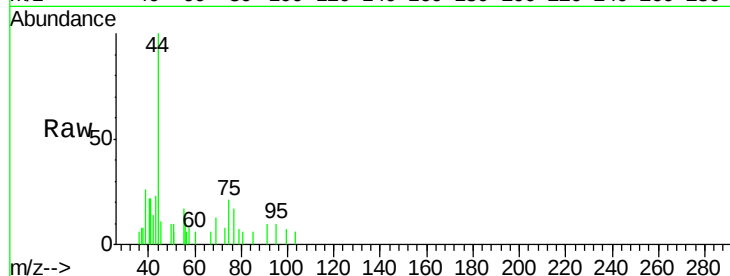




#36
 1,1-Dichloropropene
 Concen: 1.40 ug/l
 RT: 5.82 min Scan# 859
 Delta R.T. 0.02 min
 Lab File: VX002043.D
 Acq: 27 May 2018 02:58

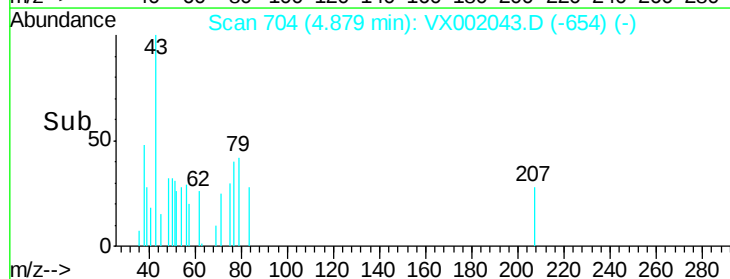
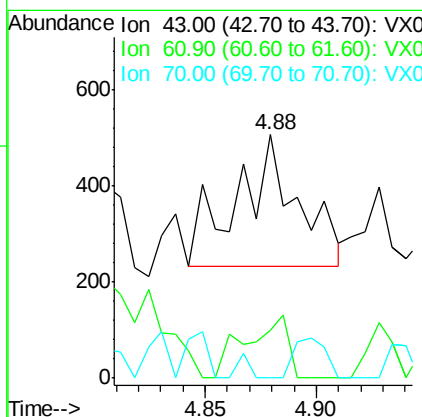
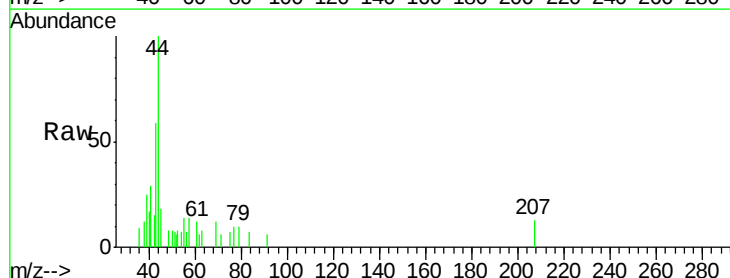
Instrument :
 MSVOA_X
 ClientSampleId :

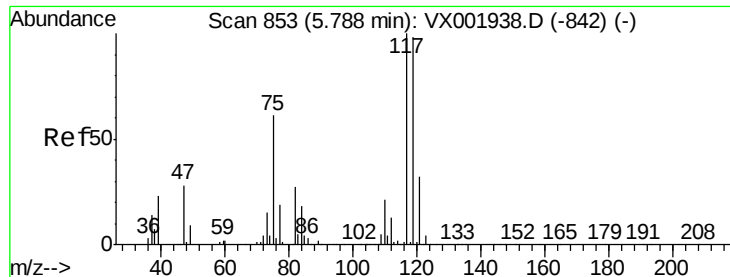
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.4	52.2#
77	53.6	24.4	36.6#



#37
 Ethyl Acetate
 Concen: 1.06 ug/l
 RT: 4.88 min Scan# 704
 Delta R.T. 0.01 min
 Lab File: VX002043.D
 Acq: 27 May 2018 02:58

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.2#
70	3.6	7.8	11.8#





#38

Carbon Tetrachloride

Concen: 0.43 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.01 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

ClientSampled :

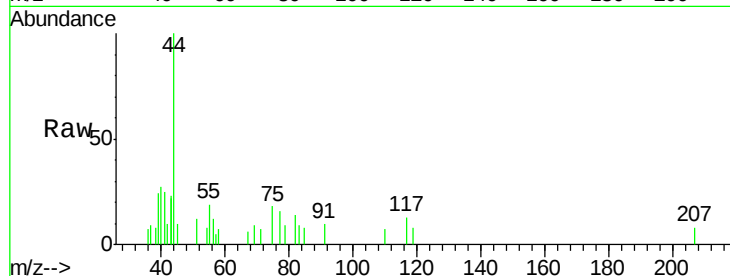
Tot Ion:117 Resp: 192

Ion Ratio Lower Upper

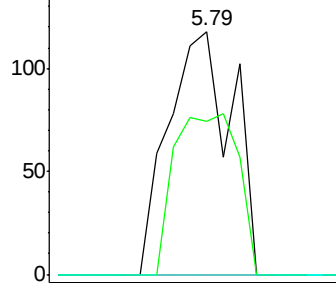
117 100

119 62.7 78.5 117.7#

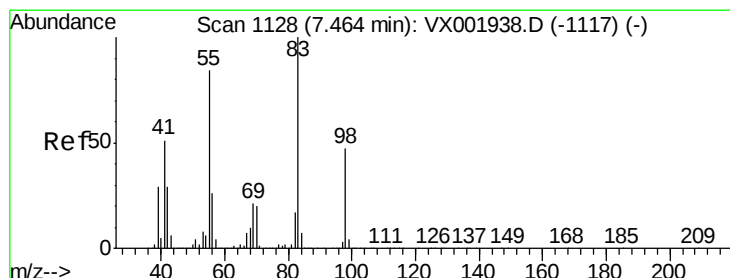
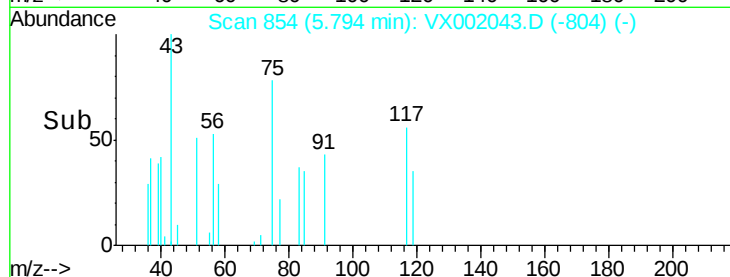
121 0.0 25.5 38.3#



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



Time-->



#39

Methylcyclohexane

Concen: 0.89 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

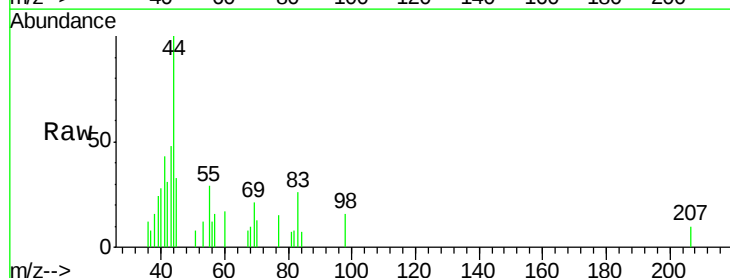
Tgt Ion: 83 Resp: 420

Ion Ratio Lower Upper

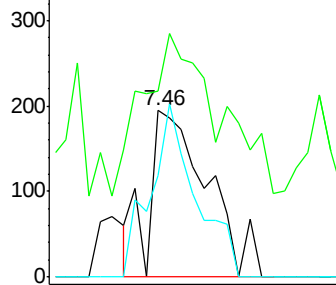
83 100

55 62.1 67.3 100.9#

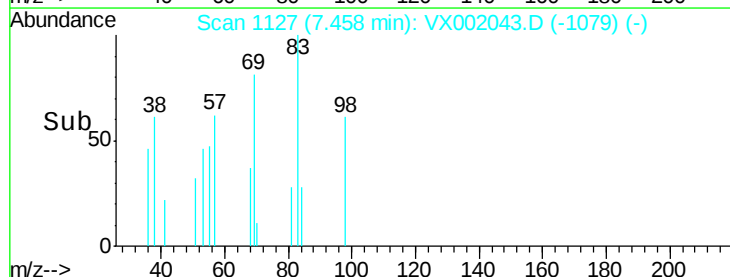
98 61.0 37.5 56.3#

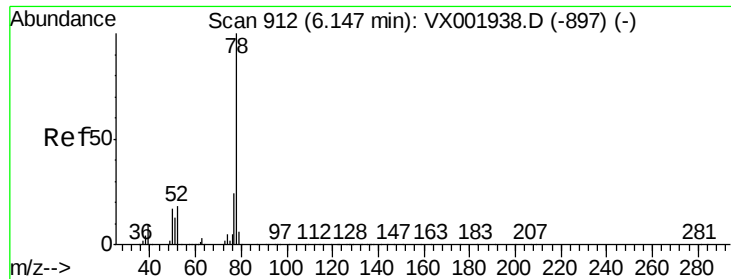


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



Time-->





#40

Benzene

Concen: 0.74 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

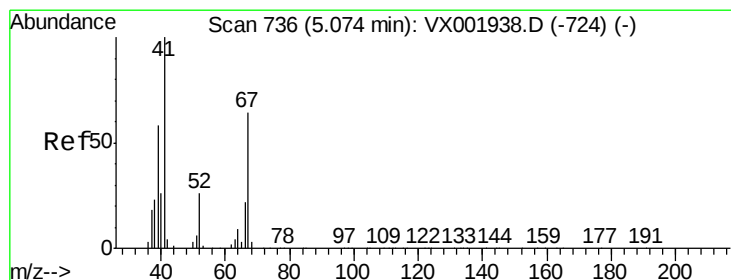
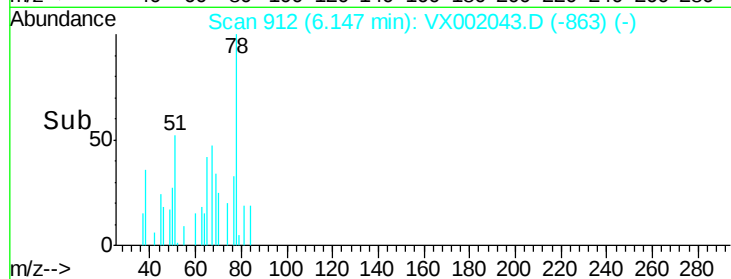
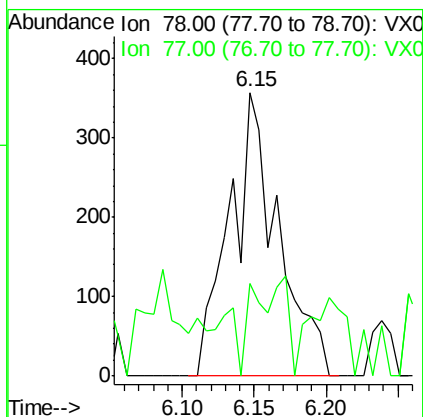
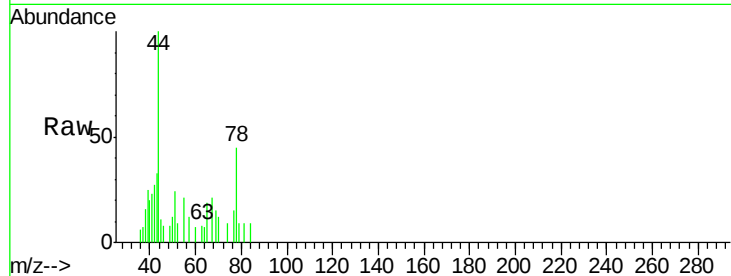
ClientSampleId :

Tot Ion: 78 Resp: 826

Ion Ratio Lower Upper

78 100

77 17.6 19.1 28.7#



#41

Methacrylonitrile

Concen: Below Cal

RT: 5.06 min Scan# 733

Delta R.T. -0.02 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Tgt Ion: 41 Resp: 60

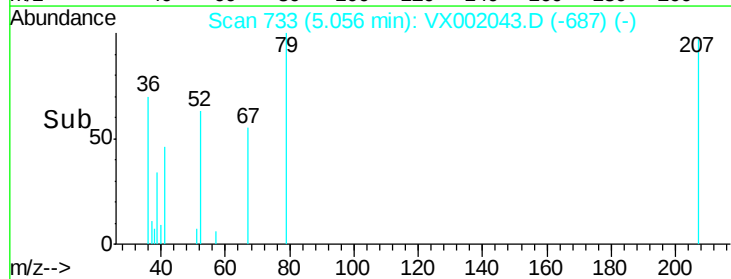
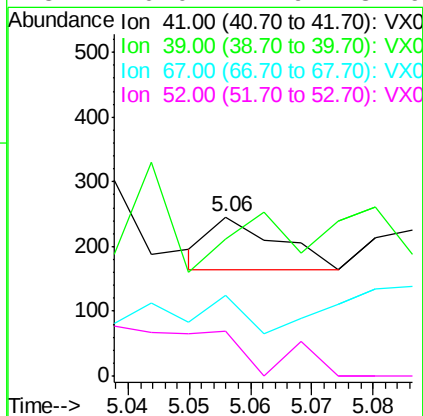
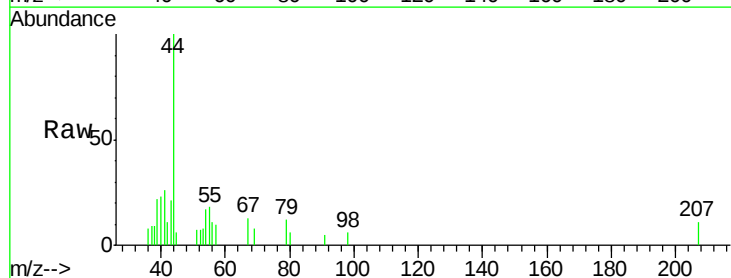
Ion Ratio Lower Upper

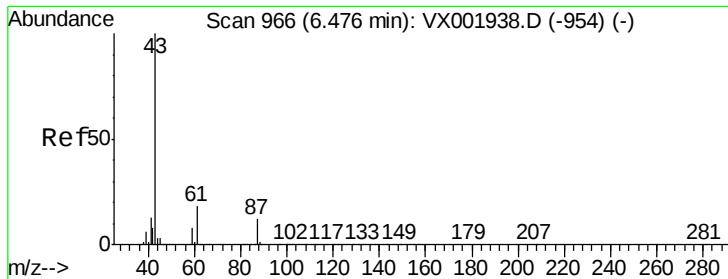
41 100

39 55.0 46.0 69.0

67 370.0 50.6 75.8#

52 0.0 21.9 32.9#





#43

Isopropyl Acetate

Concen: 0.38 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

ClientSampled :

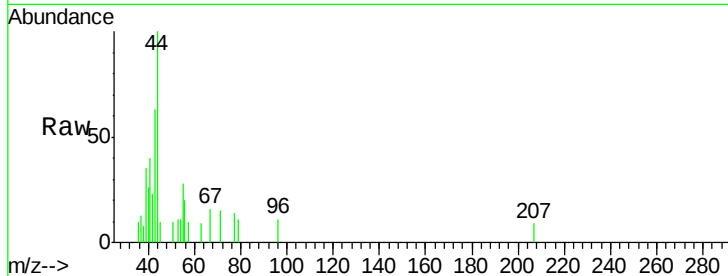
Tot Ion: 43 Resp: 319

Ion Ratio Lower Upper

43 100

61 7.2 14.5 21.7#

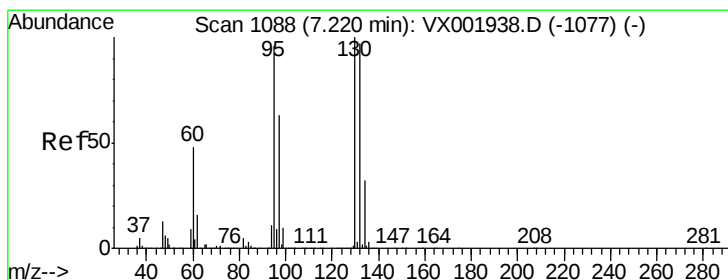
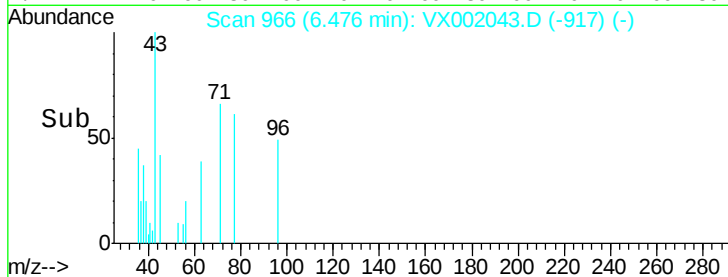
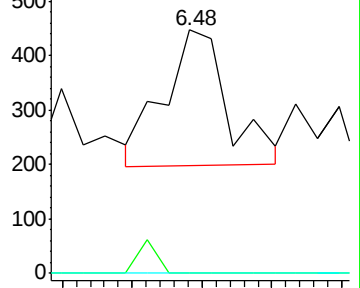
87 0.0 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 1.38 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX002043.D

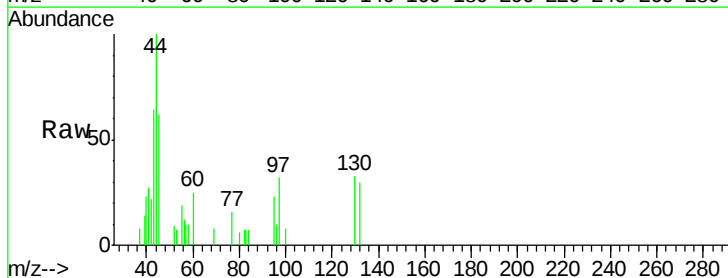
Acq: 27 May 2018 02:58

Tgt Ion: 130 Resp: 451

Ion Ratio Lower Upper

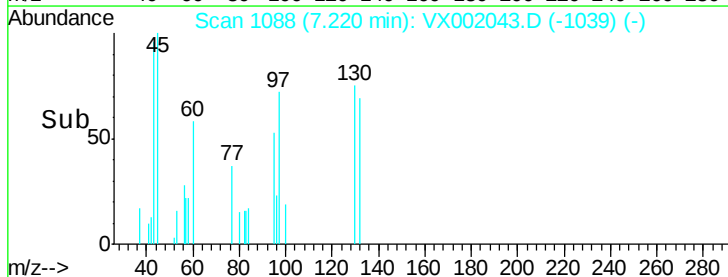
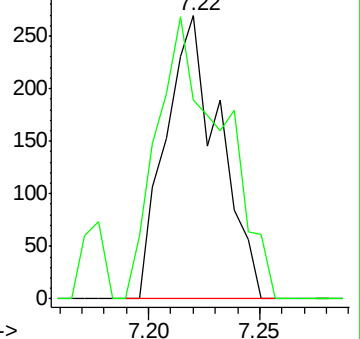
130 100

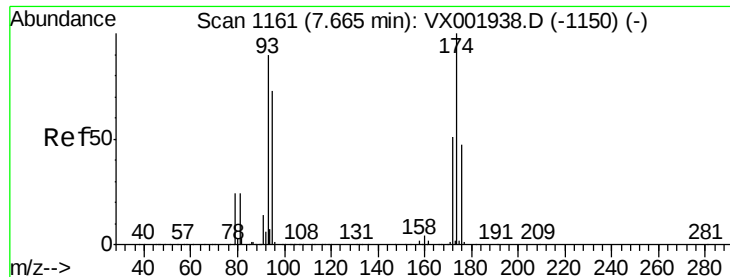
95 70.3 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#46

Dibromomethane

Concen: 1.02 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

ClientSampleId :

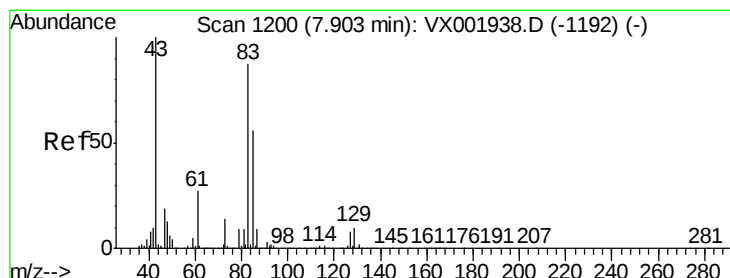
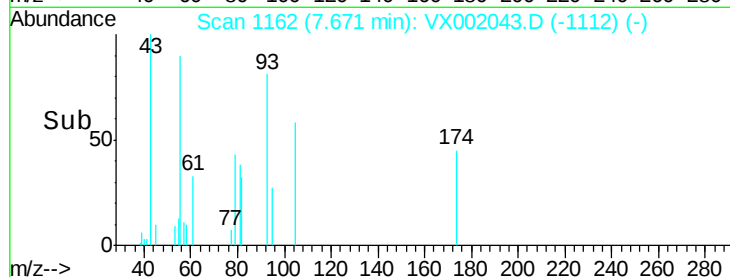
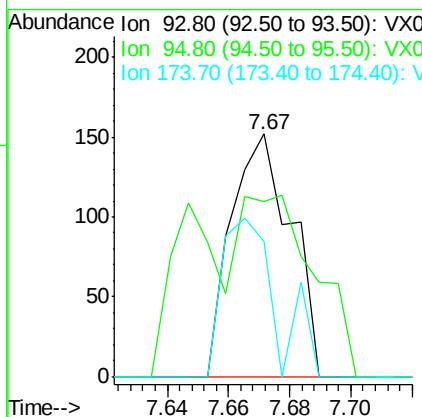
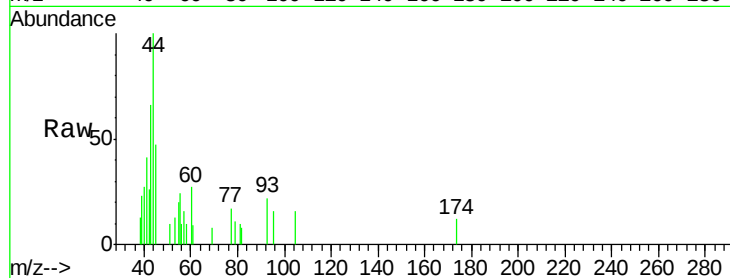
Tot Ion: 93 Resp: 206

Ion Ratio Lower Upper

93 100

95 94.2 66.1 99.1

174 58.7 92.5 138.7#



#47

Bromodichloromethane

Concen: 2.92 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

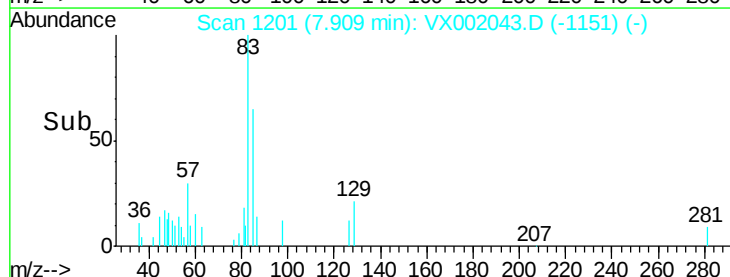
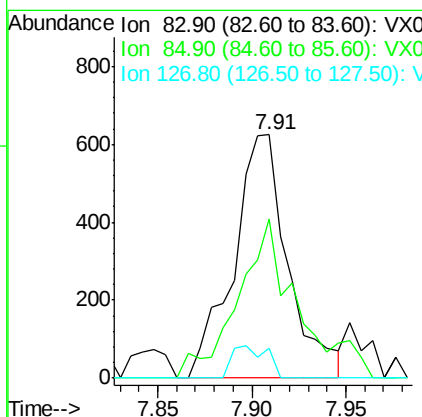
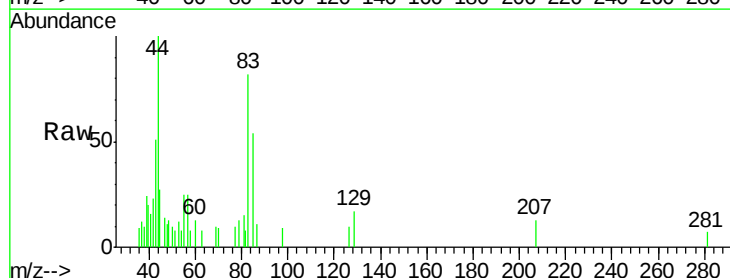
Tgt Ion: 83 Resp: 1255

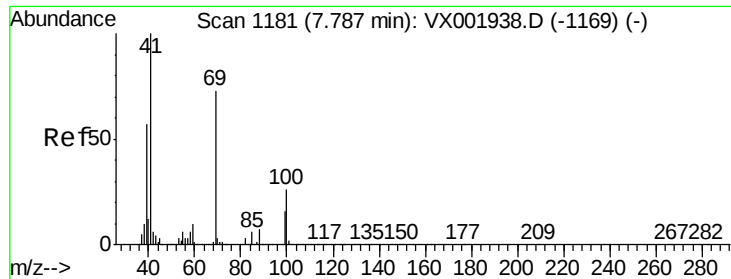
Ion Ratio Lower Upper

83 100

85 55.2 51.4 77.2

127 12.0 7.1 10.7#

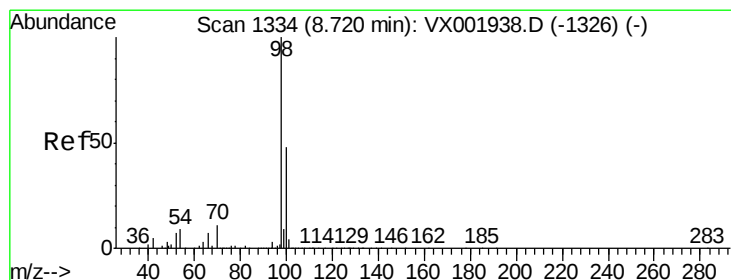
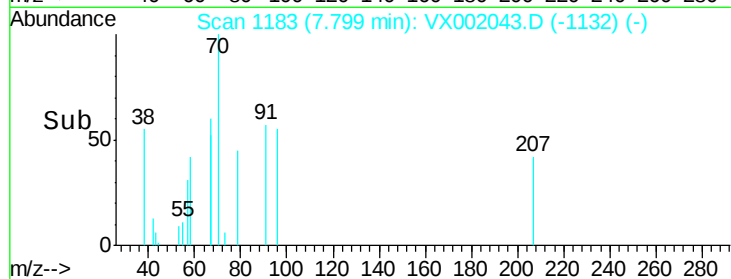
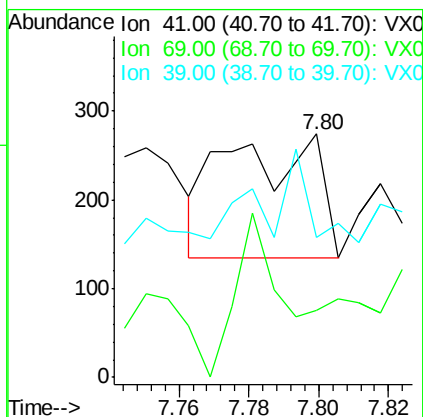
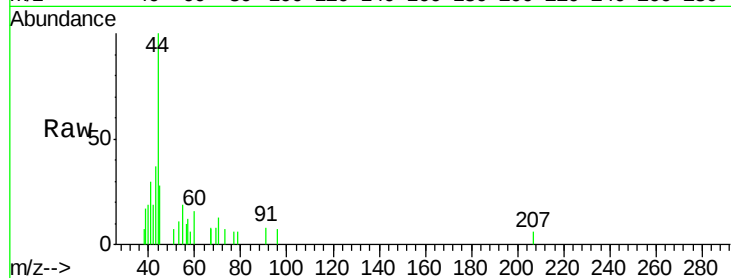




#48
Methvl methacrvlate
Concen: 0.59 ug/l
RT: 7.80 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VX002043.D
Acq: 27 May 2018 02:58

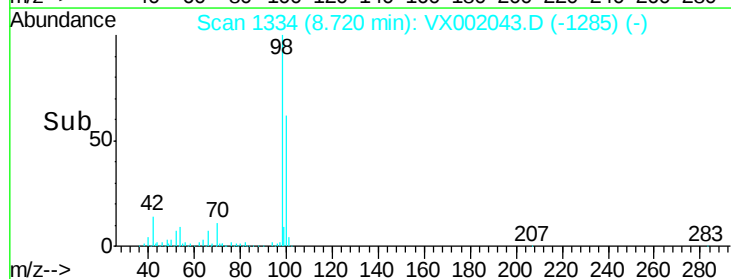
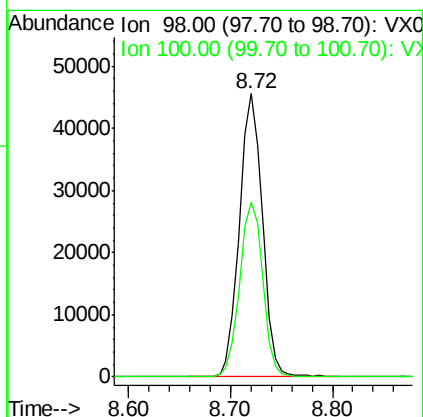
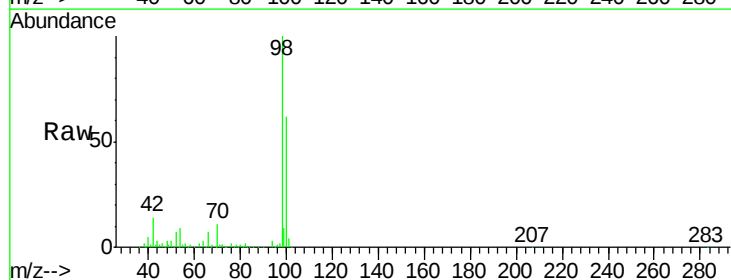
Instrument :
MSVOA_X
ClientSampleId :

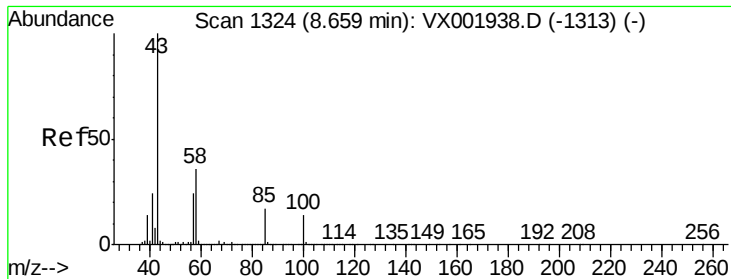
Tot Ion: 41 Resp: 252
Ion Ratio Lower Upper
41 100
69 62.7 58.6 87.8
39 25.8 46.3 69.5#



#50
Toluene-d8
Concen: 71.22 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002043.D
Acq: 27 May 2018 02:58

Tgt Ion: 98 Resp: 71052
Ion Ratio Lower Upper
98 100
100 61.7 51.5 77.3

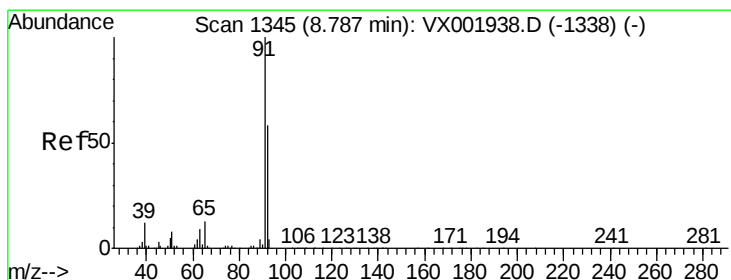
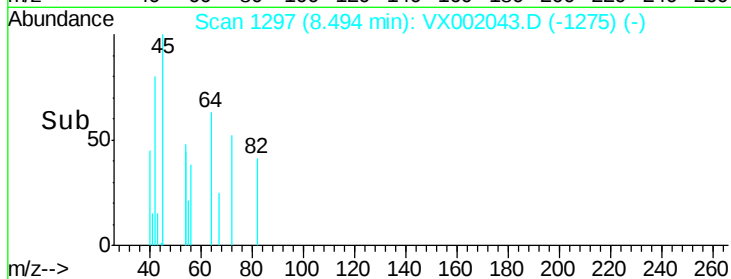
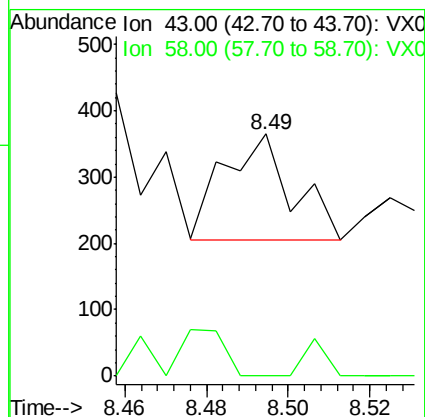
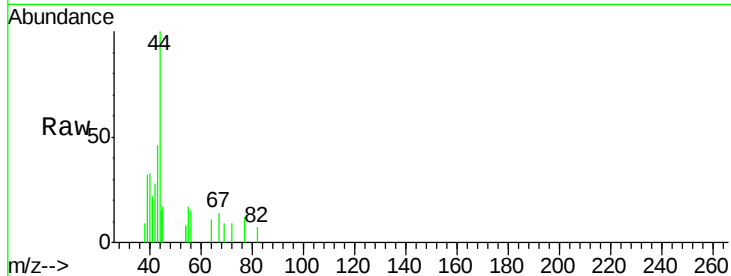




#51
4-Methyl-2-Pentanone
Concen: 0.37 ug/l
RT: 8.49 min Scan# 1297
Delta R.T. -0.16 min
Lab File: VX002043.D
Acq: 27 May 2018 02:58

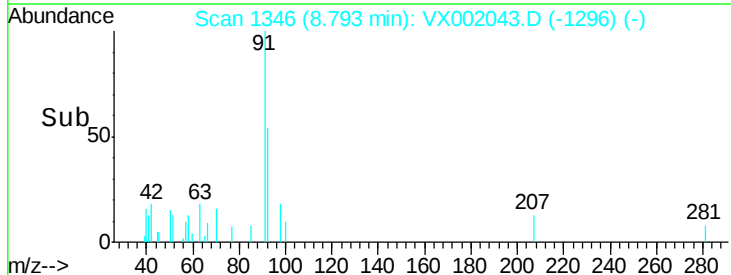
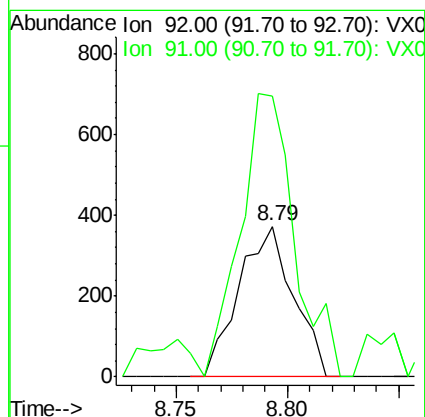
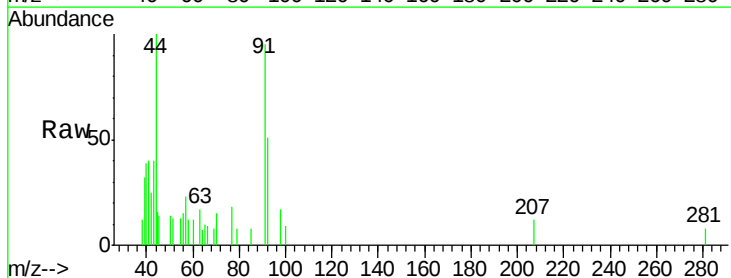
Instrument :
MSVOA_X
ClientSampled :

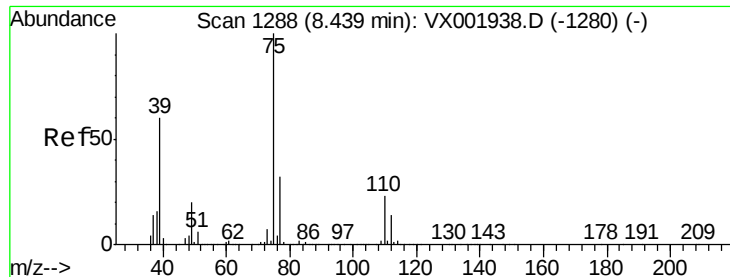
Tot Ion: 43 Resp: 184
Ion Ratio Lower Upper
43 100
58 39.7 28.5 42.7



#52
Toluene
Concen: 0.88 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.01 min
Lab File: VX002043.D
Acq: 27 May 2018 02:58

Tgt Ion: 92 Resp: 632
Ion Ratio Lower Upper
92 100
91 188.6 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 0.21 ug/l

RT: 8.43 min Scan# 1287

Delta R.T. -0.01 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

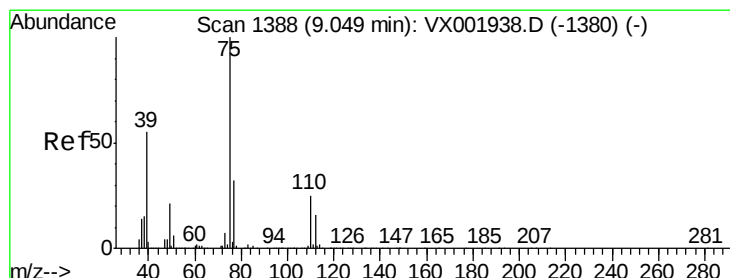
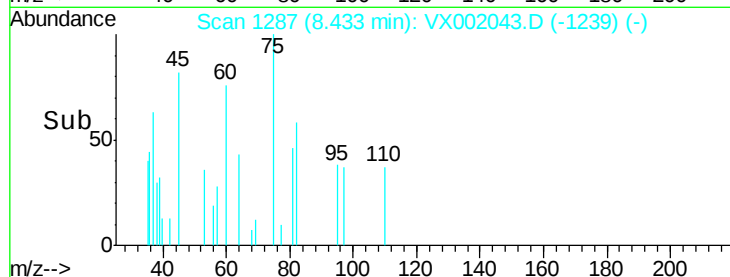
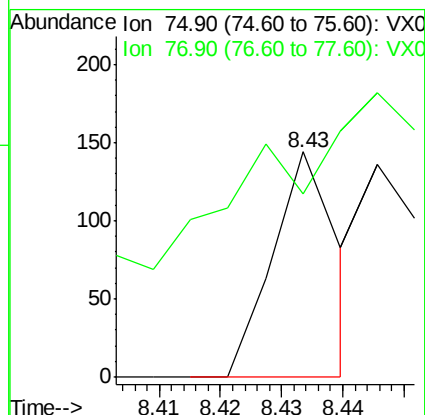
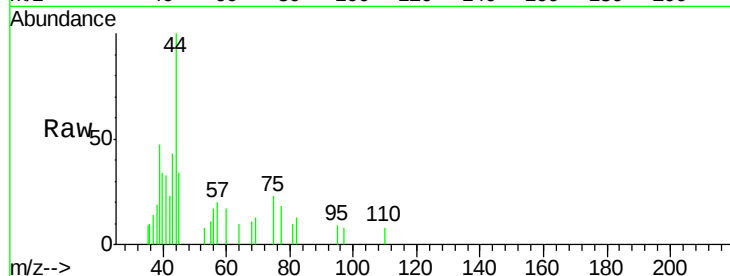
ClientSampleId :

Tot Ion: 75 Resp: 106

Ion Ratio Lower Upper

75 100

77 11.1 25.5 38.3#



#54

cis-1,3-Dichloropropene

Concen: 1.00 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

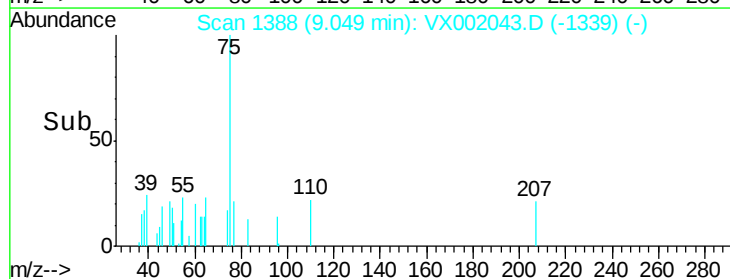
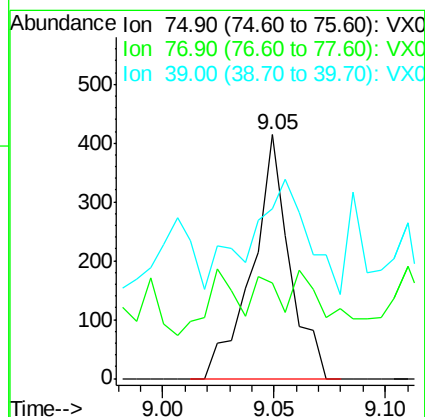
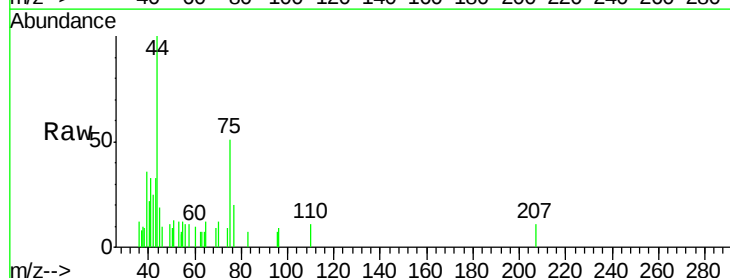
Tgt Ion: 75 Resp: 482

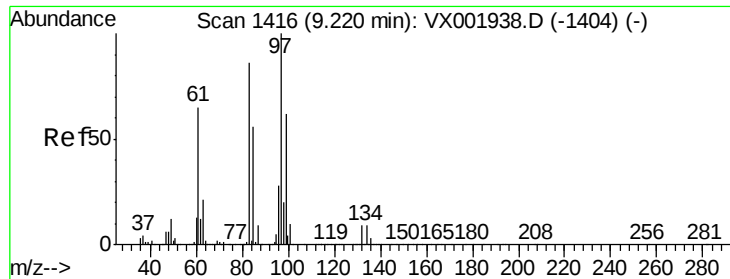
Ion Ratio Lower Upper

75 100

77 15.9 25.4 38.0#

39 35.5 44.1 66.1#





#55

1,1,2-Trichloroethane

Concen: 0.23 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 68

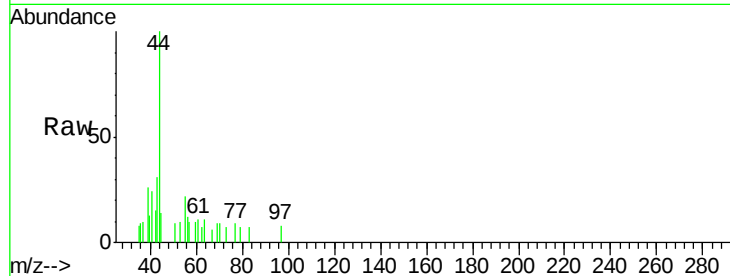
Ion Ratio Lower Upper

97 100

83 86.6 69.1 103.7

85 0.0 45.2 67.8#

99 0.0 49.6 74.4#

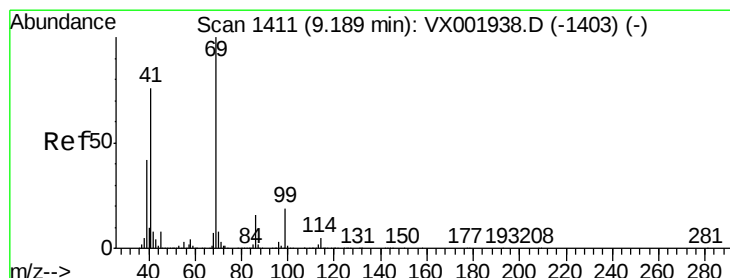
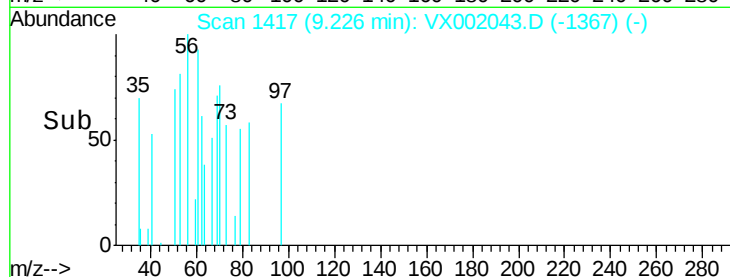
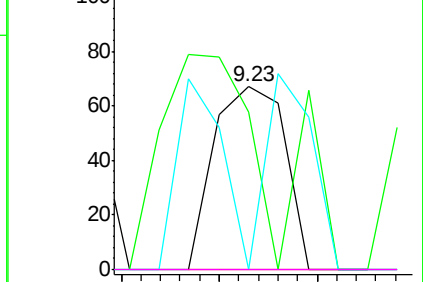


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.53 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

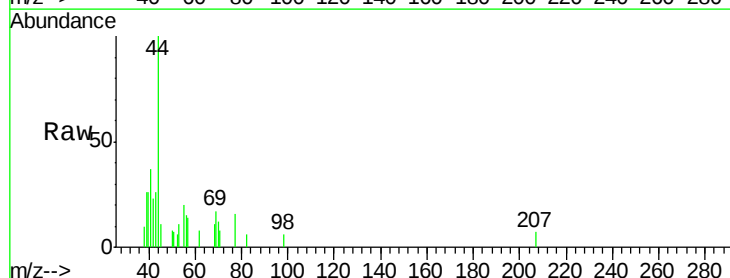
Tgt Ion: 69 Resp: 273

Ion Ratio Lower Upper

69 100

41 90.8 61.0 91.6

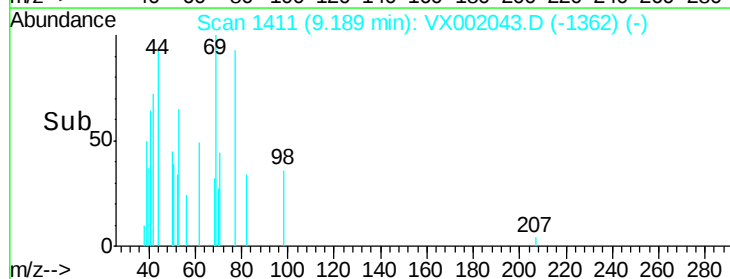
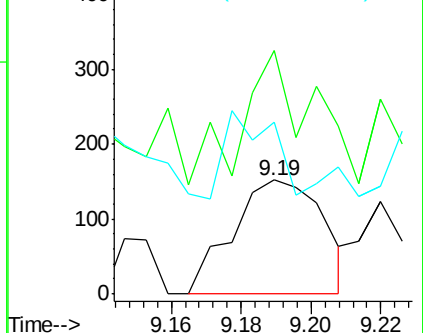
39 44.3 34.4 51.6

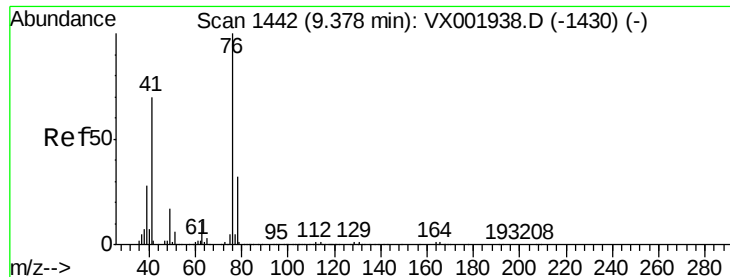


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 0.31 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

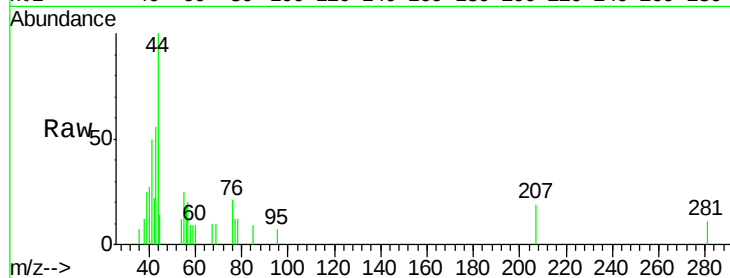
ClientSampled :

Tot Ion: 76 Resp: 153

Ion Ratio Lower Upper

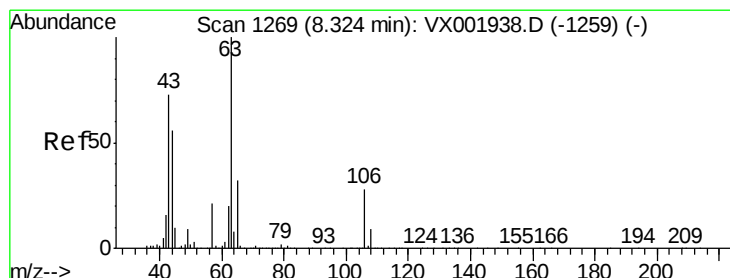
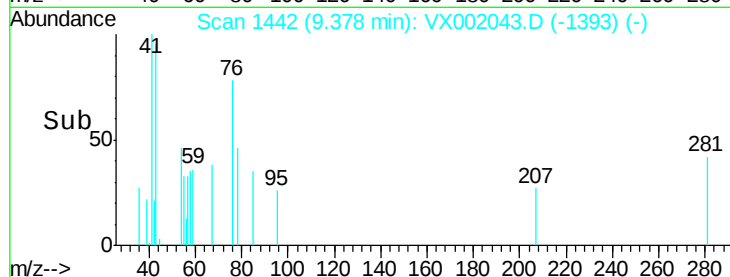
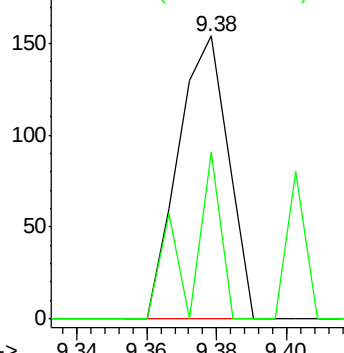
76 100

78 35.3 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 1.31 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002043.D

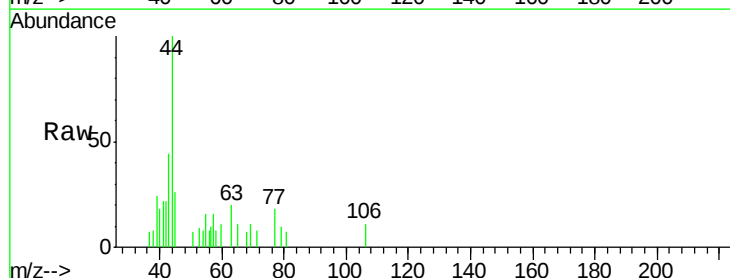
Acq: 27 May 2018 02:58

Tgt Ion: 63 Resp: 298

Ion Ratio Lower Upper

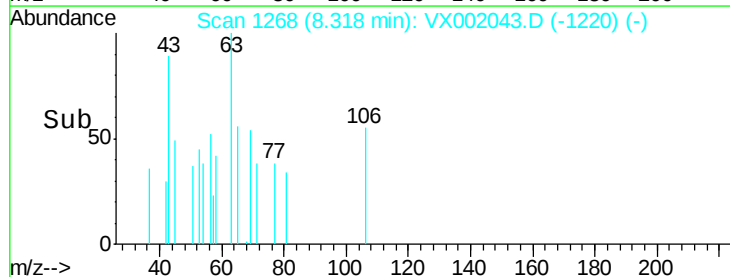
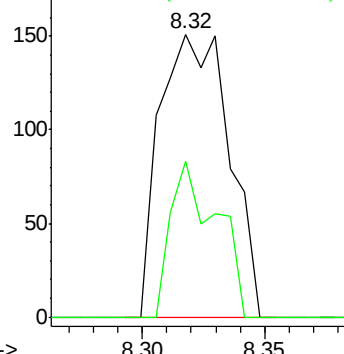
63 100

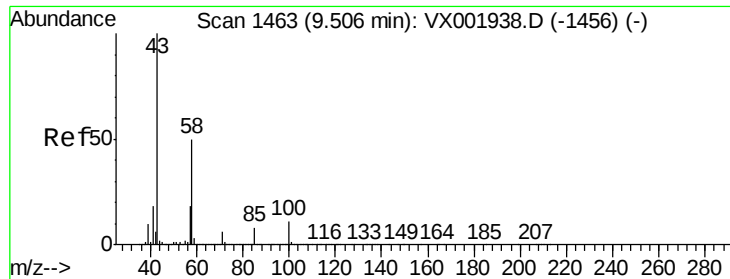
106 36.6 21.7 32.5#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

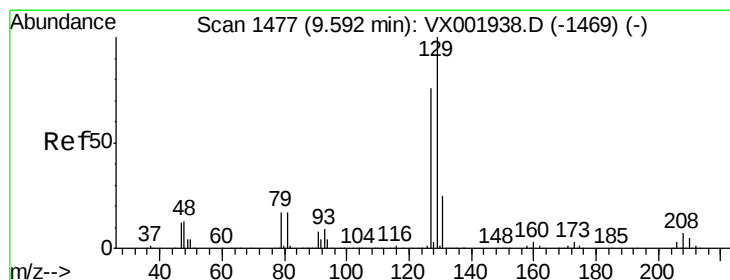
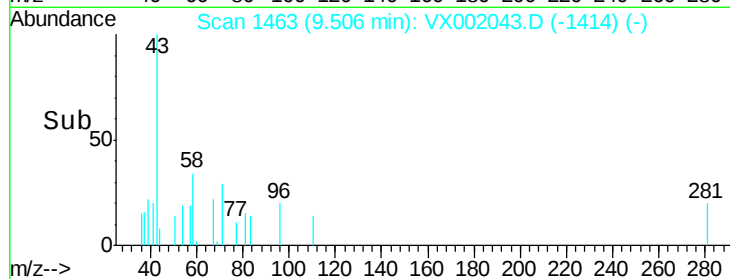
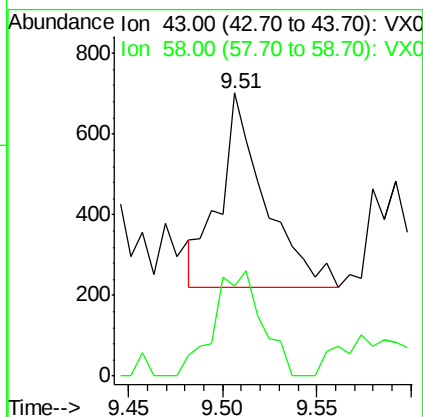
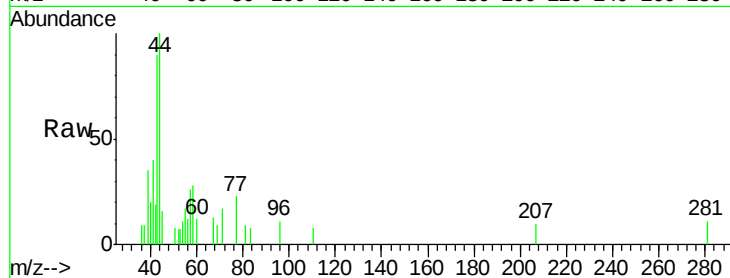




#59
2-Hexanone
Concen: 2.09 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX002043.D
Acq: 27 May 2018 02:58

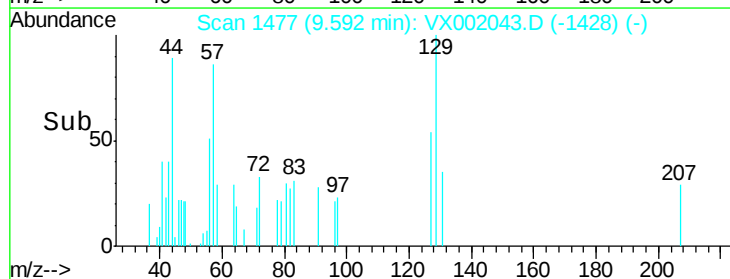
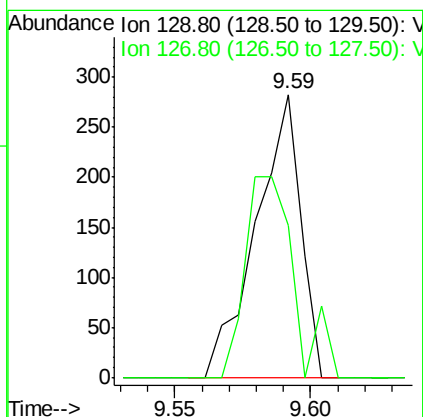
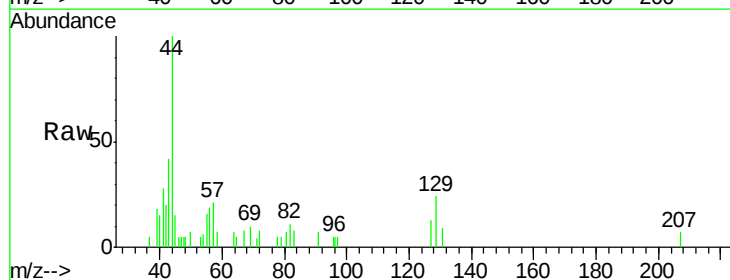
Instrument :
MSVOA_X
ClientSampleId :

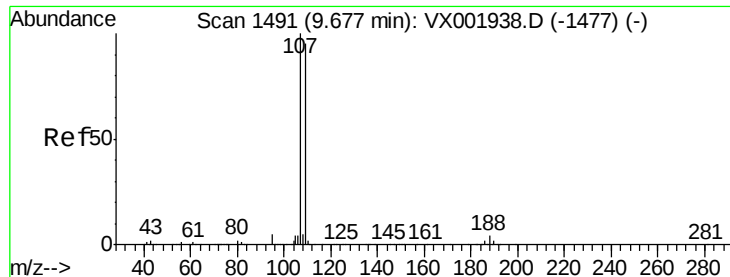
Tot Ion: 43 Resp: 809
Ion Ratio Lower Upper
43 100
58 57.4 24.9 74.6



#60
Dibromochloromethane
Concen: 0.91 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX002043.D
Acq: 27 May 2018 02:58

Tgt Ion: 129 Resp: 322
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.9





#61

1,2-Dibromoethane

Concen: 0.63 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

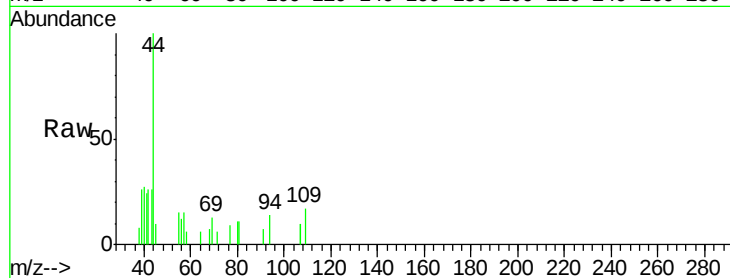
ClientSampleId :

Tot Ion:107 Resp: 197

Ion Ratio Lower Upper

107 100

109 106.1 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

150

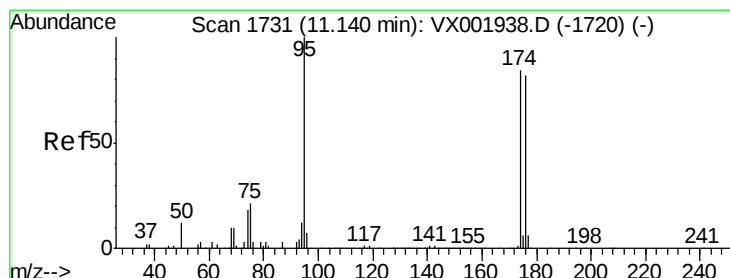
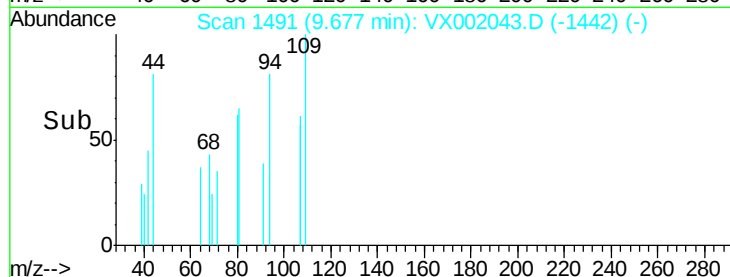
100

50

0

9.64 9.66 9.68 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 58.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

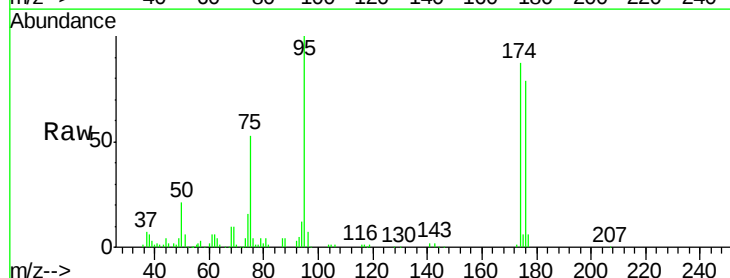
Tgt Ion: 95 Resp: 22964

Ion Ratio Lower Upper

95 100

174 90.7 0.0 178.8

176 86.7 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

11.14

20000

15000

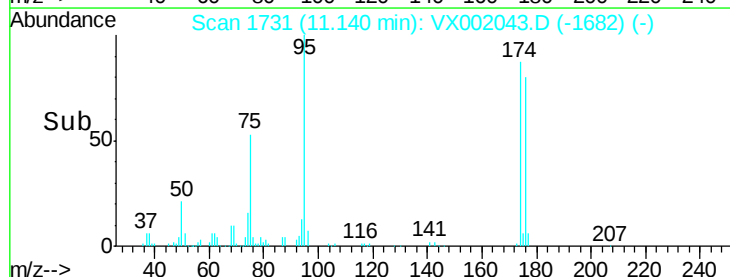
10000

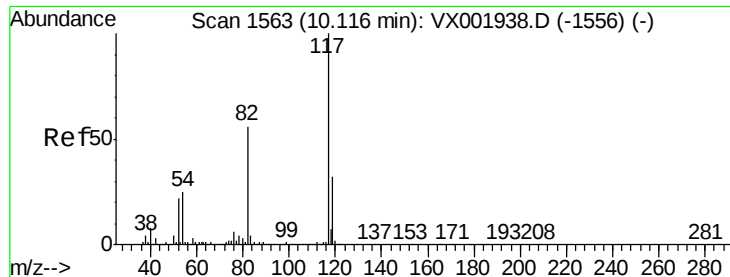
5000

0

11.10 11.20

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

ClientSampleId :

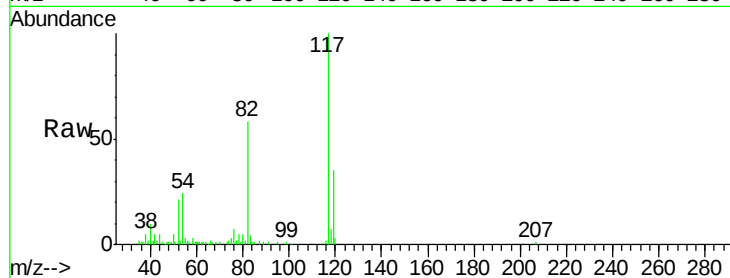
Tot Ion:117 Resp: 19327

Ion Ratio Lower Upper

117 100

82 58.0 44.8 67.2

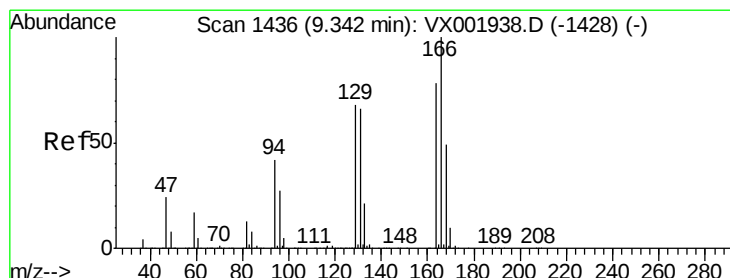
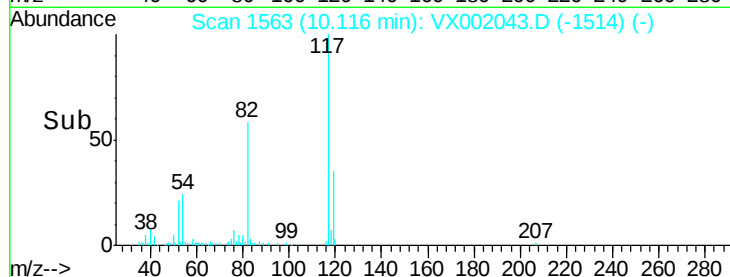
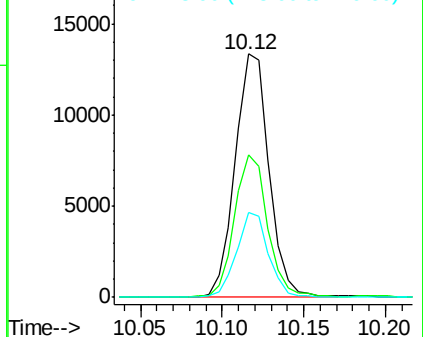
119 35.0 25.5 38.3



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: 1.71 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Tgt Ion:164 Resp: 474

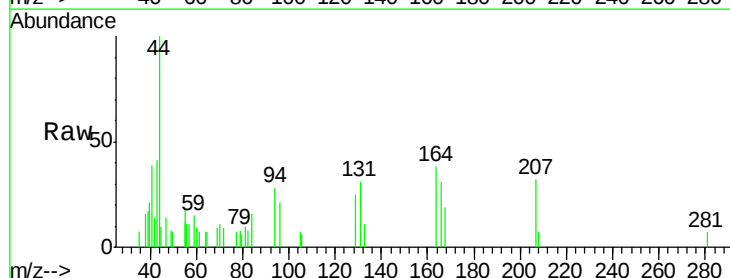
Ion Ratio Lower Upper

164 100

166 82.4 102.7 154.1#

129 66.0 70.3 105.5#

131 80.9 68.2 102.4

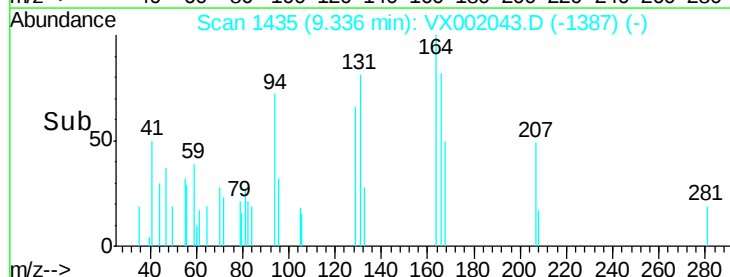
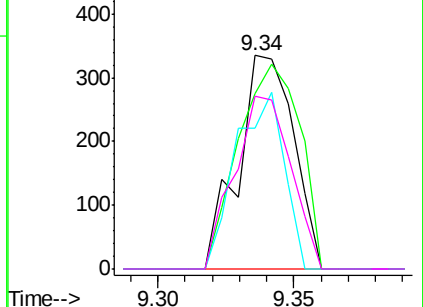


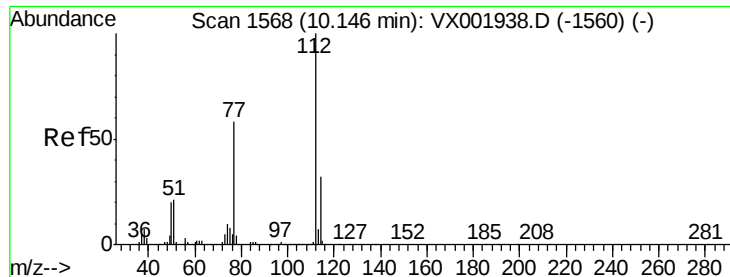
Abundance Ion 163.80 (163.50 to 164.50): V

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: 1.30 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

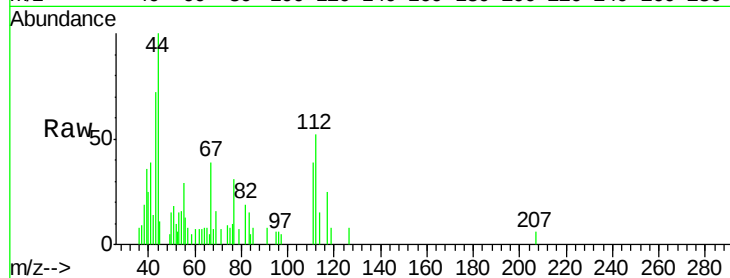
ClientSampleId :

Tot Ion:112 Resp: 796

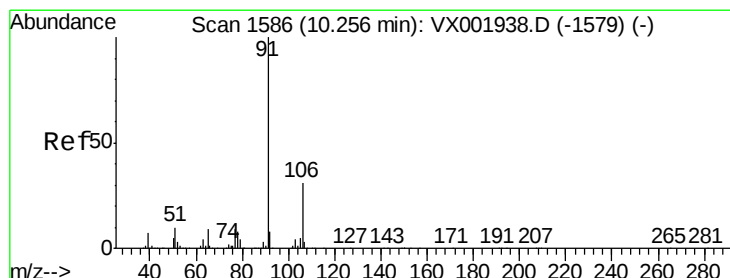
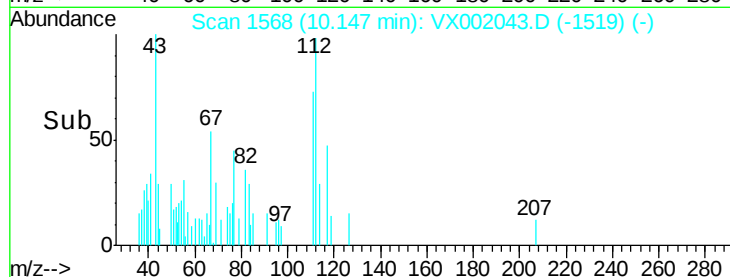
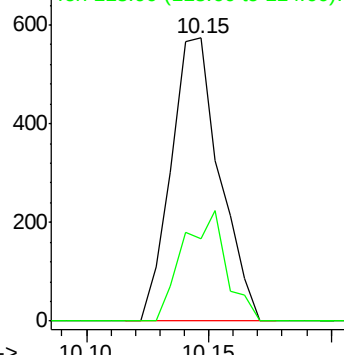
Ion Ratio Lower Upper

112 100

114 29.3 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V



#67

Ethyl Benzene

Concen: 1.39 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002043.D

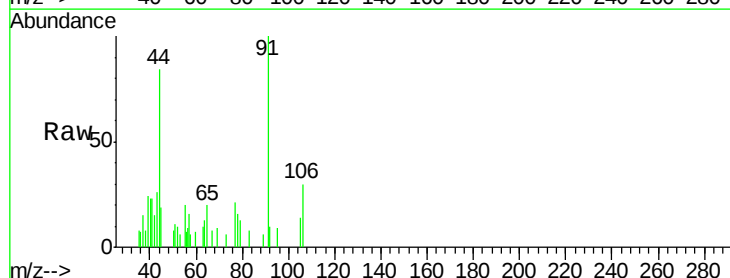
Acq: 27 May 2018 02:58

Tgt Ion: 91 Resp: 1482

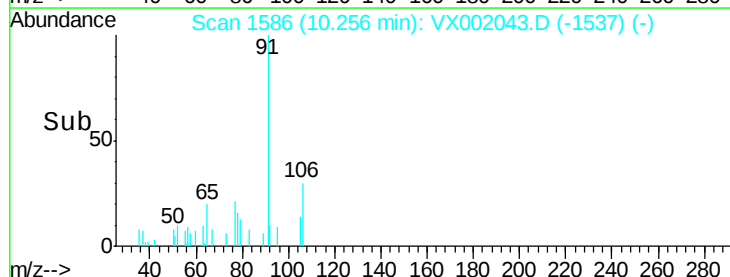
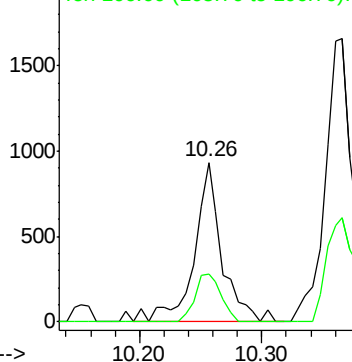
Ion Ratio Lower Upper

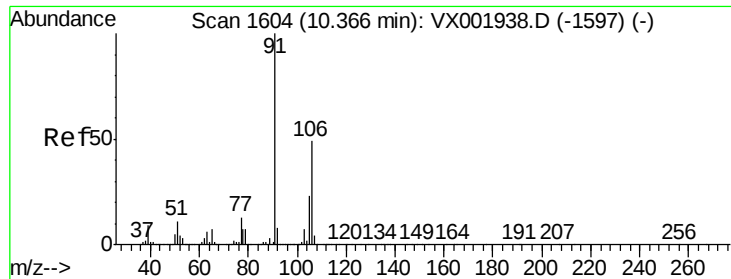
91 100

106 30.1 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

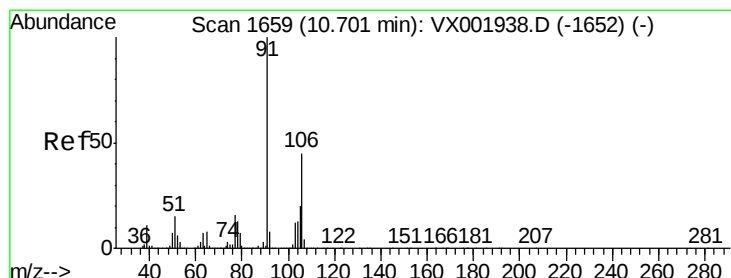
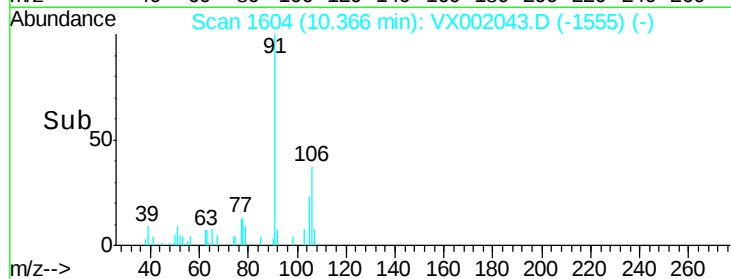
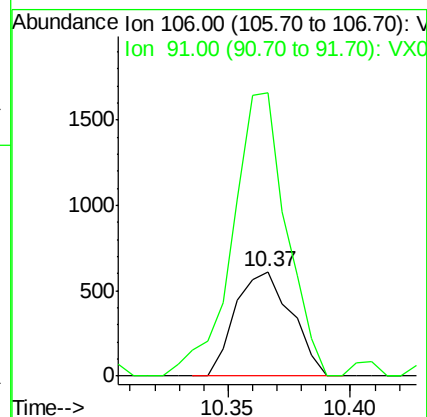
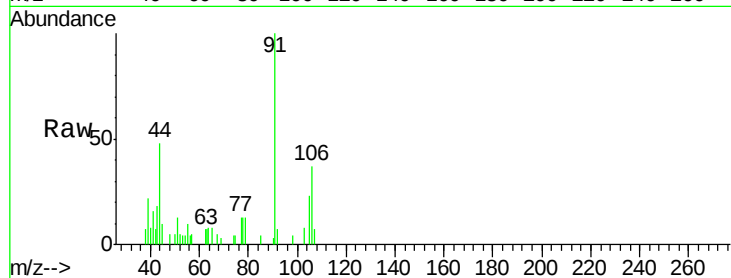




#68
m/p-Xvlenes
Concen: 2.40 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX002043.D
Acq: 27 May 2018 02:58

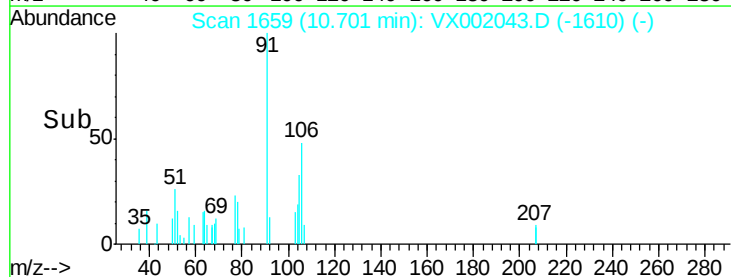
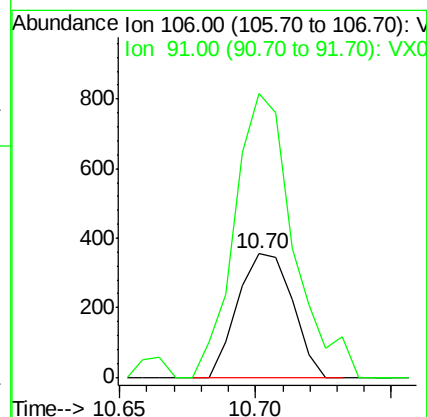
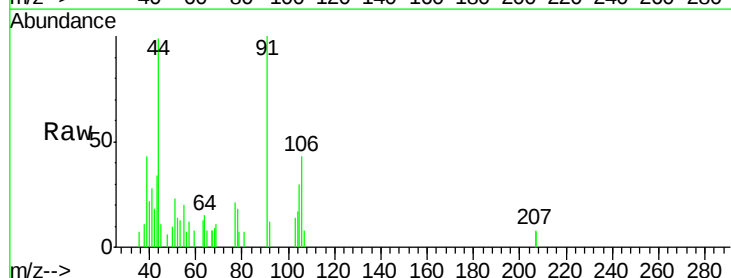
Instrument :
MSVOA_X
ClientSampleId :

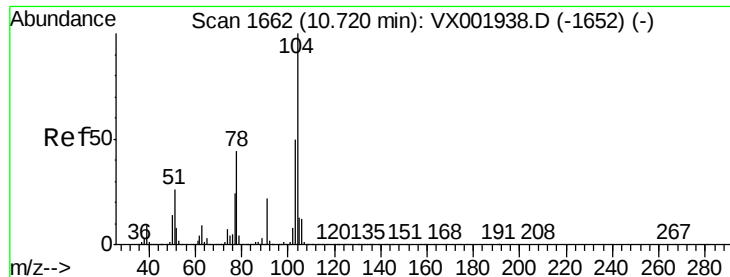
Tot Ion:106 Resp: 978
Ion Ratio Lower Upper
106 100
91 260.5 165.0 247.6#



#69
o-Xylene
Concen: 1.22 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002043.D
Acq: 27 May 2018 02:58

Tgt Ion:106 Resp: 494
Ion Ratio Lower Upper
106 100
91 247.4 108.7 325.9





#70

Stvrene

Concen: 1.13 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. -0.01 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

ClientSampleId :

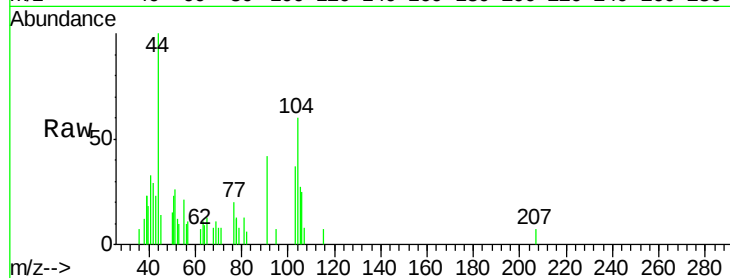
Tot Ion:104 Resp: 759

Ion Ratio Lower Upper

104 100

78 49.4 41.8 62.6

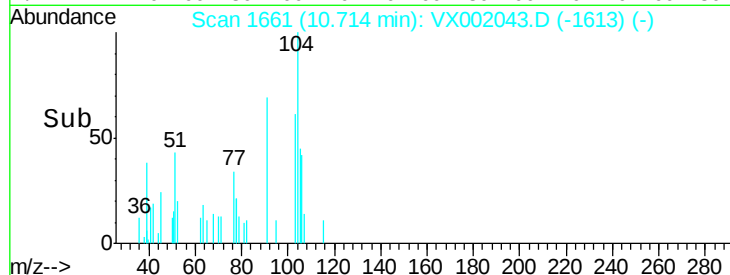
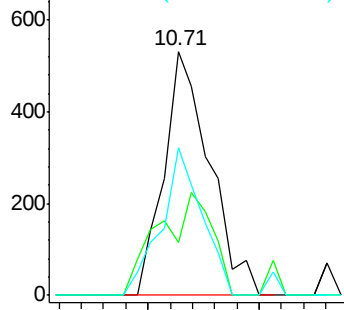
103 54.3 44.6 67.0



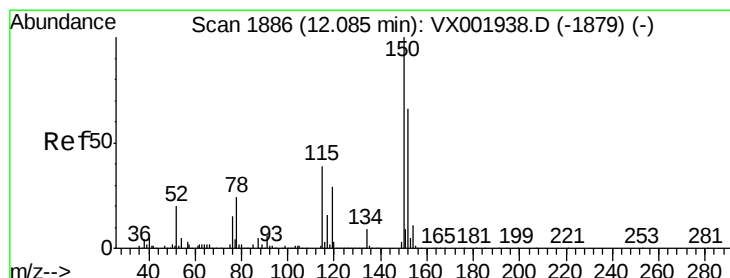
Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

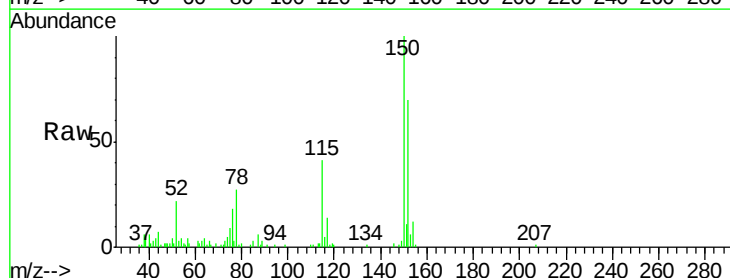
Tgt Ion:152 Resp: 8141

Ion Ratio Lower Upper

152 100

115 54.8 42.3 126.8

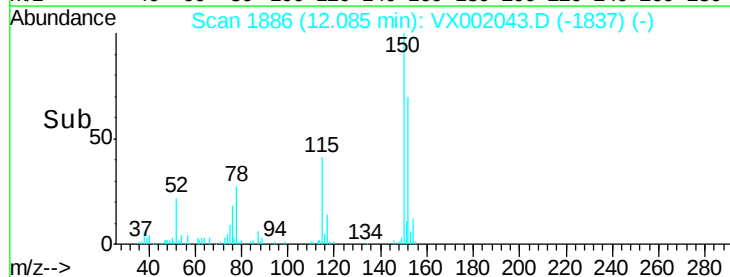
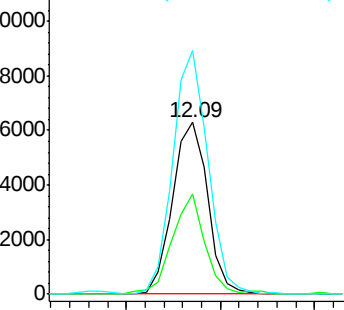
150 141.8 0.0 351.0

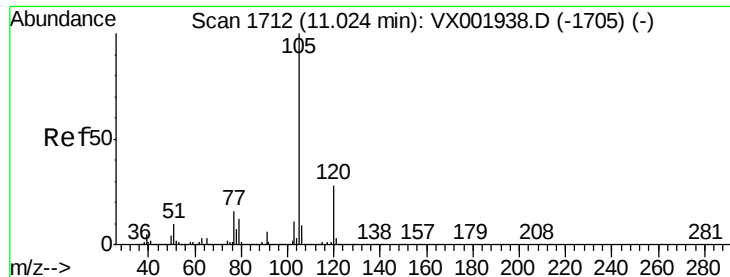


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.67 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

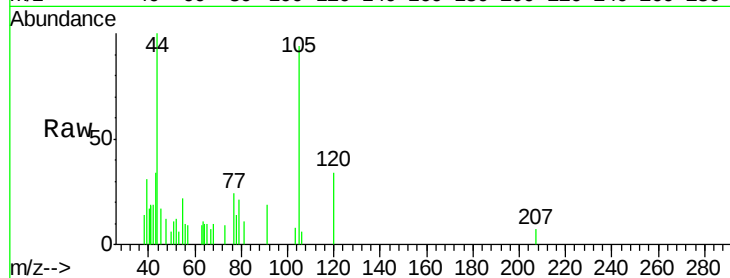
ClientSampled :

Tot Ion:105 Resp: 1152

Ion Ratio Lower Upper

105 100

120 24.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

800

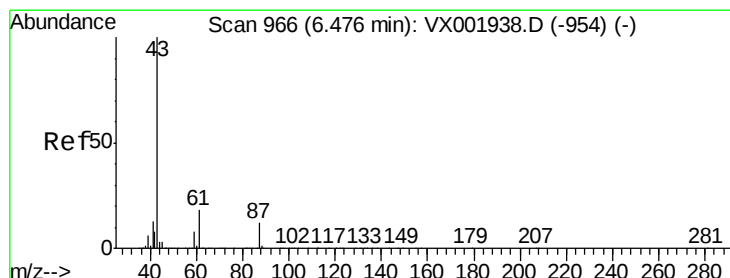
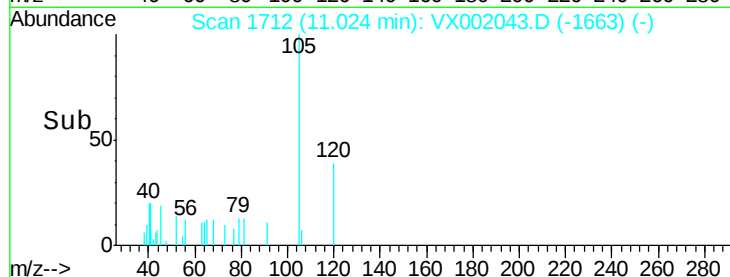
600

400

200

0

Time--> 10.95 11.00 11.05



#74

N-ethyl acetate

Concen: Below Cal

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Tgt Ion: 43 Resp: 319

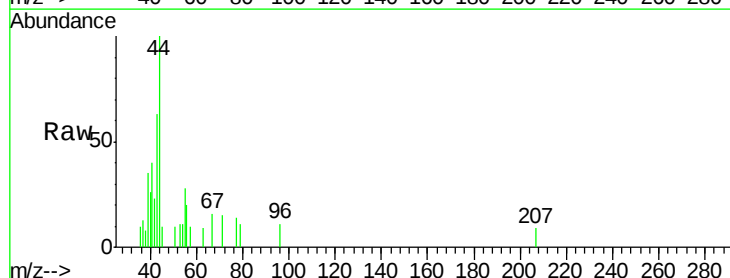
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 20.1 0.1 0.1#

61 7.2 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

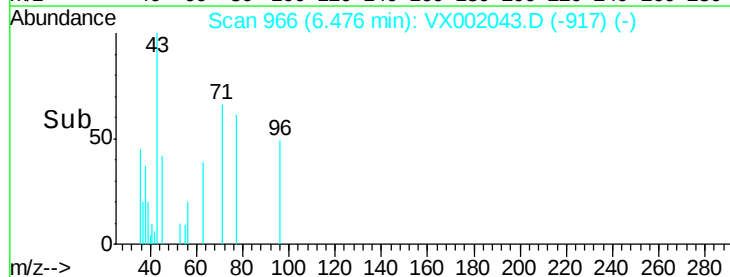
600

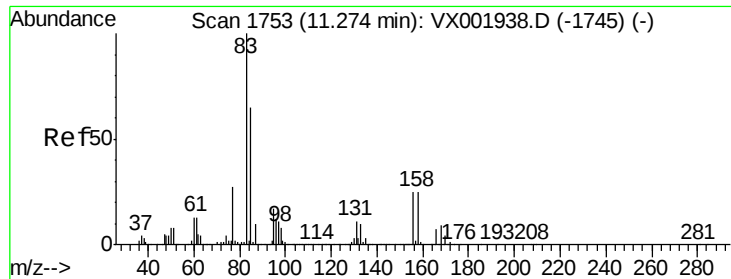
400

200

0

Time--> 6.44 6.46 6.48 6.50





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

ClientSampled :

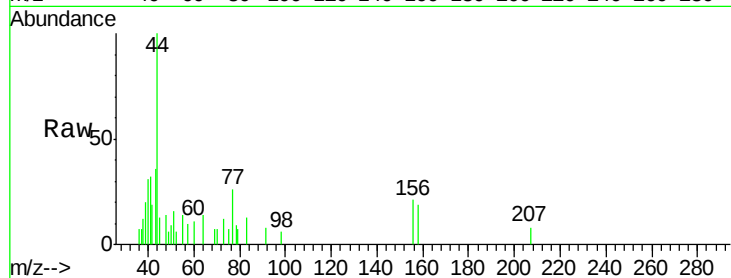
Tot Ion: 83 Resp: 176

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.0#

85 49.4 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

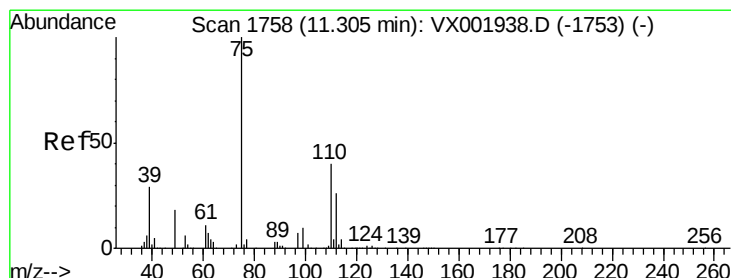
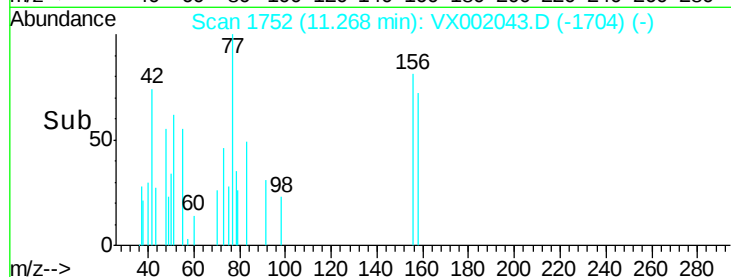
Ion 84.90 (84.60 to 85.60): VX0

11.27

11.25

11.30

Time-->



#76

1,2,3-Trichloropropane

Concen: 61.42 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002043.D

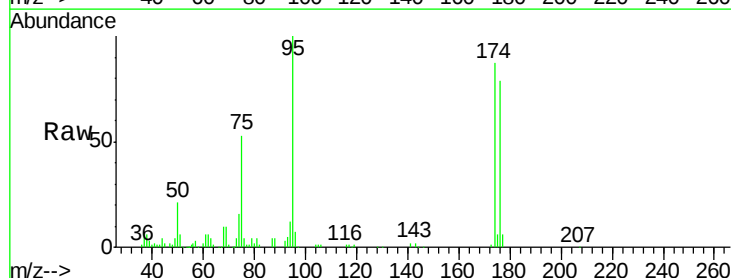
Acq: 27 May 2018 02:58

Tgt Ion: 75 Resp: 12010

Ion Ratio Lower Upper

75 100

77 1.5 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

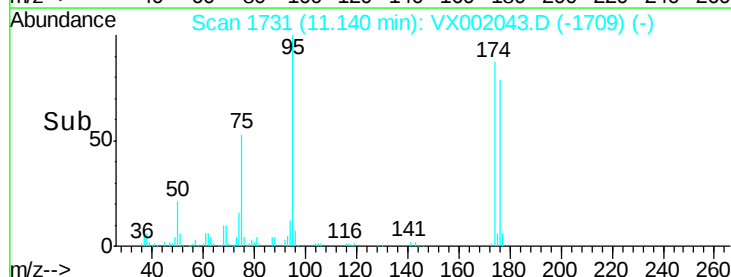
11.14

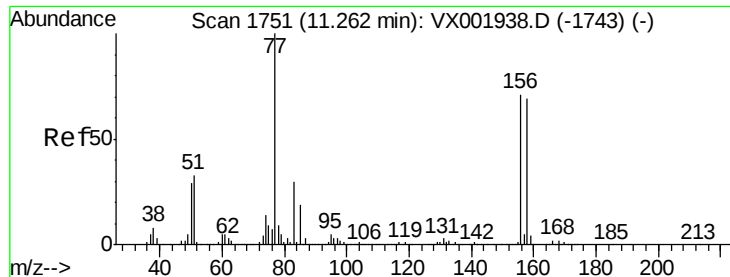
11.10

11.15

11.20

Time-->





#77

Bromobenzene

Concen: 1.93 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

ClientSampled :

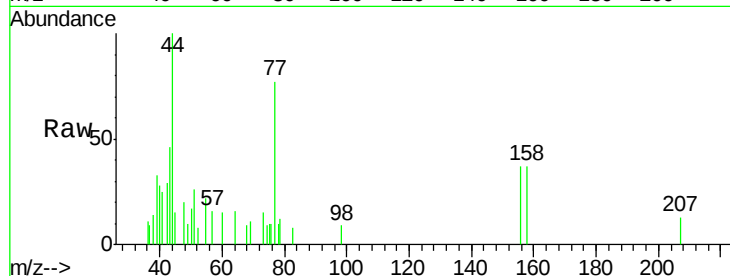
Tot Ion:156 Resp: 353

Ion Ratio Lower Upper

156 100

77 231.4 75.2 225.6#

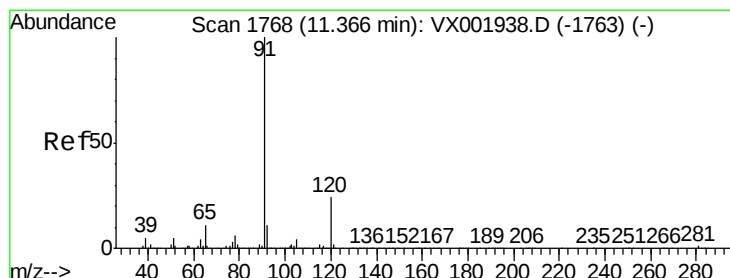
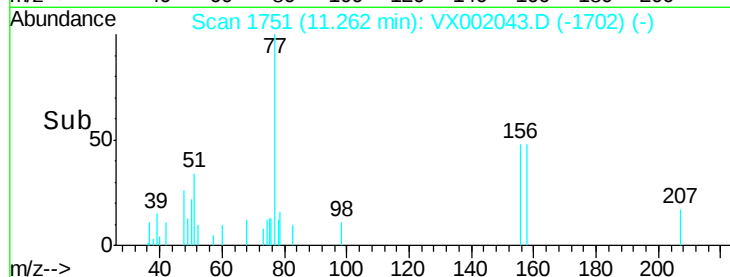
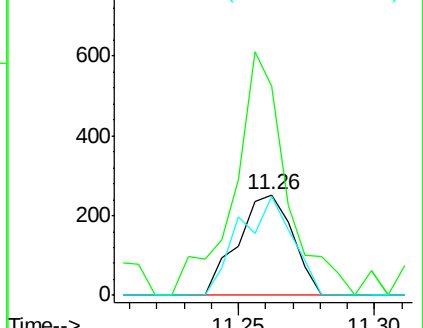
158 95.5 48.6 145.8



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: 2.28 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002043.D

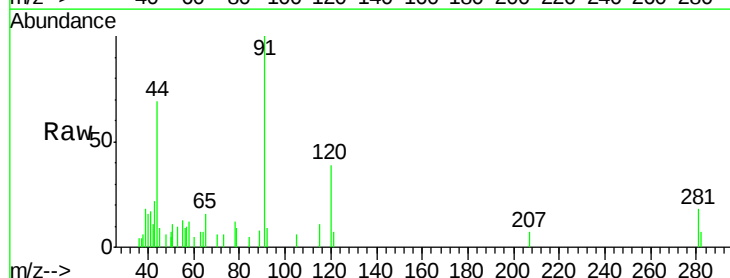
Acq: 27 May 2018 02:58

Tgt Ion: 91 Resp: 1762

Ion Ratio Lower Upper

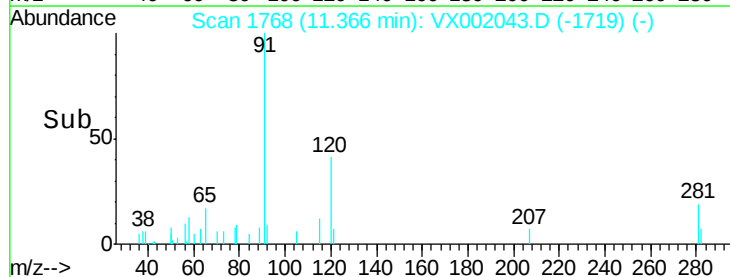
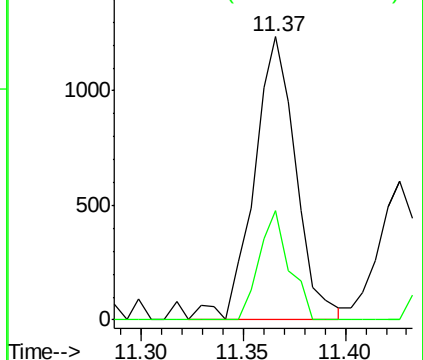
91 100

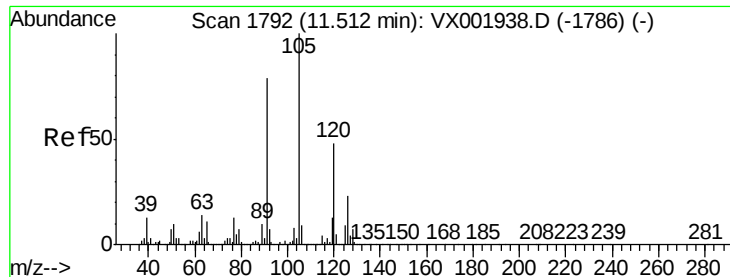
120 28.0 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 2.26 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

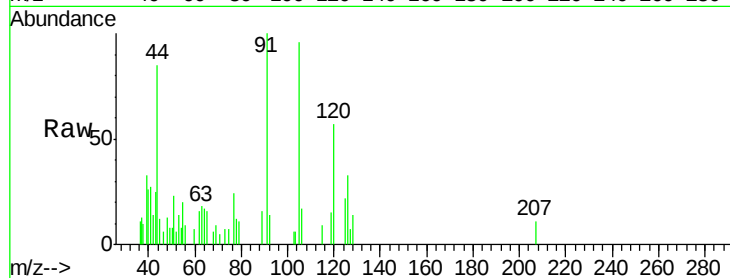
ClientSampled :

Tot Ion:105 Resp: 1329

Ion Ratio Lower Upper

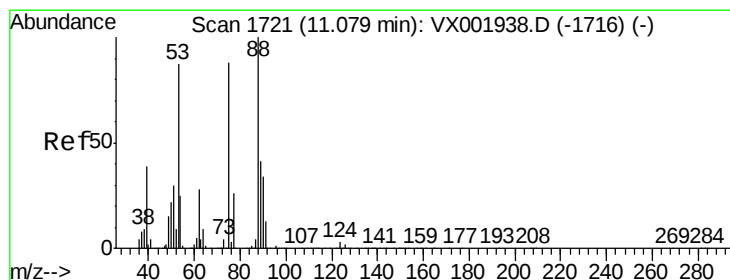
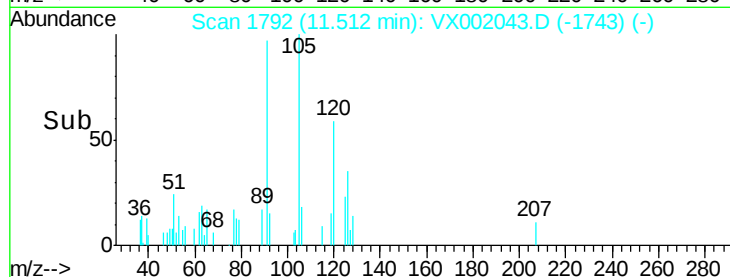
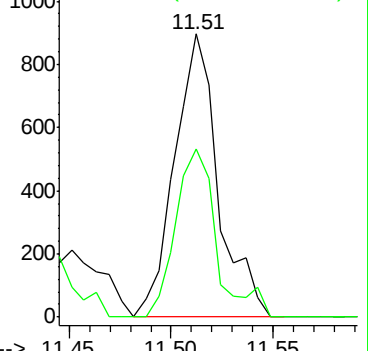
105 100

120 55.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 147.62 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

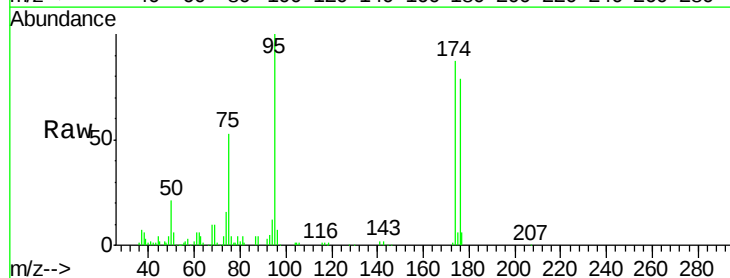
Tgt Ion: 75 Resp: 12010

Ion Ratio Lower Upper

75 100

53 0.9 78.0 117.0#

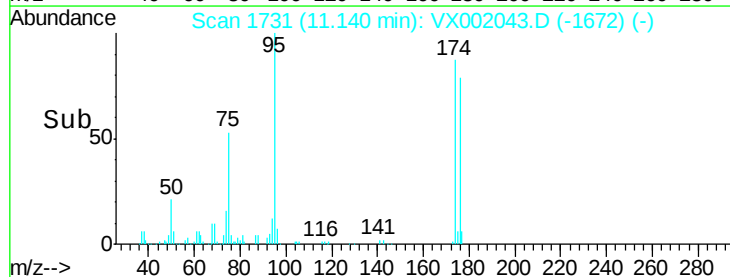
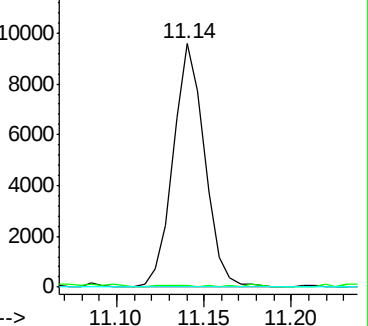
89 0.0 39.4 59.2#

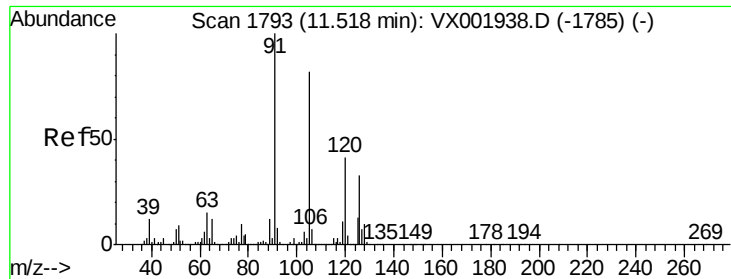


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

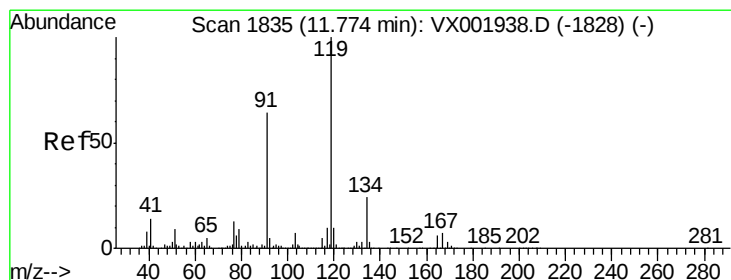
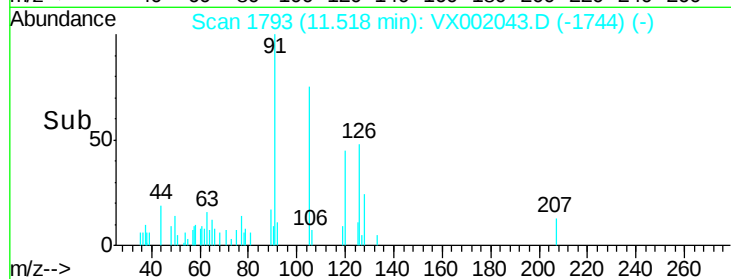
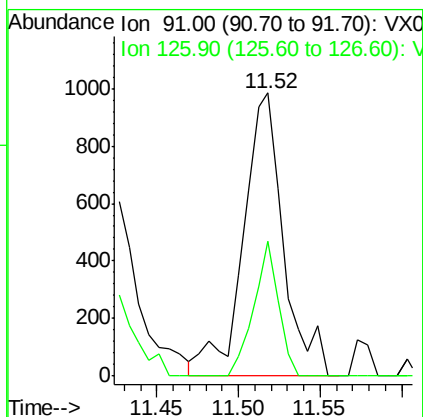
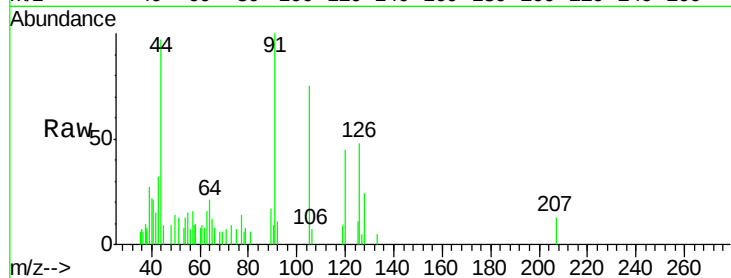




#82
4-Chlorotoluene
Concen: 3.09 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX002043.D
Acq: 27 May 2018 02:58

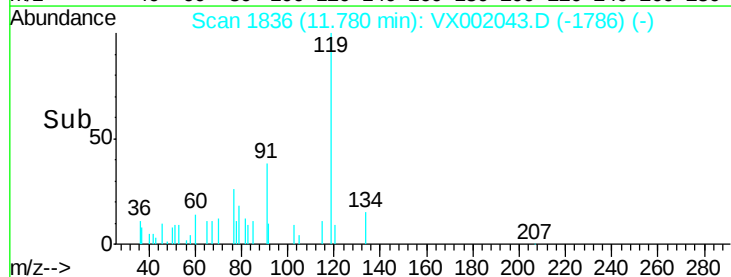
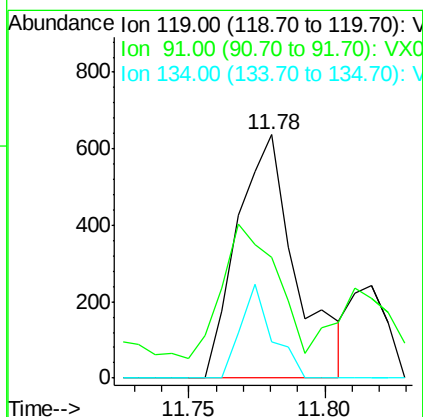
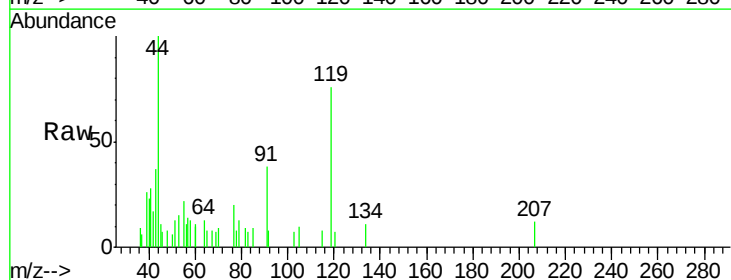
Instrument :
MSVOA_X
ClientSampled :

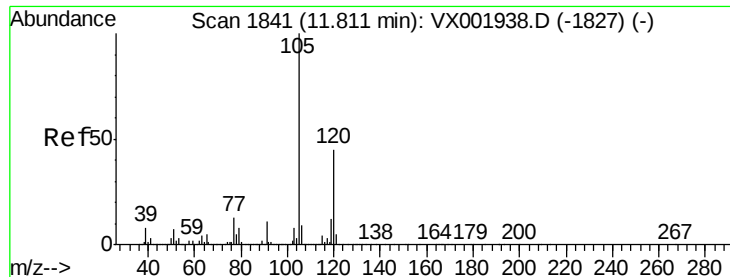
Tot Ion: 91 Resp: 1685
Ion Ratio Lower Upper
91 100
126 29.5 15.3 45.8



#83
tert-Butylbenzene
Concen: 1.65 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. 0.01 min
Lab File: VX002043.D
Acq: 27 May 2018 02:58

Tgt Ion: 119 Resp: 952
Ion Ratio Lower Upper
119 100
91 64.5 30.6 91.8
134 20.7 11.7 35.0

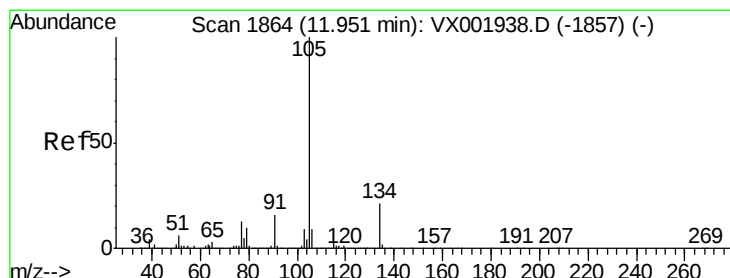
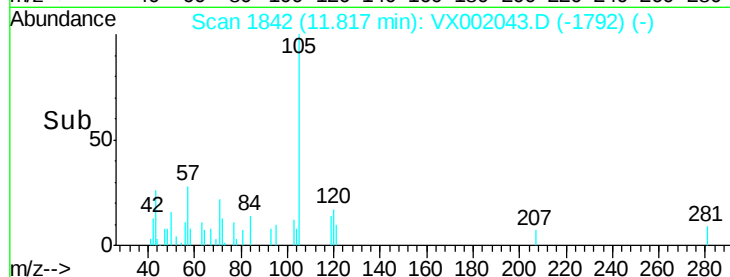
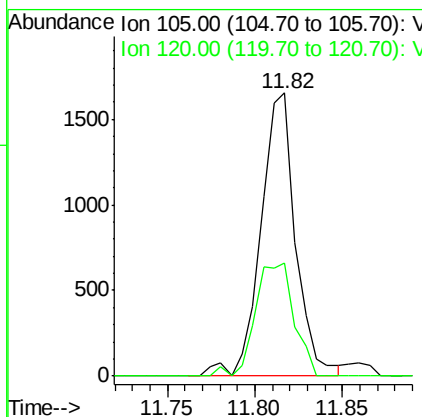
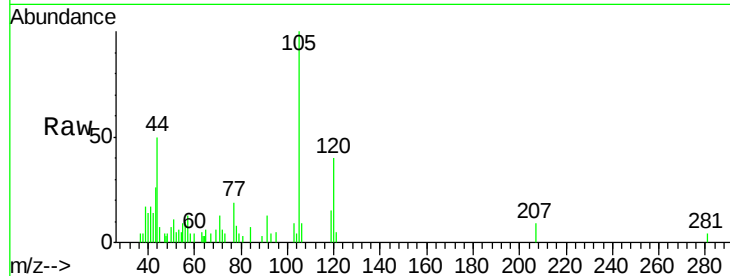




#84
 1,2,4-Trimethylbenzene
 Concen: 3.80 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX002043.D
 Acq: 27 May 2018 02:58

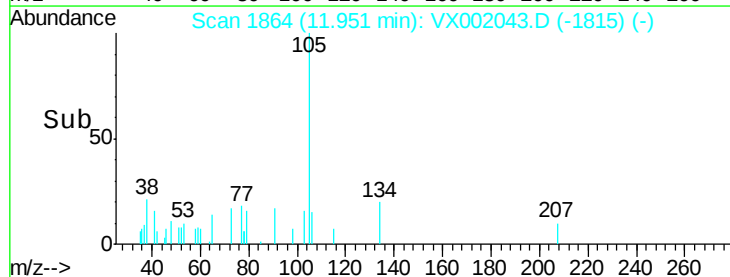
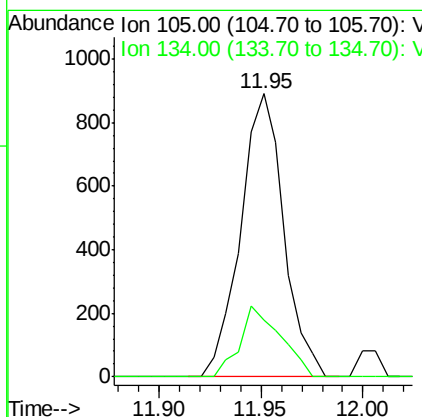
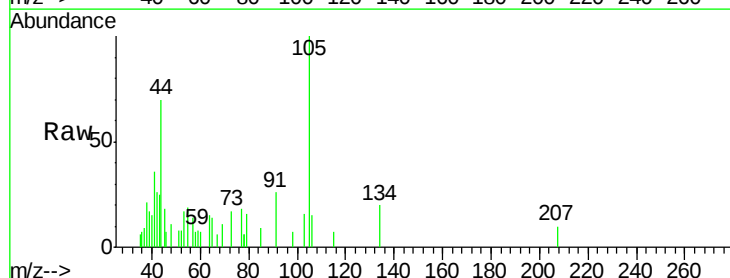
Instrument :
 MSVOA_X
 ClientSampleId :

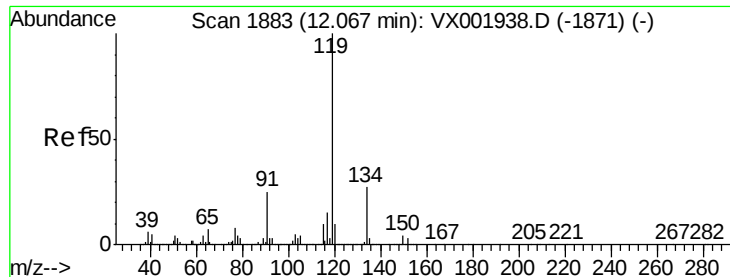
Tot Ion:105 Resp: 2315
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 1.88 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX002043.D
 Acq: 27 May 2018 02:58

Tgt Ion:105 Resp: 1309
 Ion Ratio Lower Upper
 105 100
 134 23.5 10.4 31.4





#86

p-Isopropyltoluene

Concen: 1.88 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002043.D

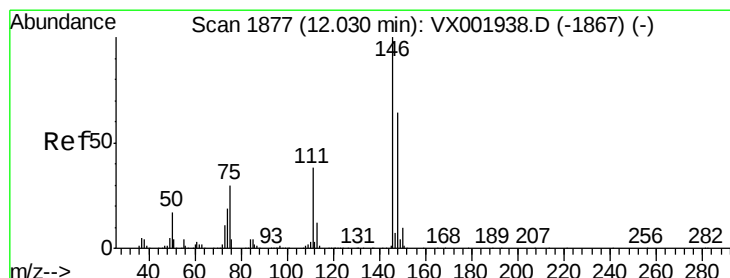
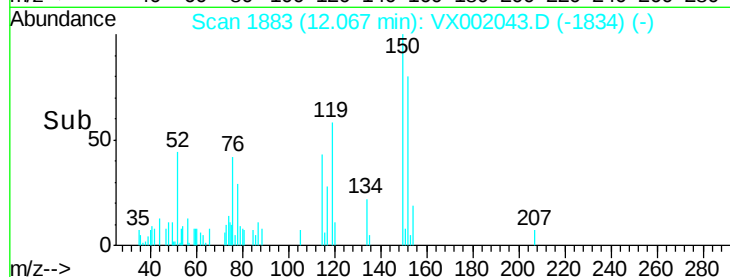
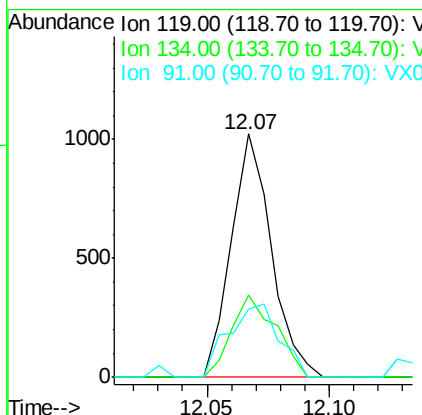
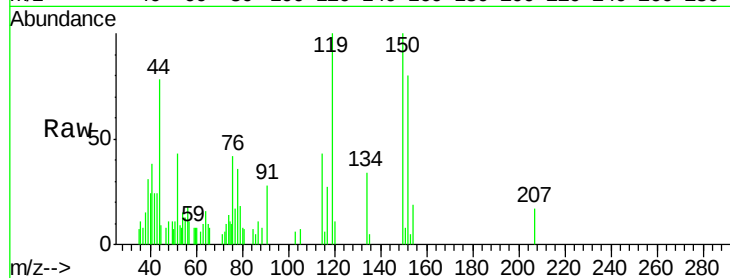
Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:119	Resp:	1169
Ion Ratio	Lower	Upper
119	100	
134	37.0	13.6 40.8
91	38.2	12.2 36.4



#87

1,3-Dichlorobenzene

Concen: 3.22 ug/l

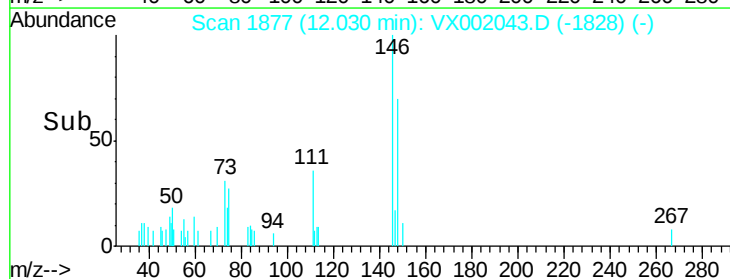
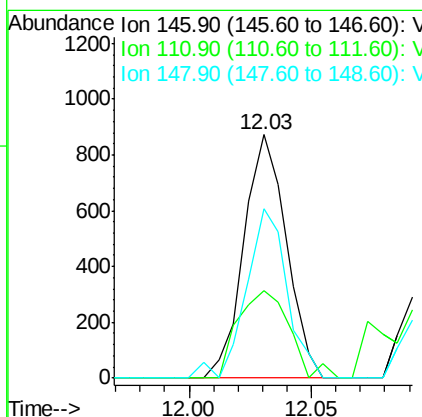
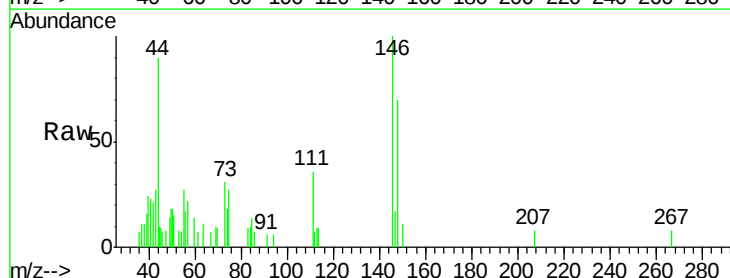
RT: 12.03 min Scan# 1877

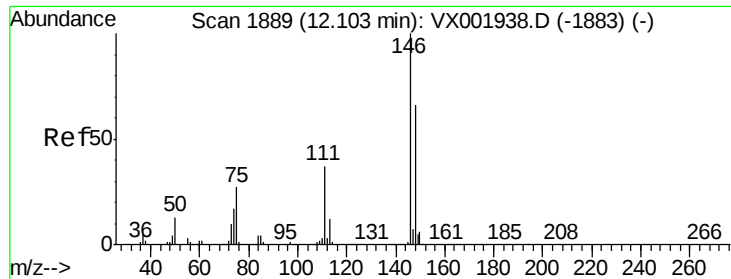
Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Tgt Ion:146	Resp:	1054
Ion Ratio	Lower	Upper
146	100	
111	43.3	19.3 57.8
148	66.8	32.1 96.3

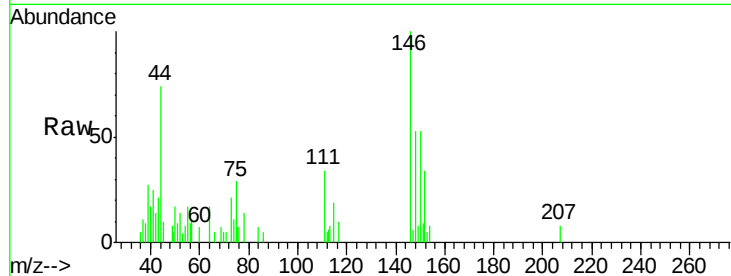




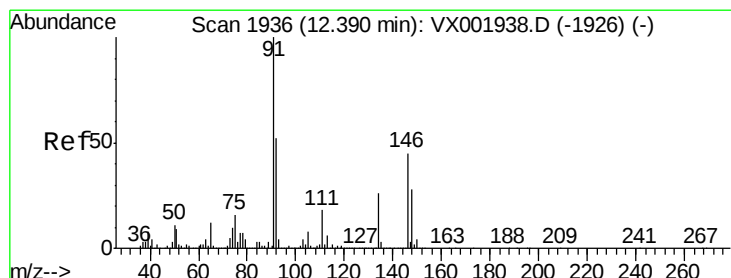
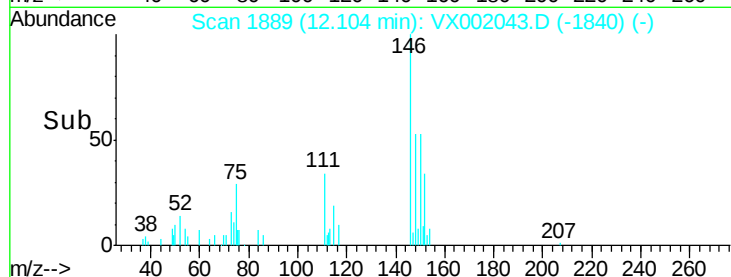
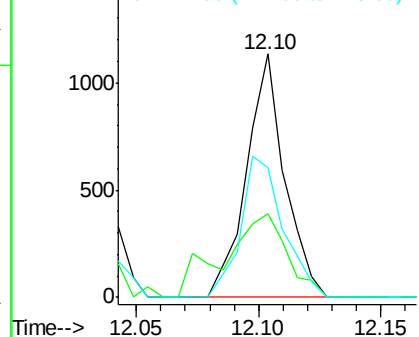
#88
 1,4-Dichlorobenzene
 Concen: 3.77 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002043.D
 Acq: 27 May 2018 02:58

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	56.2	18.9	56.5
148	64.1	32.3	96.8

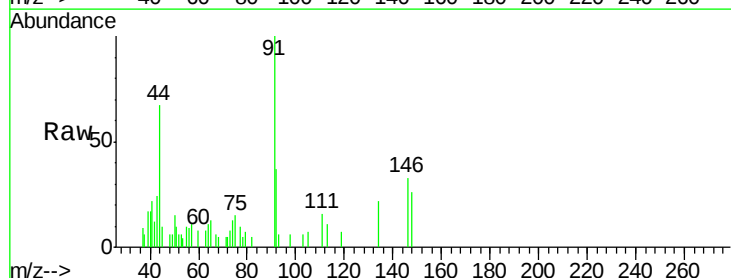


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

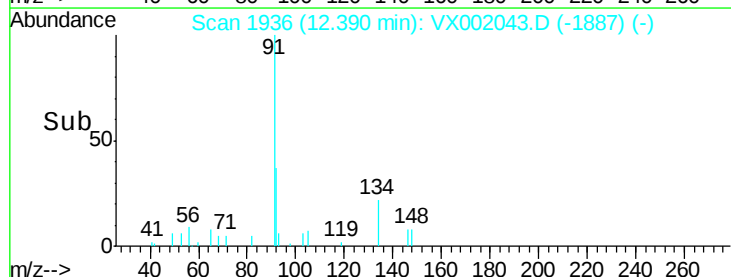
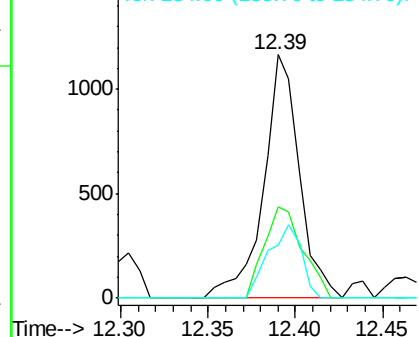


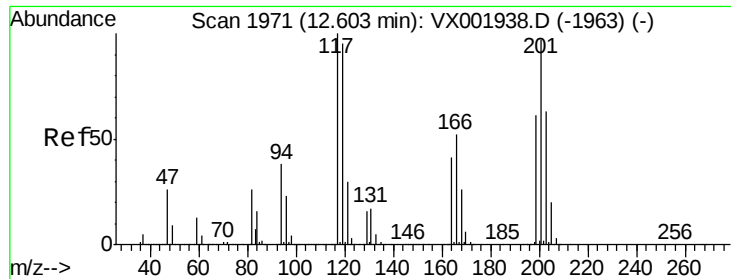
#89
 n-Butylbenzene
 Concen: 3.15 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX002043.D
 Acq: 27 May 2018 02:58

Tgt Ion	Ratio	Lower	Upper
91	100		
92	40.3	26.3	78.9
134	27.5	13.6	40.7



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





#90

Hexachloroethane

Concen: 0.84 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

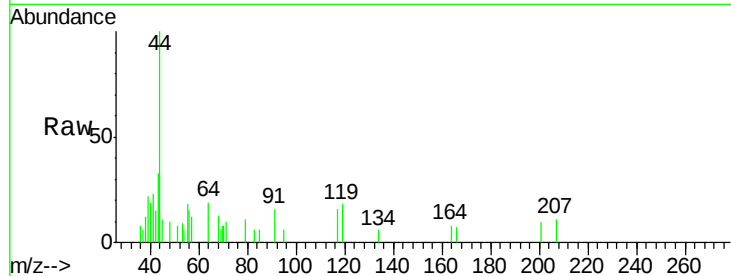
ClientSampleId :

Tot Ion:117 Resp: 103

Ion Ratio Lower Upper

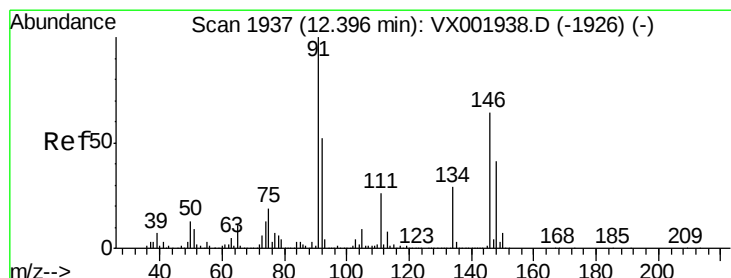
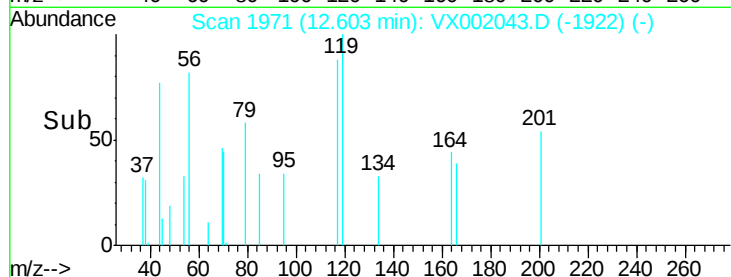
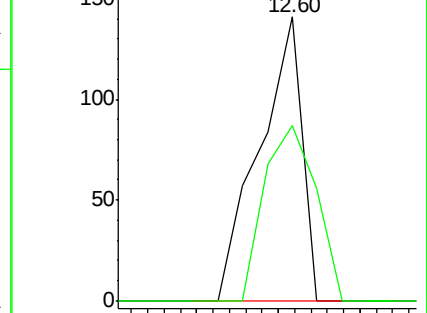
117 100

201 74.8 48.0 144.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 2.34 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

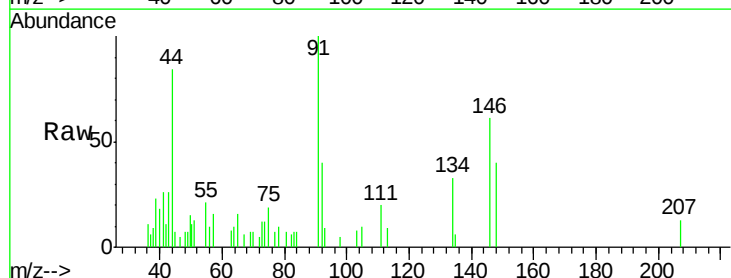
Tgt Ion:146 Resp: 782

Ion Ratio Lower Upper

146 100

111 36.2 19.8 59.3

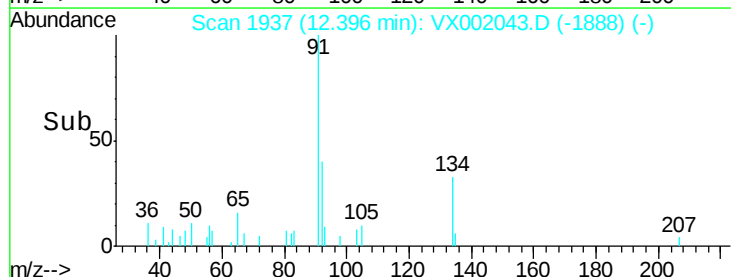
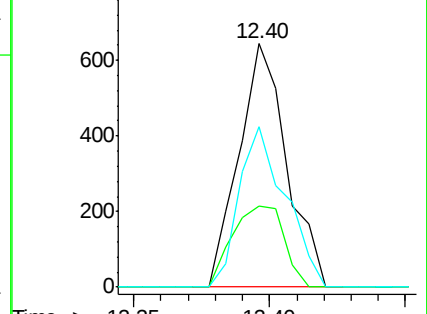
148 64.2 32.1 96.5

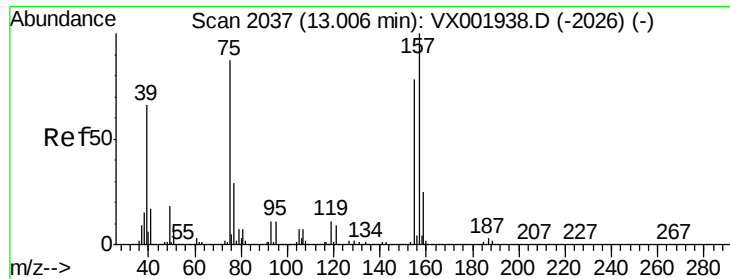


Abundance Ion 145.90 (145.60 to 146.60): V

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: 0.57 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

ClientSampled :

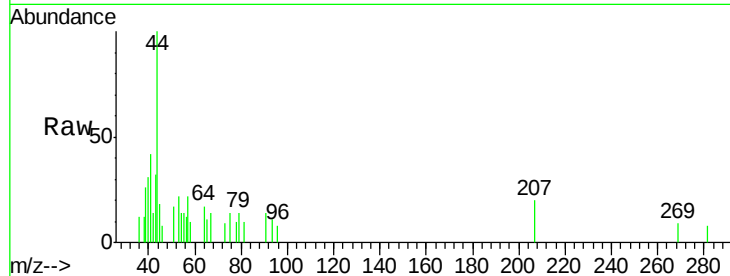
Tot Ion: 75 Resp: 35

Ion Ratio Lower Upper

75 100

155 0.0 45.1 135.2#

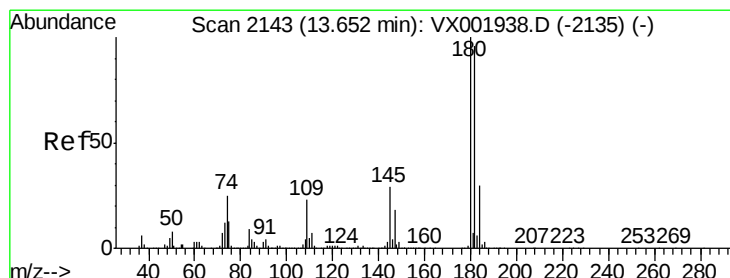
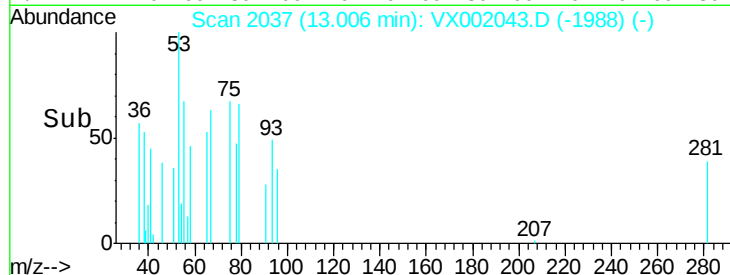
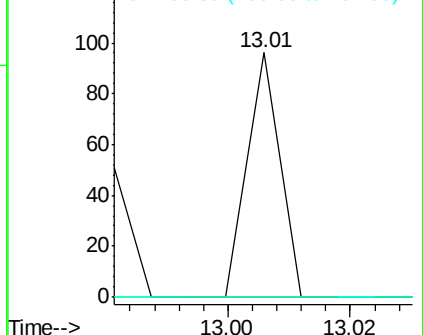
157 0.0 58.1 174.2#



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: 4.99 ug/l

RT: 13.65 min Scan# 2142

Delta R.T. -0.01 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

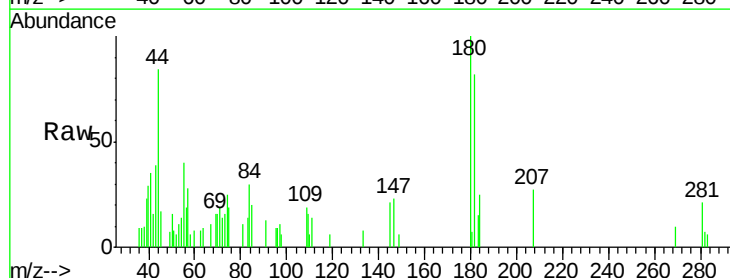
Tgt Ion: 180 Resp: 1191

Ion Ratio Lower Upper

180 100

182 98.8 47.7 143.1

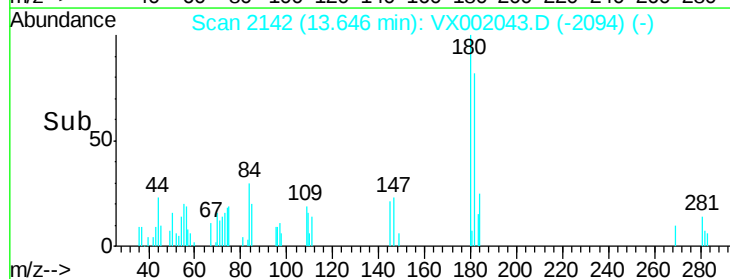
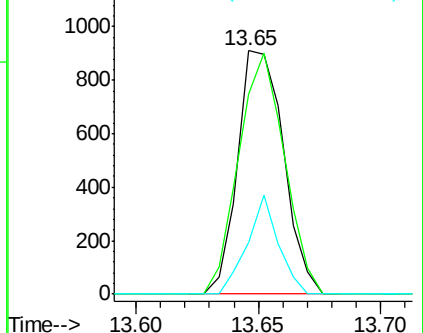
145 27.7 14.4 43.0

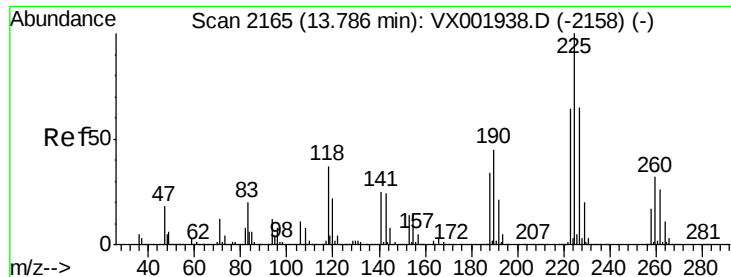


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 1.69 ug/l

RT: 13.79 min Scan# 2166

Delta R.T. 0.01 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

ClientSampleId :

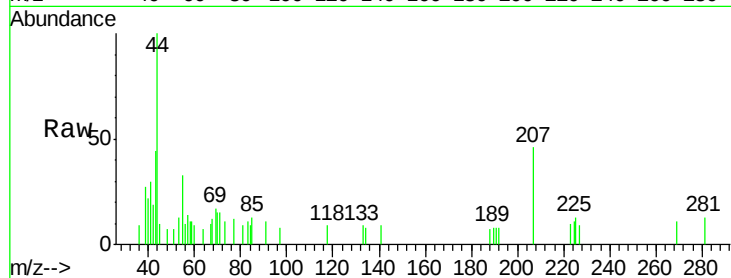
Tot Ion:225 Resp: 217

Ion Ratio Lower Upper

225 100

223 64.1 31.1 93.5

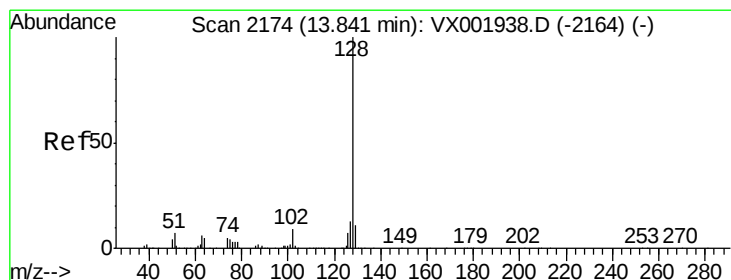
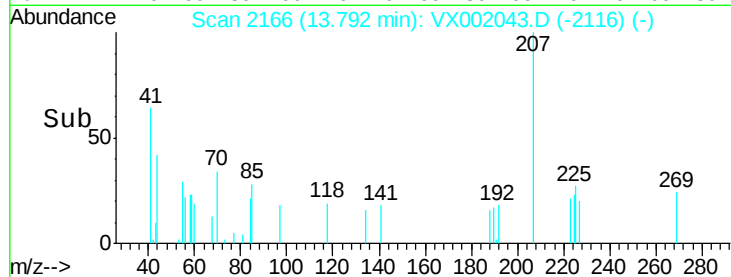
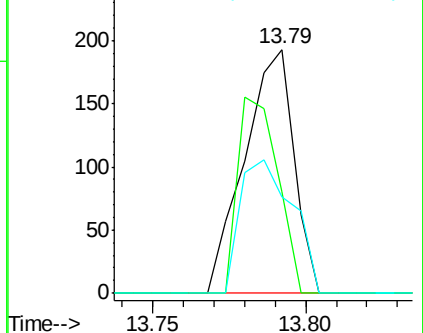
227 57.6 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 139.16 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

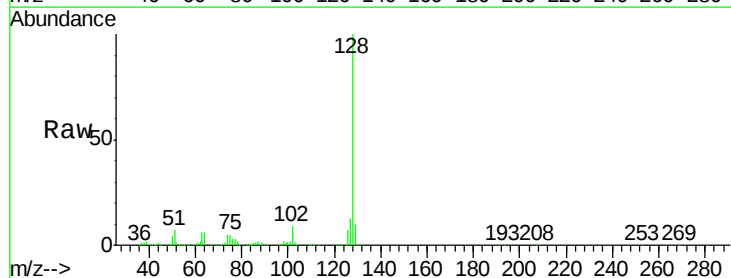
Tgt Ion:128 Resp: 102316

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

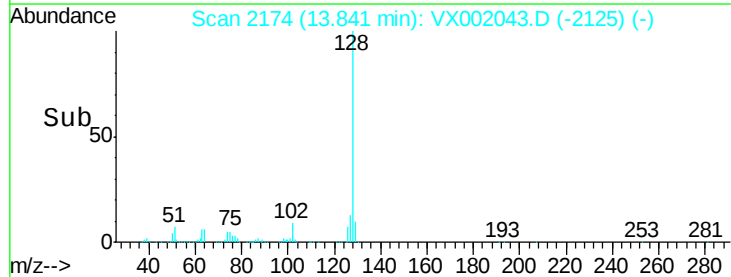
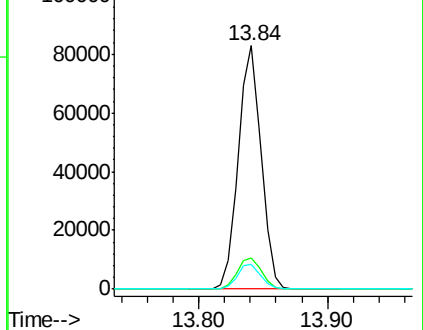
129 10.7 8.8 13.2

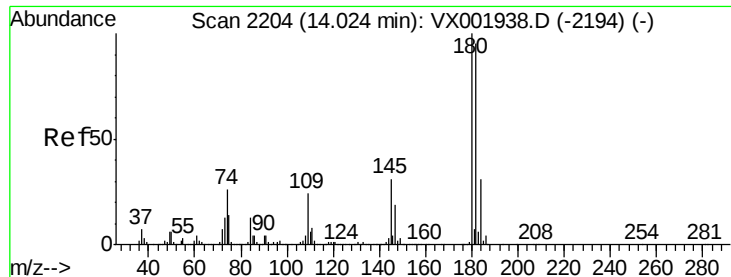


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 4.28 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX002043.D

Acq: 27 May 2018 02:58

Instrument :

MSVOA_X

ClientSampleId :

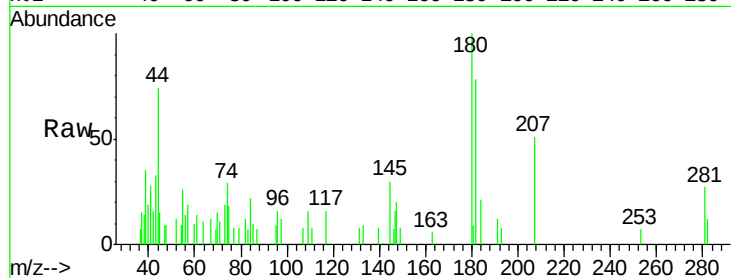
Tot Ion:180 Resp: 1058

Ion Ratio Lower Upper

180 100

182 104.2 47.9 143.6

145 32.6 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

