

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052718\
 Data File : VX002061.D
 Acq On : 27 May 2018 11:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 29 03:14:26 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	244650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	350254	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	334056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	237049	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	202152	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
35) Dibromofluoromethane	5.51	113	160835	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	
50) Toluene-d8	8.72	98	596577	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
62) 4-Bromofluorobenzene	11.14	95	241010	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	130522	42.32	ug/l	98
3) Chloromethane	1.32	50	220880	58.68	ug/l	100
4) Vinyl Chloride	1.41	62	168366	46.32	ug/l	99
5) Bromomethane	1.64	94	79222	47.30	ug/l	97
6) Chloroethane	1.72	64	109766	51.23	ug/l	99
7) Trichlorofluoromethane	1.93	101	271102	49.67	ug/l	99
8) Diethyl Ether	2.19	74	111094	56.10	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	152694	50.13	ug/l	98
10) Methyl Iodide	2.51	142	176185	42.75	ug/l	99
11) Tert butyl alcohol	3.07	59	217776	253.70	ug/l	99
12) 1,1-Dichloroethene	2.37	96	138785	48.67	ug/l	95
13) Acrolein	2.30	56	63532	171.18	ug/l	100
14) Allyl chloride	2.73	41	317639	53.07	ug/l	98
15) Acrylonitrile	3.15	53	460539	260.90	ug/l	99
16) Acetone	2.45	43	460576	272.90	ug/l	100
17) Carbon Disulfide	2.57	76	364584	44.42	ug/l	99
18) Methyl Acetate	2.78	43	239391	59.09	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	585586	54.60	ug/l	99
20) Methylene Chloride	2.86	84	295199	102.78	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	151409	54.69	ug/l	98
22) Diisopropyl ether	3.87	45	611224	50.20	ug/l	97
23) Vinyl Acetate	3.82	43	2709671	268.42	ug/l	99
24) 1,1-Dichloroethane	3.70	63	315068	54.48	ug/l	100
25) 2-Butanone	4.71	43	678397	219.31	ug/l	98
26) 2,2-Dichloropropane	4.59	77	255917	43.72	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	172001	46.26	ug/l	99
28) Bromochloromethane	5.02	49	130010	53.64	ug/l	99
29) Tetrahydrofuran	5.16	42	435338	216.31	ug/l	100
30) Chloroform	5.22	83	302202	46.38	ug/l	98
31) Cyclohexane	5.58	56	248209	41.19	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	263696	43.41	ug/l	99
36) 1,1-Dichloropropene	5.80	75	211084	43.33	ug/l	99
37) Ethyl Acetate	4.86	43	267945	42.19	ug/l	100
38) Carbon Tetrachloride	5.78	117	232882	40.99	ug/l	99

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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	257663	43.05	ug/l	98
40) Benzene	6.15	78	655682	45.94	ug/l	100
41) Methacrylonitrile	5.06	41	152244	45.29	ug/l	98
42) 1,2-Dichloroethane	6.20	62	260476	45.69	ug/l	100
43) Isopropyl Acetate	6.46	43	473331	44.73	ug/l	99
44) Trichloroethene	7.21	130	188520	45.33	ug/l	99
45) 1,2-Dichloropropane	7.52	63	184629	47.63	ug/l	99
46) Dibromomethane	7.67	93	122339	47.67	ug/l	99
47) Bromodichloromethane	7.90	83	245038	44.78	ug/l	100
48) Methyl methacrylate	7.78	41	238873	44.35	ug/l	99
49) 1,4-Dioxane	7.76	88	83930	884.25	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1450314	227.34	ug/l	100
52) Toluene	8.79	92	423858	46.66	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	294422	46.72	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	284023	46.25	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	179381	47.27	ug/l	98
56) Ethyl methacrylate	9.18	69	296610	45.44	ug/l	99
57) 1,3-Dichloropropane	9.38	76	300467	48.07	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	724010	250.27	ug/l	100
59) 2-Hexanone	9.50	43	1122950	228.28	ug/l	100
60) Dibromochloromethane	9.59	129	206308	45.90	ug/l	99
61) 1,2-Dibromoethane	9.68	107	190047	47.73	ug/l	99
64) Tetrachloroethene	9.34	164	218757	45.67	ug/l	99
65) Chlorobenzene	10.14	112	493116	46.59	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	193457	45.27	ug/l	100
67) Ethyl Benzene	10.26	91	846905	46.06	ug/l	99
68) m/p-Xylenes	10.36	106	656587	93.41	ug/l	100
69) o-Xylene	10.70	106	326859	46.57	ug/l	100
70) Styrene	10.71	104	553316	47.54	ug/l	99
71) Bromoform	10.86	173	171905	42.42	ug/l #	99
73) Isopropylbenzene	11.02	105	864739	43.08	ug/l	100
74) N-amyl acetate	6.46	43	473331	45.15	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	264786	48.18	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	284933m	50.04	ug/l	
77) Bromobenzene	11.26	156	240926	45.24	ug/l	97
78) n-propylbenzene	11.37	91	996130	44.31	ug/l	100
79) 2-Chlorotoluene	11.43	91	604101	48.93	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	753285	43.91	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	93894	39.63	ug/l	95
82) 4-Chlorotoluene	11.51	91	716903	45.21	ug/l	100
83) tert-Butylbenzene	11.77	119	722456	42.92	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	788235	44.46	ug/l	100
85) sec-Butylbenzene	11.95	105	889985	43.98	ug/l	100
86) p-Isopropyltoluene	12.07	119	811564	44.82	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	438227	45.95	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	445407	46.71	ug/l	99
89) n-Butylbenzene	12.39	91	709207	46.22	ug/l	99
90) Hexachloroethane	12.60	117	142675	39.94	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	450675	46.38	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	68813	38.56	ug/l	100

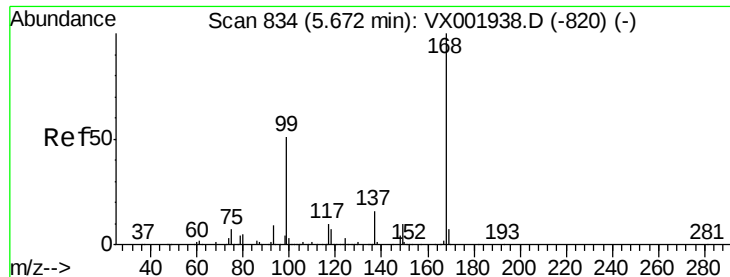
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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	335307	48.25	ug/l	100
94) Hexachlorobutadiene	13.79	225	167231	44.74	ug/l	99
95) Naphthalene	13.84	128	966727	45.15	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	340179	47.31	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

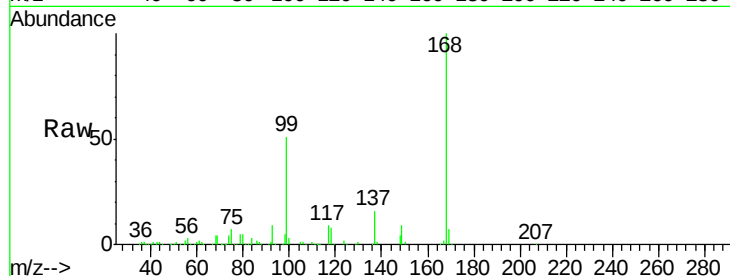
ClientSampleId :

Tot Ion:168 Resp: 244650

Ion Ratio Lower Upper

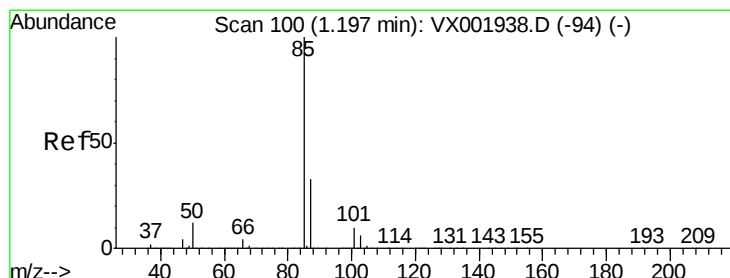
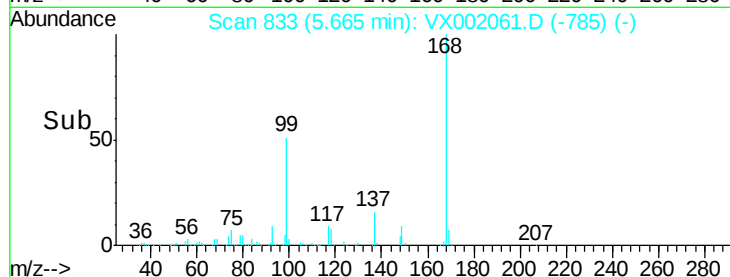
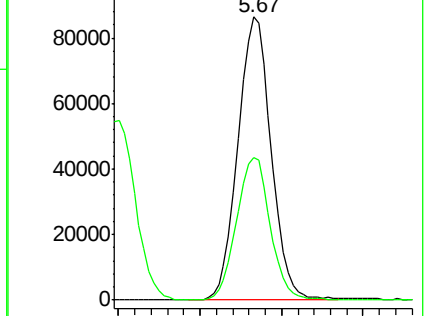
168 100

99 50.3 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: 42.32 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002061.D

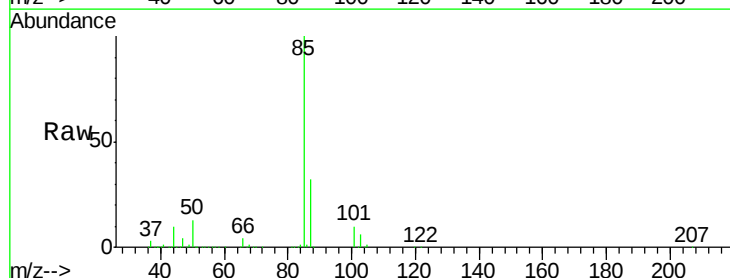
Acq: 27 May 2018 11:34

Tgt Ion: 85 Resp: 130522

Ion Ratio Lower Upper

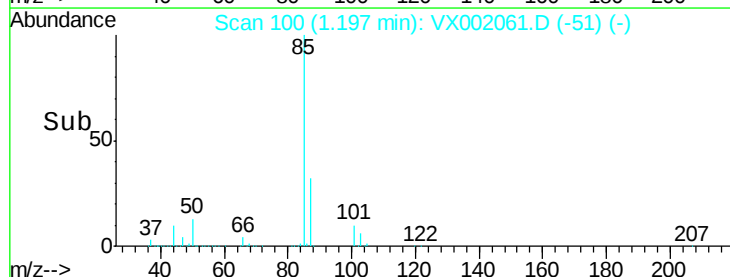
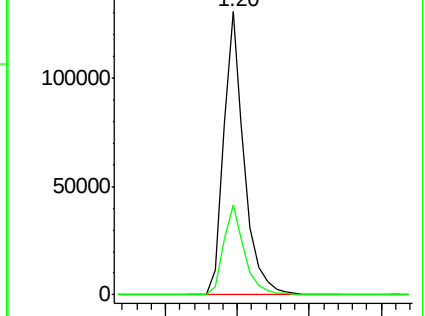
85 100

87 32.0 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: 58.68 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

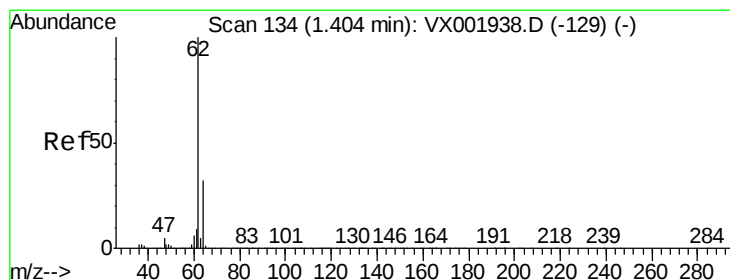
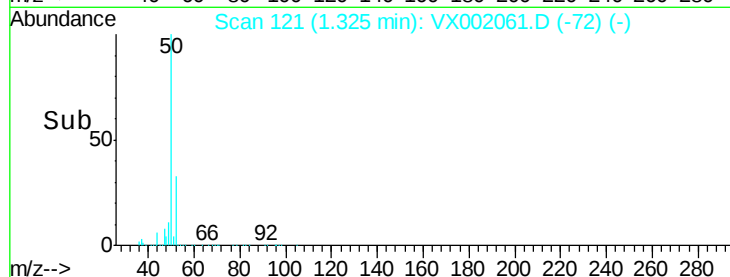
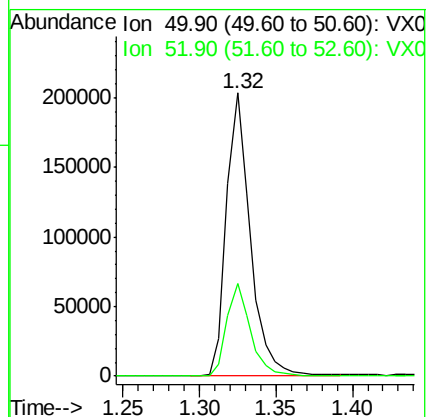
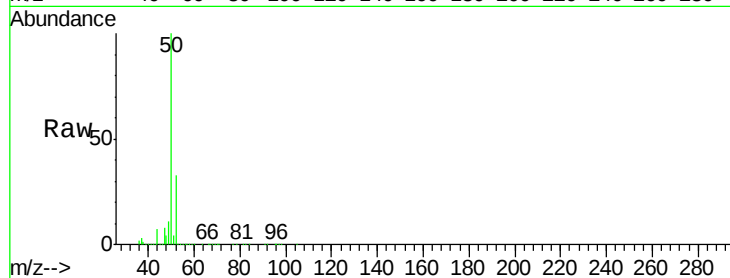
ClientSampleId :

Tot Ion: 50 Resp: 220880

Ion Ratio Lower Upper

50 100

52 32.6 26.0 39.0



#4

Vinyl Chloride

Concen: 46.32 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002061.D

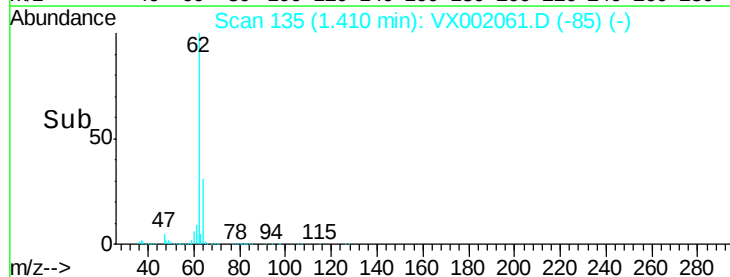
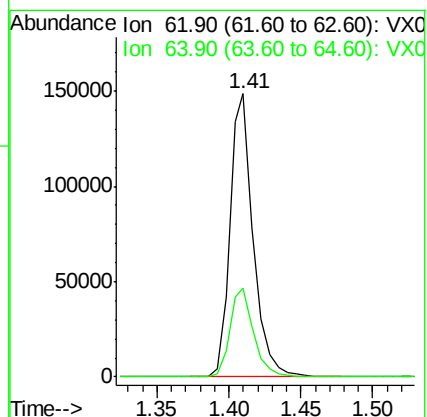
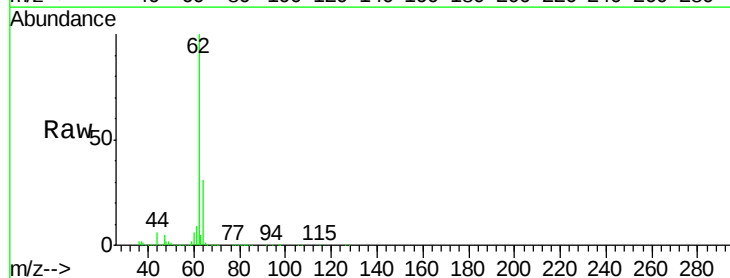
Acq: 27 May 2018 11:34

Tgt Ion: 62 Resp: 168366

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.0





#5

Bromomethane

Concen: 47.30 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

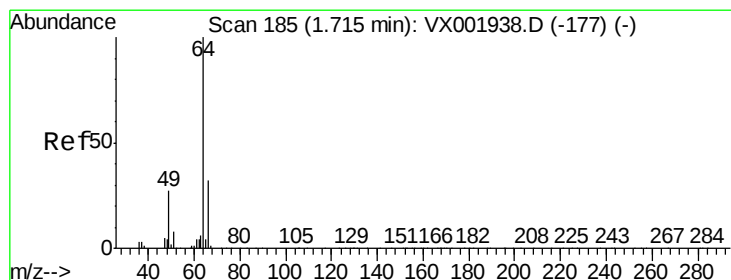
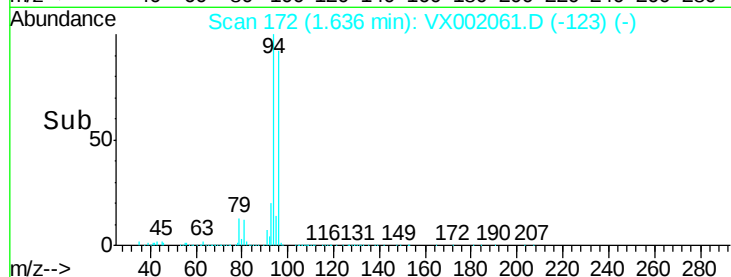
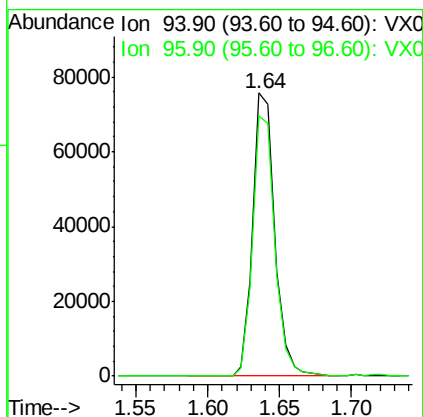
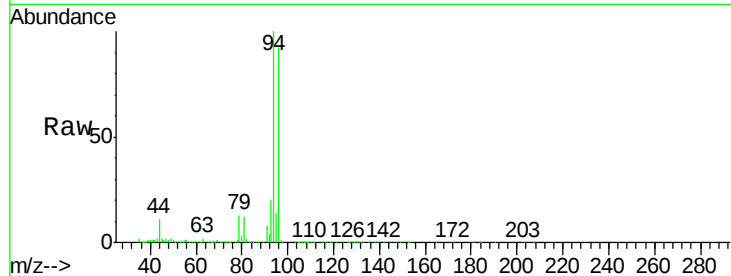
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 79222

Ion Ratio Lower Upper

94 100

96 91.9 75.9 113.9



#6

Chloroethane

Concen: 51.23 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX002061.D

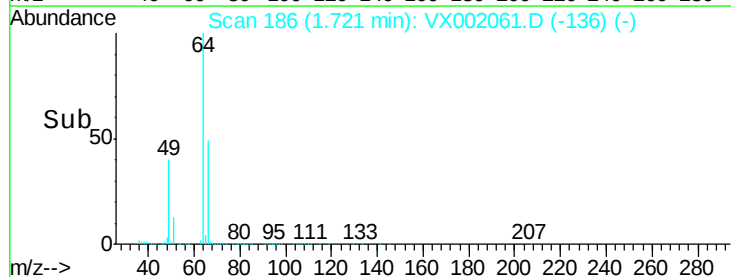
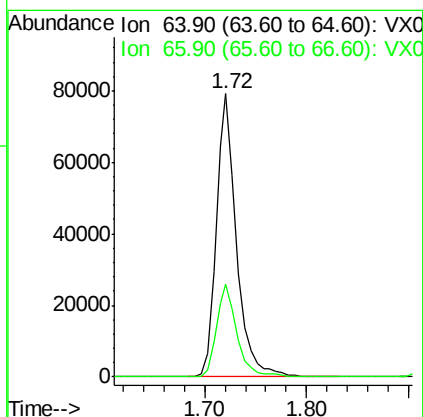
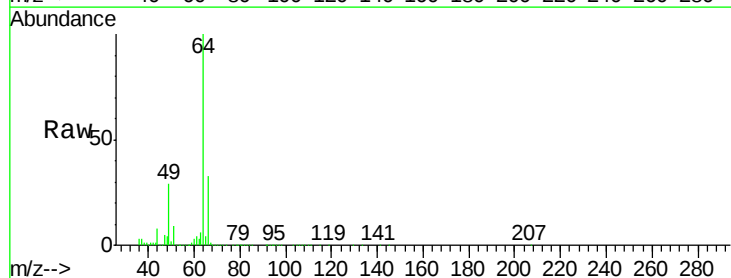
Acq: 27 May 2018 11:34

Tgt Ion: 64 Resp: 109766

Ion Ratio Lower Upper

64 100

66 32.6 25.6 38.4



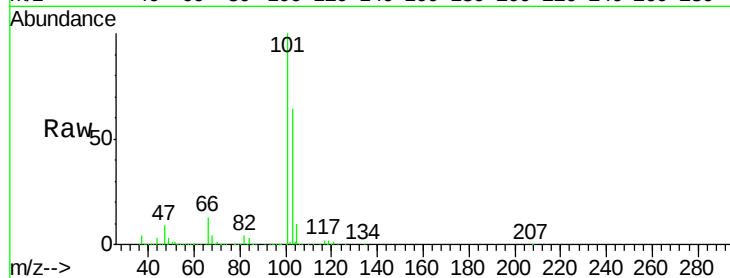


#7

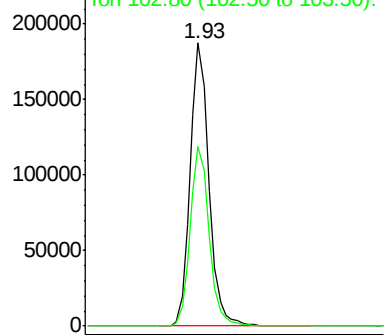
Trichlorofluoromethane
Concen: 49.67 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002061.D
Acq: 27 May 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :

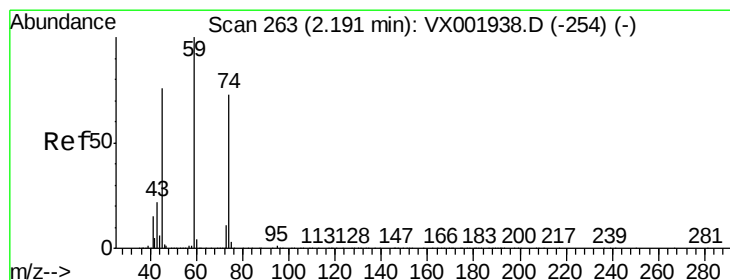
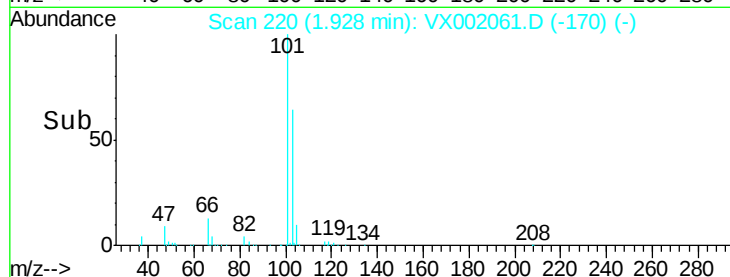
Tot Ion:101 Resp: 271102
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.0



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



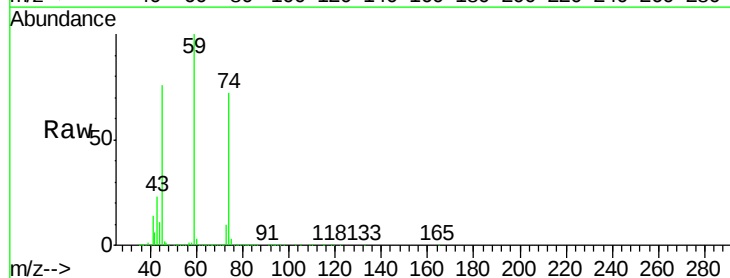
Time-->



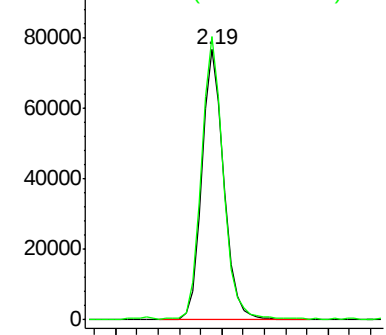
#8

Diethyl Ether
Concen: 56.10 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002061.D
Acq: 27 May 2018 11:34

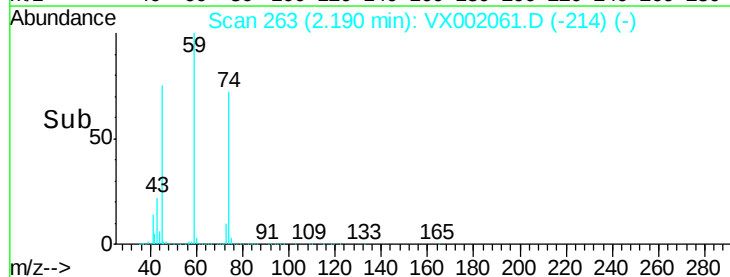
Tgt Ion: 74 Resp: 111094
Ion Ratio Lower Upper
74 100
45 103.2 51.5 154.7



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.13 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

ClientSampled :

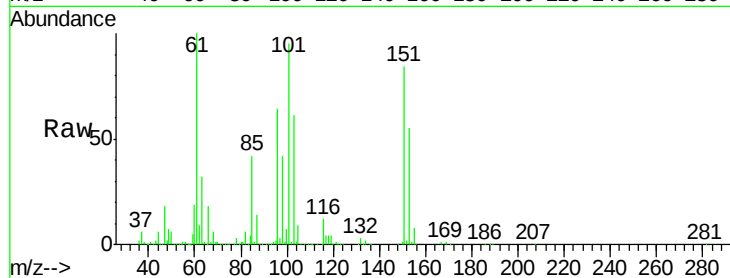
Tot Ion:101 Resp: 152694

Ion Ratio Lower Upper

101 100

85 45.4 35.6 53.4

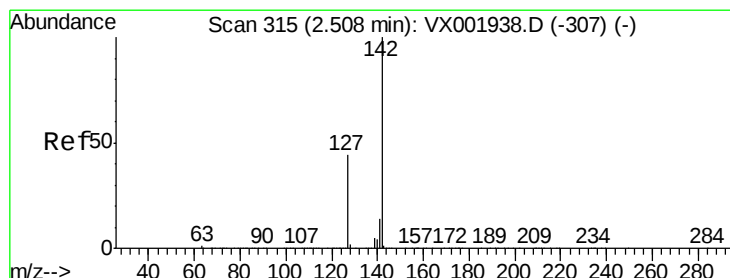
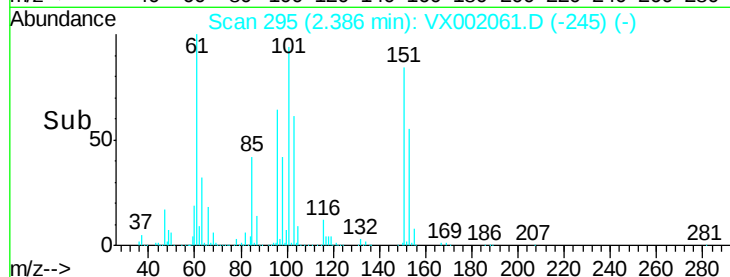
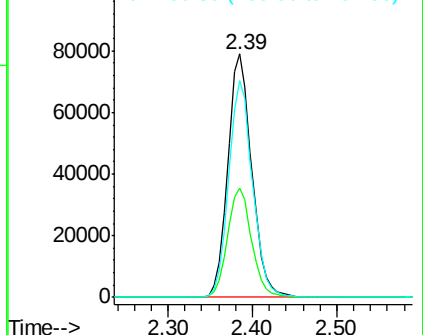
151 89.0 73.2 109.8



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: 42.75 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

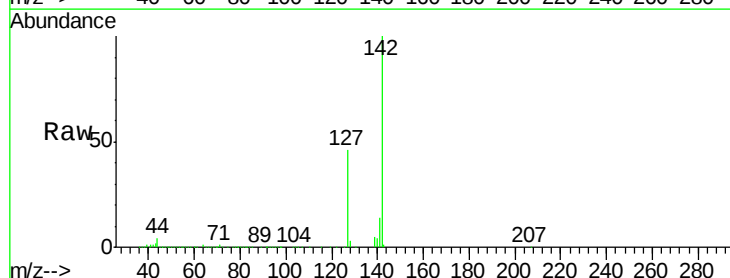
Tgt Ion:142 Resp: 176185

Ion Ratio Lower Upper

142 100

127 45.6 35.5 53.3

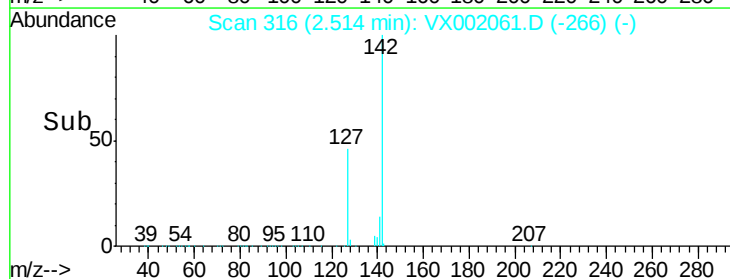
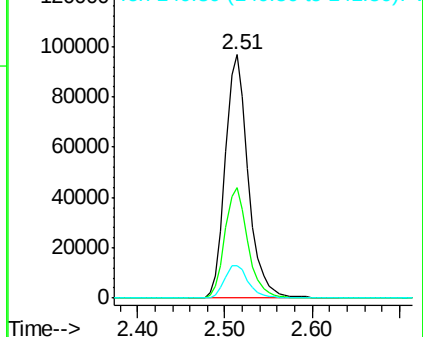
141 14.2 11.3 16.9

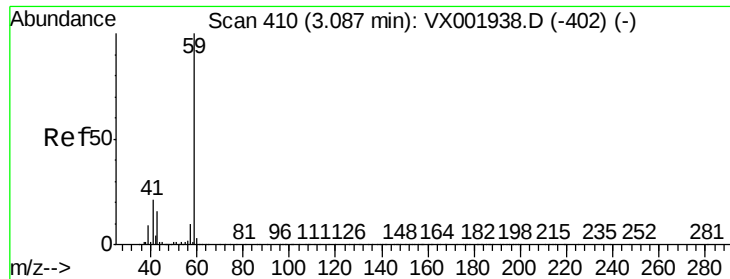


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

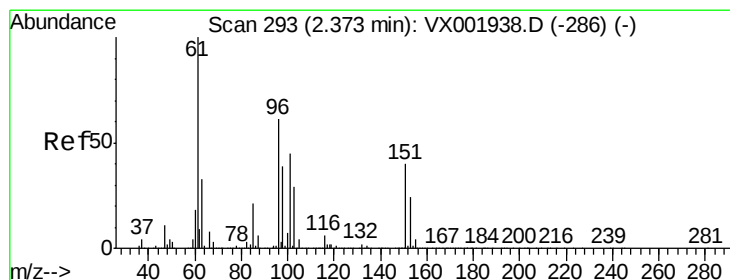
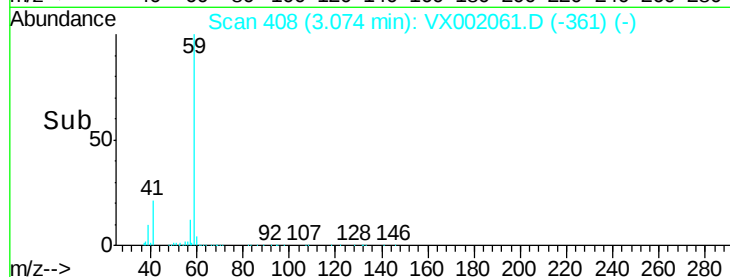
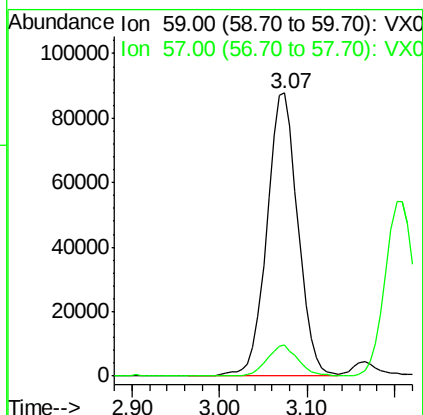
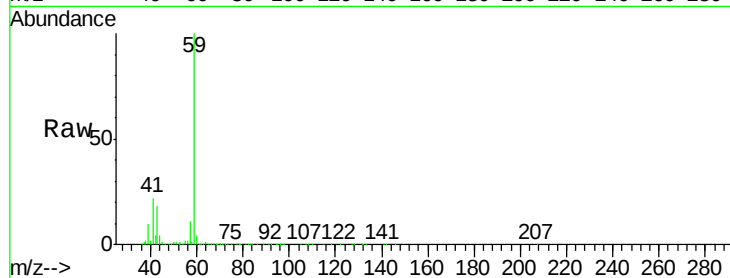




#11
Tert butyl alcohol
Concen: 253.70 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002061.D
Acq: 27 May 2018 11:34

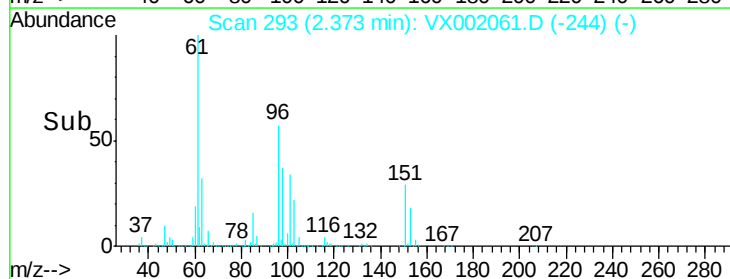
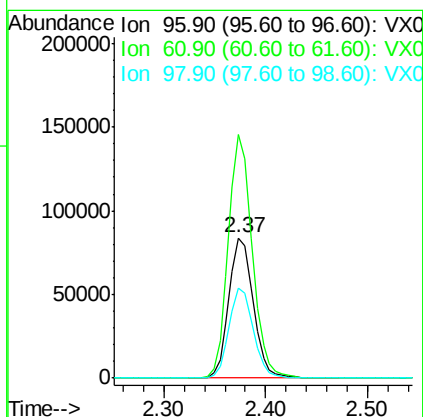
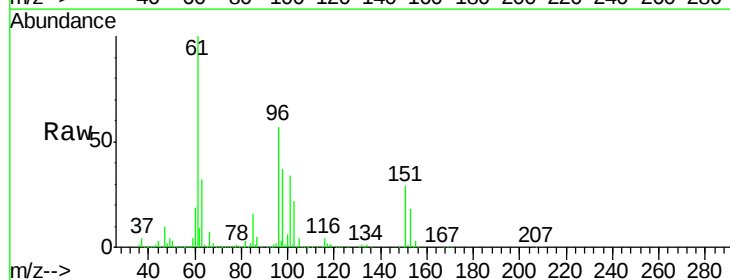
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 59 Resp: 217776
Ion Ratio Lower Upper
59 100
57 10.6 8.9 13.3



#12
1,1-Dichloroethene
Concen: 48.67 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002061.D
Acq: 27 May 2018 11:34

Tgt Ion: 96 Resp: 138785
Ion Ratio Lower Upper
96 100
61 174.0 131.7 197.5
98 64.3 51.6 77.4





#13

Acrolein

Concen: 171.18 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

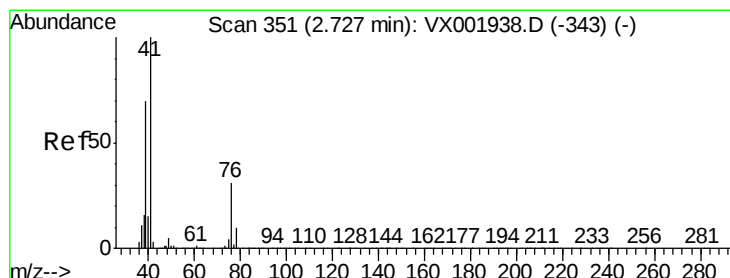
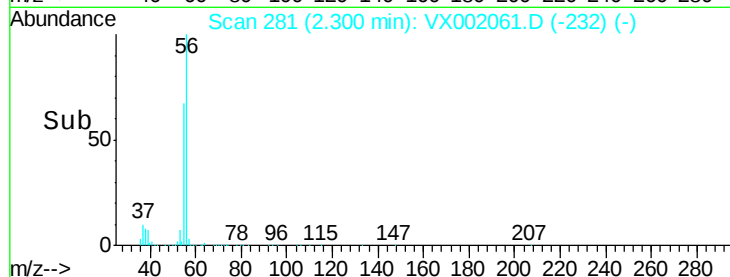
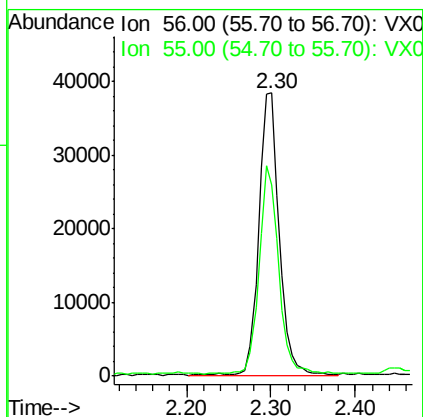
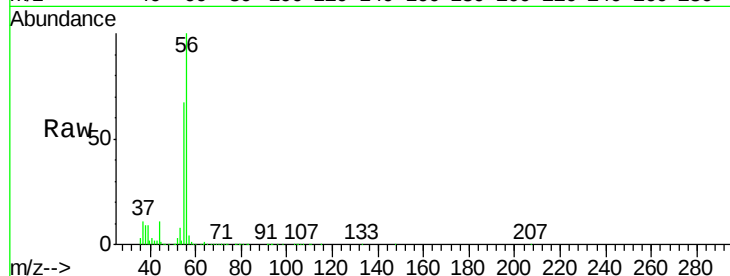
ClientSampleId :

Tot Ion: 56 Resp: 63532

Ion Ratio Lower Upper

56 100

55 70.9 56.8 85.2



#14

Allyl chloride

Concen: 53.07 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

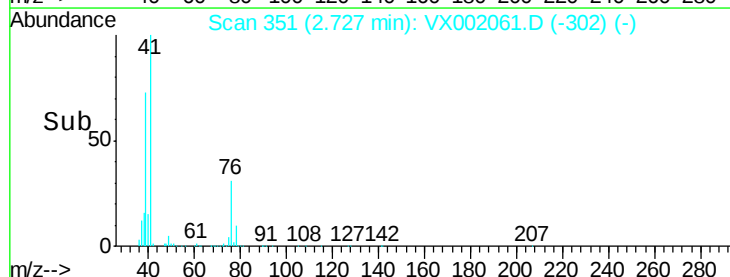
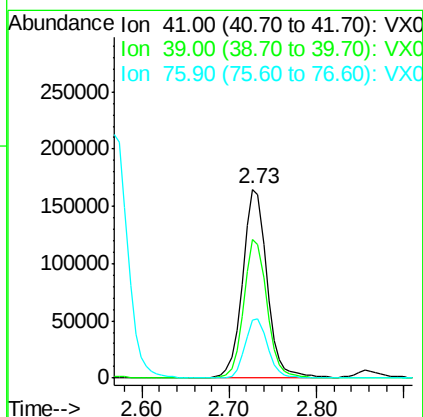
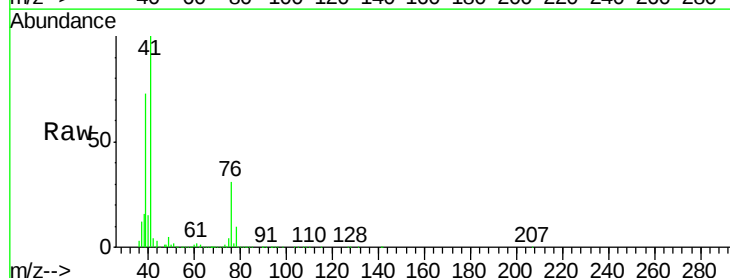
Tgt Ion: 41 Resp: 317639

Ion Ratio Lower Upper

41 100

39 69.6 54.3 81.5

76 29.5 24.2 36.4

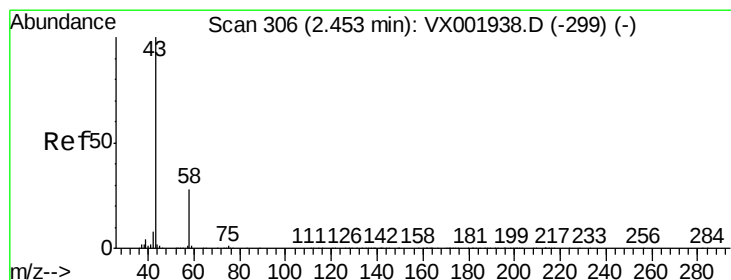
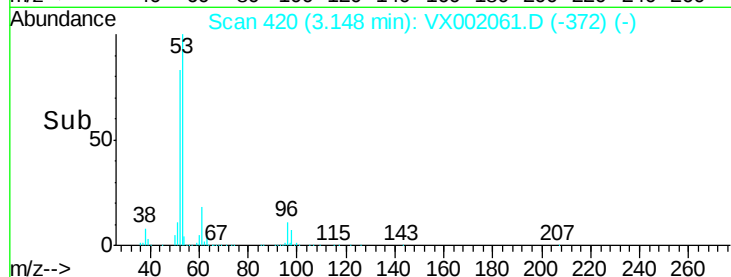
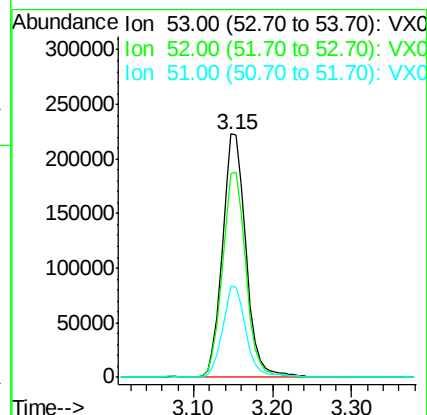
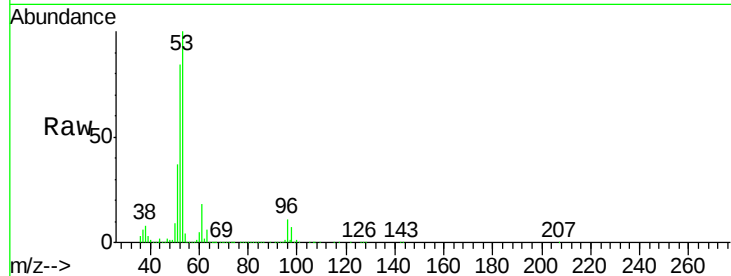




#15
 Acrylonitrile
 Concen: 260.90 ug/l
 RT: 3.15 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: VX002061.D
 Acq: 27 May 2018 11:34

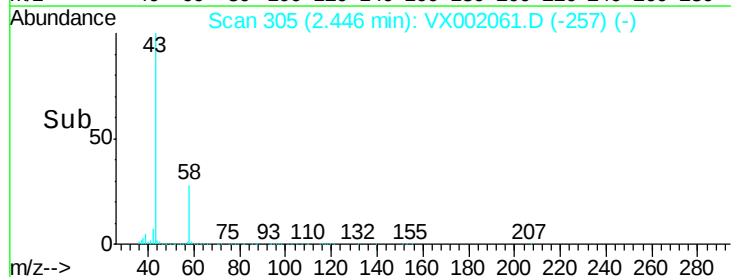
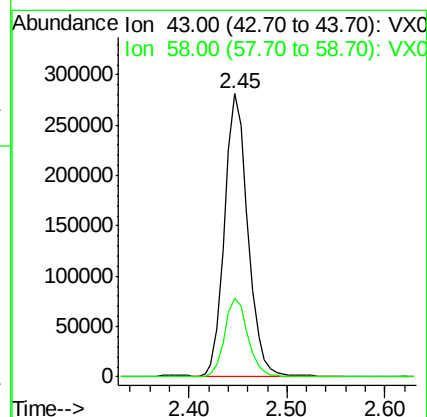
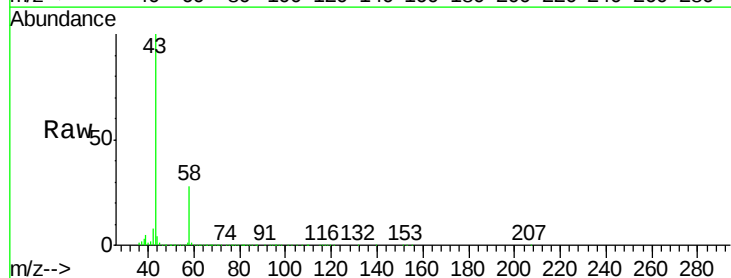
Instrument :
 MSVOA_X
 ClientSampleId :

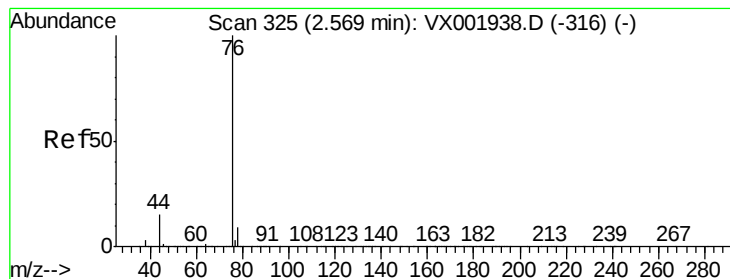
Tot Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.4	99.6
51	37.5	29.3	43.9



#16
 Acetone
 Concen: 272.90 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX002061.D
 Acq: 27 May 2018 11:34

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.8	22.3	33.5





#17

Carbon Disulfide

Concen: 44.42 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

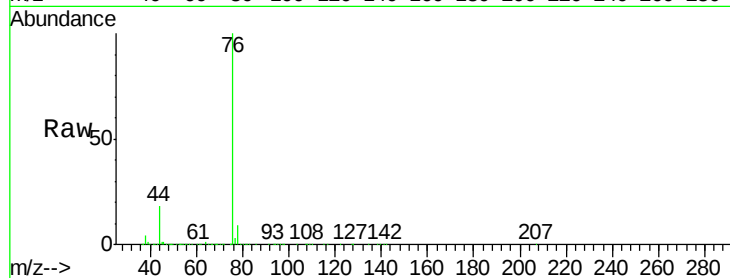
ClientSampleId :

Tot Ion: 76 Resp: 364584

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

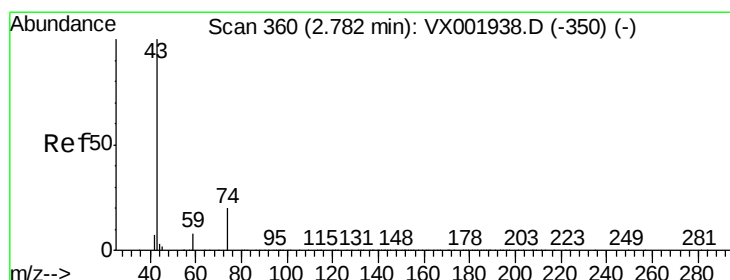
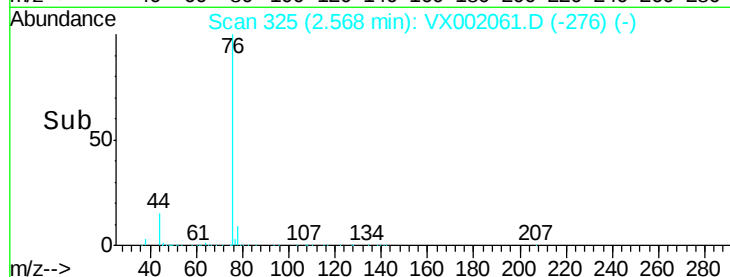
50000

0

2.57

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 59.09 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002061.D

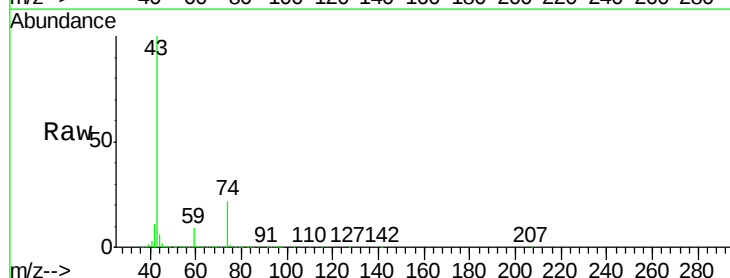
Acq: 27 May 2018 11:34

Tgt Ion: 43 Resp: 239391

Ion Ratio Lower Upper

43 100

74 20.9 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

150000

100000

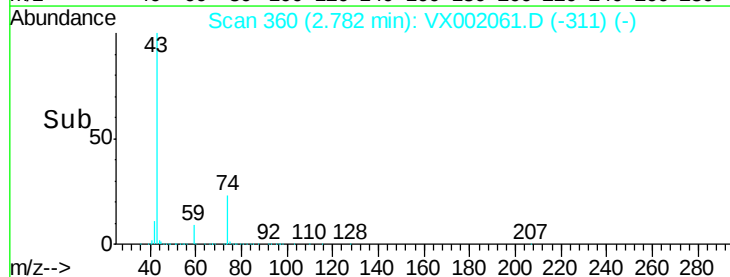
50000

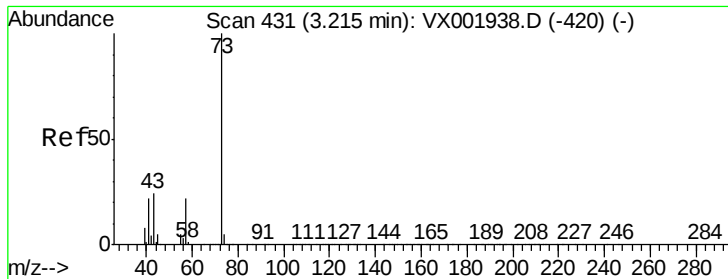
0

2.78

2.70 2.75 2.80 2.85

Time-->



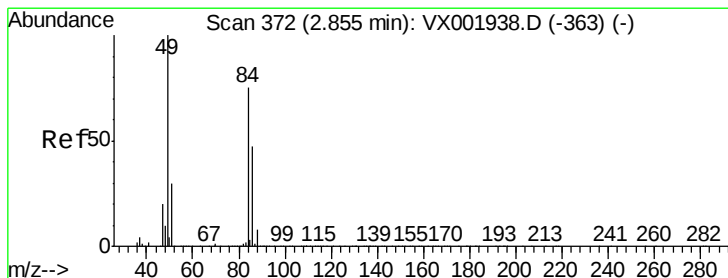
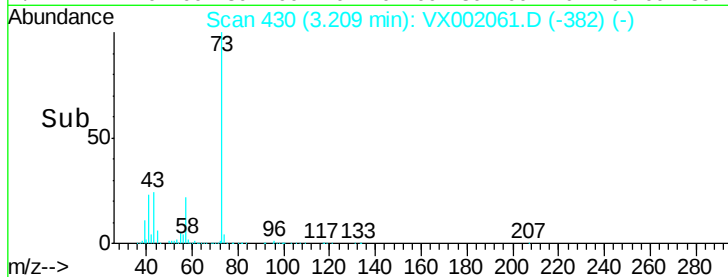
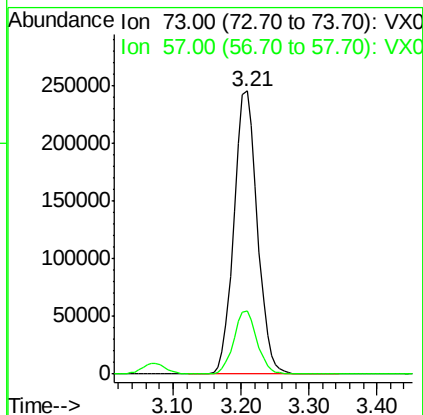
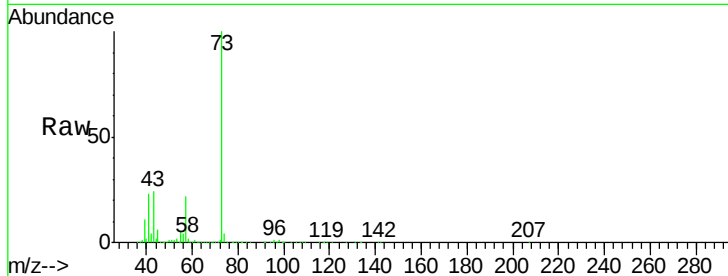


#19

Methyl tert-butyl Ether
 Concen: 54.60 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX002061.D
 Acq: 27 May 2018 11:34

Instrument :
 MSVOA_X
 ClientSampled :

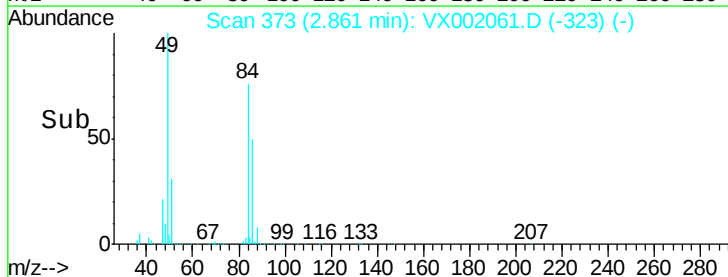
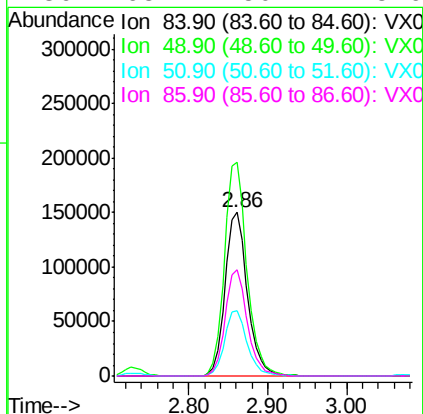
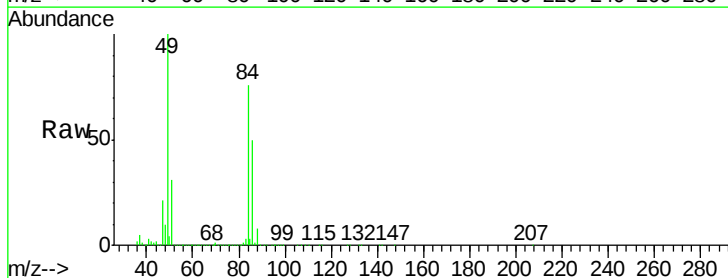
Tot Ion: 73 Resp: 585586
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.4 26.0



#20

Methylene Chloride
 Concen: 102.78 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VX002061.D
 Acq: 27 May 2018 11:34

Tgt Ion: 84 Resp: 295199
 Ion Ratio Lower Upper
 84 100
 49 130.8 107.2 160.8
 51 40.2 32.4 48.6
 86 65.2 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 54.69 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

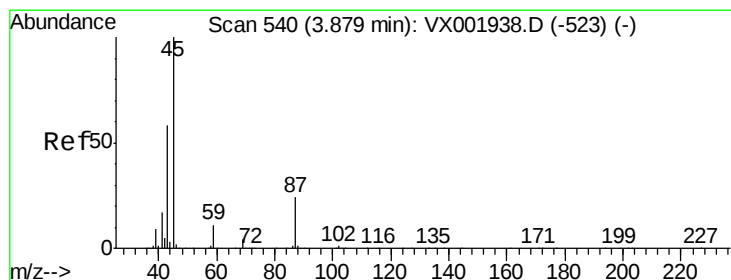
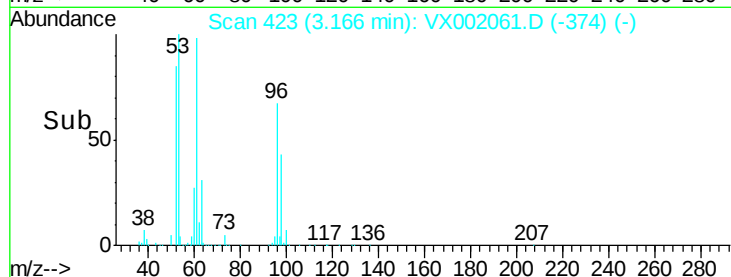
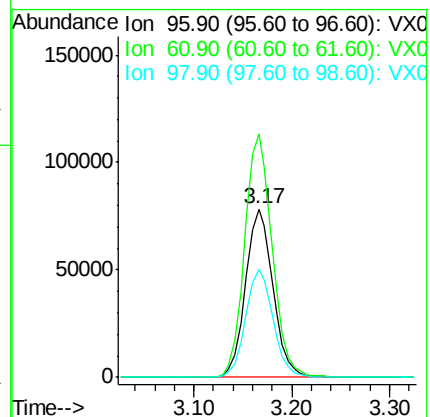
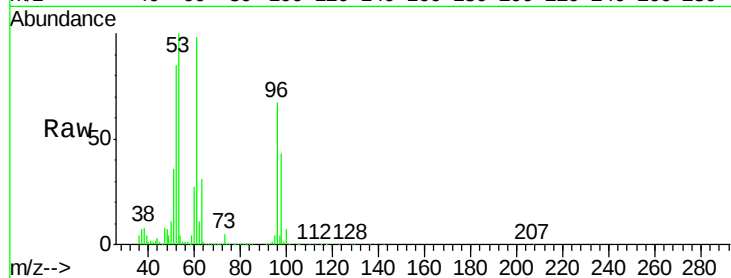
Tot Ion: 96 Resp: 151409

Ion Ratio Lower Upper

96 100

61 144.9 113.3 169.9

98 64.3 51.7 77.5



#22

Diisopropyl ether

Concen: 50.20 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Tgt Ion: 45 Resp: 611224

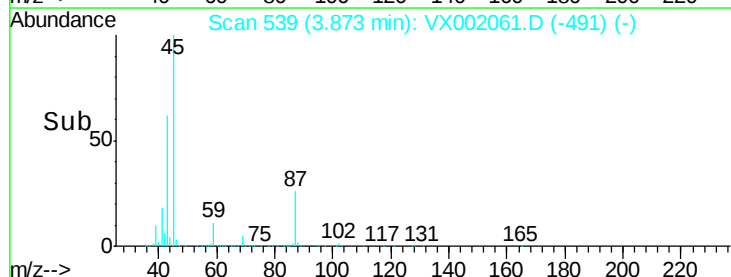
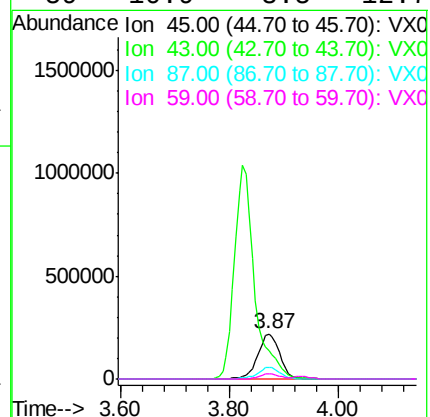
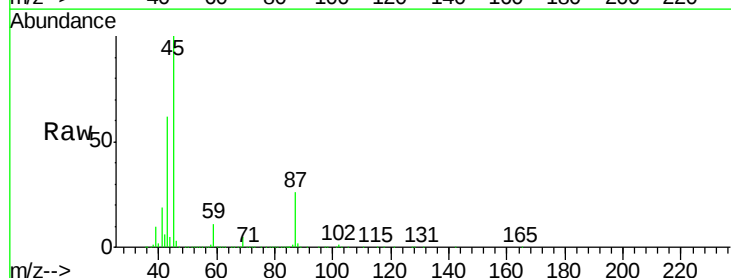
Ion Ratio Lower Upper

45 100

43 61.6 47.0 70.6

87 26.1 19.4 29.0

59 10.9 8.5 12.7





#23

Vinyl Acetate

Concen: 268.42 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

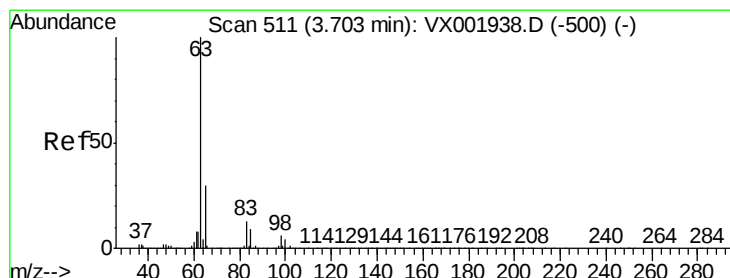
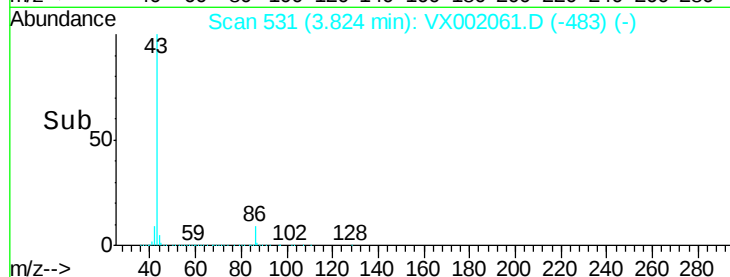
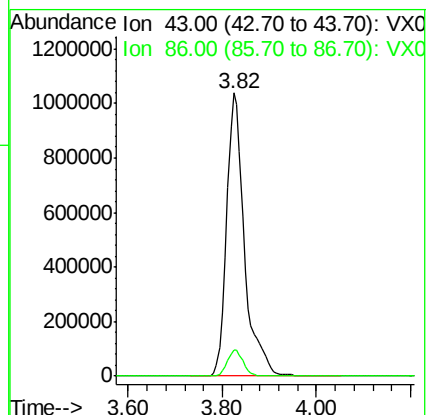
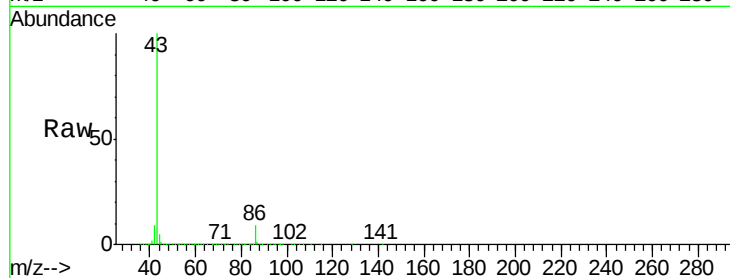
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 2709671

Ion Ratio Lower Upper

43 100

86 9.3 7.6 11.4



#24

1,1-Dichloroethane

Concen: 54.48 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

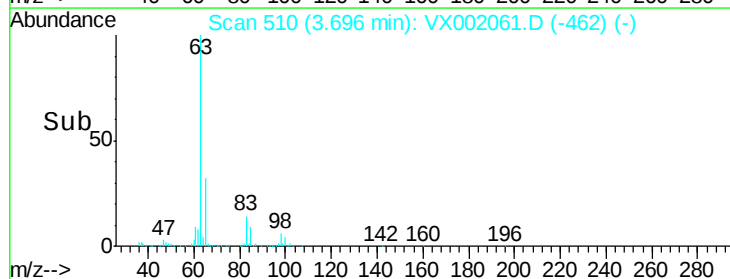
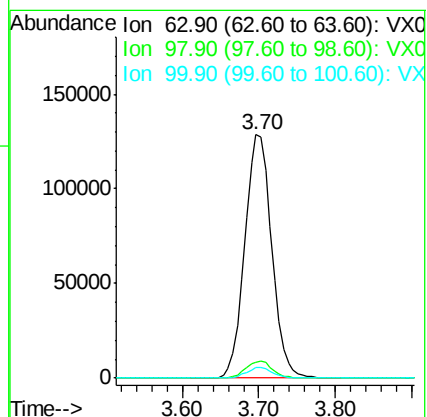
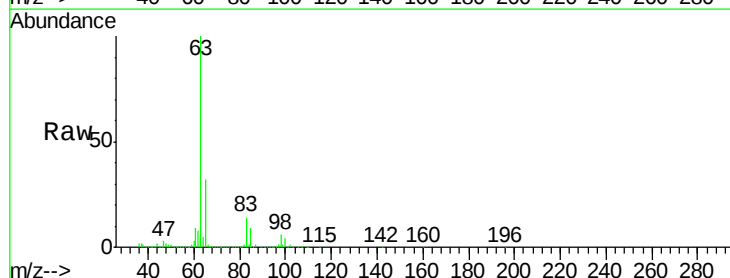
Tgt Ion: 63 Resp: 315068

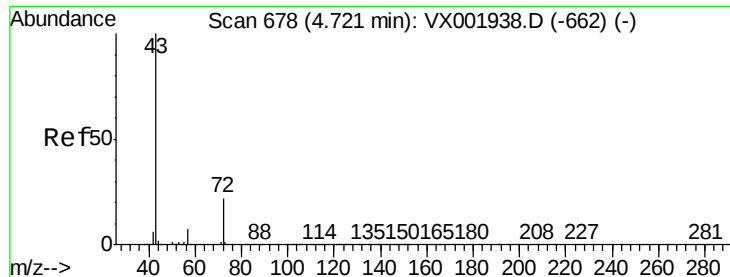
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 219.31 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

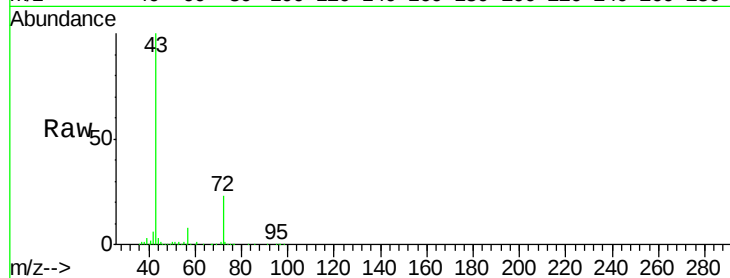
ClientSampleId :

Tot Ion: 43 Resp: 678397

Ion Ratio Lower Upper

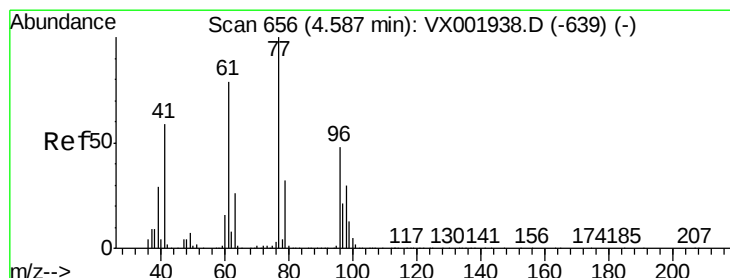
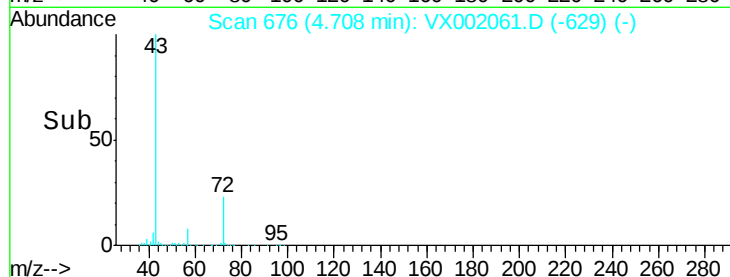
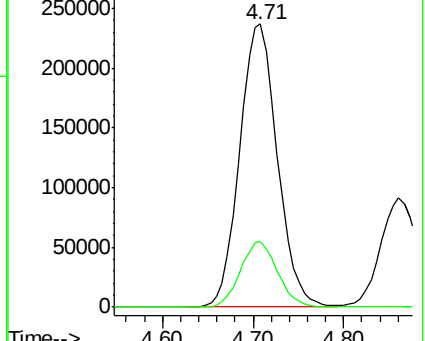
43 100

72 23.2 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 43.72 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002061.D

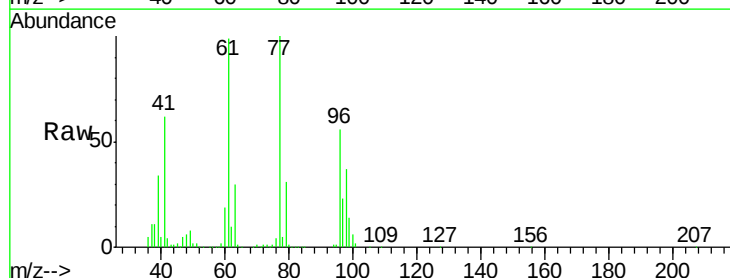
Acq: 27 May 2018 11:34

Tgt Ion: 77 Resp: 255917

Ion Ratio Lower Upper

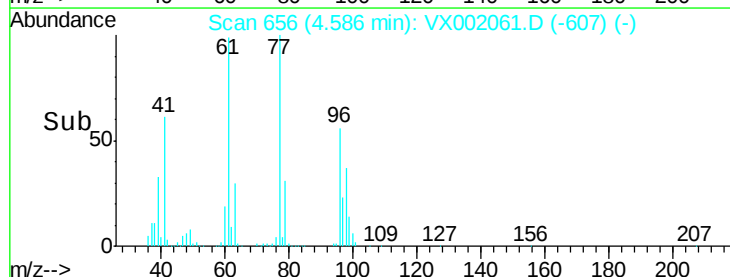
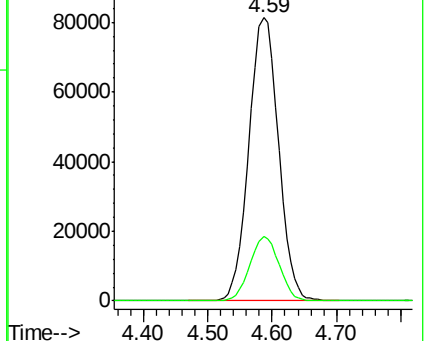
77 100

97 22.6 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 46.26 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

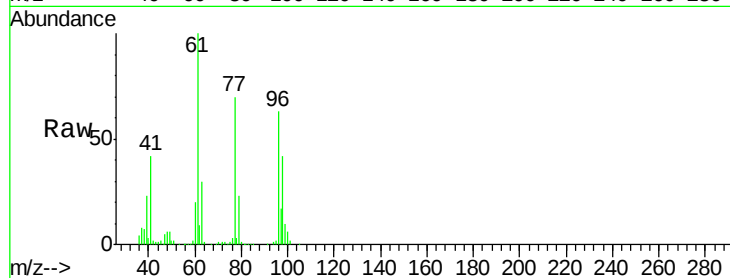
Tot Ion: 96 Resp: 172001

Ion Ratio Lower Upper

96 100

61 175.8 0.0 348.4

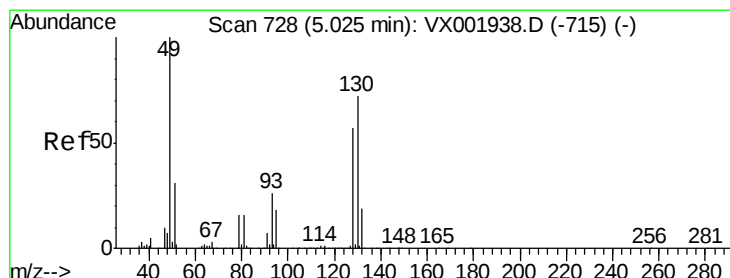
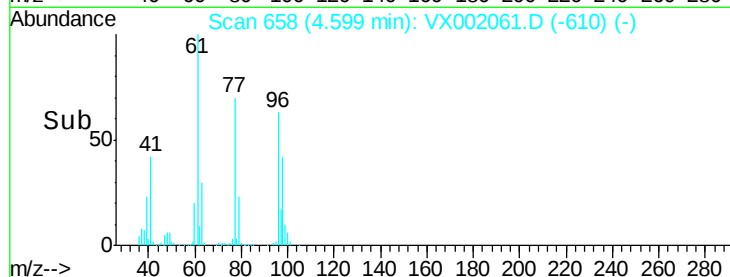
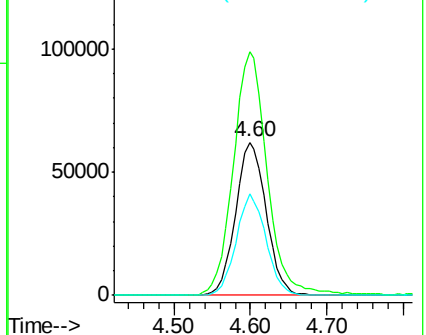
98 65.0 0.0 128.6



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: 53.64 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

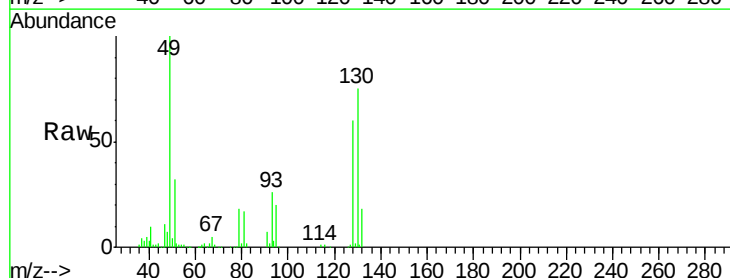
Tgt Ion: 49 Resp: 130010

Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

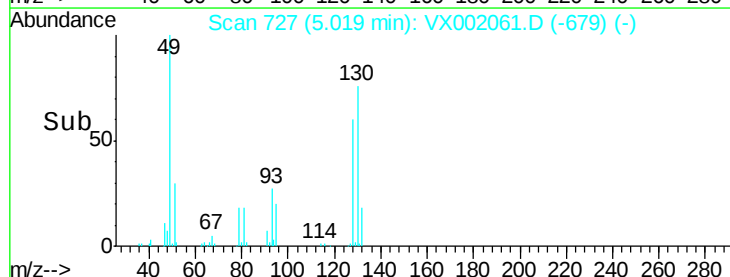
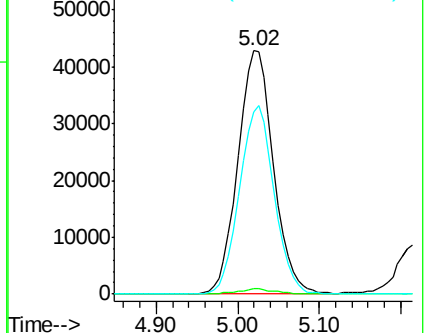
130 75.2 59.4 89.2



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: 216.31 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.02 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

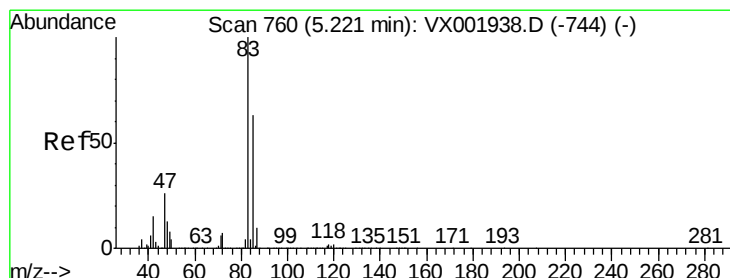
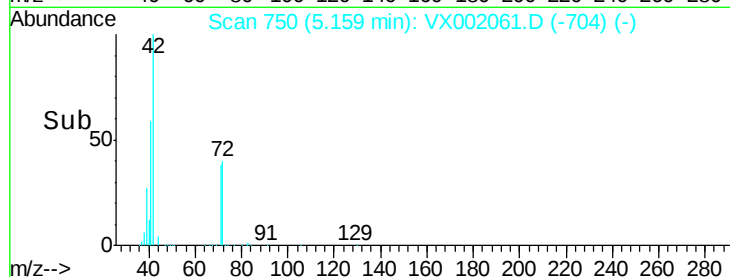
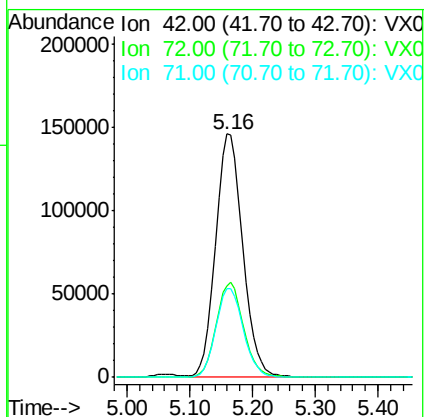
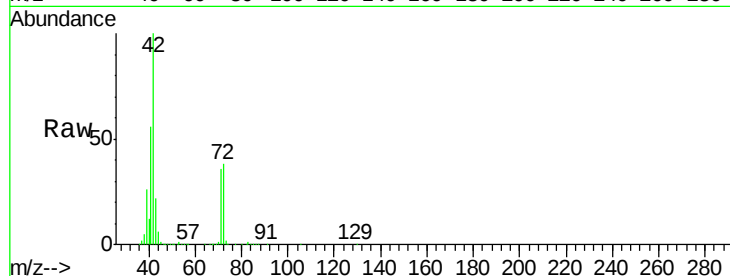
Tot Ion: 42 Resp: 435338

Ion Ratio Lower Upper

42 100

72 39.4 31.4 47.0

71 37.2 29.5 44.3



#30

Chloroform

Concen: 46.38 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002061.D

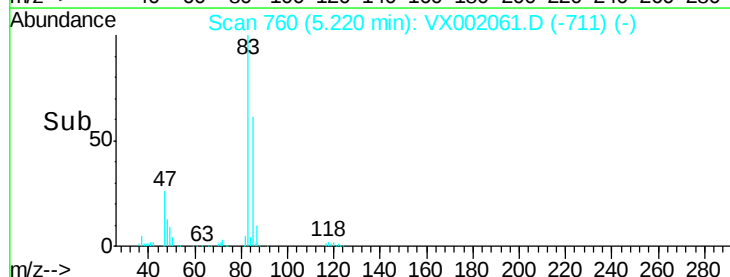
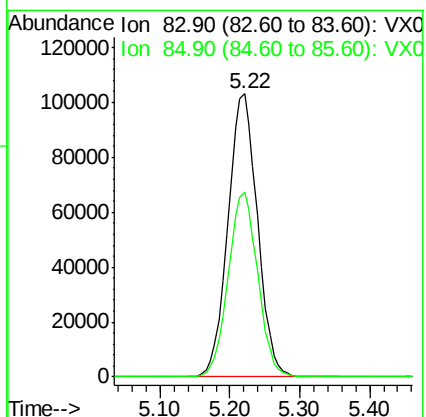
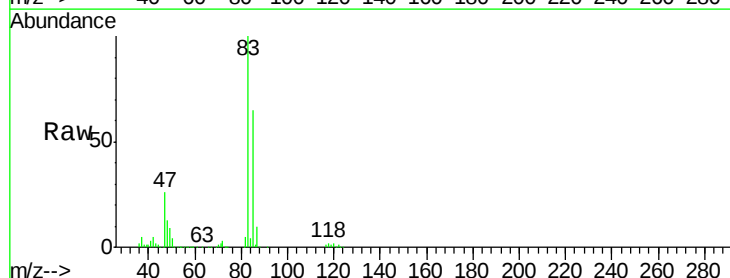
Acq: 27 May 2018 11:34

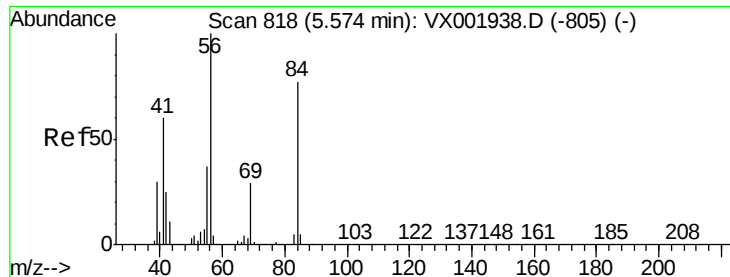
Tgt Ion: 83 Resp: 302202

Ion Ratio Lower Upper

83 100

85 65.2 50.9 76.3

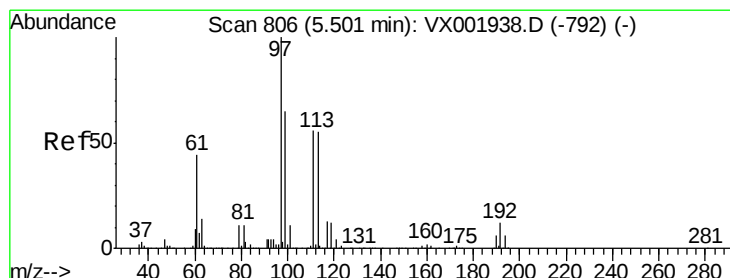
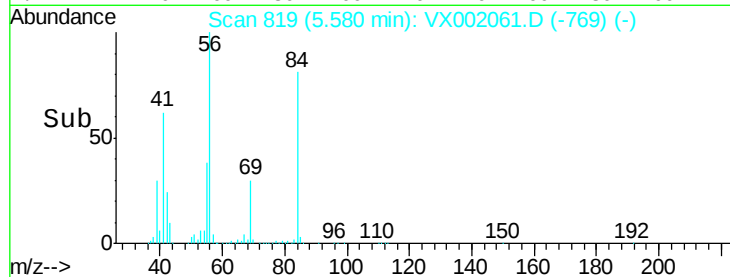
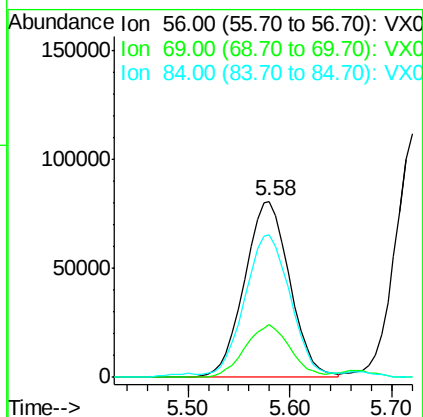
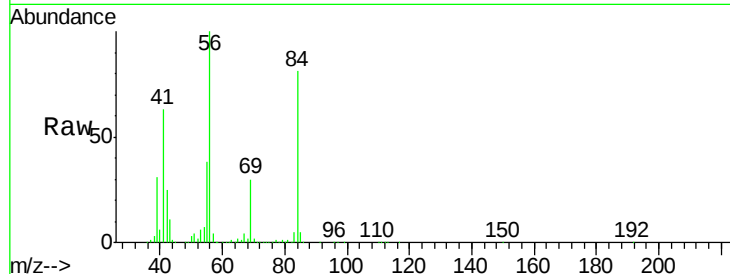




#31
Cyclohexane
Concen: 41.19 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002061.D
Acq: 27 May 2018 11:34

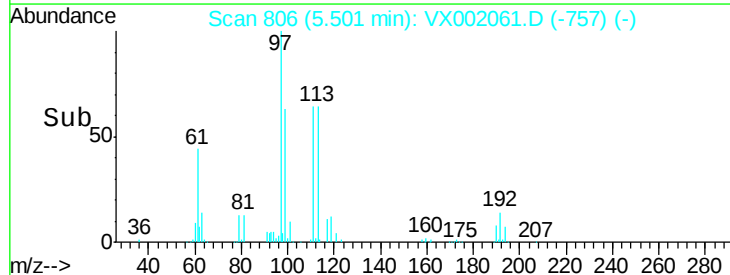
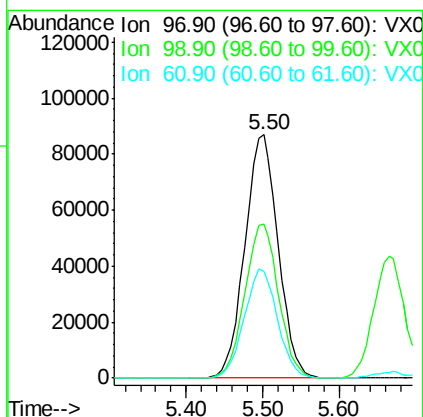
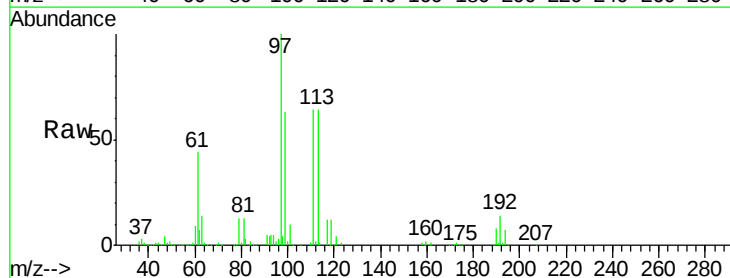
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 248209
Ion Ratio Lower Upper
56 100
69 29.8 23.1 34.7
84 78.8 62.0 93.0



#32
1,1,1-Trichloroethane
Concen: 43.41 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002061.D
Acq: 27 May 2018 11:34

Tgt Ion: 97 Resp: 263696
Ion Ratio Lower Upper
97 100
99 63.8 51.9 77.9
61 44.9 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 46.23 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

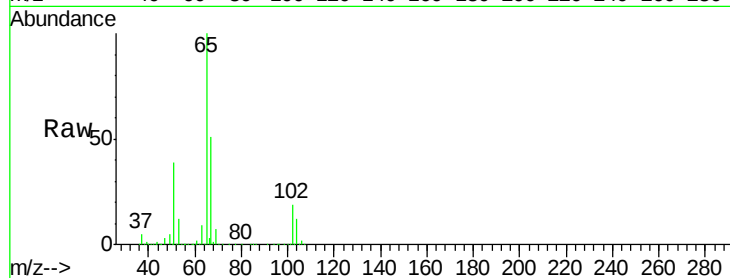
ClientSampleId :

Tot Ion: 65 Resp: 202152

Ion Ratio Lower Upper

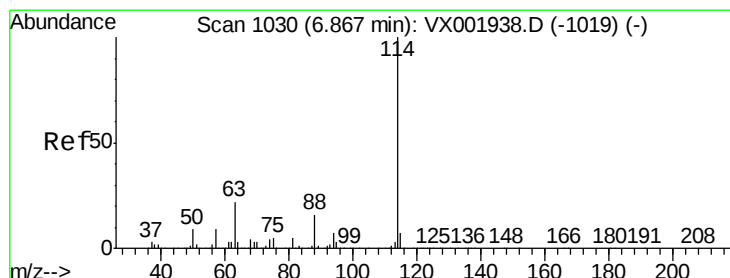
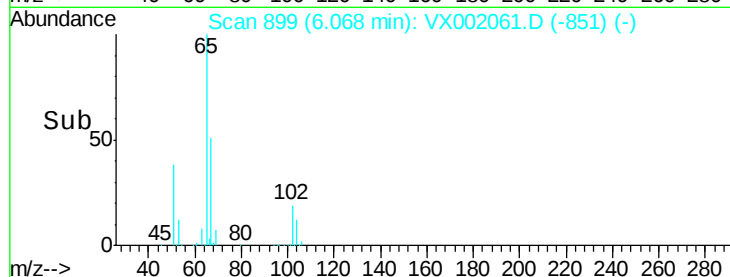
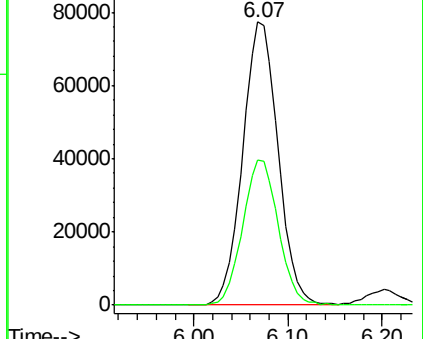
65 100

67 51.7 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

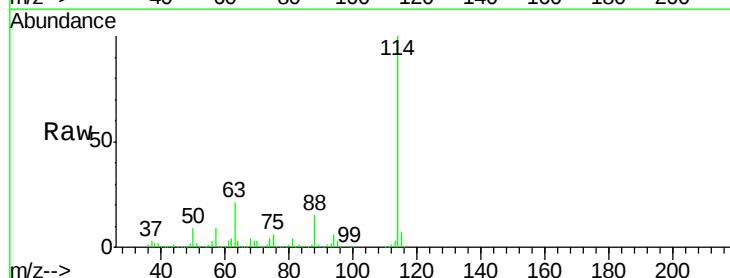
Tgt Ion: 114 Resp: 350254

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

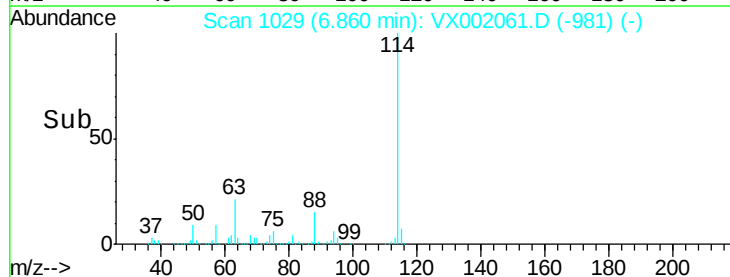
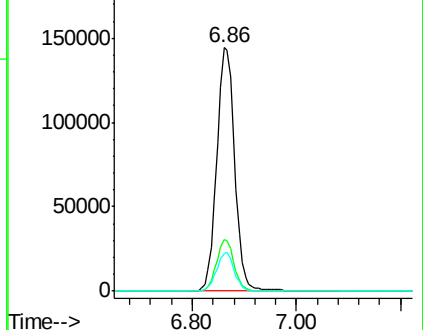
88 15.2 0.0 31.6

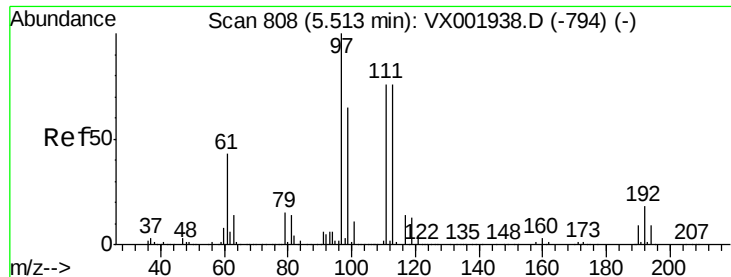


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

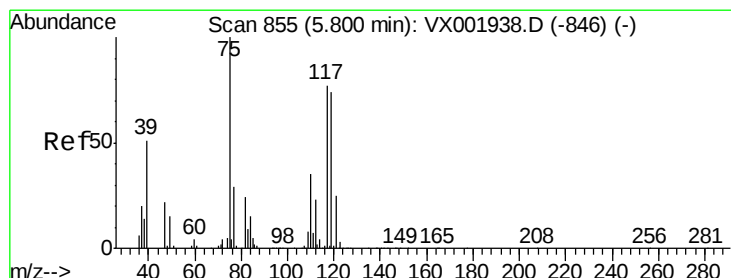
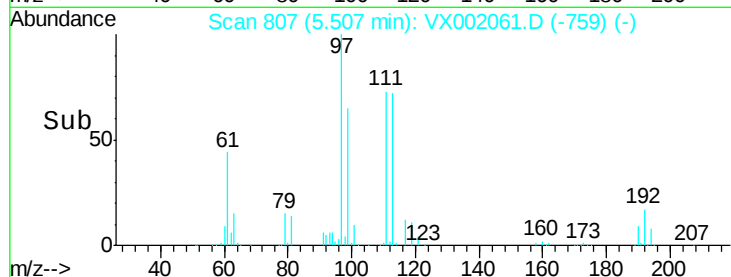
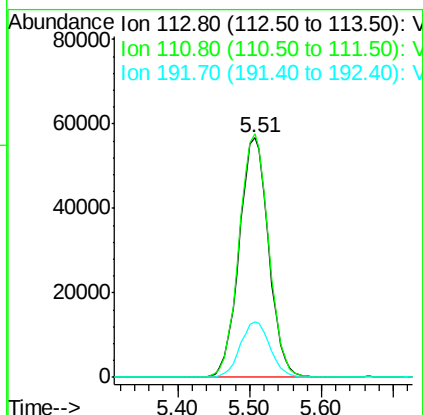
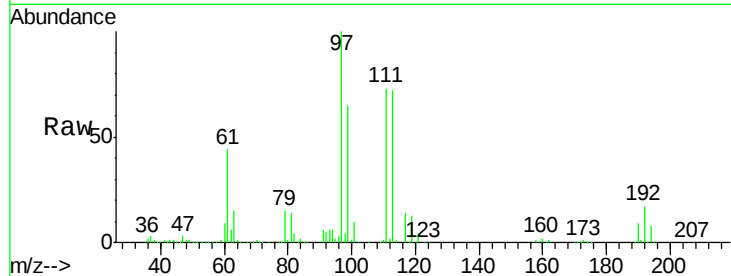




#35
 Dibromofluoromethane
 Concen: 45.92 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002061.D
 Acq: 27 May 2018 11:34

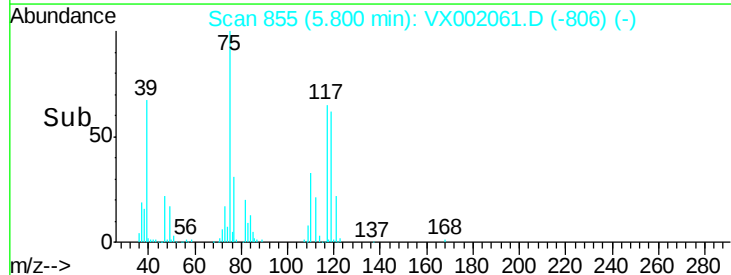
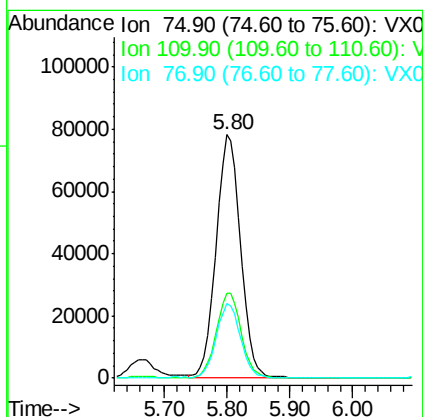
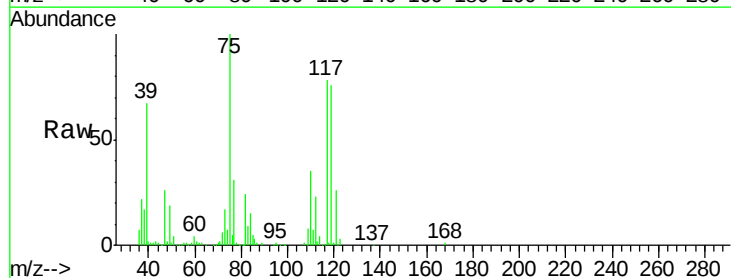
Instrument :
 MSVOA_X
 ClientSampleId :

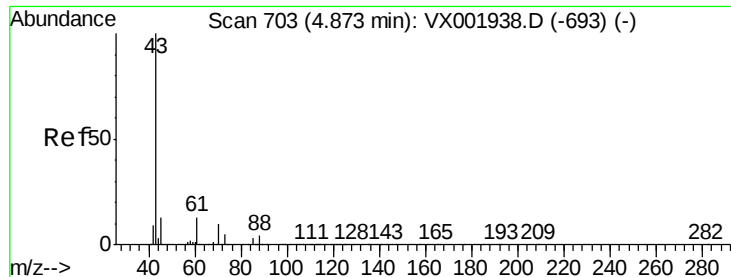
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.0	123.0
192	23.5	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 43.33 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX002061.D
 Acq: 27 May 2018 11:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.4	52.2
77	30.3	24.4	36.6

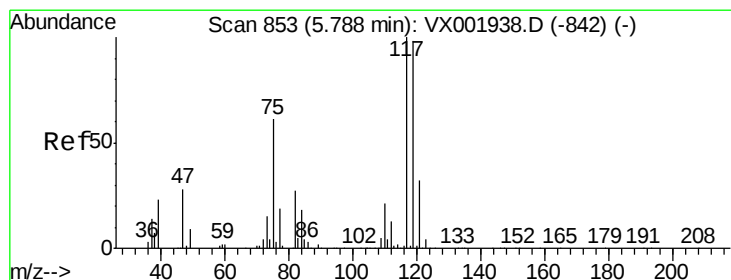
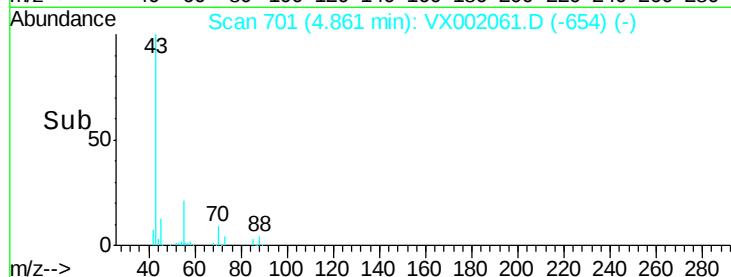
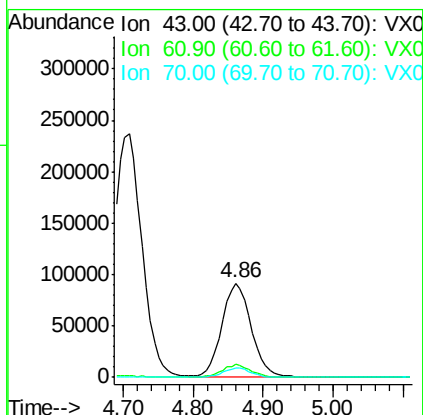
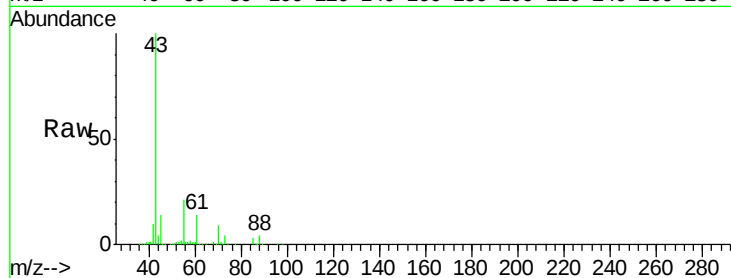




#37
Ethyl Acetate
Concen: 42.19 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002061.D
Acq: 27 May 2018 11:34

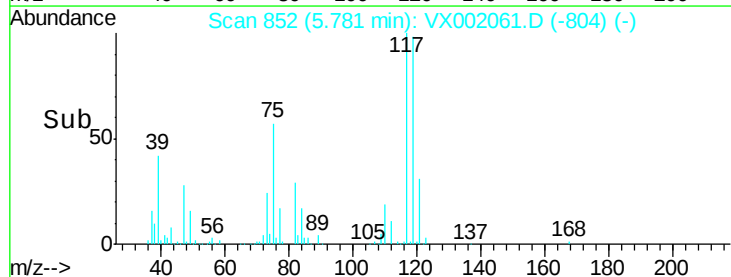
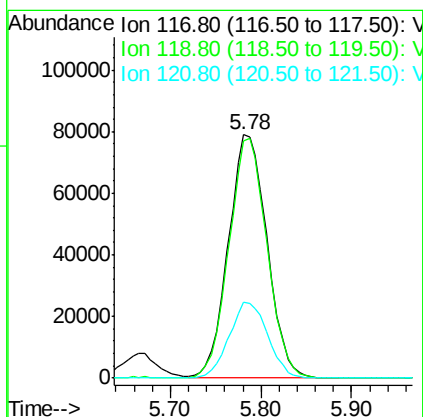
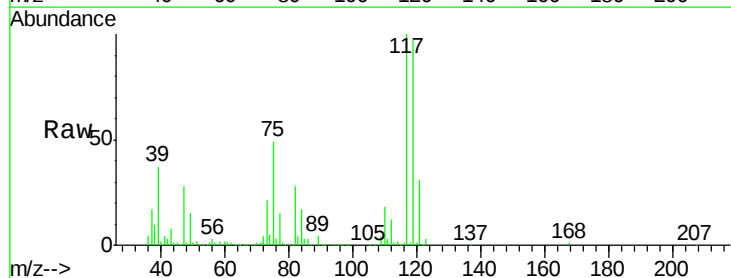
Instrument :
MSVOA_X
ClientSampleId :

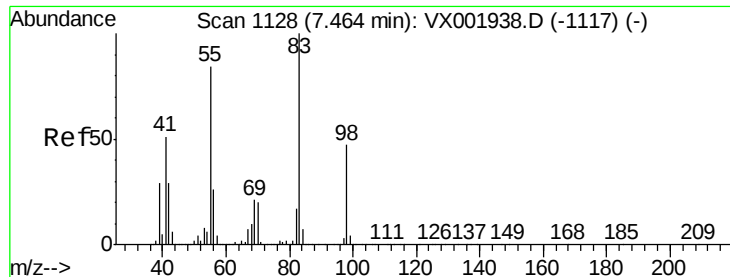
Tot Ion: 43 Resp: 267945
Ion Ratio Lower Upper
43 100
61 12.6 10.2 15.2
70 9.6 7.8 11.8



#38
Carbon Tetrachloride
Concen: 40.99 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002061.D
Acq: 27 May 2018 11:34

Tgt Ion: 117 Resp: 232882
Ion Ratio Lower Upper
117 100
119 97.3 78.5 117.7
121 31.2 25.5 38.3

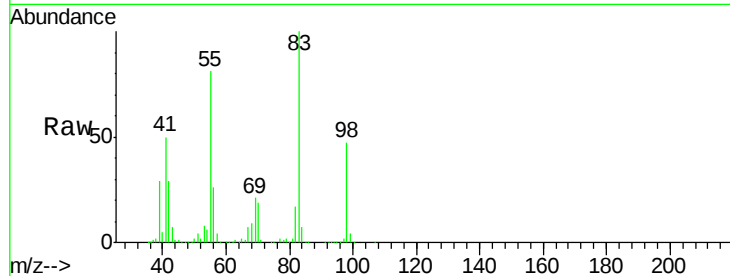




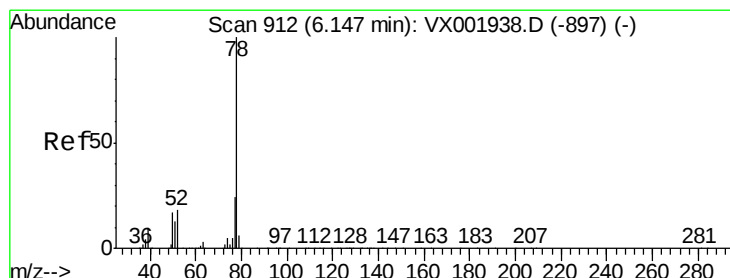
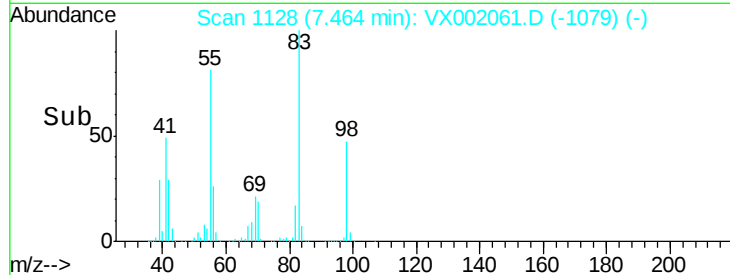
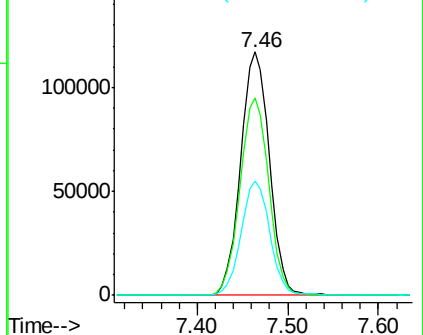
#39
Methvlcvclohexane
Concen: 43.05 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002061.D
Acq: 27 May 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 257663
Ion Ratio Lower Upper
83 100
55 80.8 67.3 100.9
98 47.0 37.5 56.3

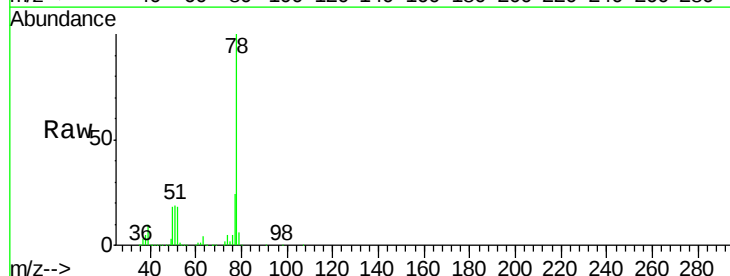


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

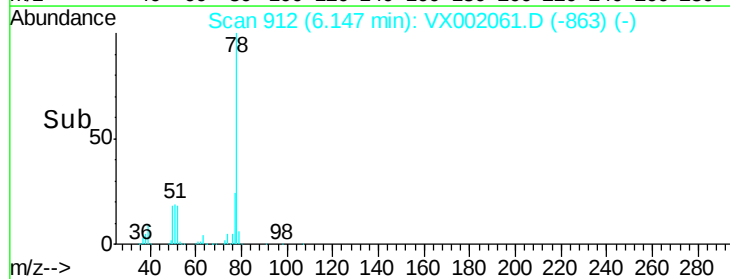
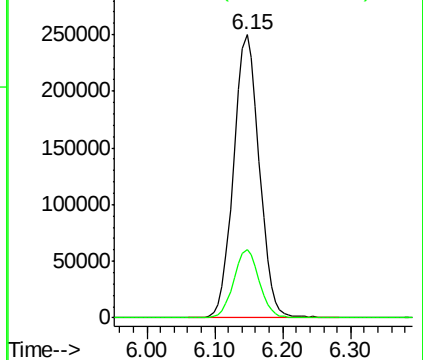


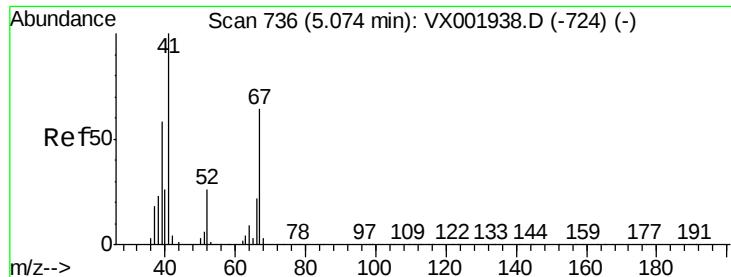
#40
Benzene
Concen: 45.94 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002061.D
Acq: 27 May 2018 11:34

Tgt Ion: 78 Resp: 655682
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7



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





#41

Methacrylonitrile

Concen: 45.29 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 152244

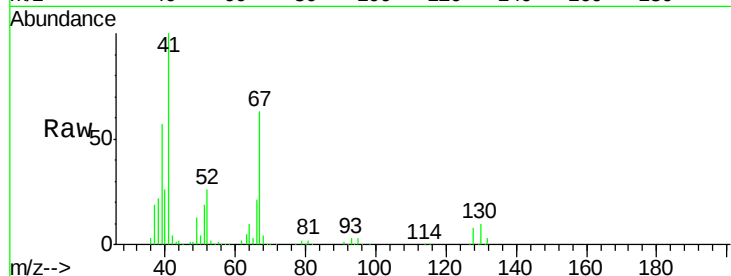
Ion Ratio Lower Upper

41 100

39 56.0 46.0 69.0

67 64.5 50.6 75.8

52 27.9 21.9 32.9

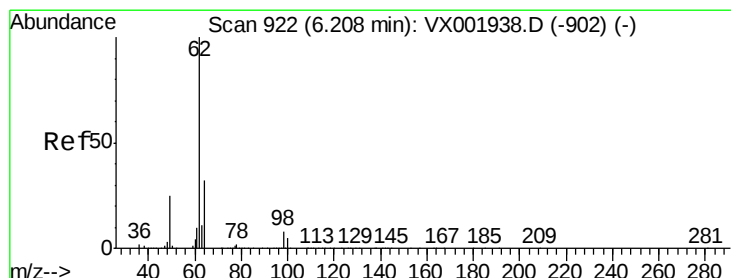
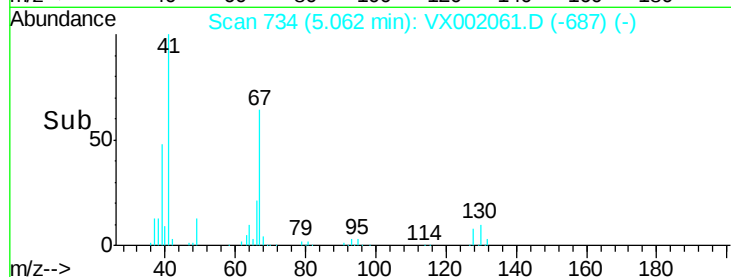
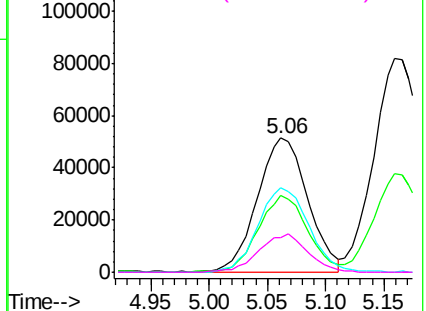


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 45.69 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX002061.D

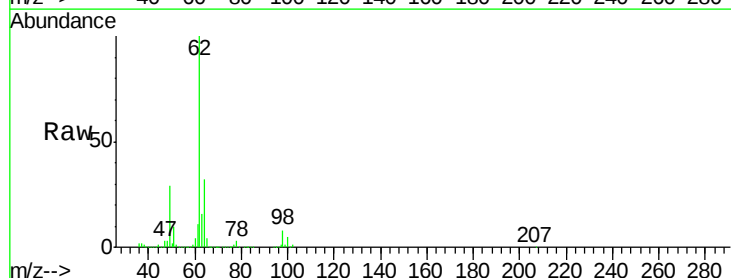
Acq: 27 May 2018 11:34

Tgt Ion: 62 Resp: 260476

Ion Ratio Lower Upper

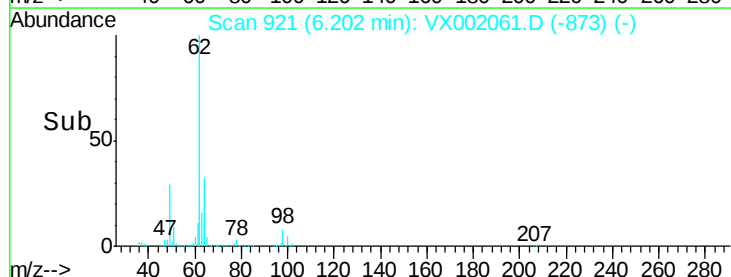
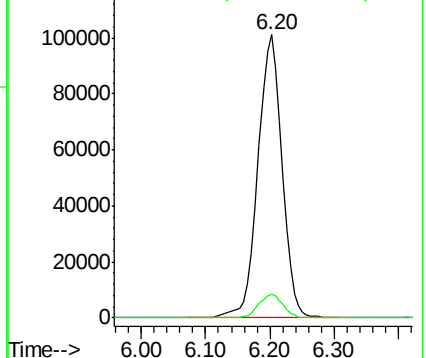
62 100

98 8.4 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



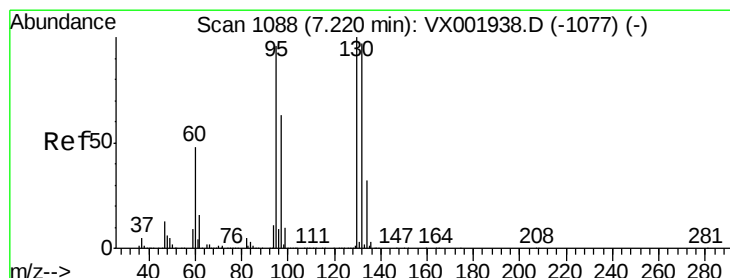
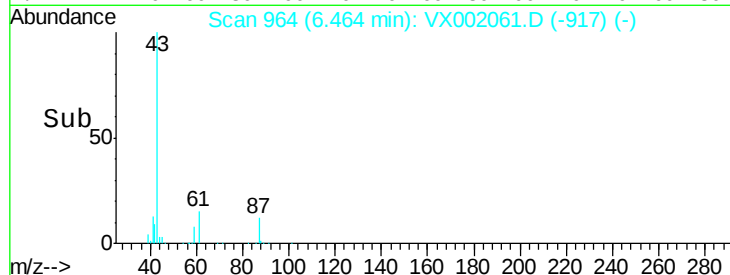
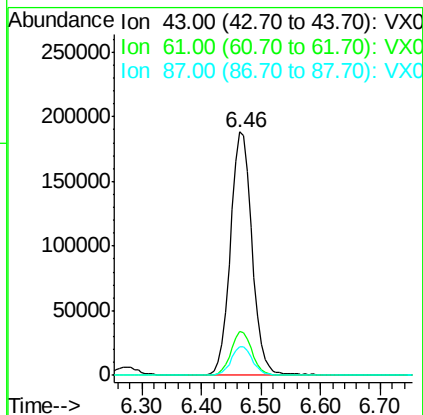
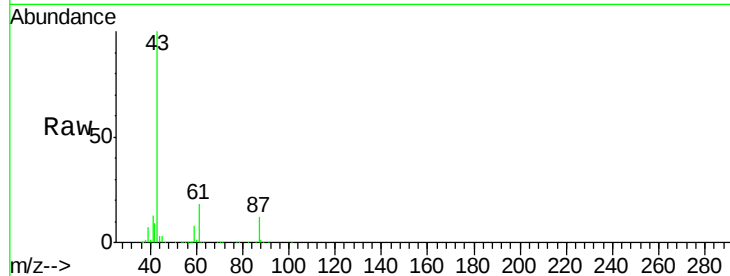


#43

Isopropyl Acetate
 Concen: 44.73 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002061.D
 Acq: 27 May 2018 11:34

Instrument :
 MSVOA_X
 ClientSampleId :

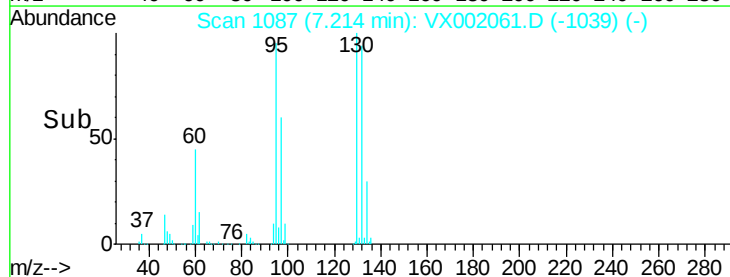
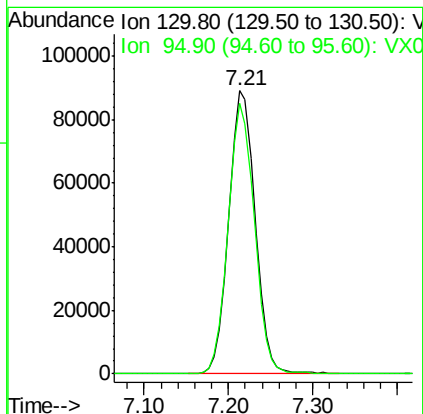
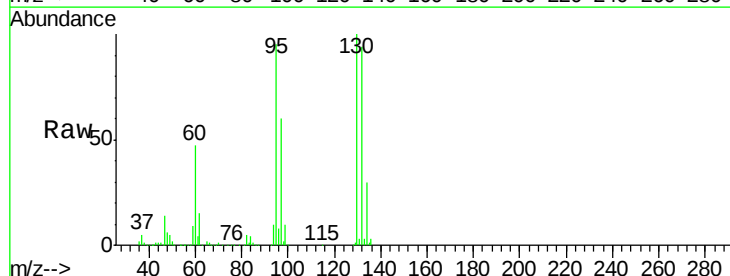
Tot Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.5	21.7
87	11.7	9.5	14.3



#44

Trichloroethene
 Concen: 45.33 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002061.D
 Acq: 27 May 2018 11:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	192.0





#45

1,2-Dichloropropane

Concen: 47.63 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

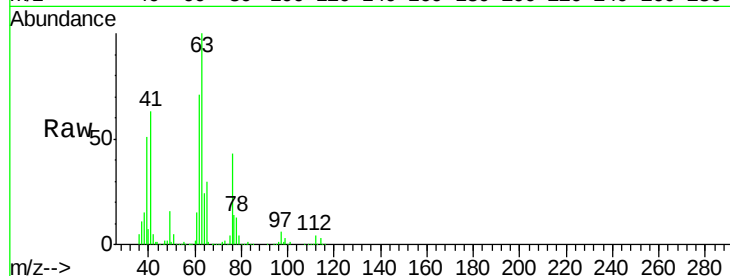
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 63 Resp: 184629

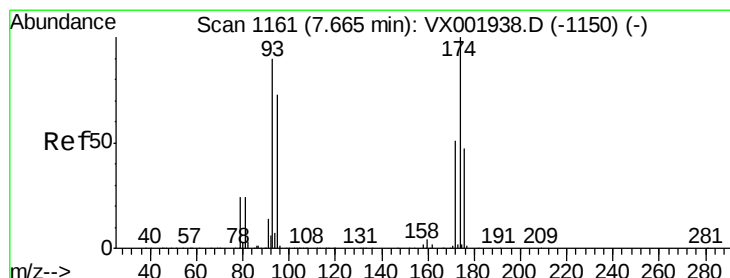
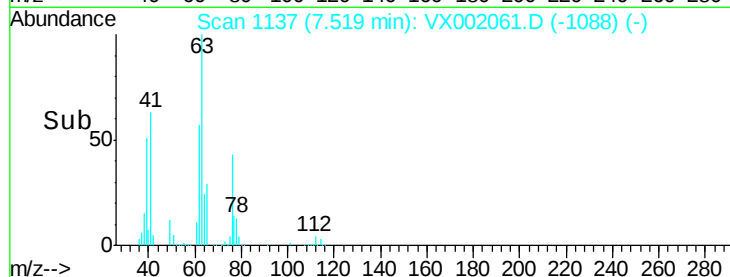
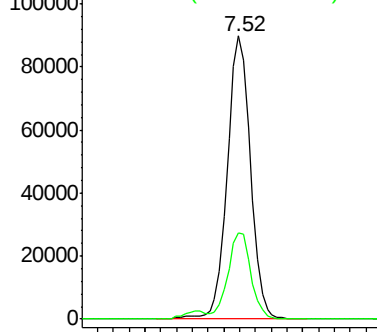
Ion Ratio Lower Upper

63 100

65 30.4 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.67 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

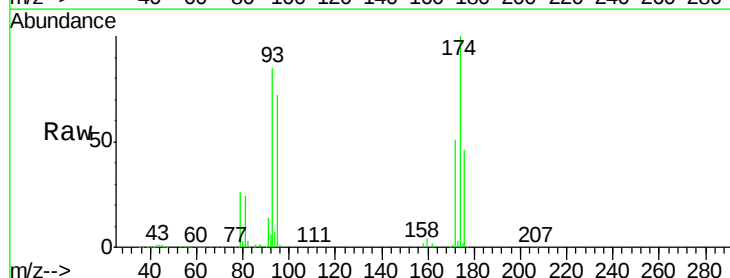
Tgt Ion: 93 Resp: 122339

Ion Ratio Lower Upper

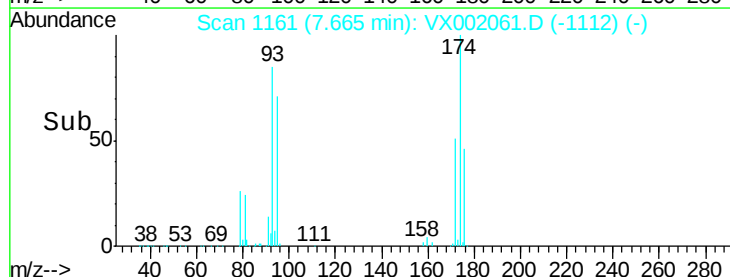
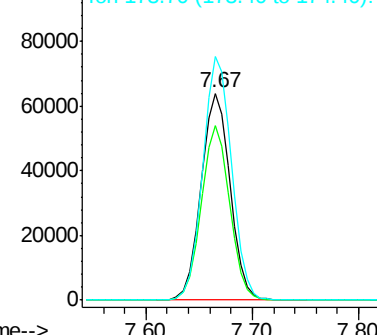
93 100

95 82.7 66.1 99.1

174 117.2 92.5 138.7



Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 44.78 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

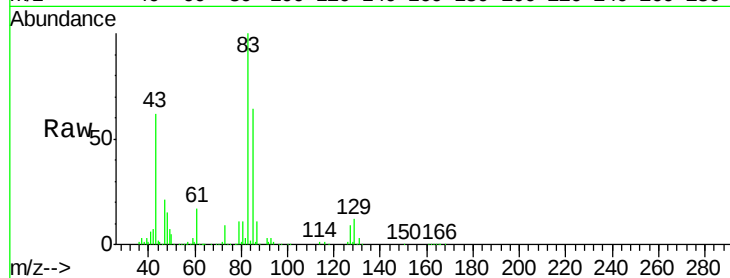
Tot Ion: 83 Resp: 245038

Ion Ratio Lower Upper

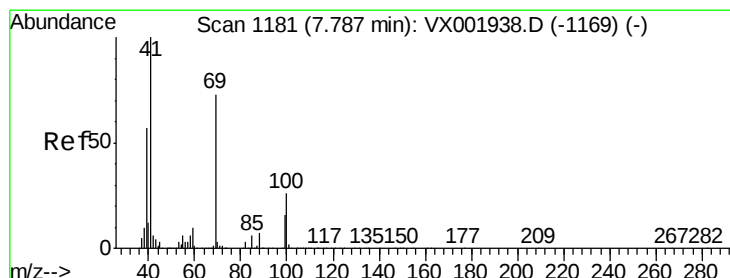
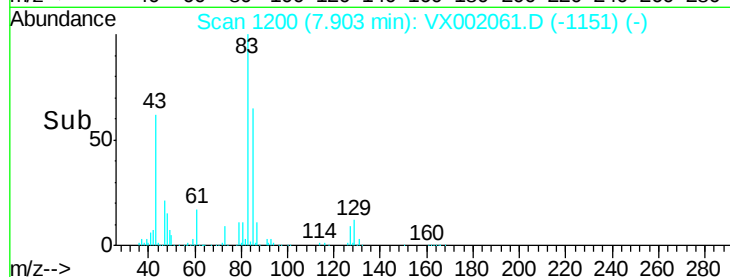
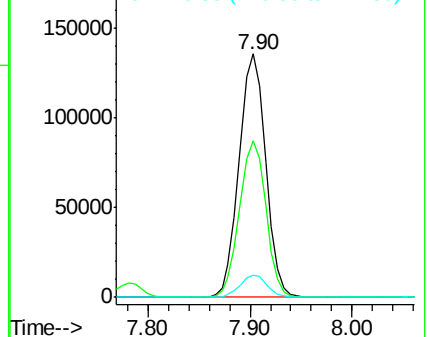
83 100

85 64.4 51.4 77.2

127 8.9 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 44.35 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

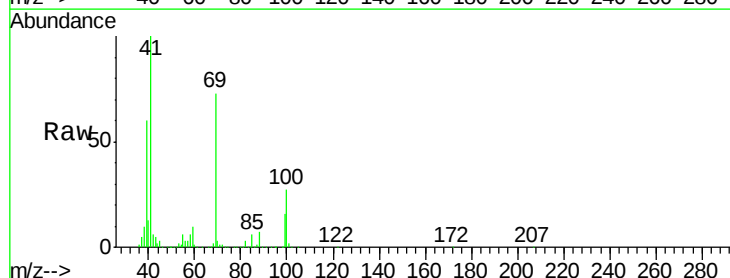
Tgt Ion: 41 Resp: 238873

Ion Ratio Lower Upper

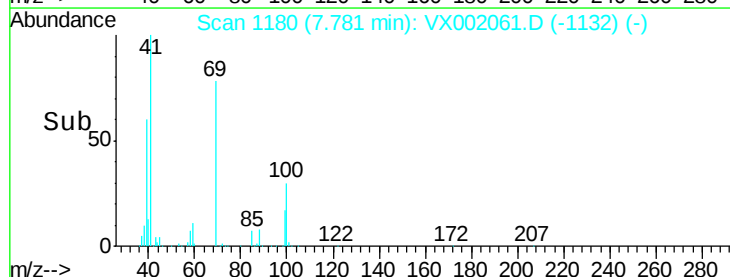
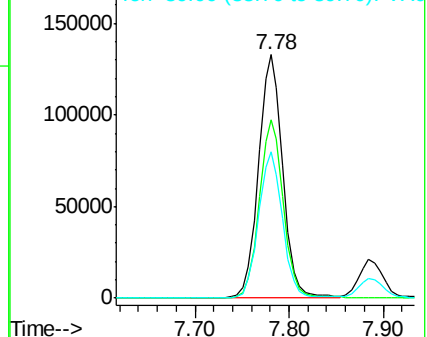
41 100

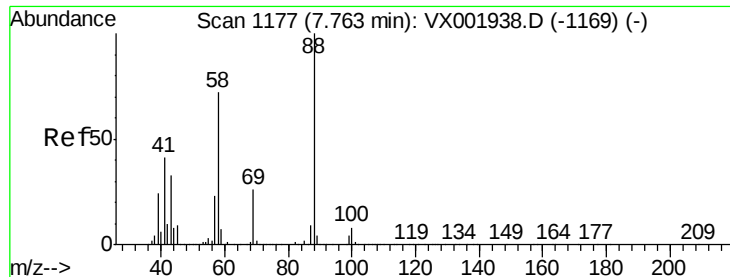
69 73.7 58.6 87.8

39 59.8 46.3 69.5



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

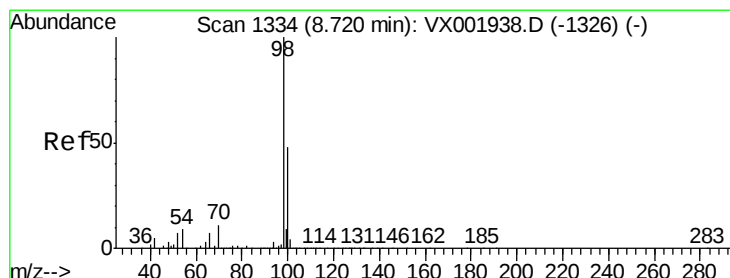
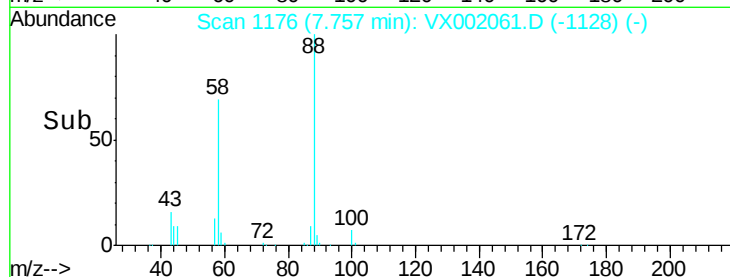
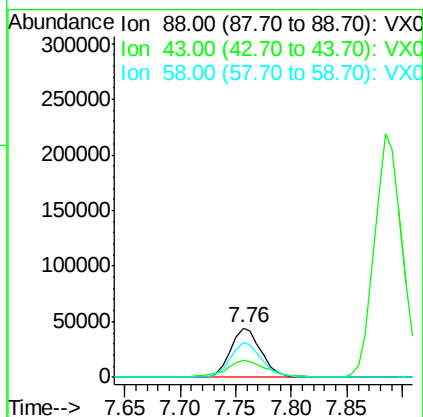
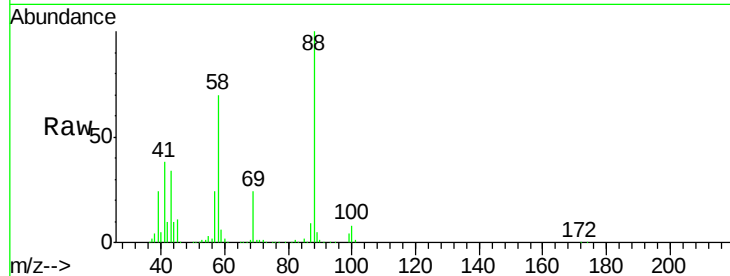




#49
 1,4-Dioxane
 Concen: 884.25 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: VX002061.D
 Acq: 27 May 2018 11:34

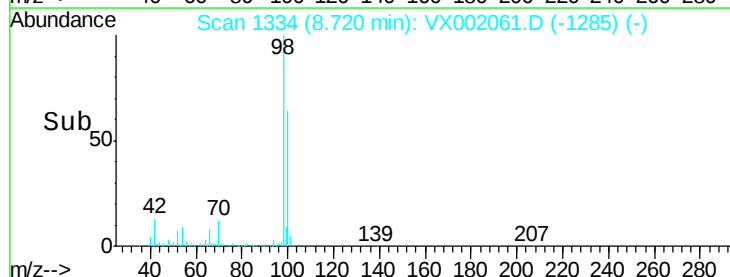
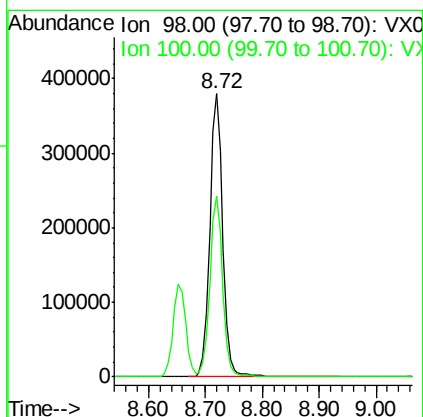
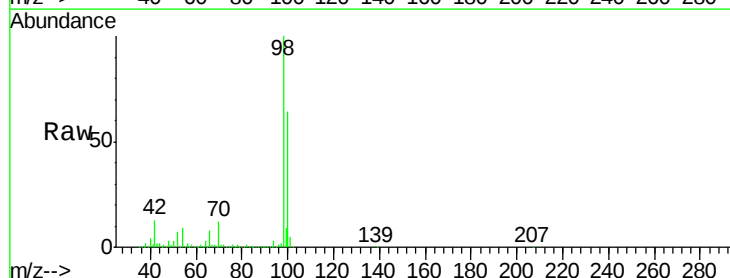
Instrument :
 MSVOA_X
 ClientSampled :

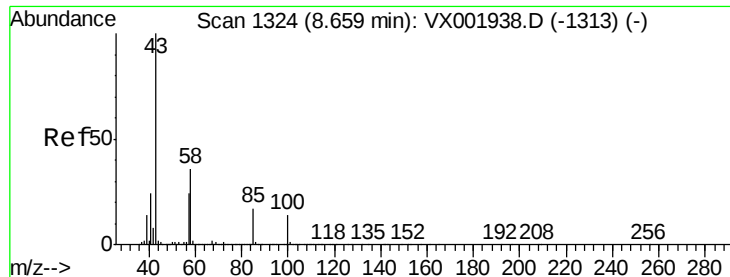
Tot Ion: 88 Resp: 83930
 Ion Ratio Lower Upper
 88 100
 43 43.2 29.8 44.8
 58 72.2 58.7 88.1



#50
 Toluene-d8
 Concen: 47.05 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002061.D
 Acq: 27 May 2018 11:34

Tgt Ion: 98 Resp: 596577
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 227.34 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

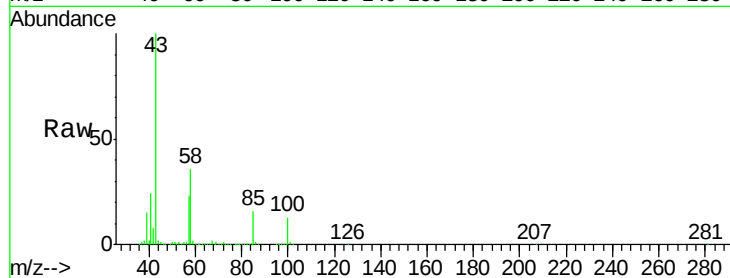
ClientSampleId :

Tot Ion: 43 Resp: 1450314

Ion Ratio Lower Upper

43 100

58 35.4 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

1000000

800000

600000

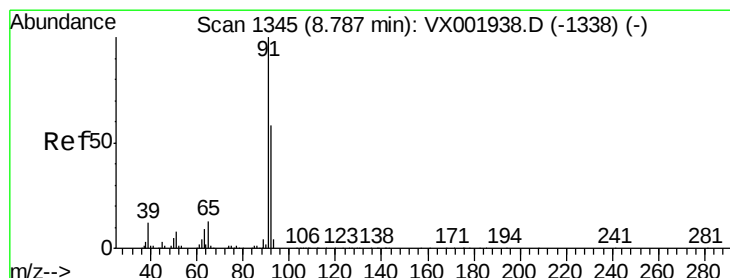
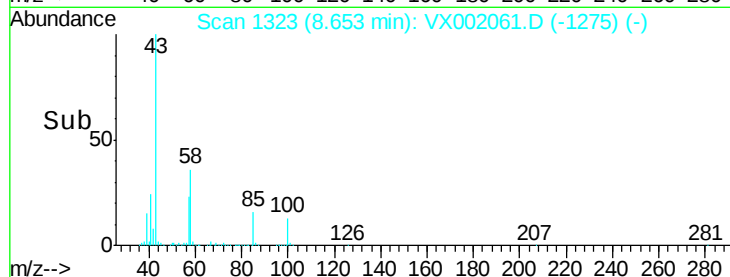
400000

200000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 46.66 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002061.D

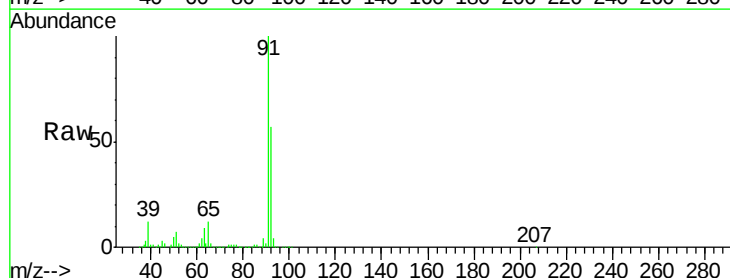
Acq: 27 May 2018 11:34

Tgt Ion: 92 Resp: 423858

Ion Ratio Lower Upper

92 100

91 175.8 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

500000

400000

300000

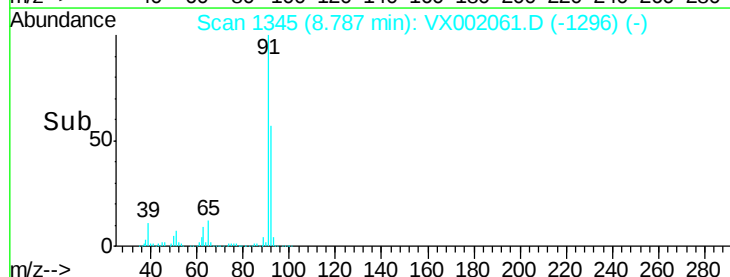
200000

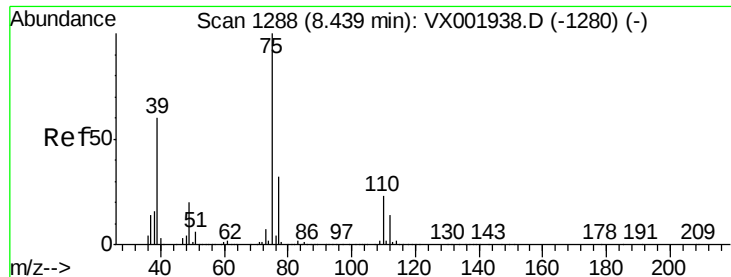
100000

0

8.70 8.80 8.90 9.00

Time-->

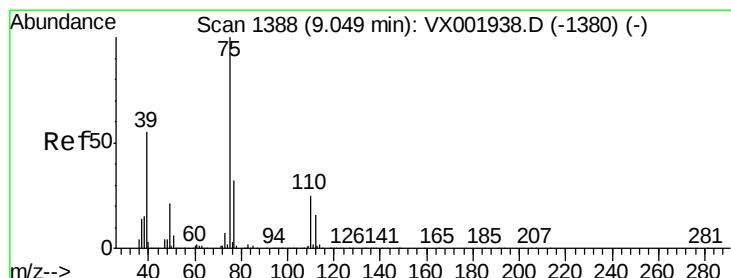
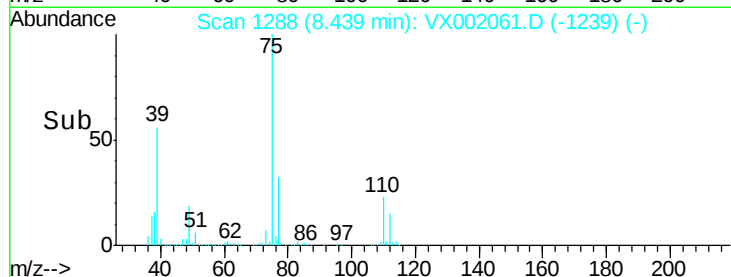
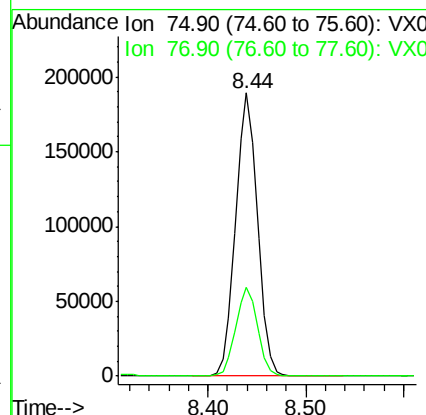
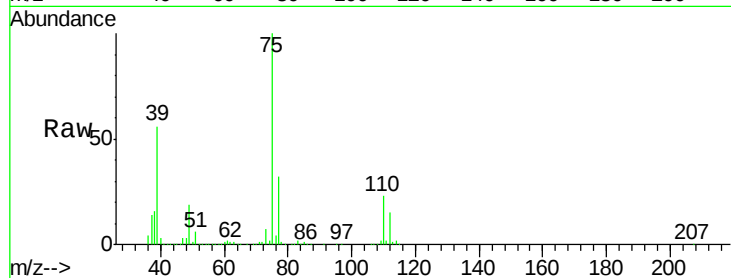




#53
t-1,3-Dichloropropene
Concen: 46.72 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002061.D
Acq: 27 May 2018 11:34

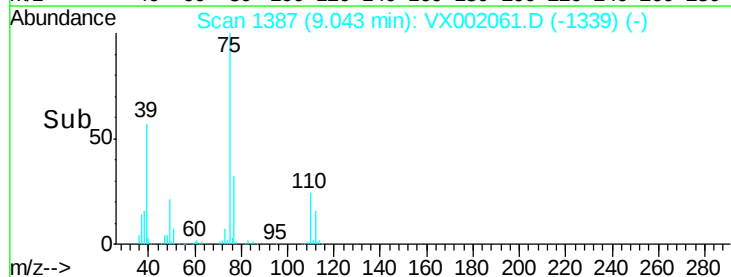
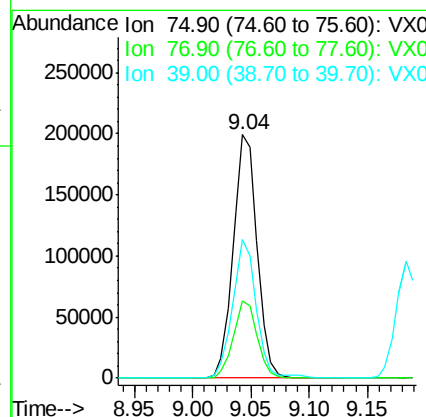
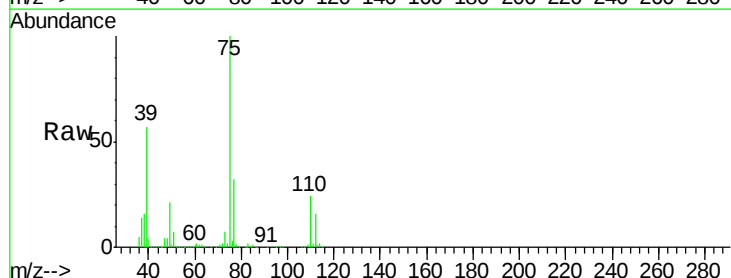
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 294422
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 46.25 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002061.D
Acq: 27 May 2018 11:34

Tgt Ion: 75 Resp: 284023
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 56.9 44.1 66.1





#55

1,1,2-Trichloroethane

Concen: 47.27 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 179381

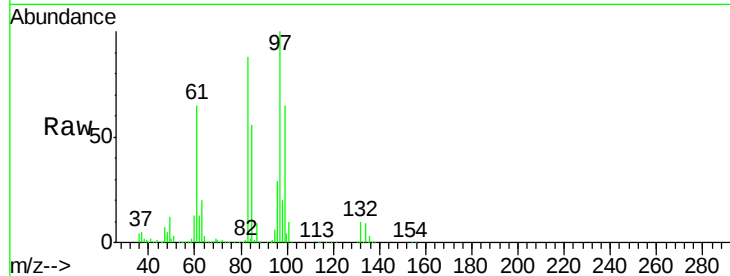
Ion Ratio Lower Upper

97 100

83 87.6 69.1 103.7

85 56.0 45.2 67.8

99 64.6 49.6 74.4

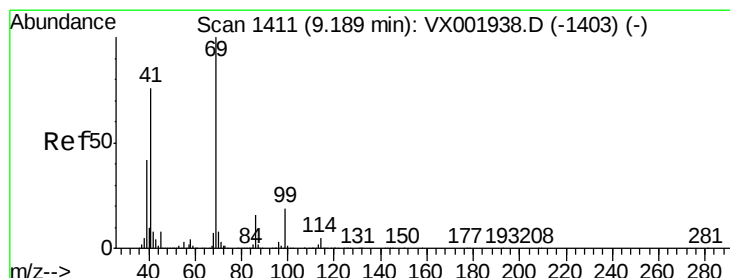
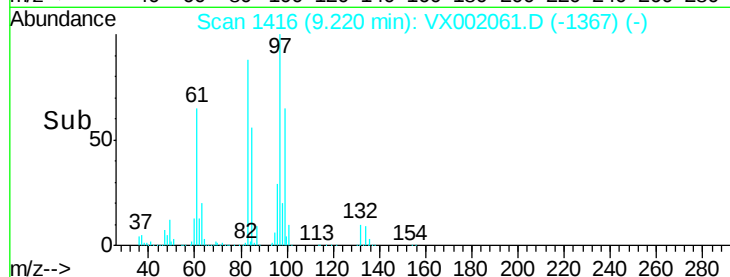
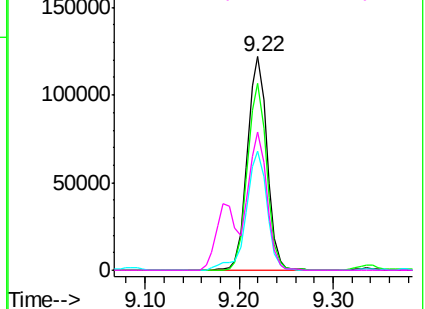


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 45.44 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

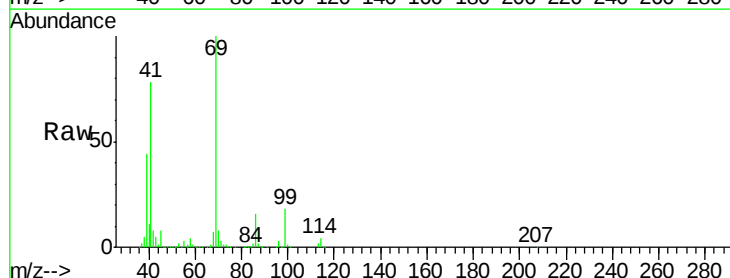
Tgt Ion: 69 Resp: 296610

Ion Ratio Lower Upper

69 100

41 76.9 61.0 91.6

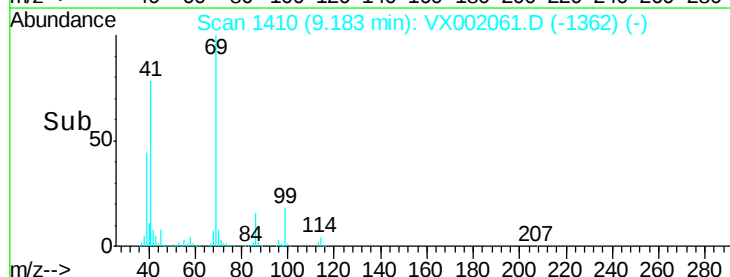
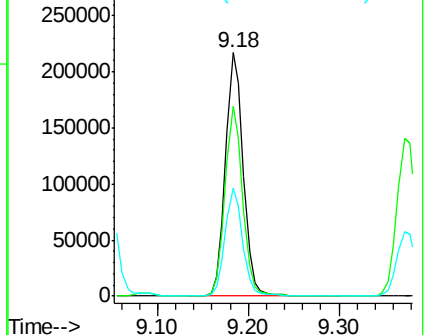
39 43.7 34.4 51.6

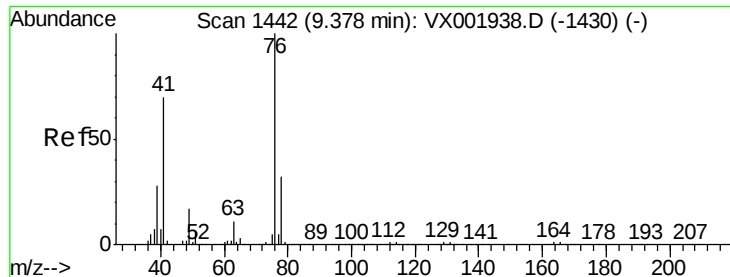


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.07 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

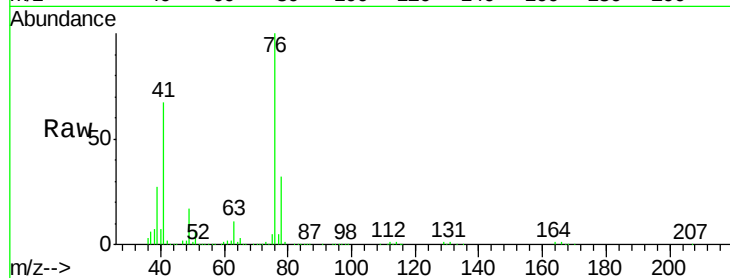
ClientSampleId :

Tot Ion: 76 Resp: 300467

Ion Ratio Lower Upper

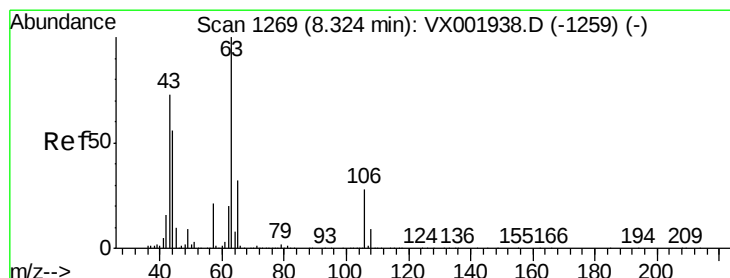
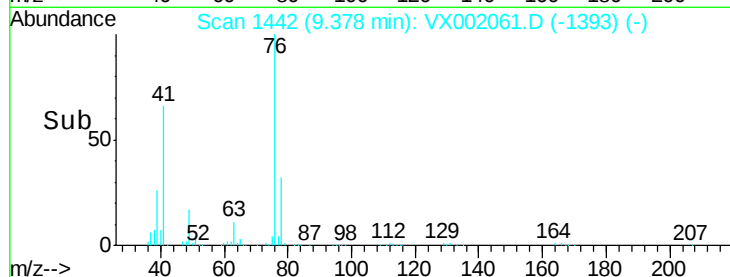
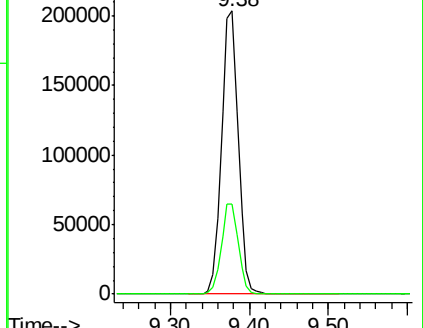
76 100

78 32.1 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: 250.27 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002061.D

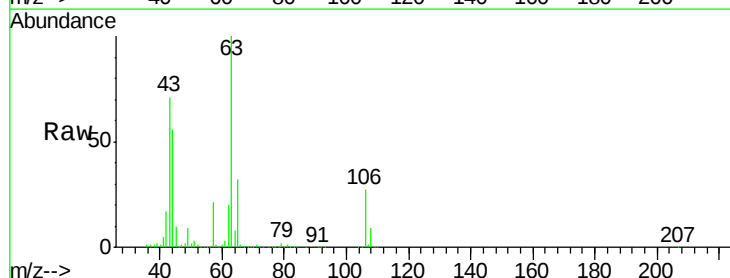
Acq: 27 May 2018 11:34

Tgt Ion: 63 Resp: 724010

Ion Ratio Lower Upper

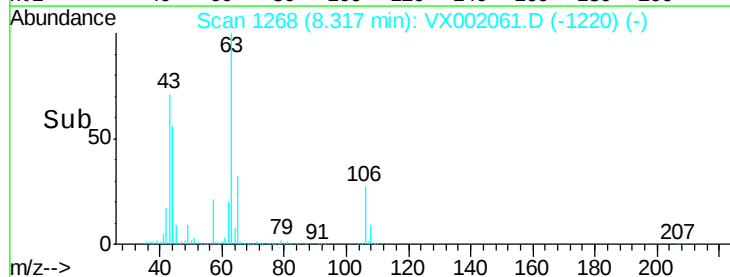
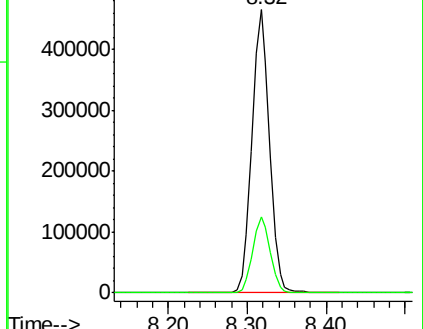
63 100

106 27.2 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

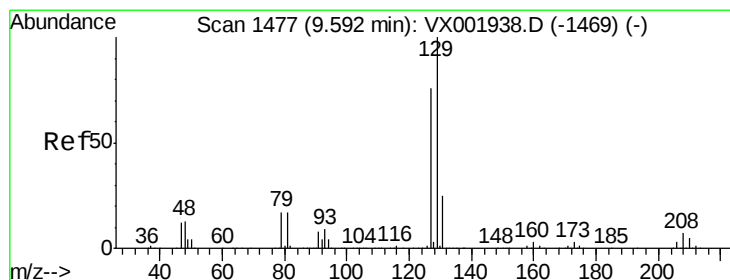
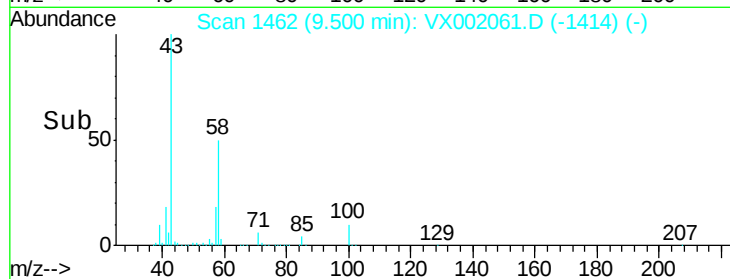
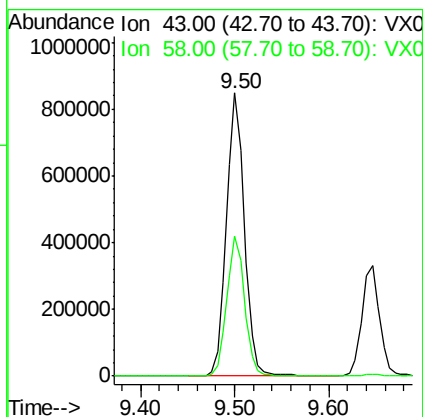
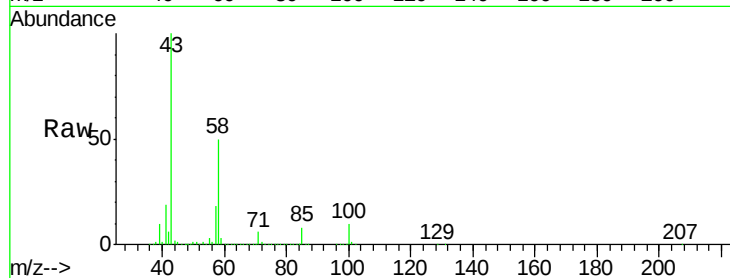




#59
2-Hexanone
Concen: 228.28 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002061.D
Acq: 27 May 2018 11:34

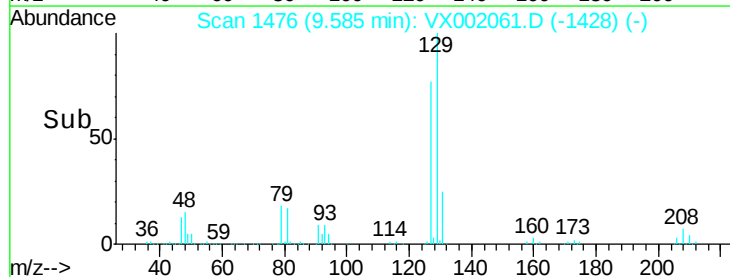
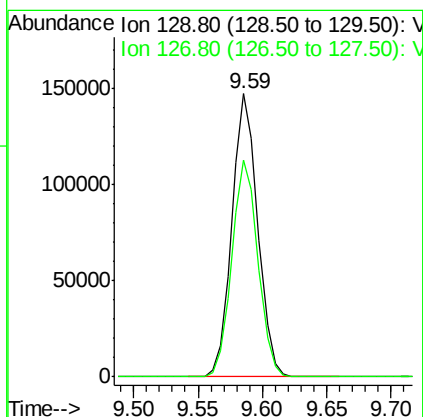
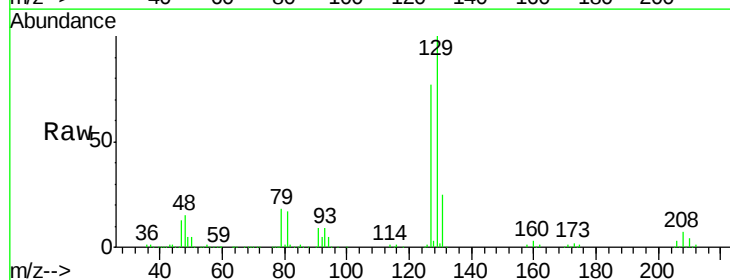
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1122950
Ion Ratio Lower Upper
43 100
58 49.5 24.9 74.6



#60
Dibromochloromethane
Concen: 45.90 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002061.D
Acq: 27 May 2018 11:34

Tgt Ion:129 Resp: 206308
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.9

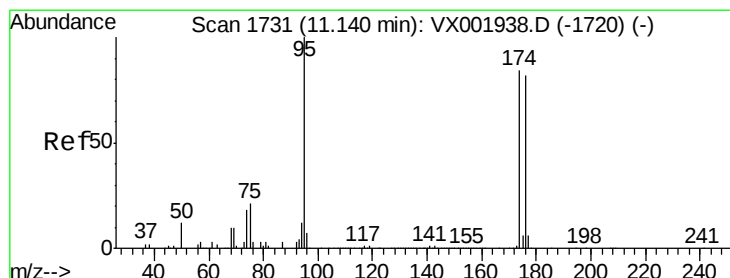
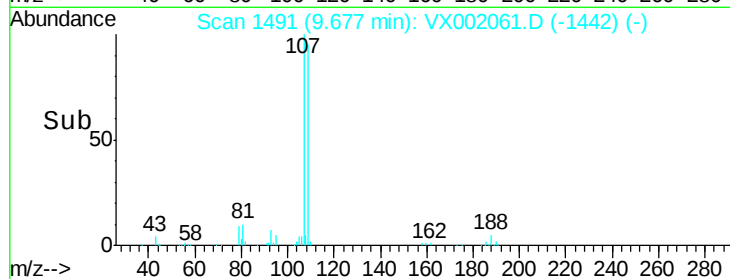
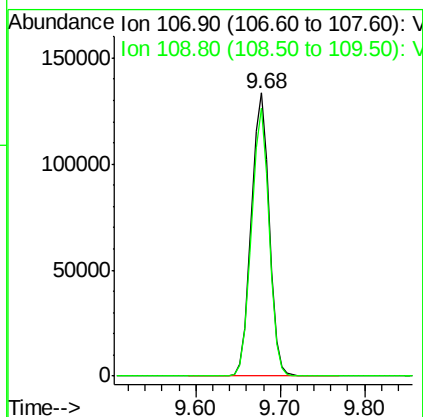
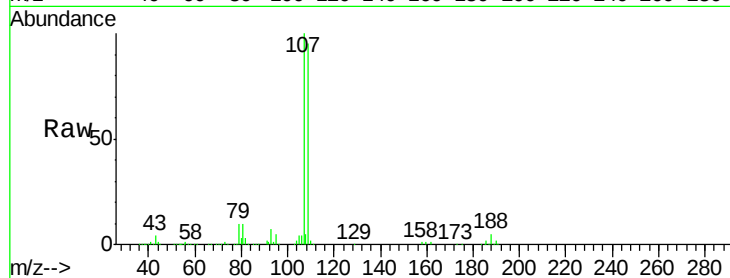




#61
 1,2-Dibromoethane
 Concen: 47.73 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002061.D
 Acq: 27 May 2018 11:34

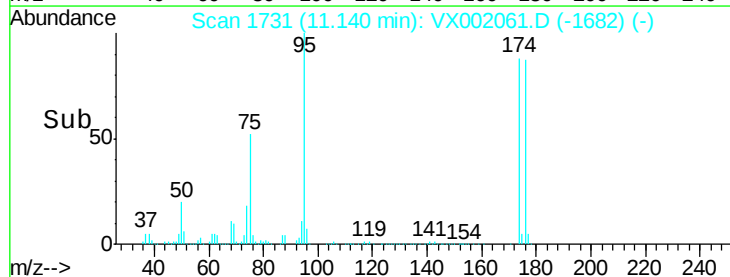
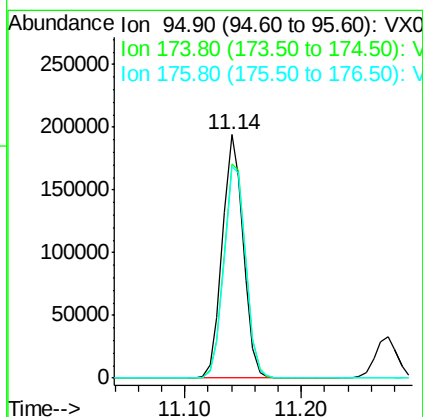
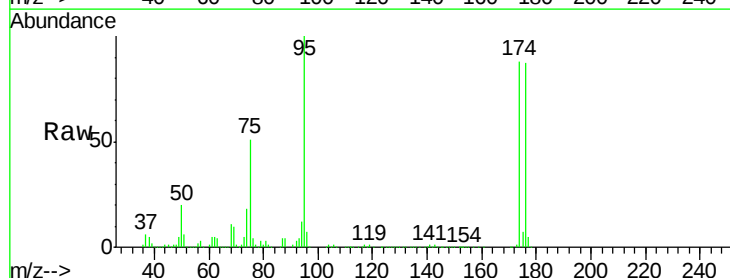
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:107 Resp: 190047
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 48.58 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002061.D
 Acq: 27 May 2018 11:34

Tgt Ion: 95 Resp: 241010
 Ion Ratio Lower Upper
 95 100
 174 92.2 0.0 178.8
 176 90.6 0.0 175.6

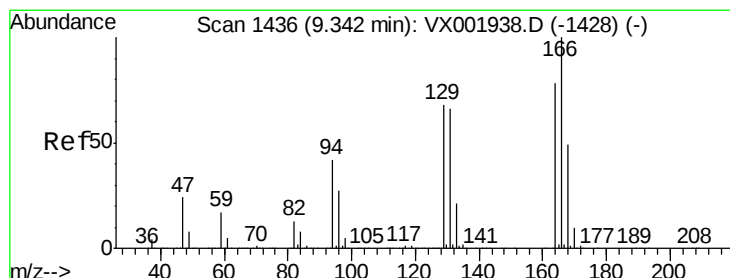
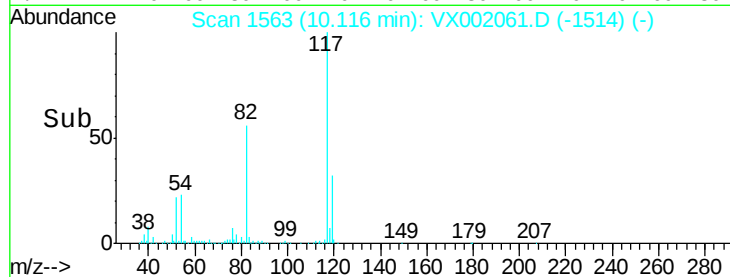
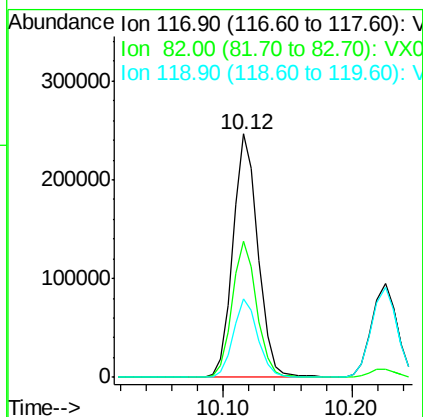
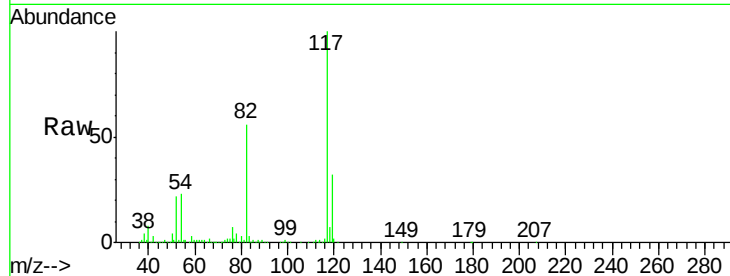




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002061.D
Acq: 27 May 2018 11:34

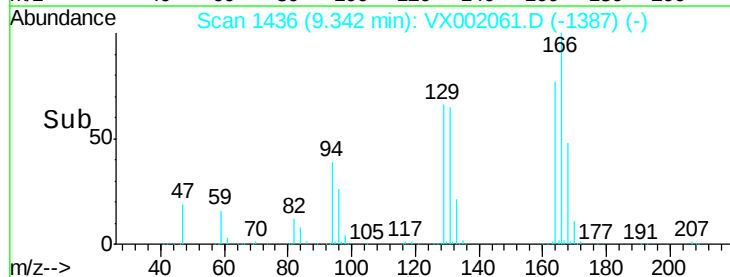
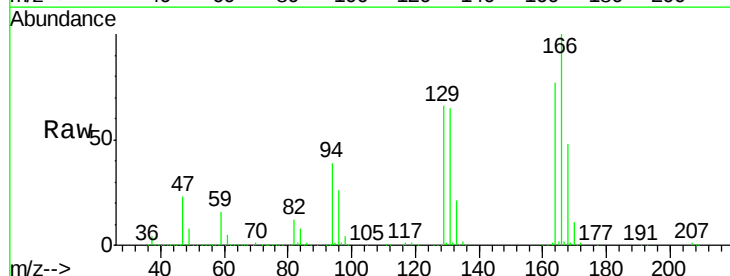
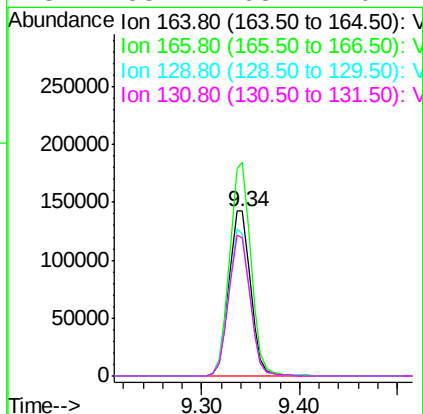
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.8	67.2
119	32.1	25.5	38.3



#64
Tetrachloroethene
Concen: 45.67 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002061.D
Acq: 27 May 2018 11:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	102.7	154.1
129	86.0	70.3	105.5
131	83.7	68.2	102.4





#65

Chlorobenzene

Concen: 46.59 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

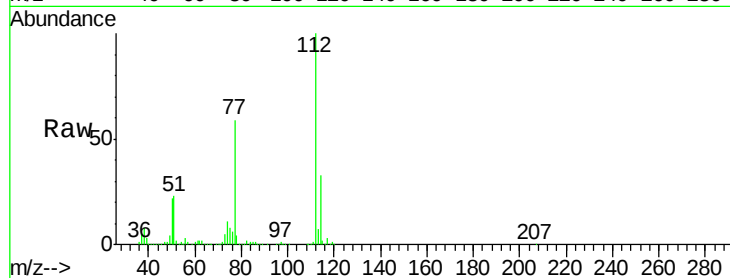
ClientSampleId :

Tot Ion:112 Resp: 493116

Ion Ratio Lower Upper

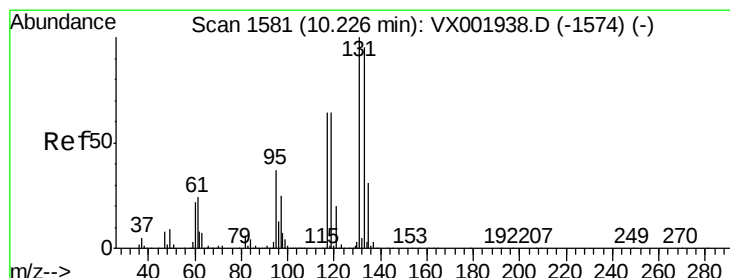
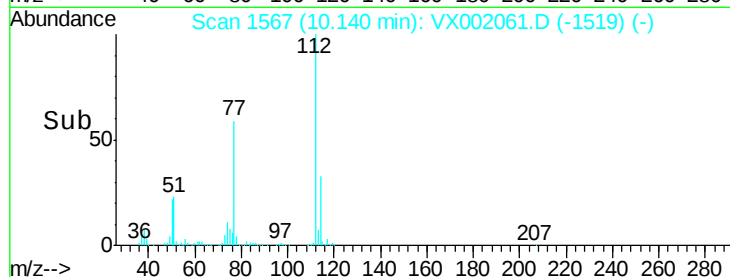
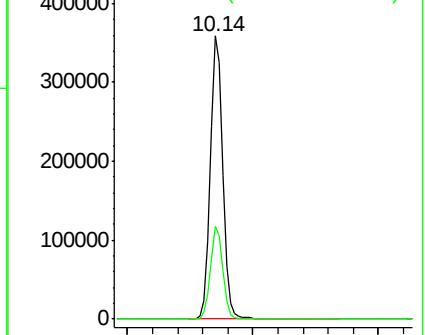
112 100

114 32.6 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: 45.27 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

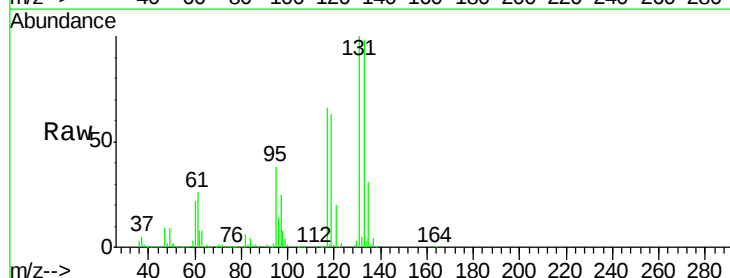
Tgt Ion:131 Resp: 193457

Ion Ratio Lower Upper

131 100

133 96.6 48.0 144.0

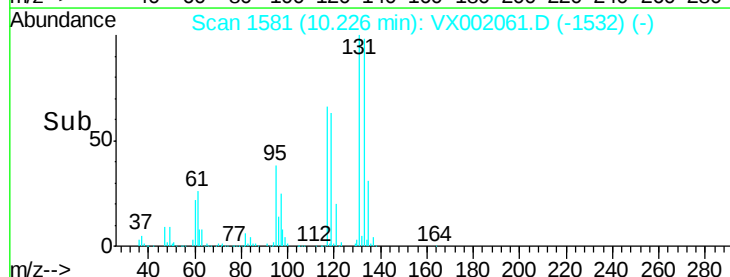
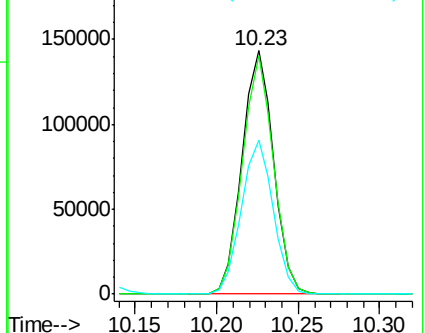
119 63.8 31.9 95.5

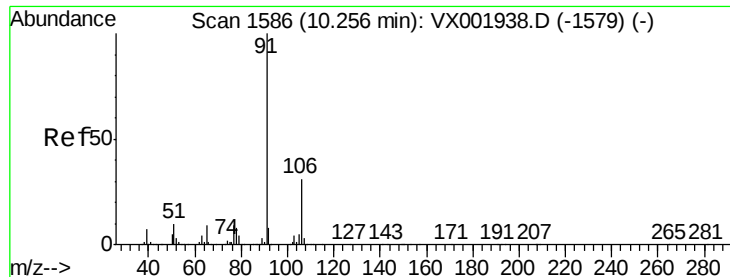


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 46.06 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

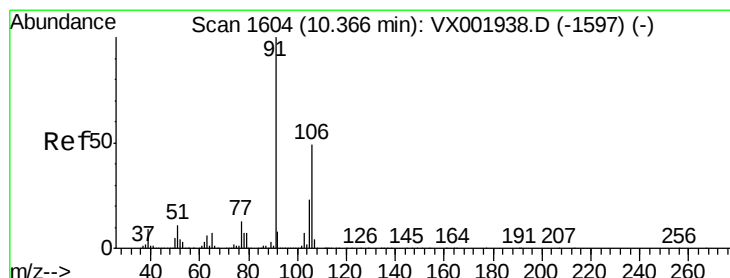
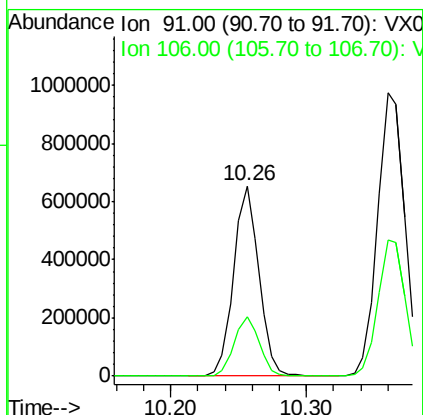
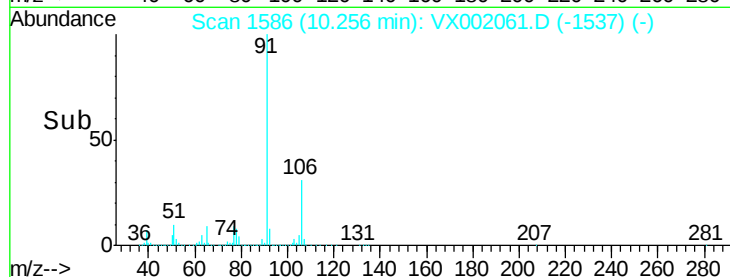
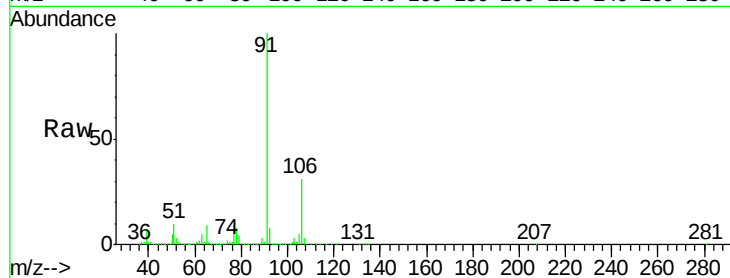
ClientSampleId :

Tot Ion: 91 Resp: 846905

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.6



#68

m/p-Xylenes

Concen: 93.41 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002061.D

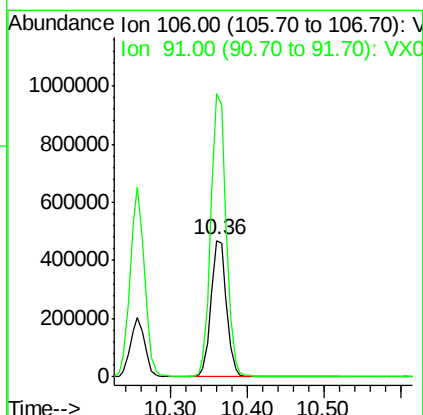
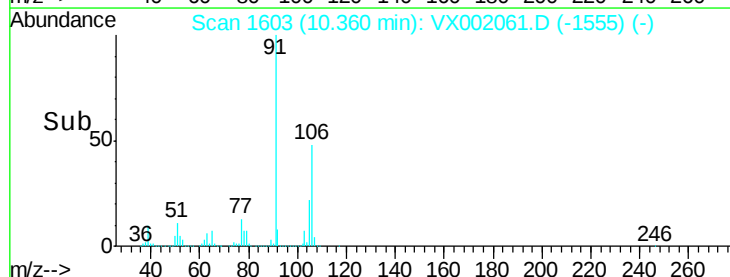
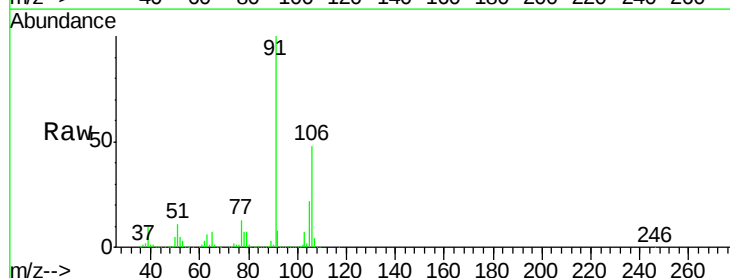
Acq: 27 May 2018 11:34

Tgt Ion: 106 Resp: 656587

Ion Ratio Lower Upper

106 100

91 205.9 165.0 247.6

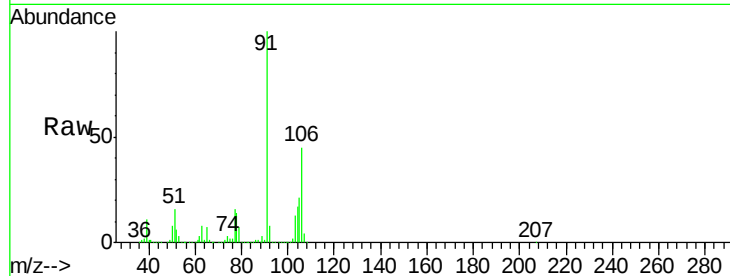




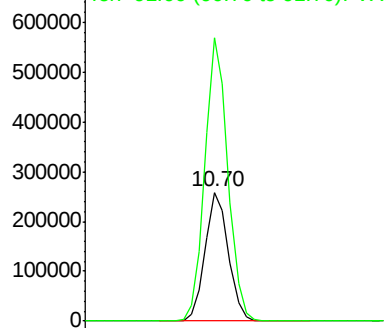
#69
o-Xylene
Concen: 46.57 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002061.D
Acq: 27 May 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :

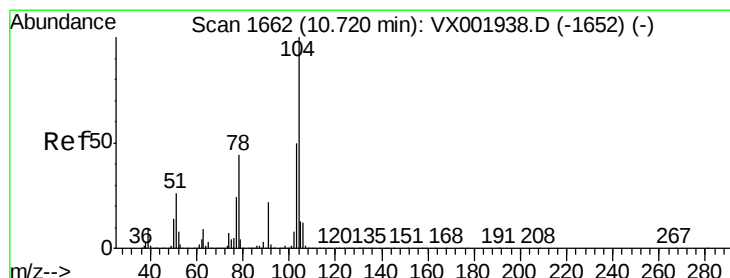
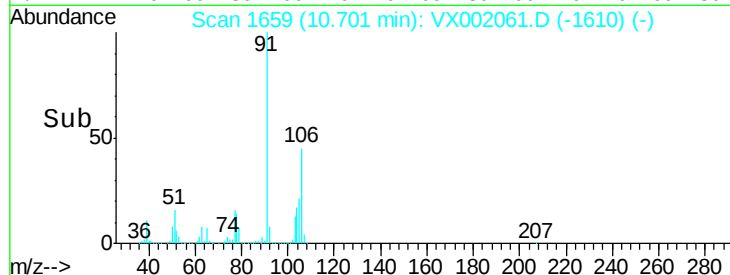
Tot Ion:106 Resp: 326859
Ion Ratio Lower Upper
106 100
91 217.5 108.7 325.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

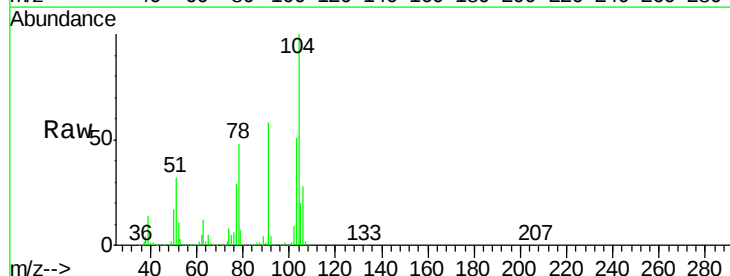


Time-->

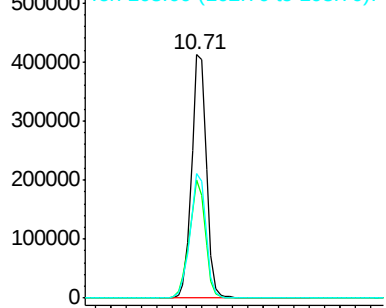


#70
Styrene
Concen: 47.54 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002061.D
Acq: 27 May 2018 11:34

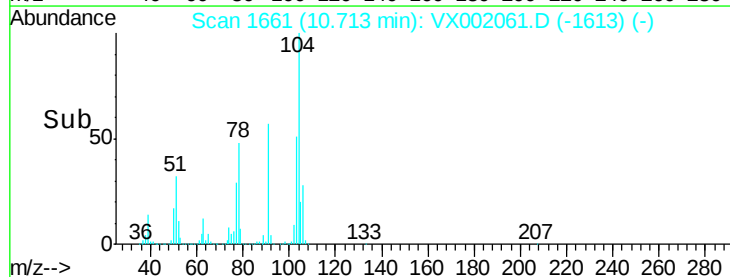
Tgt Ion:104 Resp: 553316
Ion Ratio Lower Upper
104 100
78 52.0 41.8 62.6
103 55.2 44.6 67.0



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-->





#71

Bromoform

Concen: 42.42 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

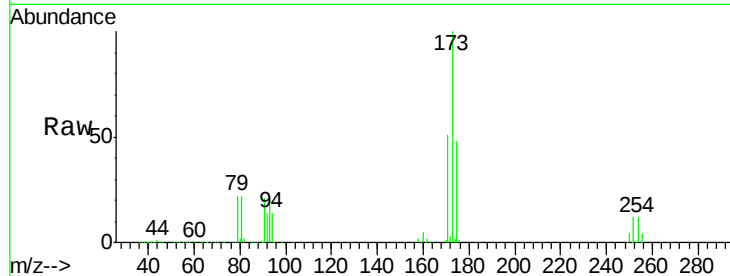
Tot Ion:173 Resp: 171905

Ion Ratio Lower Upper

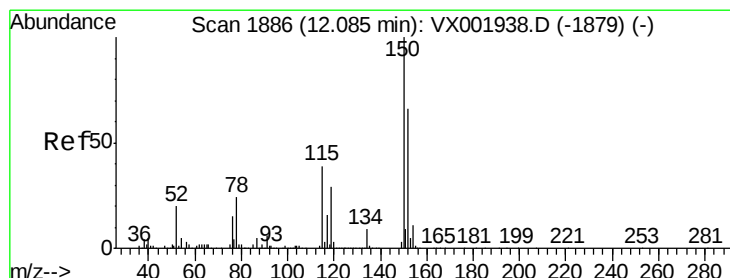
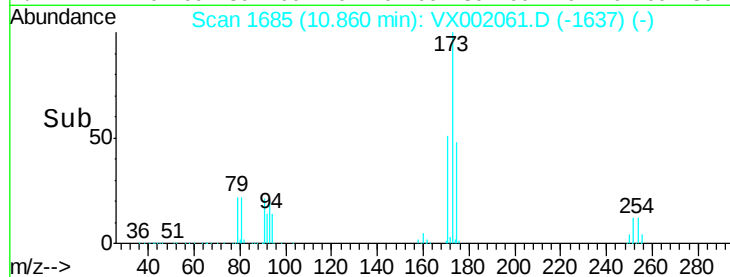
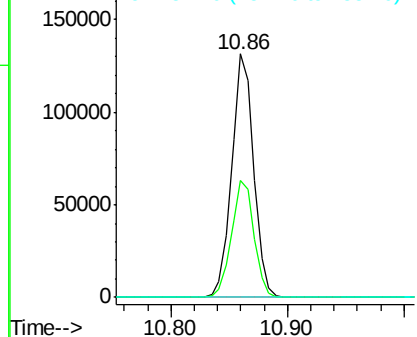
173 100

175 49.0 24.3 72.9

254 0.2 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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

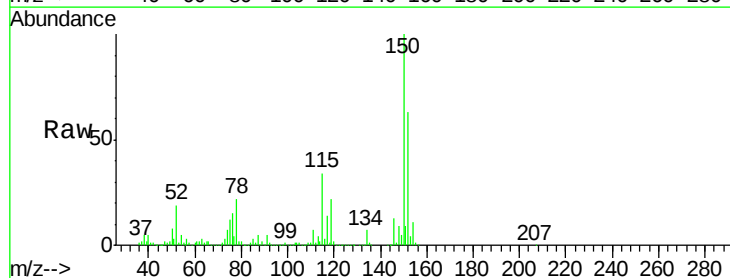
Tgt Ion:152 Resp: 237049

Ion Ratio Lower Upper

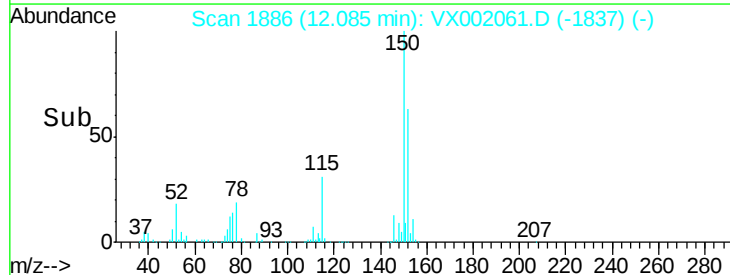
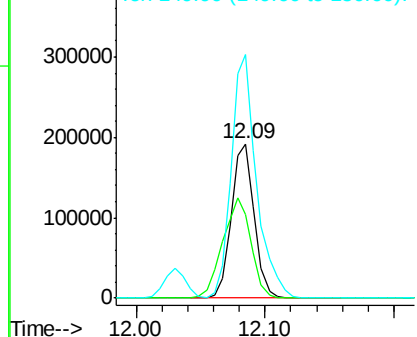
152 100

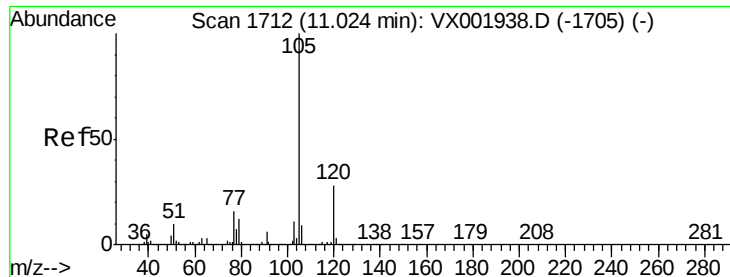
115 80.9 42.3 126.8

150 174.7 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: 43.08 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

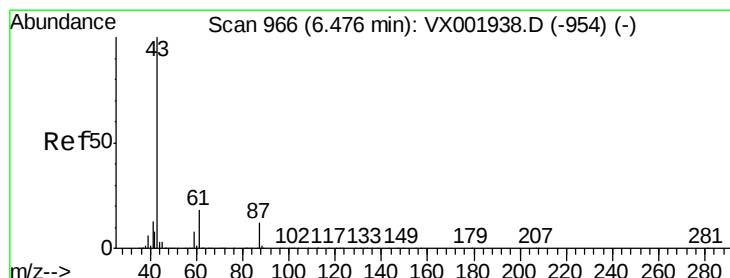
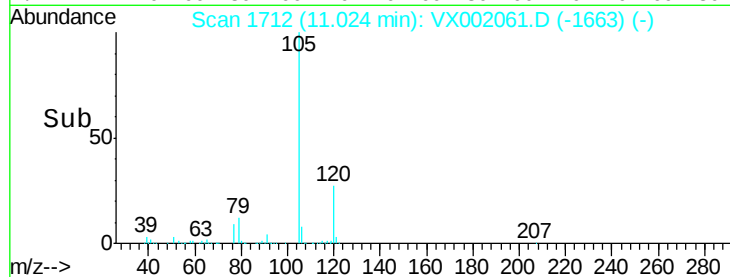
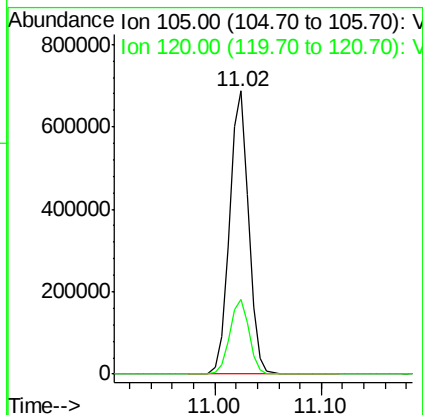
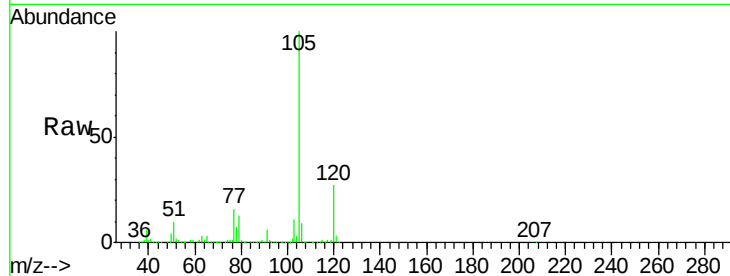
ClientSampled :

Tot Ion:105 Resp: 864739

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



#74

N-ethyl acetate

Concen: 45.15 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Tgt Ion: 43 Resp: 473331

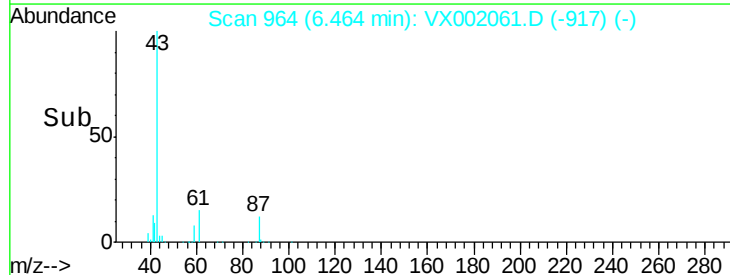
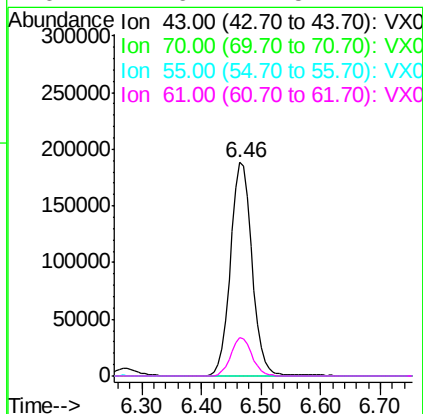
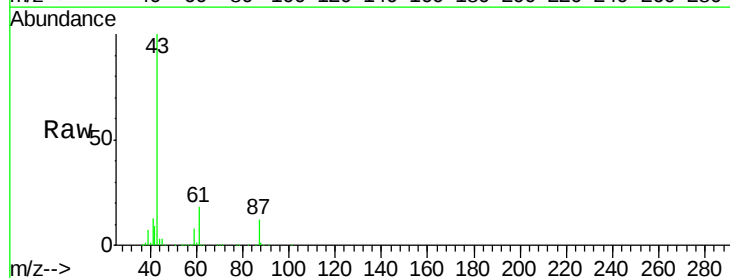
Ion Ratio Lower Upper

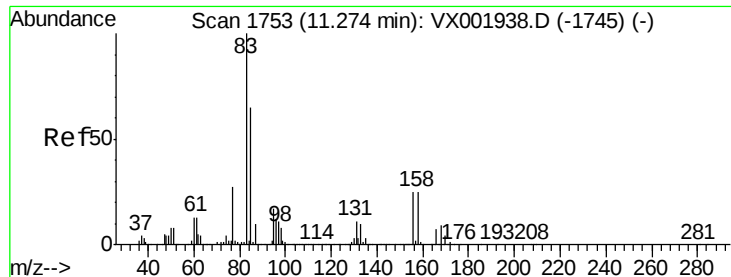
43 100

70 0.0 0.1 0.1#

55 0.0 0.1 0.1#

61 17.6 14.5 21.7





#75

1,1,2,2-Tetrachloroethane

Concen: 48.18 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

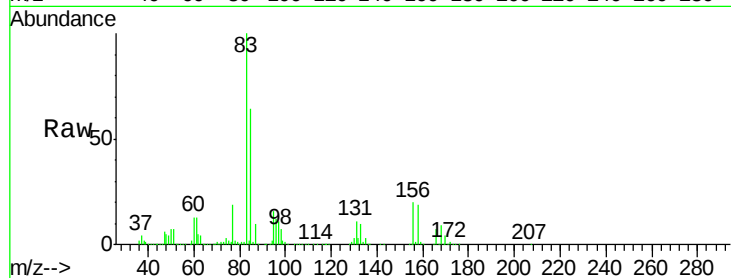
Tot Ion: 83 Resp: 264786

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.0

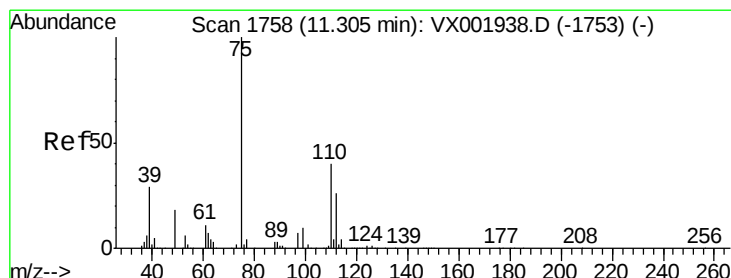
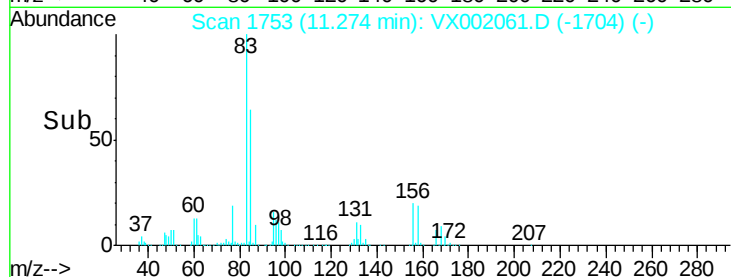
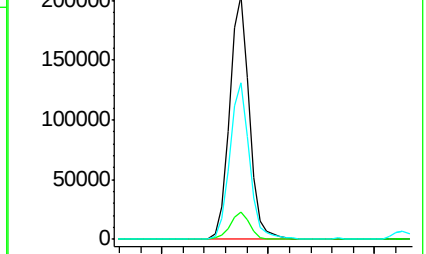
85 64.4 32.6 97.7



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: 50.04 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002061.D

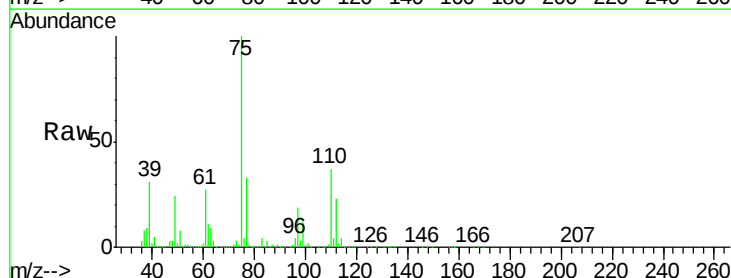
Acq: 27 May 2018 11:34

Tgt Ion: 75 Resp: 284933

Ion Ratio Lower Upper

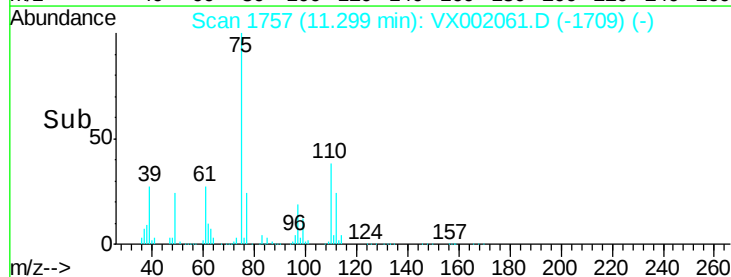
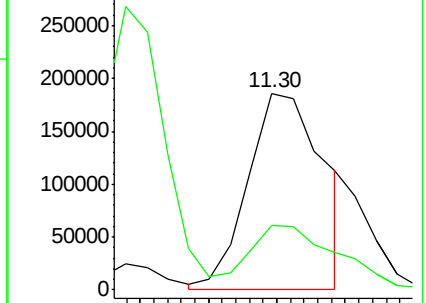
75 100

77 38.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

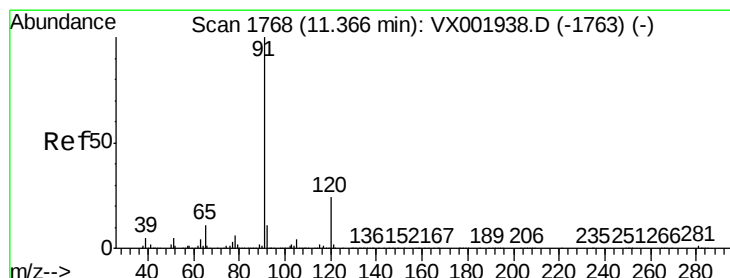
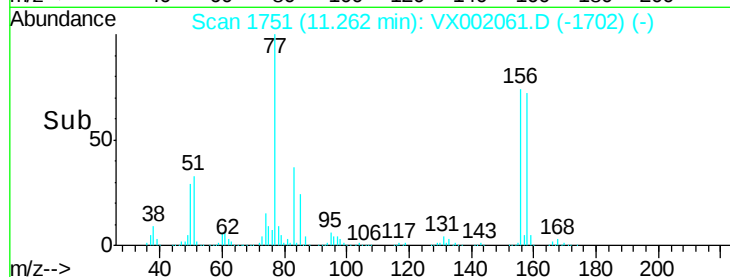
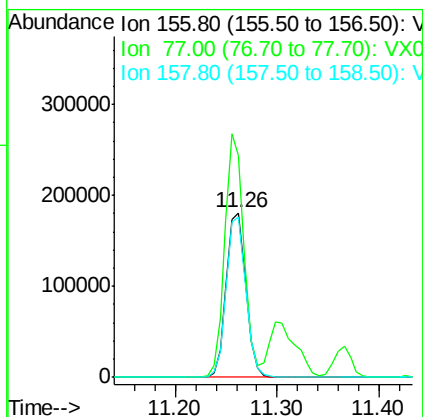
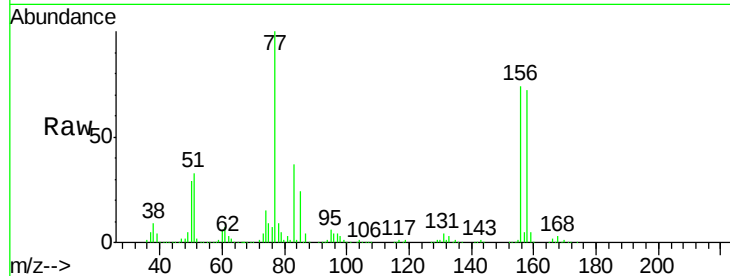




#77
Bromobenzene
Concen: 45.24 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX002061.D
Acq: 27 May 2018 11:34

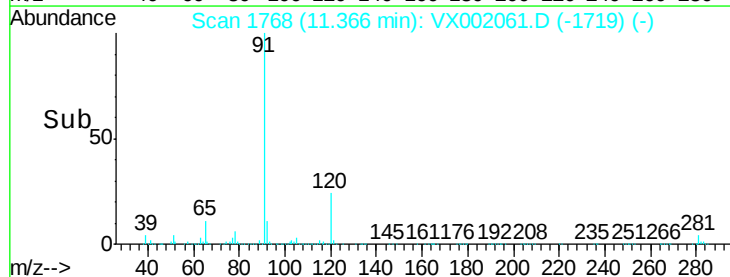
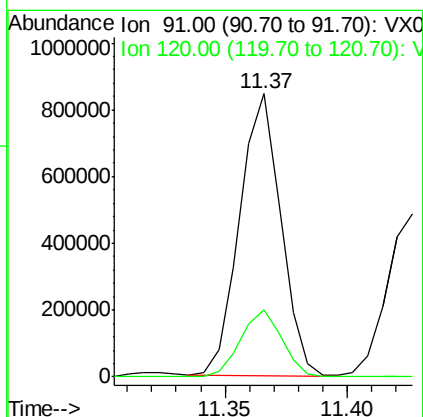
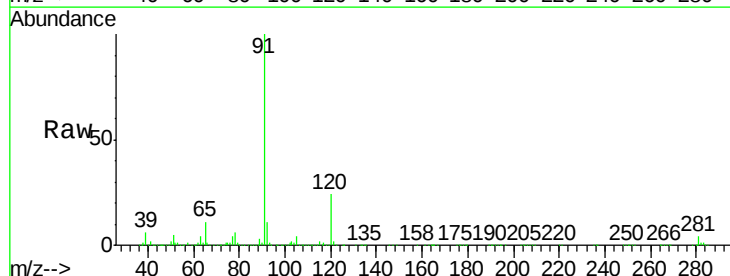
Instrument :
MSVOA_X
ClientSampleId :

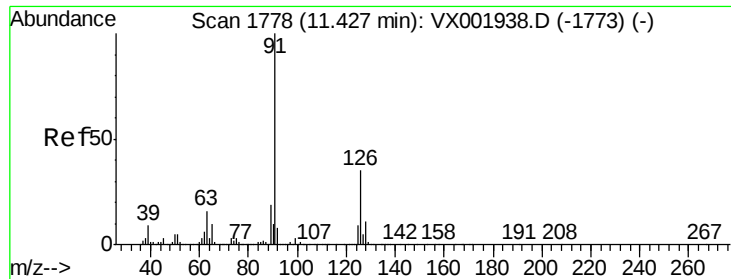
Tot Ion:156 Resp: 240926
Ion Ratio Lower Upper
156 100
77 143.3 75.2 225.6
158 97.2 48.6 145.8



#78
n-propylbenzene
Concen: 44.31 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX002061.D
Acq: 27 May 2018 11:34

Tgt Ion: 91 Resp: 996130
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.7





#79

2-Chlorotoluene

Concen: 48.93 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

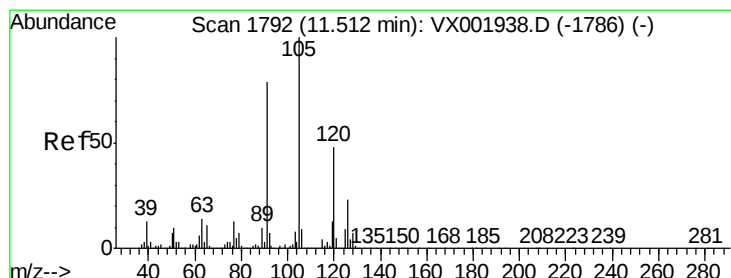
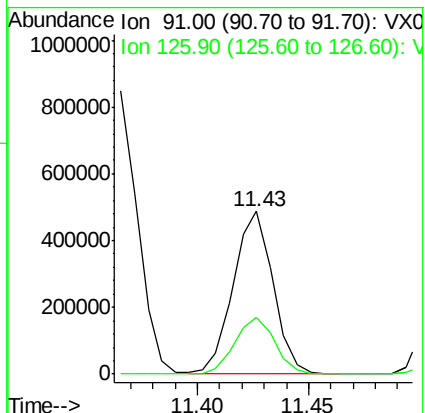
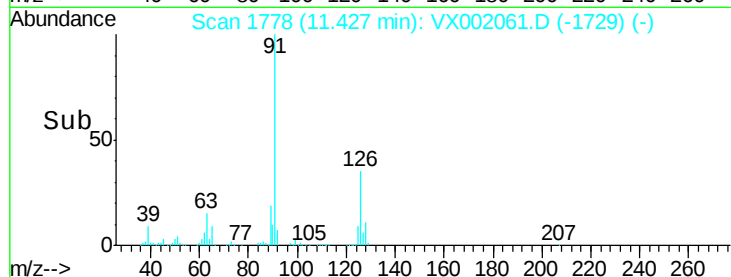
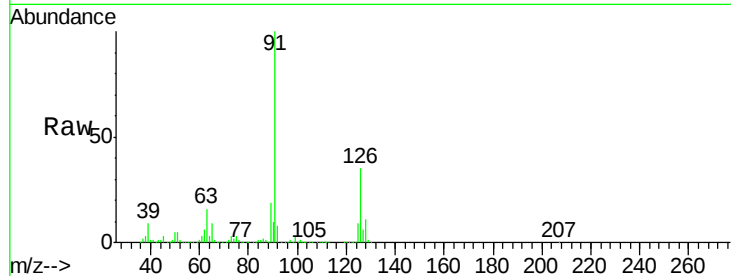
ClientSampleId :

Tot Ion: 91 Resp: 604101

Ion Ratio Lower Upper

91 100

126 35.0 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 43.91 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002061.D

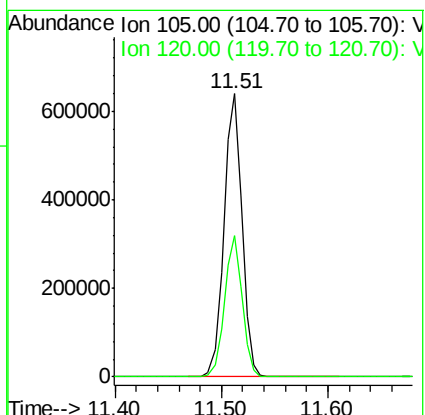
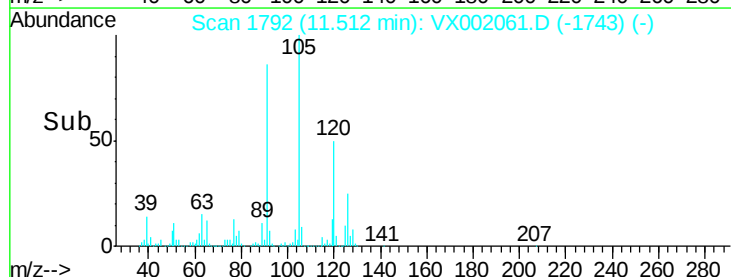
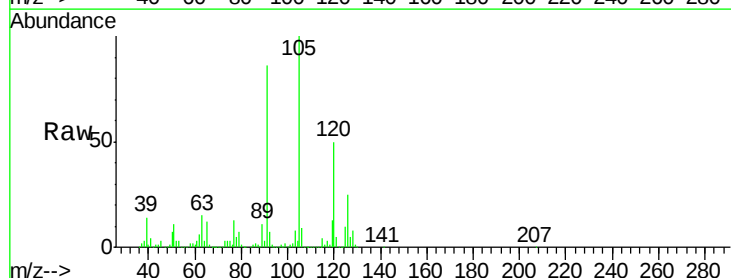
Acq: 27 May 2018 11:34

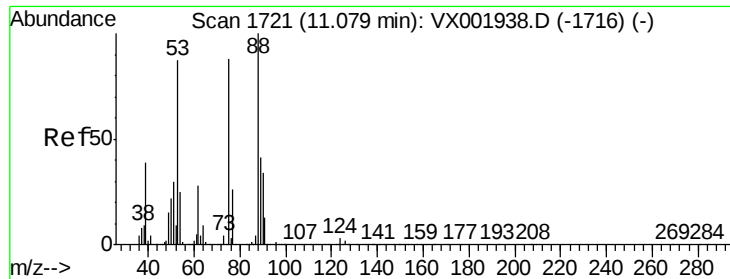
Tgt Ion: 105 Resp: 753285

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 39.63 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

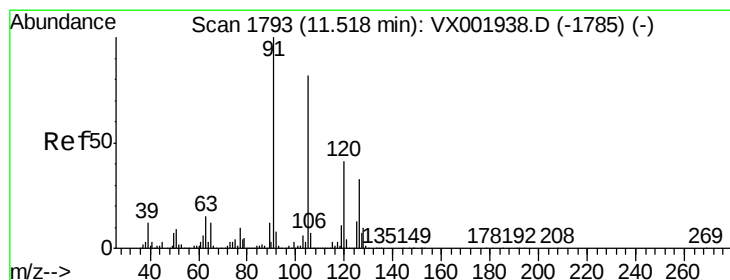
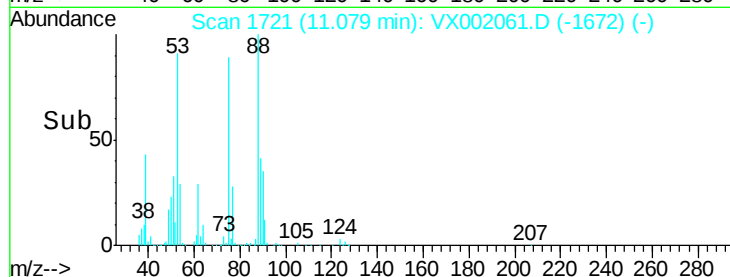
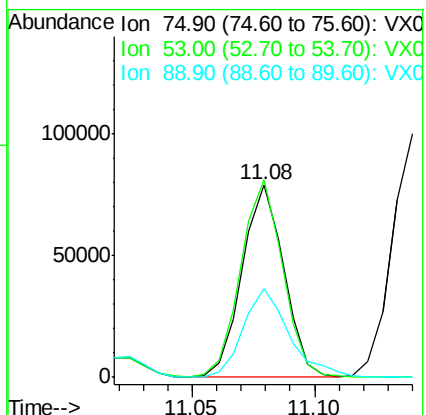
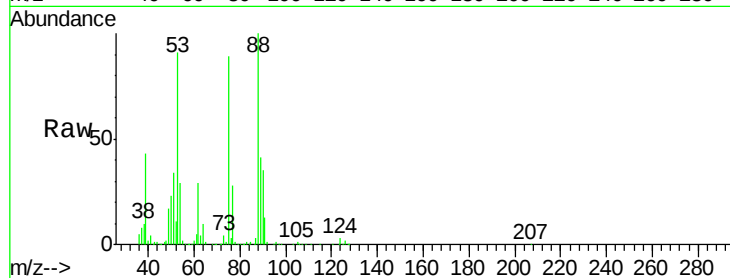
Tot Ion: 75 Resp: 93894

Ion Ratio Lower Upper

75 100

53 103.9 78.0 117.0

89 51.3 39.4 59.2



#82

4-Chlorotoluene

Concen: 45.21 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX002061.D

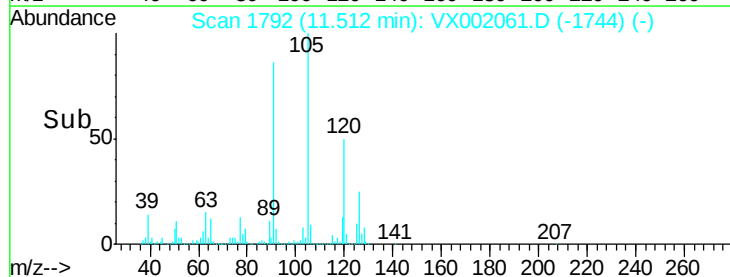
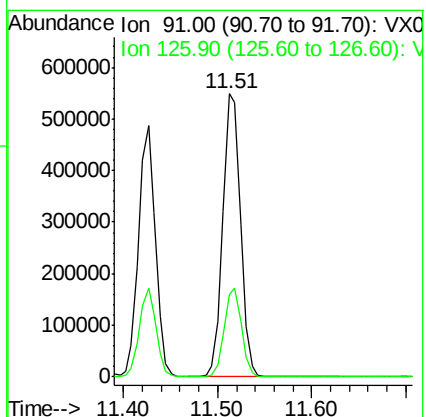
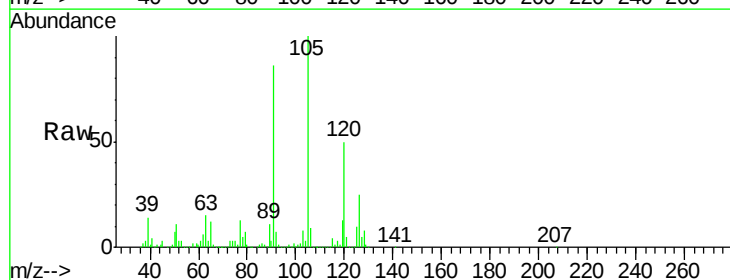
Acq: 27 May 2018 11:34

Tgt Ion: 91 Resp: 716903

Ion Ratio Lower Upper

91 100

126 30.6 15.3 45.8

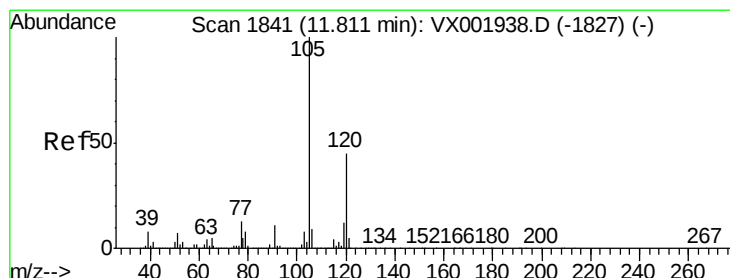
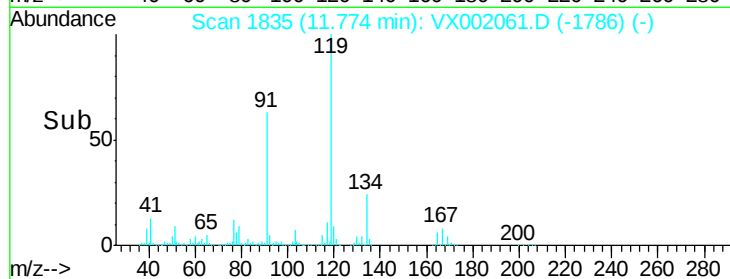
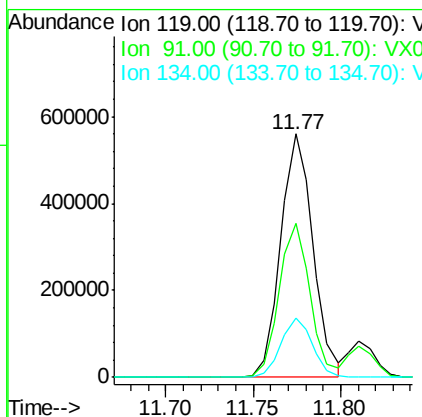
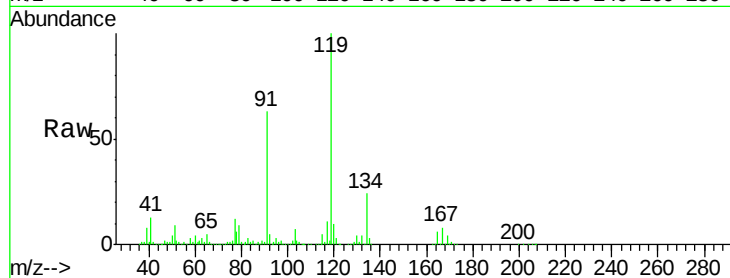




#83
tert-Butylbenzene
Concen: 42.92 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002061.D
Acq: 27 May 2018 11:34

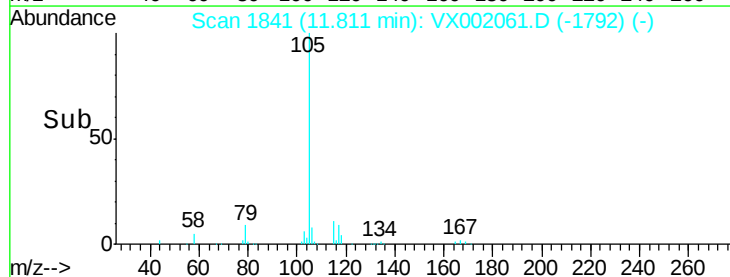
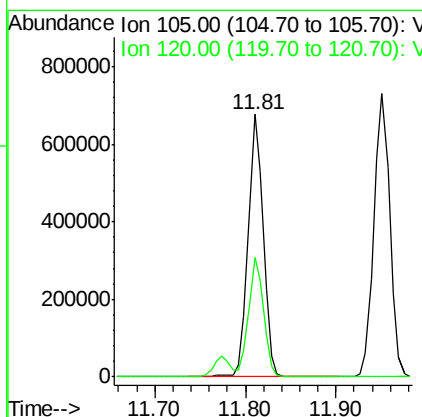
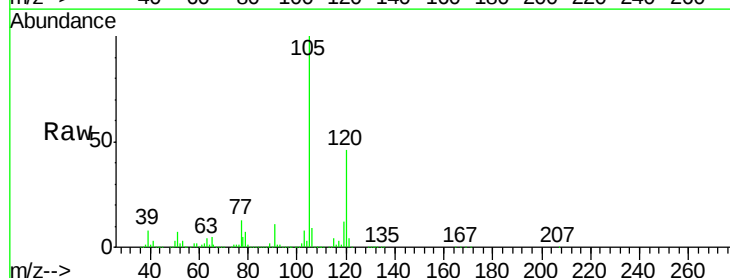
Instrument :
MSVOA_X
ClientSampleId :

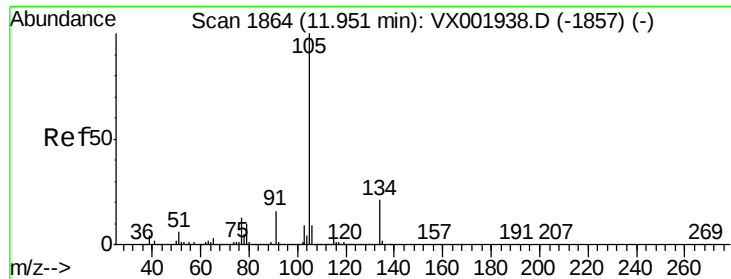
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.0	30.6	91.8
134	23.5	11.7	35.0



#84
1,2,4-Trimethylbenzene
Concen: 44.46 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002061.D
Acq: 27 May 2018 11:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.1	66.5





#85

sec-Butylbenzene

Concen: 43.98 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

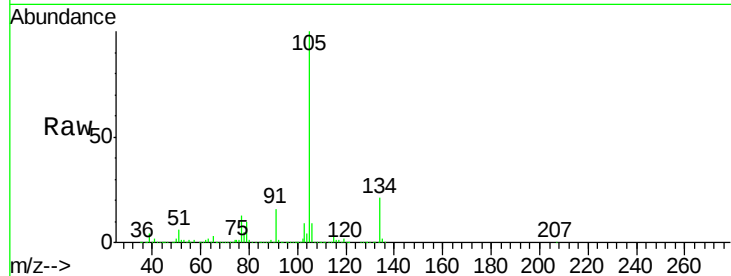
ClientSampled :

Tot Ion:105 Resp: 889985

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

800000

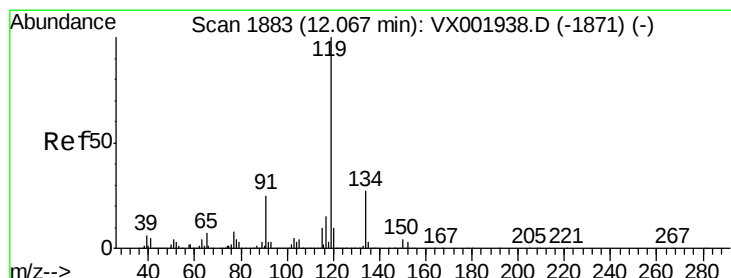
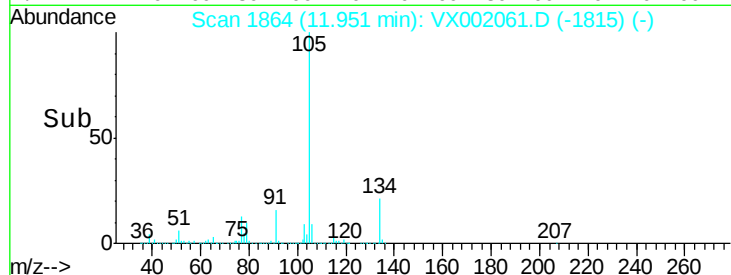
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 44.82 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

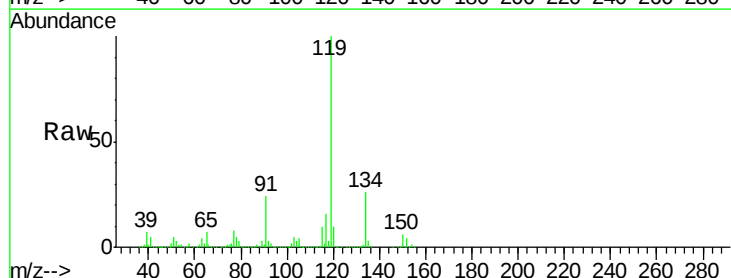
Tgt Ion:119 Resp: 811564

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.8

91 24.2 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

12.07

800000

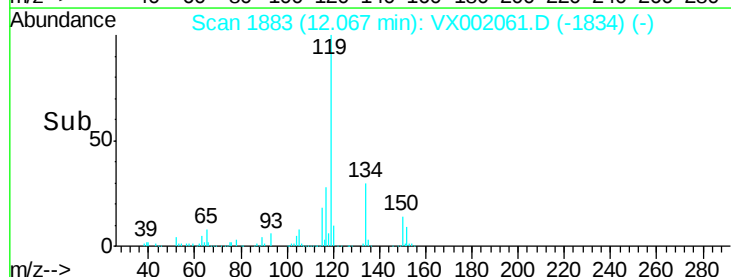
600000

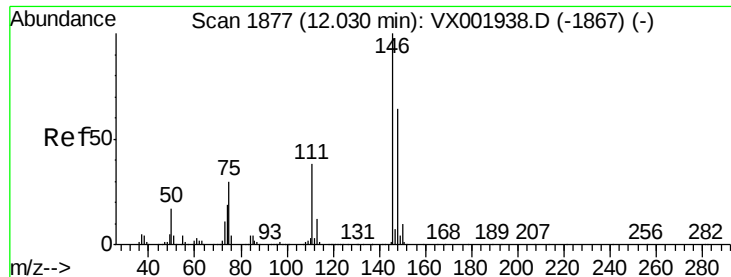
400000

200000

0

Time-->

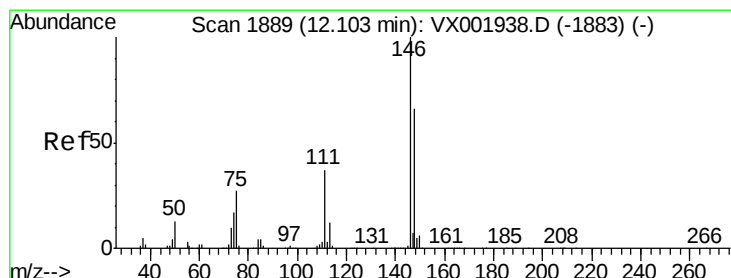
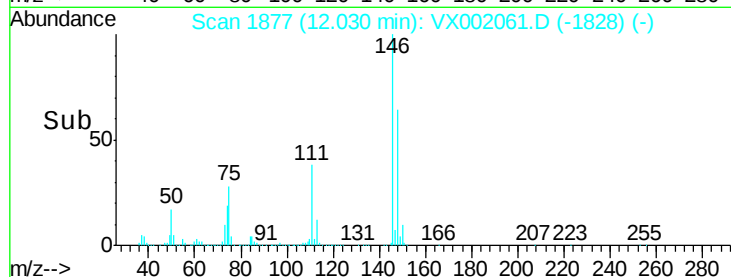
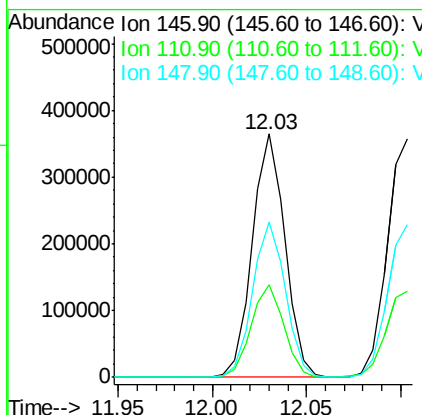
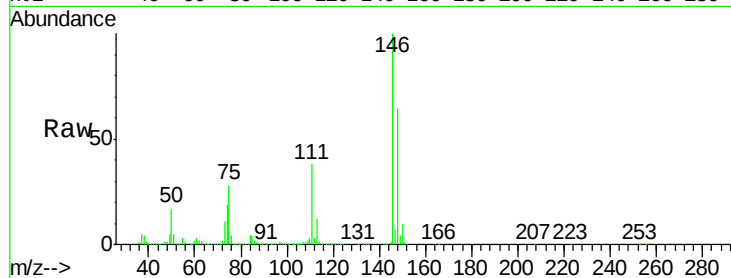




#87
 1,3-Dichlorobenzene
 Concen: 45.95 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002061.D
 Acq: 27 May 2018 11:34

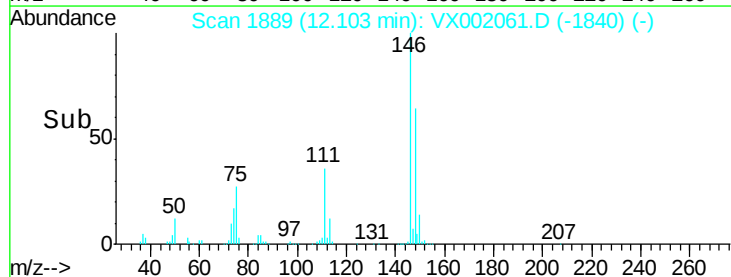
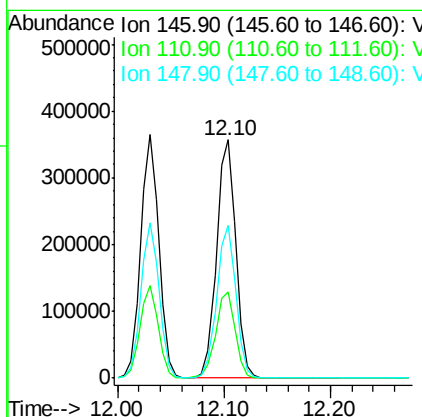
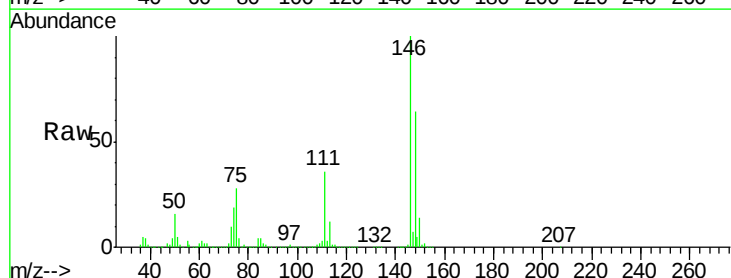
Instrument :
 MSVOA_X
 ClientSampled :

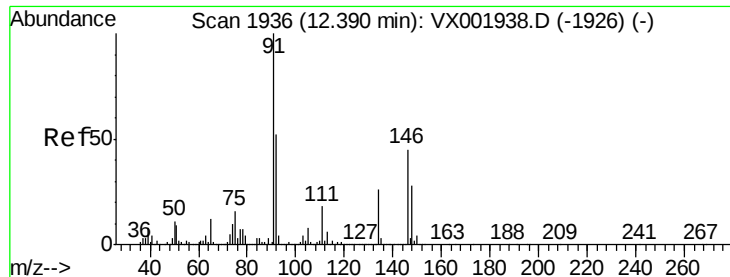
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.3	57.8
148	63.9	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 46.71 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002061.D
 Acq: 27 May 2018 11:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.9	56.5
148	63.8	32.3	96.8





#89

n-Butylbenzene

Concen: 46.22 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

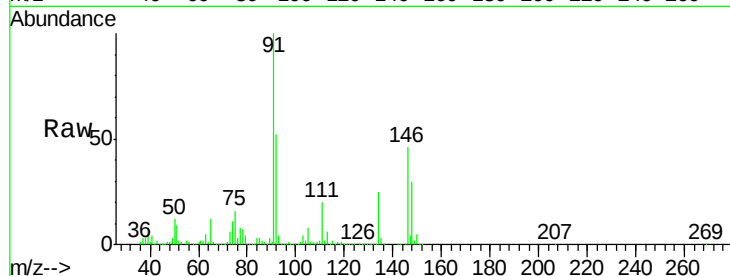
Tot Ion: 91 Resp: 709207

Ion Ratio Lower Upper

91 100

92 52.1 26.3 78.9

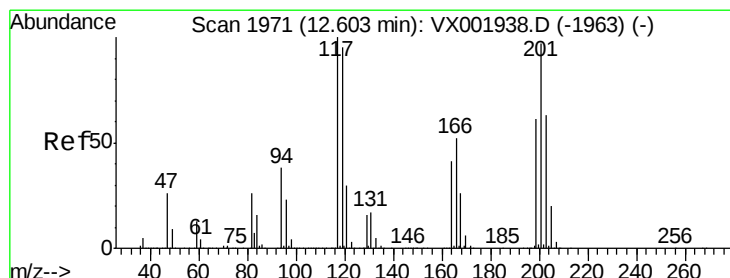
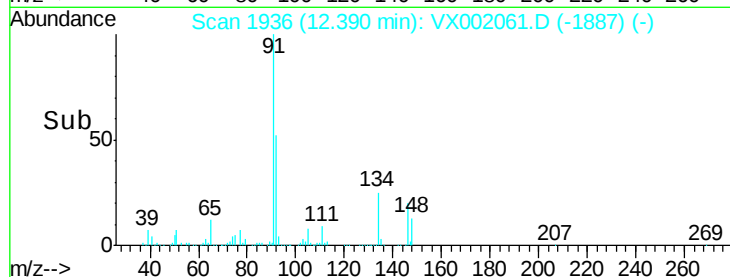
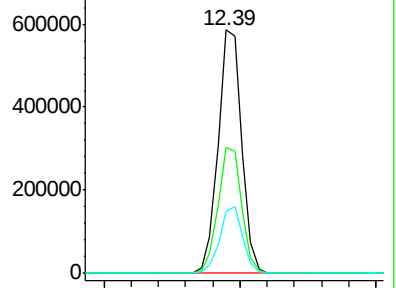
134 26.7 13.6 40.7



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: 39.94 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002061.D

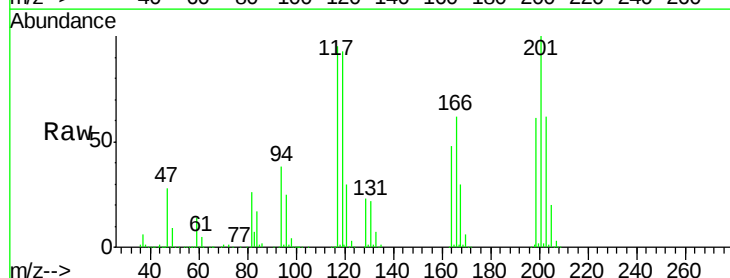
Acq: 27 May 2018 11:34

Tgt Ion: 117 Resp: 142675

Ion Ratio Lower Upper

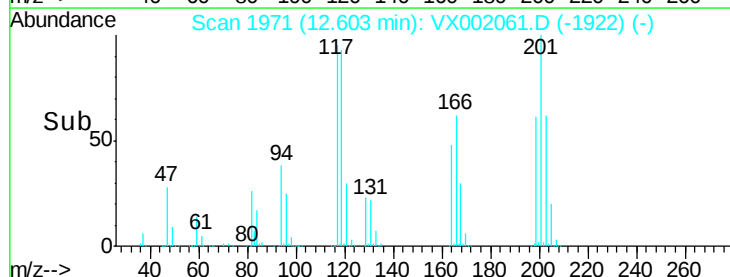
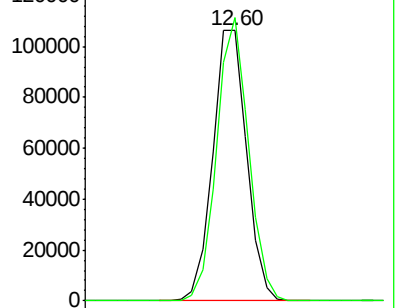
117 100

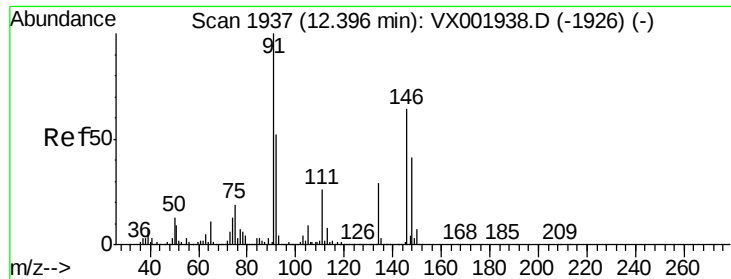
201 98.0 48.0 144.0



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: 46.38 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

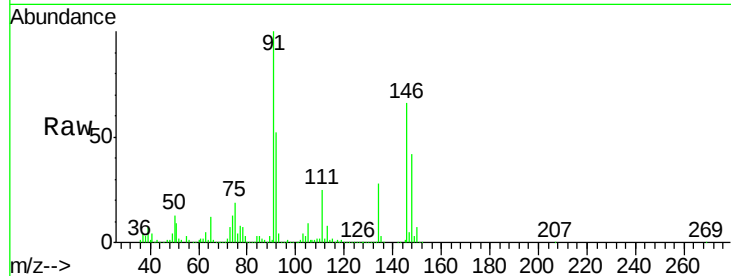
Tot Ion:146 Resp: 450675

Ion Ratio Lower Upper

146 100

111 39.3 19.8 59.3

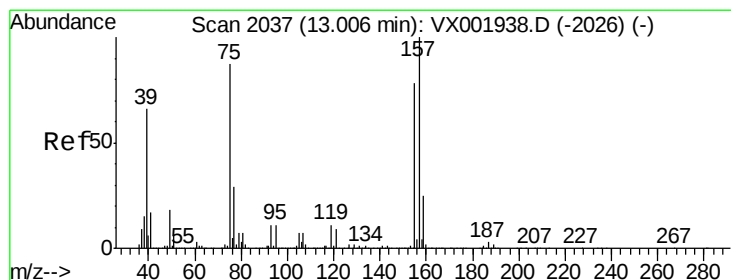
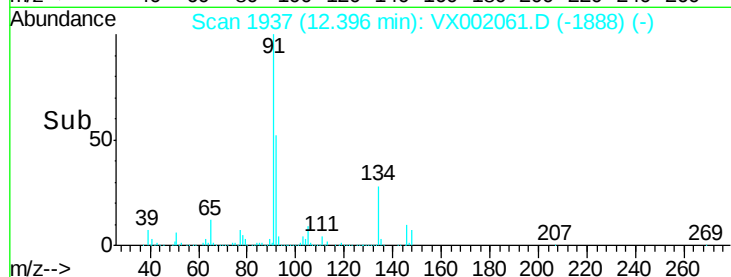
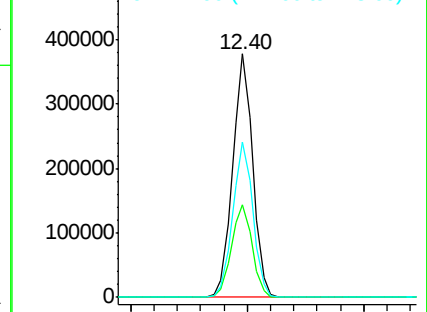
148 64.0 32.1 96.5



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: 38.56 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

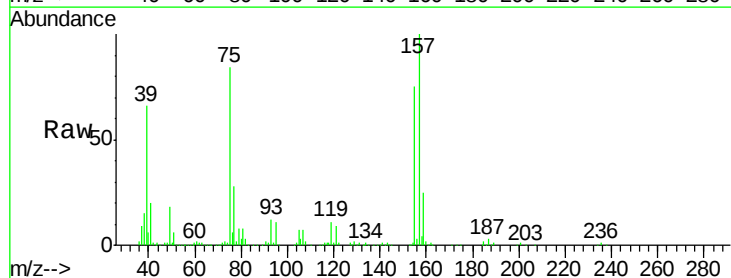
Tgt Ion: 75 Resp: 68813

Ion Ratio Lower Upper

75 100

155 89.6 45.1 135.2

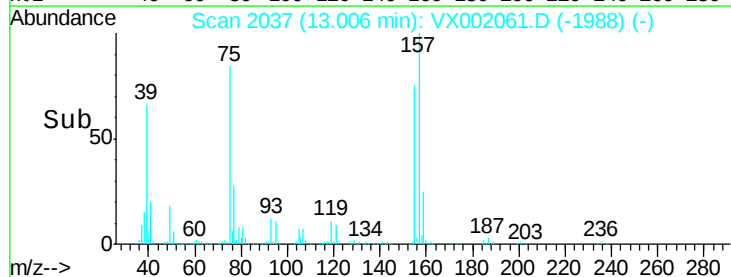
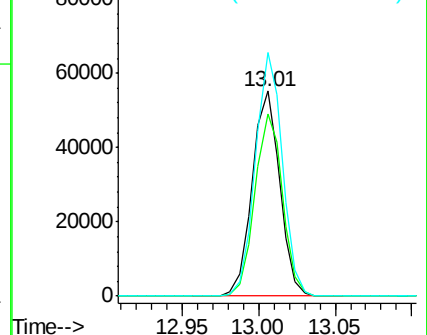
157 116.5 58.1 174.2



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

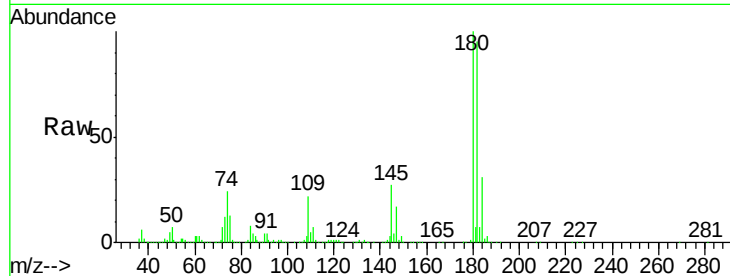




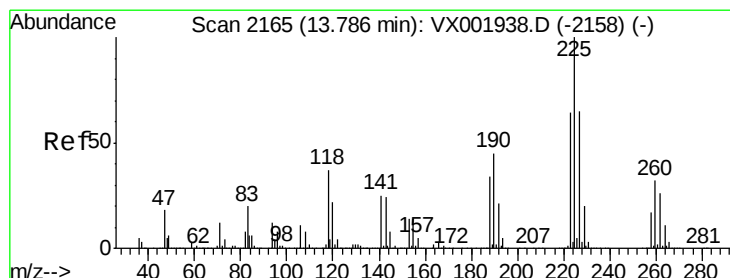
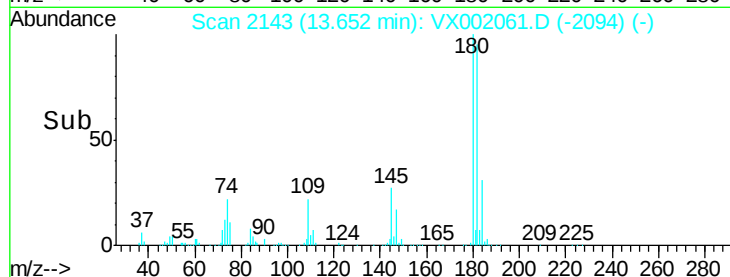
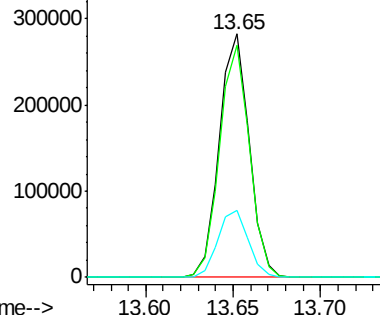
#93
 1,2,4-Trichlorobenzene
 Concen: 48.25 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002061.D
 Acq: 27 May 2018 11:34

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.7	143.1
145	28.3	14.4	43.0

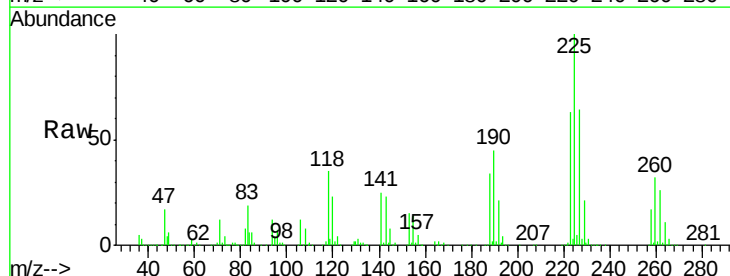


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

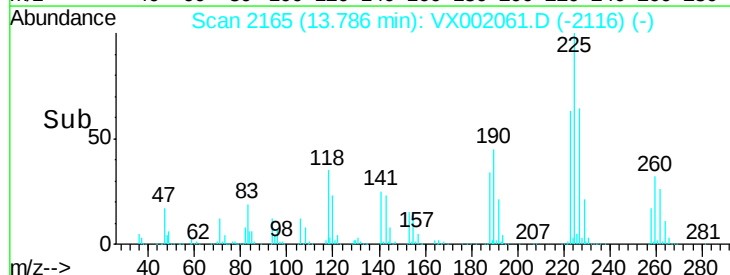
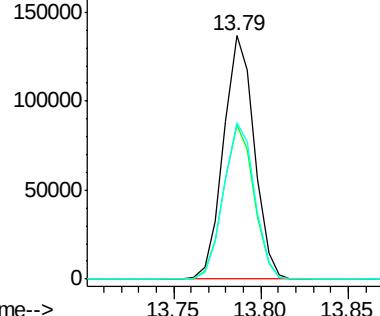


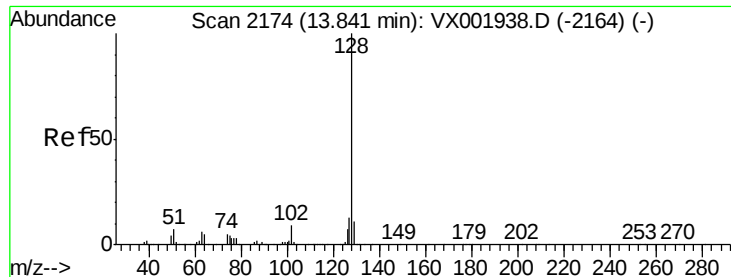
#94
 Hexachlorobutadiene
 Concen: 44.74 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002061.D
 Acq: 27 May 2018 11:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.1	93.5
227	64.8	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: 45.15 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

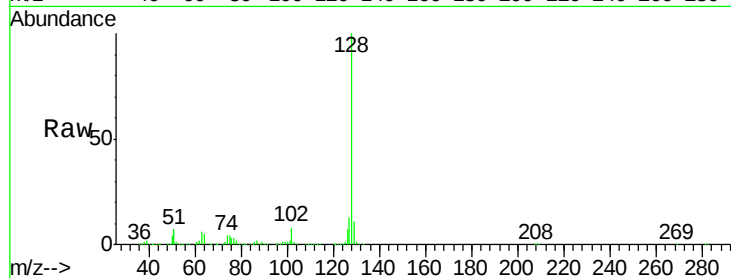
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 966727

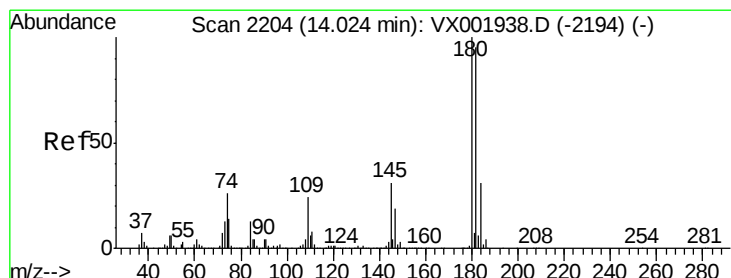
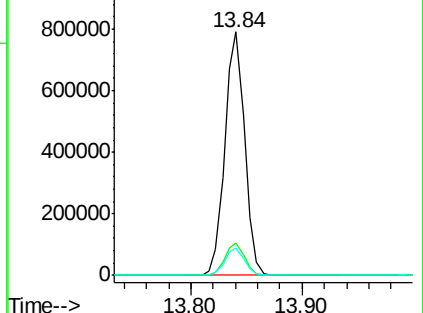
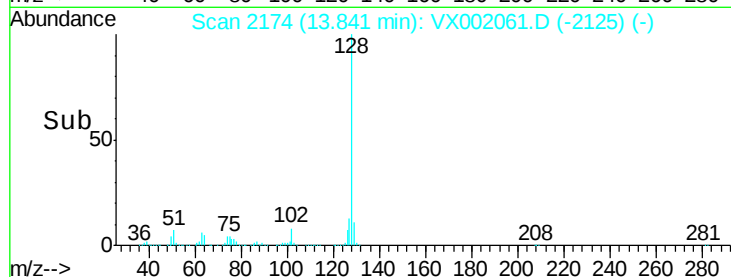
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.8	13.2



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: 47.31 ug/l

RT: 14.02 min Scan# 2204

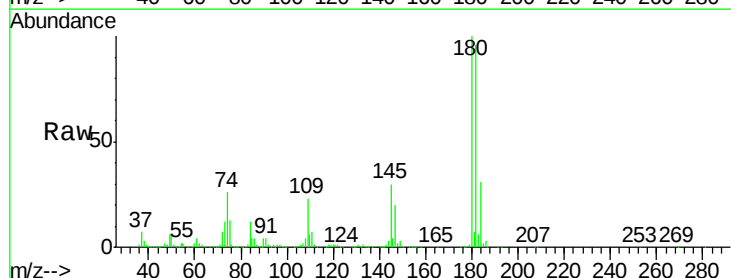
Delta R.T. -0.00 min

Lab File: VX002061.D

Acq: 27 May 2018 11:34

Tgt Ion:180 Resp: 340179

Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.6
145	29.7	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

