

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060218\
 Data File : VX002249.D
 Acq On : 02 Jun 2018 19:37
 Operator : JC/MD
 Sample : J3234-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0050MS

Quant Time: Jun 04 05:14:47 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	146664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	252400	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	253027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173992	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	171007	65.23	ug/l	0.00
Spiked Amount			Recovery	=	130.46%	
35) Dibromofluoromethane	5.51	113	125125	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
50) Toluene-d8	8.72	98	452347	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.14	95	181520	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	44560	23.19	ug/l	98
3) Chloromethane	1.32	50	114166	50.59	ug/l	99
4) Vinyl Chloride	1.41	62	103582	47.54	ug/l	100
5) Bromomethane	1.64	94	75232	75.50	ug/l	98
6) Chloroethane	1.71	64	83140	64.73	ug/l	100
7) Trichlorofluoromethane	1.92	101	139026	42.49	ug/l	99
8) Diethyl Ether	2.19	74	275455	232.02	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	65191	35.70	ug/l	97
10) Methyl Iodide	2.51	142	151660	61.39	ug/l	97
11) Tert butyl alcohol	3.09	59	191814	372.74	ug/l	98
12) 1,1-Dichloroethene	2.37	96	90974	53.22	ug/l	95
13) Acrolein	2.30	56	62189	279.50	ug/l	99
14) Allyl chloride	2.73	41	235849	65.73	ug/l	97
15) Acrylonitrile	3.15	53	432516	408.72	ug/l	99
16) Acetone	2.45	43	398709	394.07	ug/l	100
17) Carbon Disulfide	2.57	76	196028	39.84	ug/l	98
18) Methyl Acetate	2.78	43	215780	89.43	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	512867	79.77	ug/l	100
20) Methylene Chloride	2.86	84	145813	84.38	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	112271	68.03	ug/l	98
22) Diisopropyl ether	3.88	45	470713	64.49	ug/l	99
23) Vinyl Acetate	3.83	43	2032791	335.91	ug/l	99
24) 1,1-Dichloroethane	3.70	63	265955	76.71	ug/l	99
25) 2-Butanone	4.71	43	576562	310.92	ug/l	99
26) 2,2-Dichloropropane	4.59	77	139181	39.66	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	133016	59.67	ug/l	91
28) Bromochloromethane	5.03	49	121893	85.10	ug/l	98
29) Tetrahydrofuran	5.17	42	405120	335.78	ug/l	99
30) Chloroform	5.22	83	243491	62.33	ug/l	100
31) Cyclohexane	5.58	56	110015	30.46	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	176847	48.56	ug/l	99
36) 1,1-Dichloropropene	5.81	75	132110	37.63	ug/l	97
37) Ethyl Acetate	4.87	43	221519	48.40	ug/l	99
38) Carbon Tetrachloride	5.79	117	135999	33.22	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	98931	22.94	ug/l	99
40) Benzene	6.15	78	517014	50.27	ug/l	100
41) Methacrylonitrile	5.07	41	132120	54.83	ug/l	99
42) 1,2-Dichloroethane	6.20	62	223054	54.29	ug/l	99
43) Isopropyl Acetate	6.48	43	376910	49.42	ug/l	100
44) Trichloroethene	7.22	130	131046	43.72	ug/l	96
45) 1,2-Dichloropropane	7.52	63	148756	53.26	ug/l	97
46) Dibromomethane	7.67	93	99415	53.76	ug/l	99
47) Bromodichloromethane	7.90	83	180280	45.72	ug/l	99
48) Methyl methacrylate	7.78	41	195900	50.47	ug/l	97
49) 1,4-Dioxane	7.76	88	66733	975.64	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1267109	275.62	ug/l	99
52) Toluene	8.79	92	321469	49.11	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	211648	46.60	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	200880	45.39	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	151245	55.31	ug/l	99
56) Ethyl methacrylate	9.19	69	239365	50.89	ug/l	98
57) 1,3-Dichloropropane	9.38	76	249093	55.30	ug/l	100
59) 2-Hexanone	9.50	43	956981	269.97	ug/l	100
60) Dibromochloromethane	9.59	129	151352	46.73	ug/l	100
61) 1,2-Dibromoethane	9.68	107	158499	55.24	ug/l	100
64) Tetrachloroethene	9.34	164	135088	37.24	ug/l	99
65) Chlorobenzene	10.14	112	423181	52.79	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	147688	45.62	ug/l	100
67) Ethyl Benzene	10.26	91	632281	45.40	ug/l	100
68) m/p-Xylenes	10.37	106	492938	92.58	ug/l	98
69) o-Xylene	10.70	106	256096	48.17	ug/l	98
70) Styrene	10.72	104	425884	48.31	ug/l	100
71) Bromoform	10.86	173	117174	38.17	ug/l #	99
73) Isopropylbenzene	11.02	105	616269	41.83	ug/l	99
74) N-amyl acetate	6.48	43	376910	49.27	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	230820	57.47	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	272211	65.13	ug/l	80
77) Bromobenzene	11.26	156	190073	48.62	ug/l	96
78) n-propylbenzene	11.37	91	675355	40.93	ug/l	99
79) 2-Chlorotoluene	11.43	91	447847	49.45	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	537879	42.72	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59666	34.31	ug/l	87
82) 4-Chlorotoluene	11.52	91	525818	45.18	ug/l	99
83) tert-Butylbenzene	11.77	119	515091	41.69	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	571173	43.90	ug/l	99
85) sec-Butylbenzene	11.95	105	577664	38.89	ug/l	100
86) p-Isopropyltoluene	12.07	119	538993	40.55	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	330383	47.19	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	352161	50.32	ug/l	99
89) n-Butylbenzene	12.39	91	430626	38.24	ug/l	99
90) Hexachloroethane	12.60	117	85562	32.64	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	354163	49.65	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52140	39.80	ug/l	100
93) 1,2,4-Trichlorobenzene	13.65	180	234988	46.07	ug/l	100

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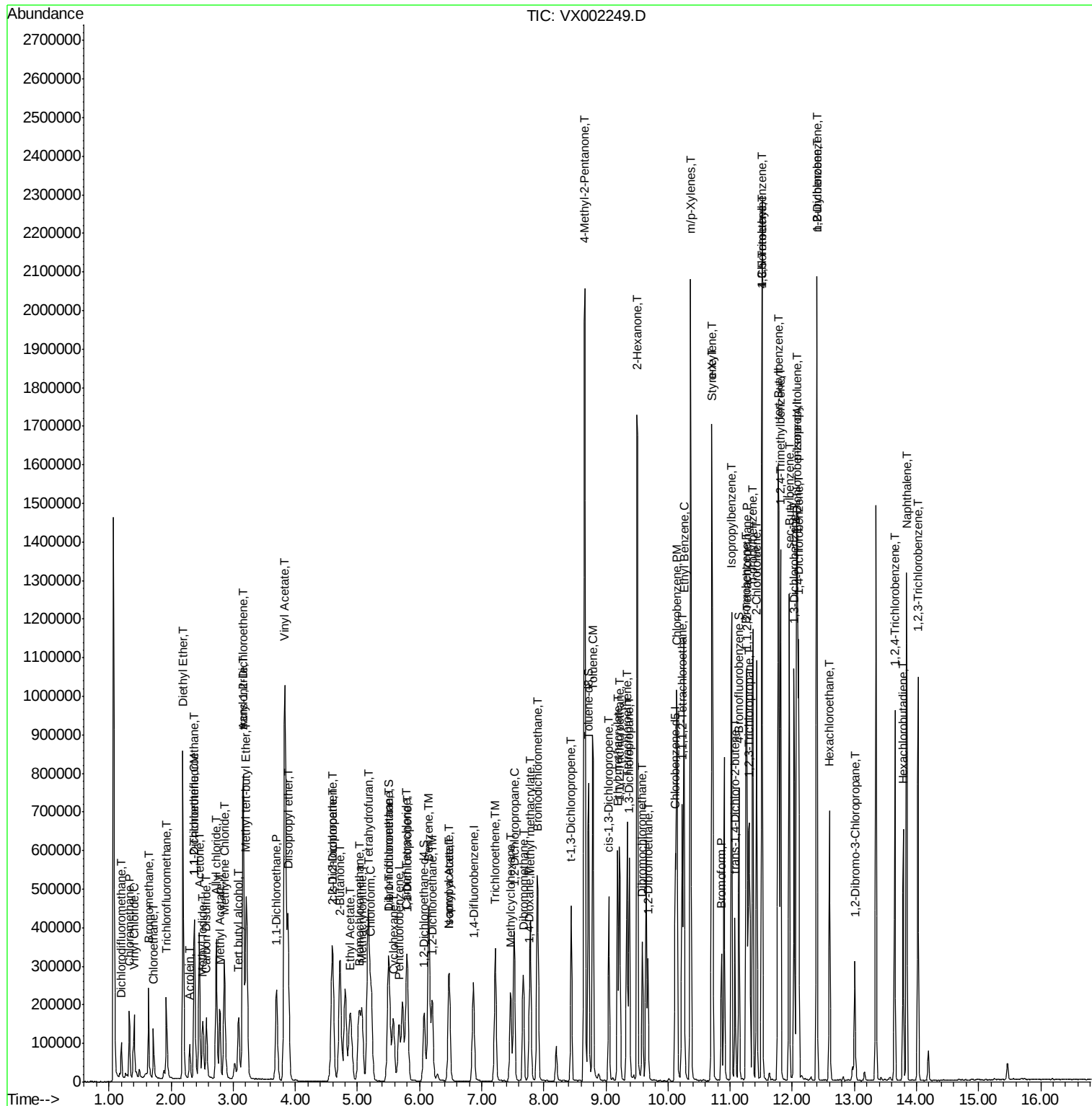
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	97657	35.59	ug/l	99
95) Naphthalene	13.84	128	781927	49.76	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	256739	48.65	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampled :

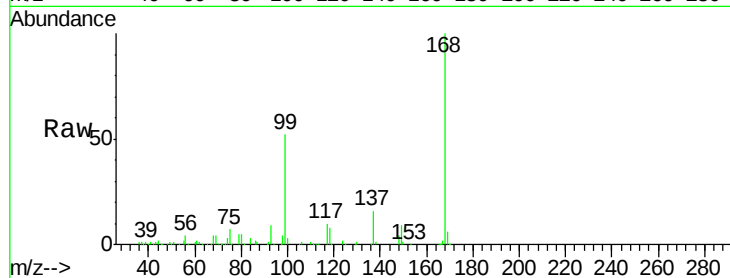
LF6-0050MS

Tot Ion:168 Resp: 146664

Ion Ratio Lower Upper

168 100

99 51.7 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

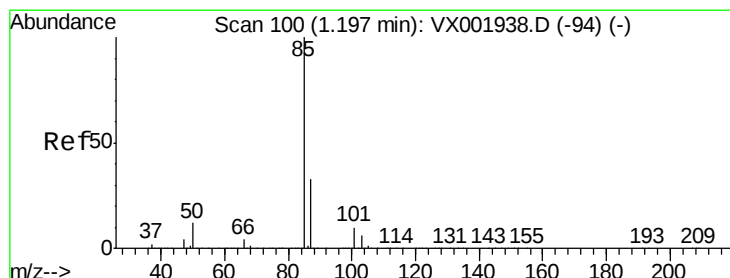
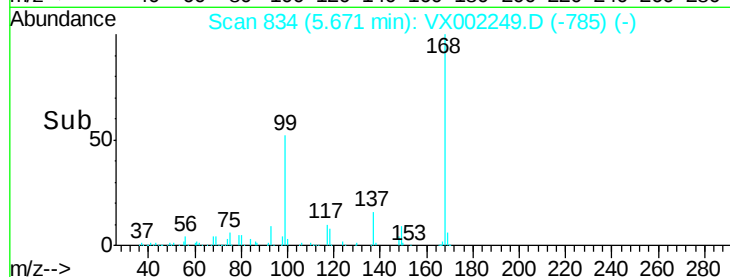
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 23.19 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002249.D

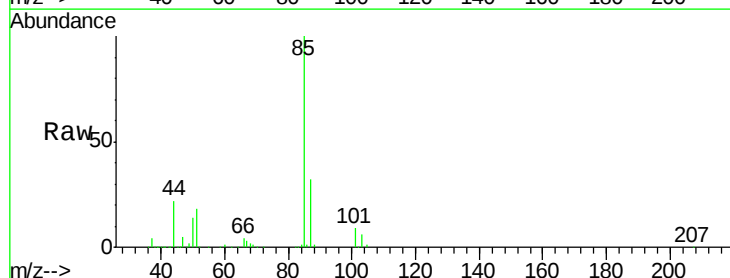
Acq: 02 Jun 2018 19:37

Tgt Ion: 85 Resp: 44560

Ion Ratio Lower Upper

85 100

87 32.2 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

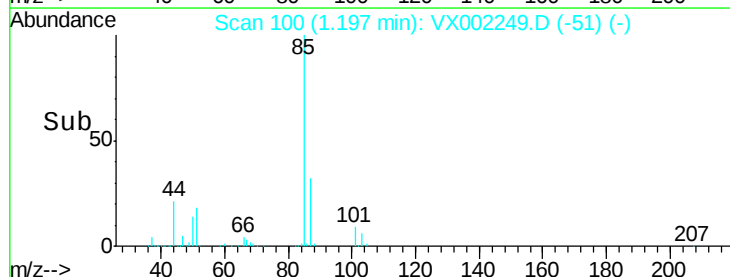
30000

20000

10000

0

Time-->





#3

Chloromethane

Concen: 50.59 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampled :

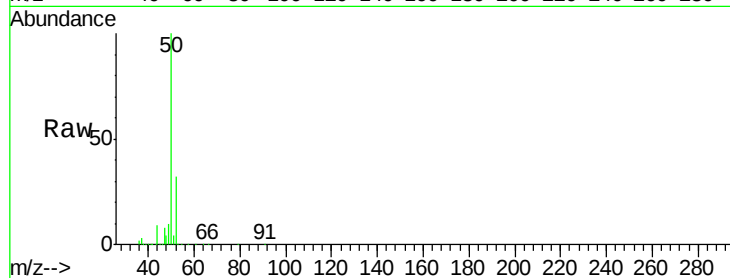
LF6-0050MS

Tot Ion: 50 Resp: 114166

Ion Ratio Lower Upper

50 100

52 32.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

120000

100000

80000

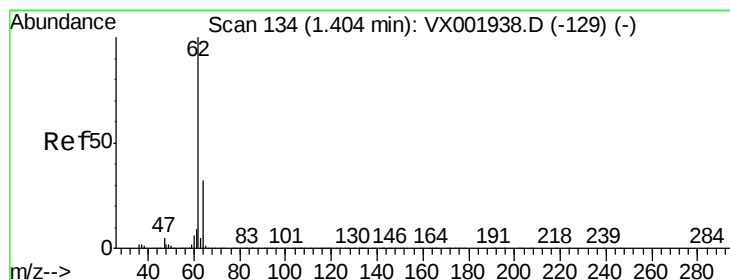
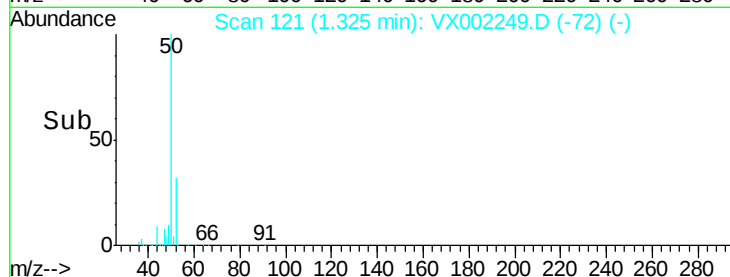
60000

40000

20000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 47.54 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002249.D

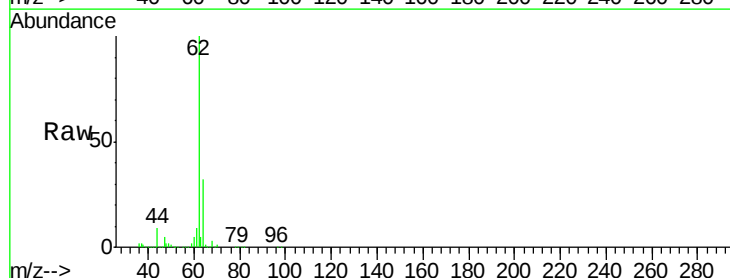
Acq: 02 Jun 2018 19:37

Tgt Ion: 62 Resp: 103582

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

100000

80000

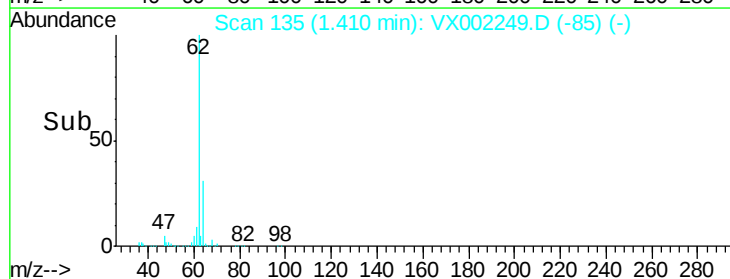
60000

40000

20000

0

Time--> 1.30 1.40 1.50





#5

Bromomethane

Concen: 75.50 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

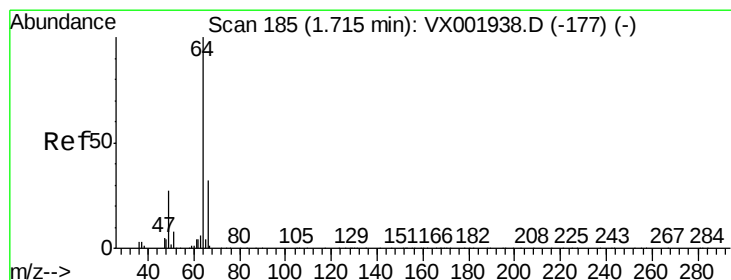
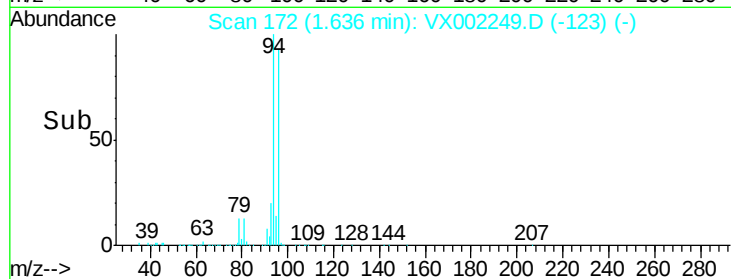
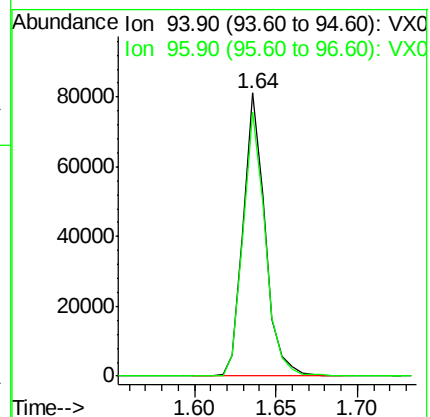
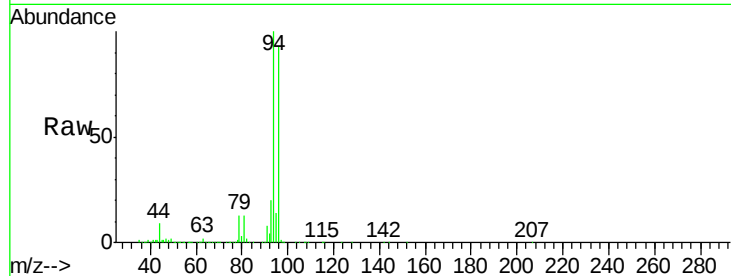
LF6-0050MS

Tot Ion: 94 Resp: 75232

Ion Ratio Lower Upper

94 100

96 93.3 75.9 113.9



#6

Chloroethane

Concen: 64.73 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX002249.D

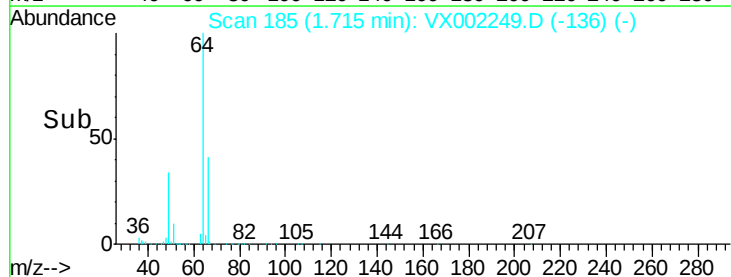
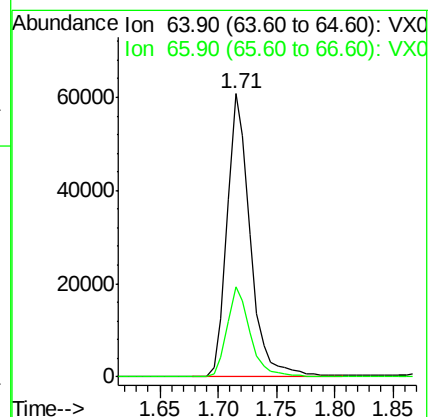
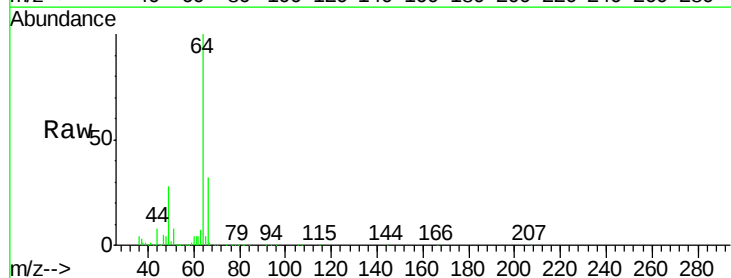
Acq: 02 Jun 2018 19:37

Tgt Ion: 64 Resp: 83140

Ion Ratio Lower Upper

64 100

66 32.1 25.6 38.4



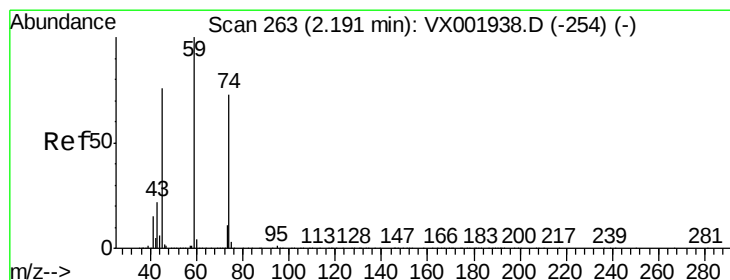
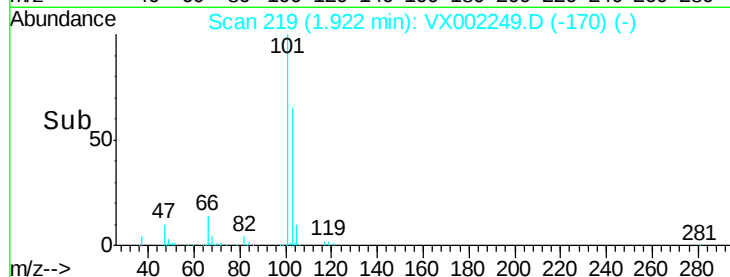
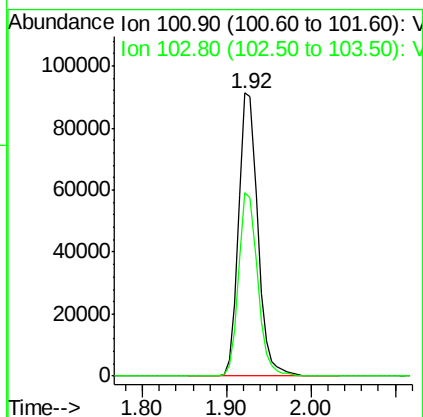
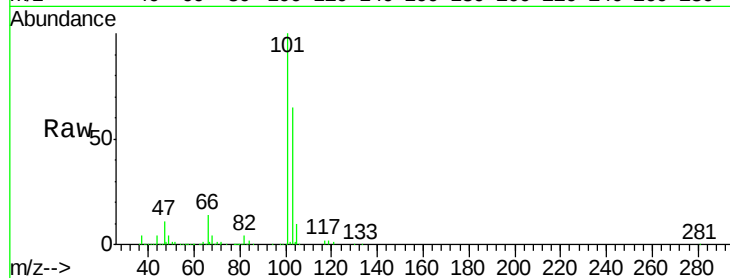


#7

Trichlorofluoromethane
Concen: 42.49 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX002249.D
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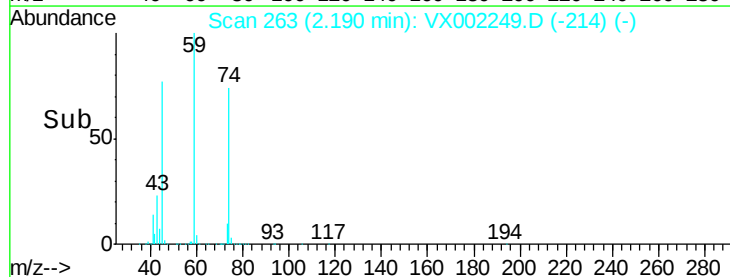
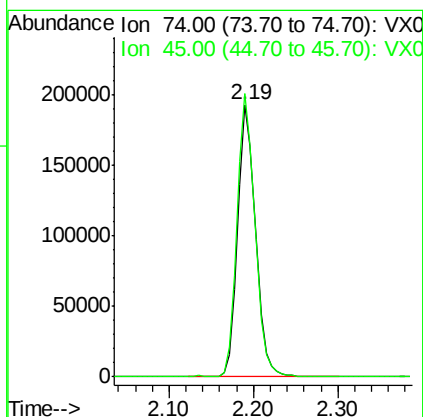
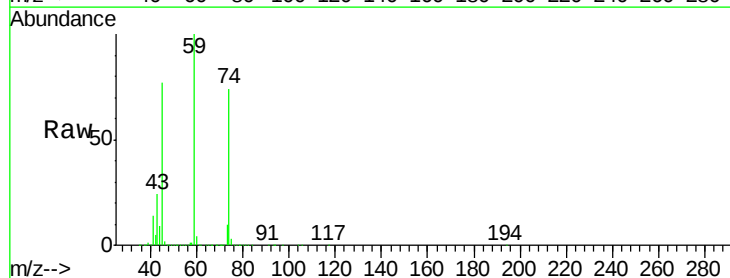
Tot Ion:101 Resp: 139026
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0



#8

Diethyl Ether
Concen: 232.02 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

Tgt Ion: 74 Resp: 275455
Ion Ratio Lower Upper
74 100
45 104.0 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 35.70 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

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LF6-0050MS

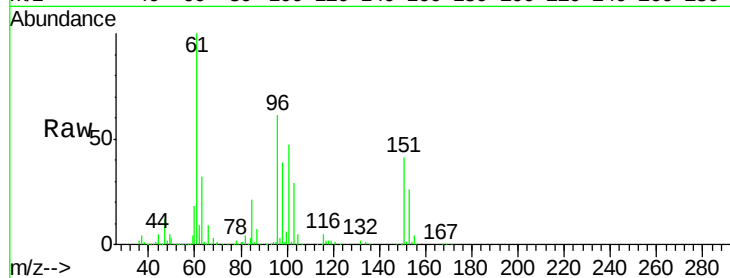
Tot Ion:101 Resp: 65191

Ion Ratio Lower Upper

101 100

85 46.1 35.6 53.4

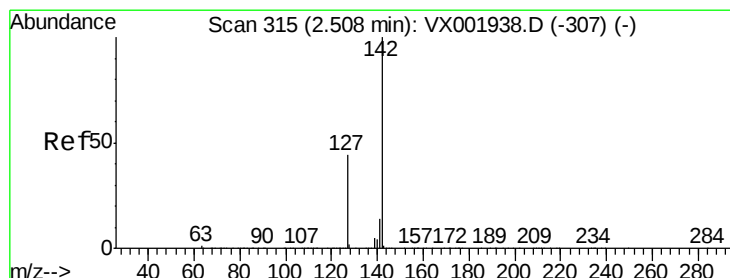
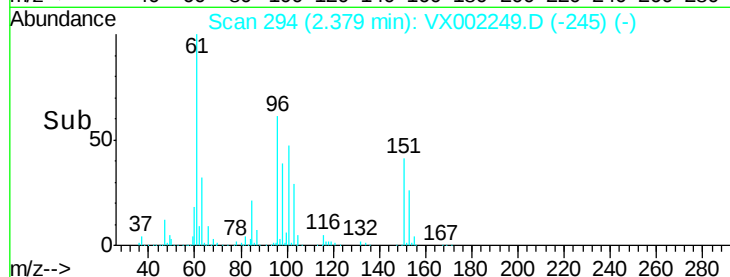
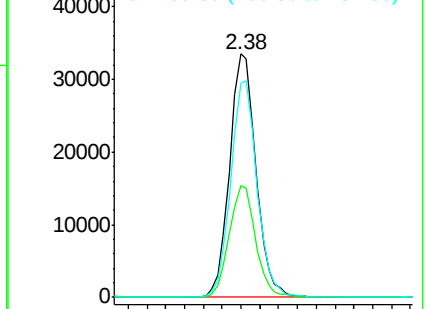
151 89.0 73.2 109.8



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: 61.39 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

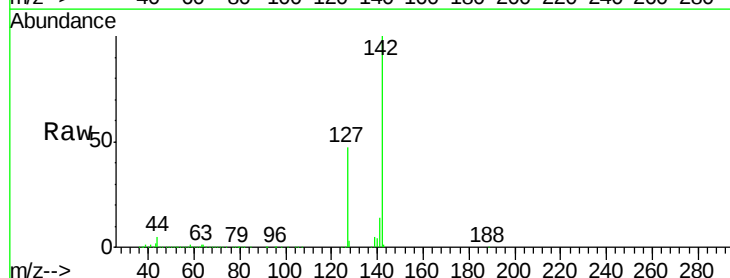
Tgt Ion:142 Resp: 151660

Ion Ratio Lower Upper

142 100

127 47.2 35.5 53.3

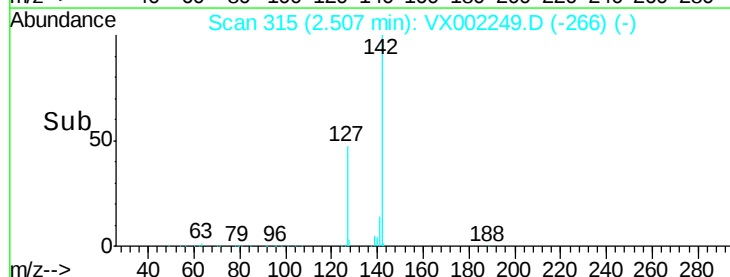
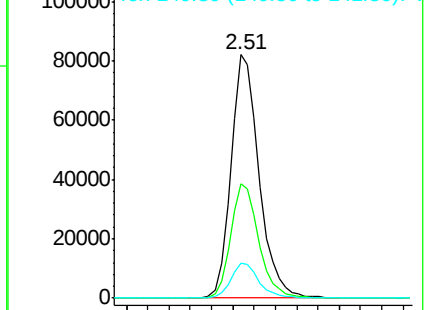
141 14.4 11.3 16.9



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



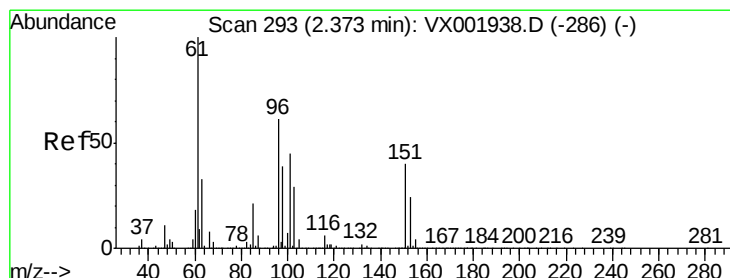
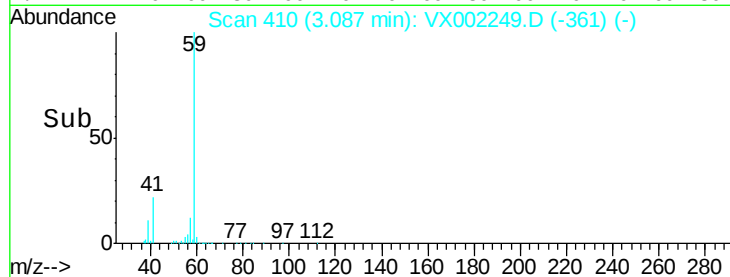
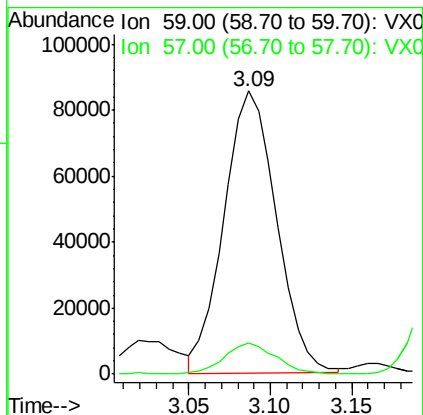
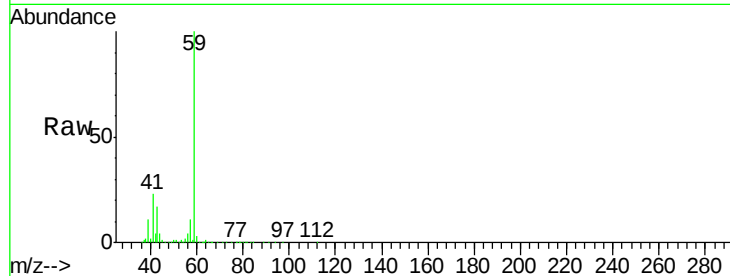


#11

Tert butyl alcohol
Concen: 372.74 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.00 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
LF6-0050MS

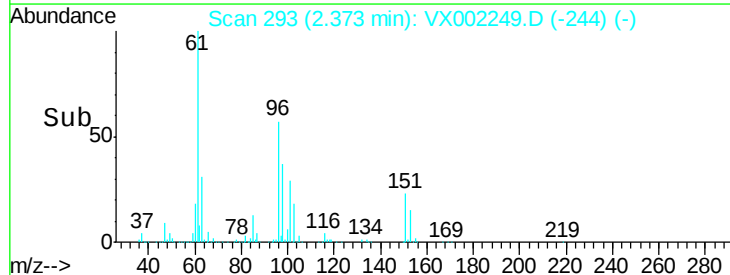
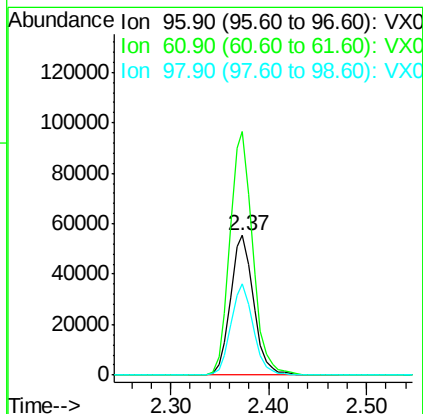
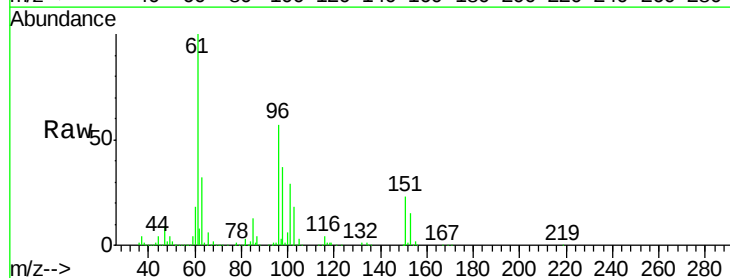
Tot Ion: 59 Resp: 191814
Ion Ratio Lower Upper
59 100
57 10.4 8.9 13.3



#12

1,1-Dichloroethene
Concen: 53.22 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

Tgt Ion: 96 Resp: 90974
Ion Ratio Lower Upper
96 100
61 174.2 131.7 197.5
98 64.9 51.6 77.4





#13

Acrolein

Concen: 279.50 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

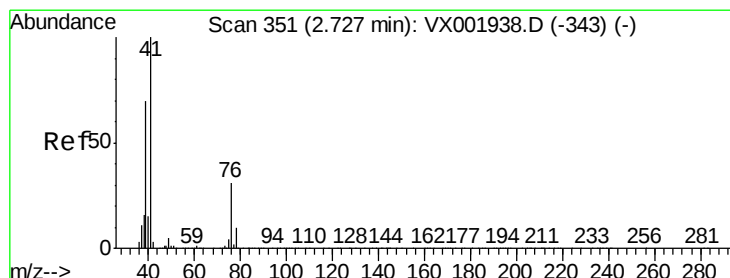
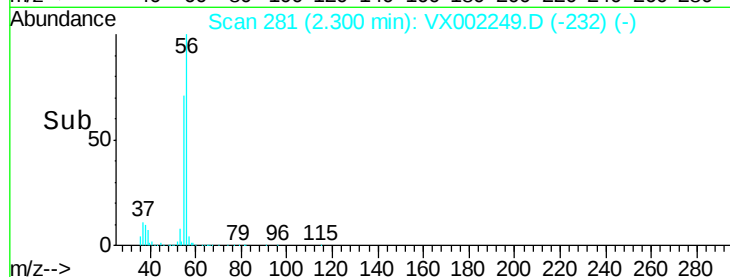
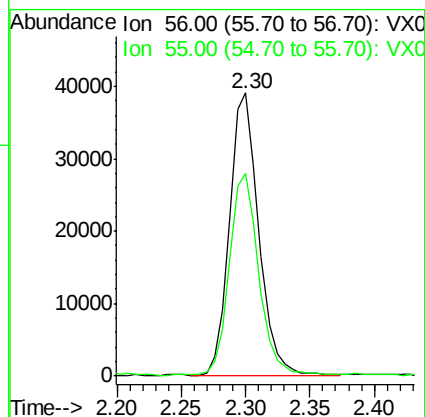
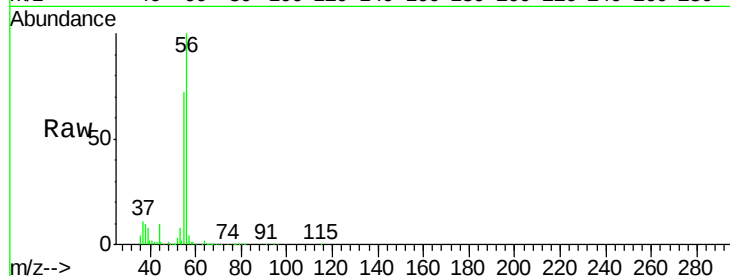
LF6-0050MS

Tot Ion: 56 Resp: 62189

Ion Ratio Lower Upper

56 100

55 71.7 56.8 85.2



#14

Allyl chloride

Concen: 65.73 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

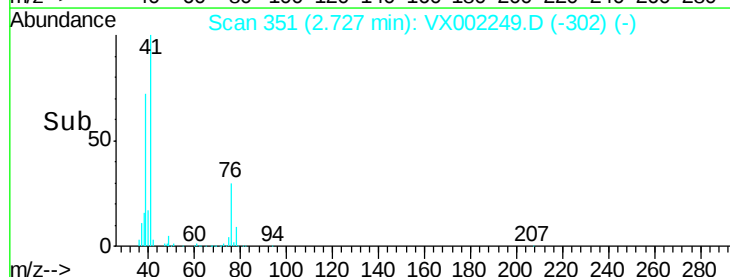
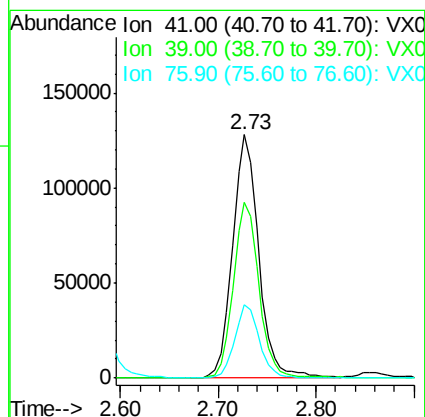
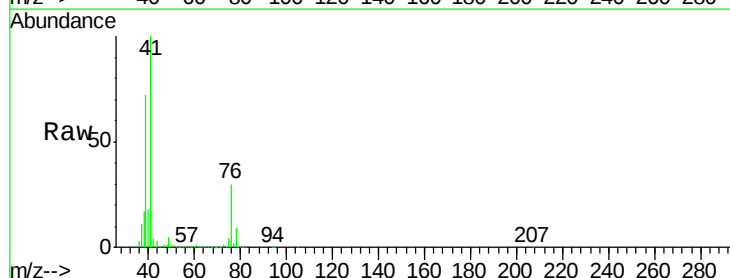
Tgt Ion: 41 Resp: 235849

Ion Ratio Lower Upper

41 100

39 70.1 54.3 81.5

76 28.8 24.2 36.4

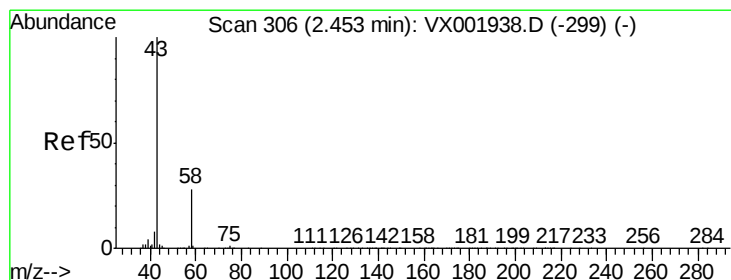
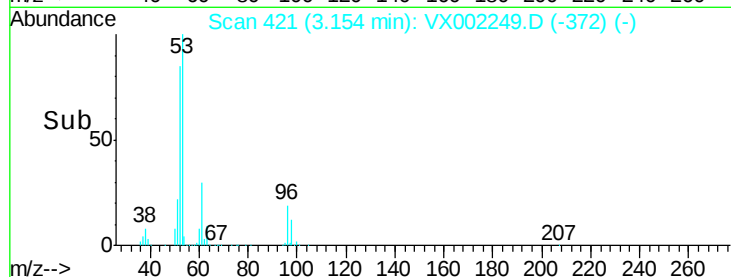
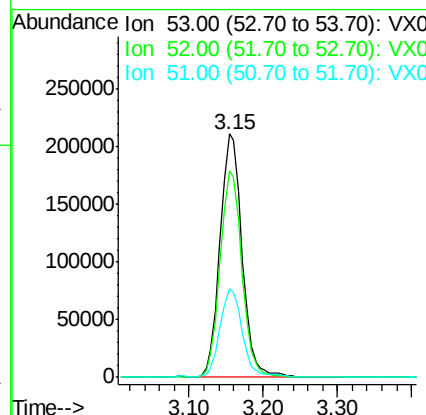
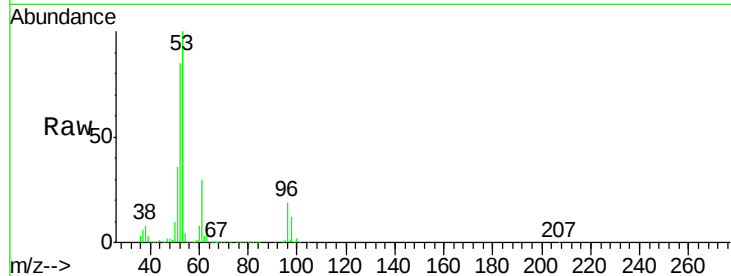




#15
 Acrylonitrile
 Concen: 408.72 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX002249.D
 Acq: 02 Jun 2018 19:37

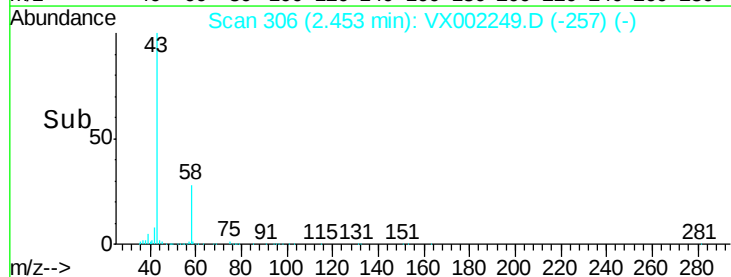
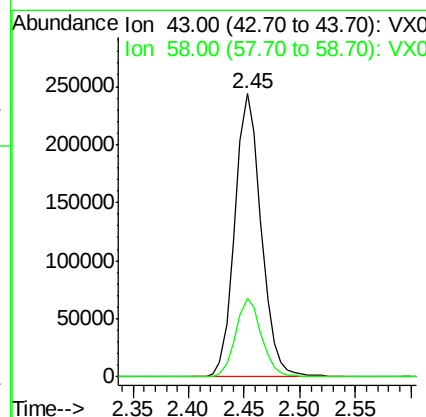
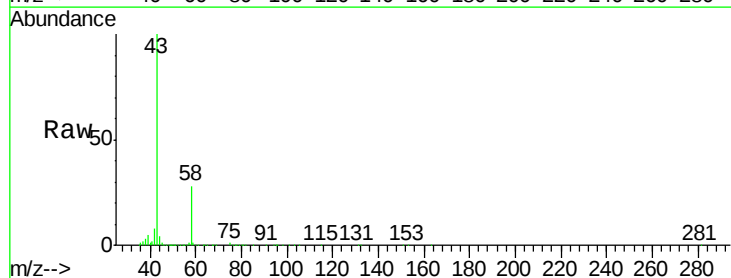
Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0050MS

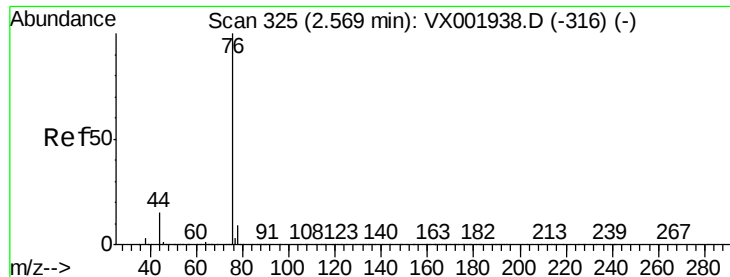
Tot Ion	53	Resp	432516
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.4	99.6
51	36.8	29.3	43.9



#16
 Acetone
 Concen: 394.07 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: VX002249.D
 Acq: 02 Jun 2018 19:37

Tgt Ion	43	Resp	398709
Ion	Ratio	Lower	Upper
43	100		
58	27.7	22.3	33.5

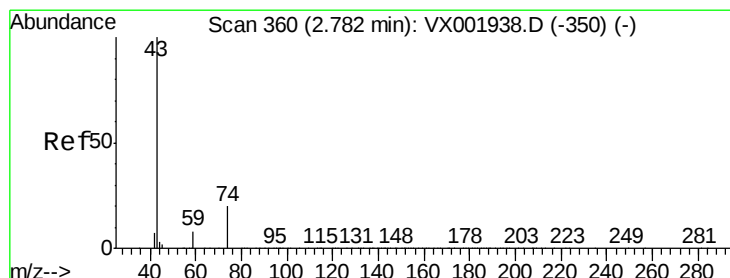
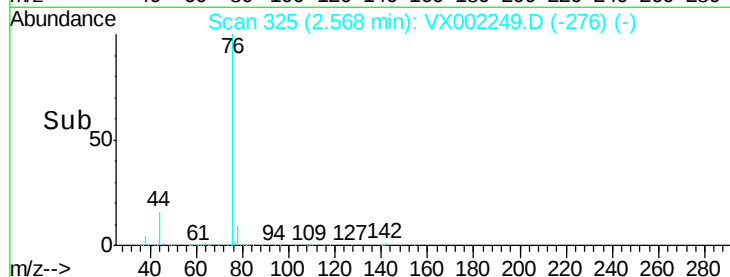
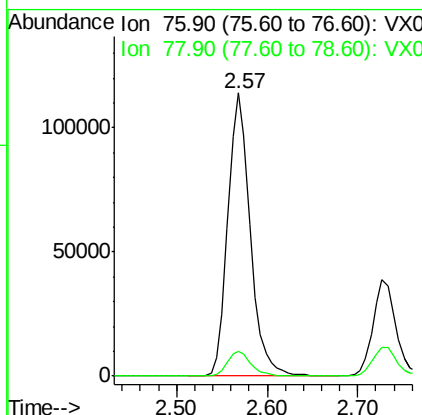
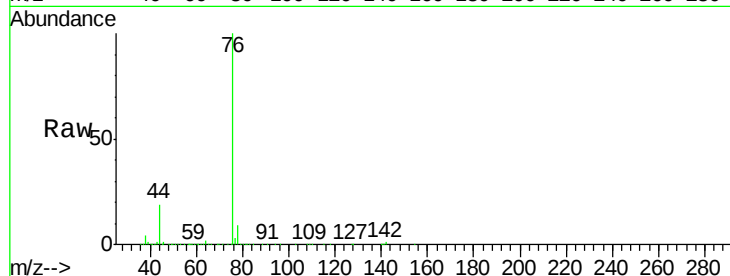




#17
Carbon Disulfide
Concen: 39.84 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

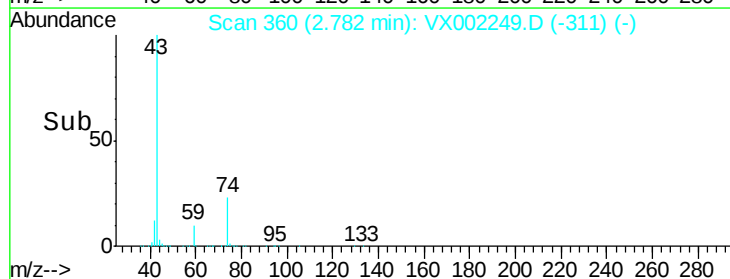
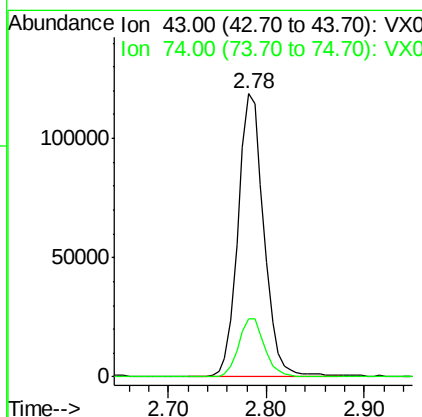
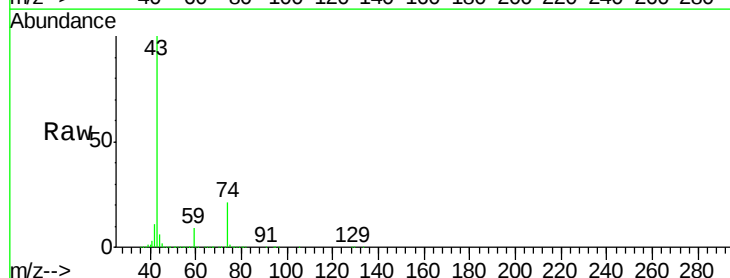
Instrument :
MSVOA_X
ClientSampled :
LF6-0050MS

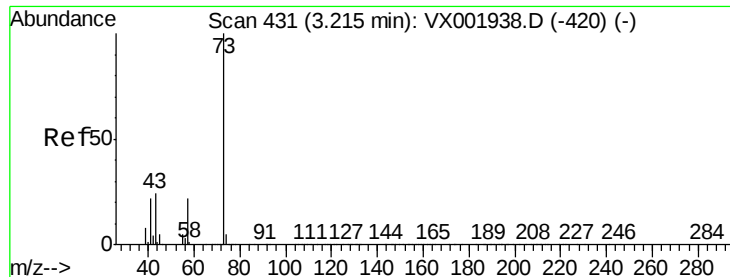
Tot Ion: 76 Resp: 196028
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



#18
Methyl Acetate
Concen: 89.43 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

Tgt Ion: 43 Resp: 215780
Ion Ratio Lower Upper
43 100
74 20.7 16.8 25.2

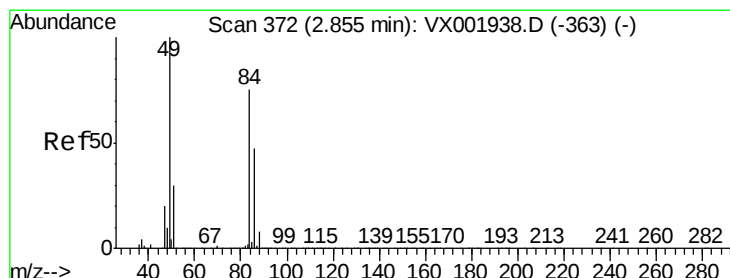
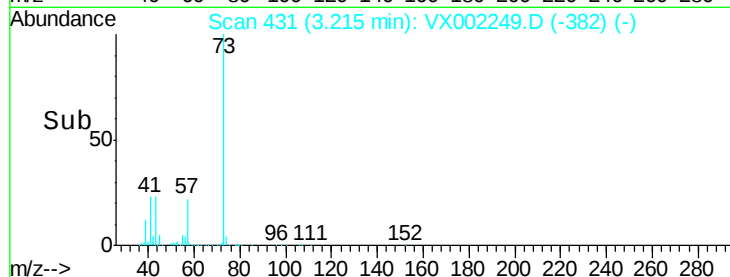
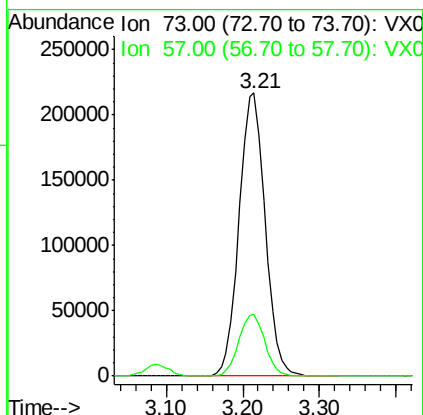
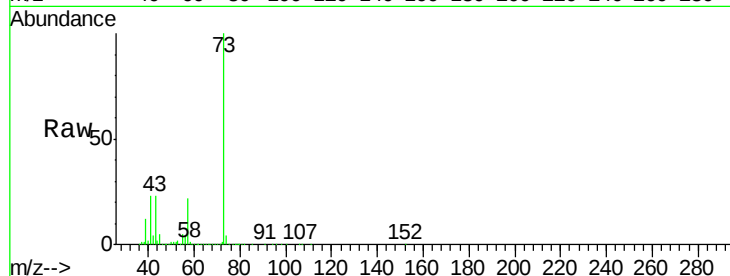




#19
Methvl tert-butvl Ether
Concen: 79.77 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

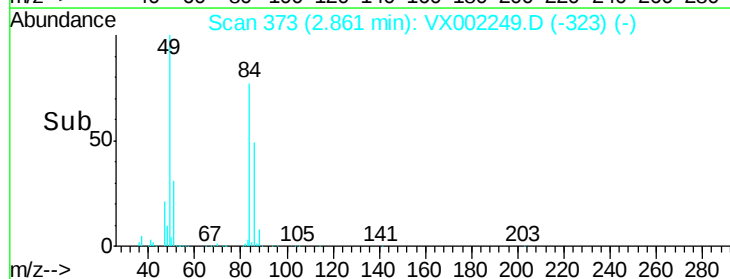
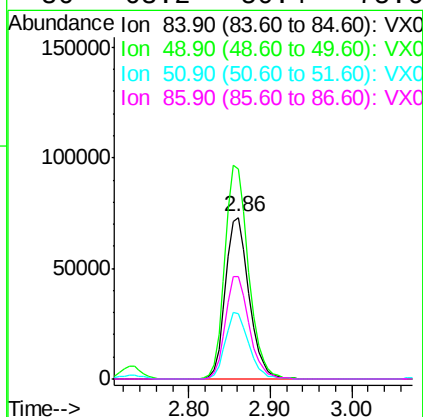
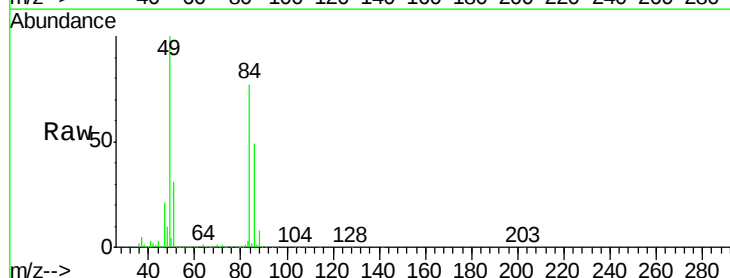
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050MS

Tot Ion: 73 Resp: 512867
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.0



#20
Methylene Chloride
Concen: 84.38 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

Tgt Ion: 84 Resp: 145813
Ion Ratio Lower Upper
84 100
49 130.0 107.2 160.8
51 39.8 32.4 48.6
86 63.2 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 68.03 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampled :

LF6-0050MS

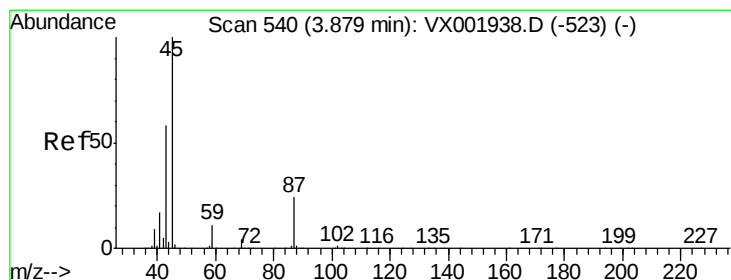
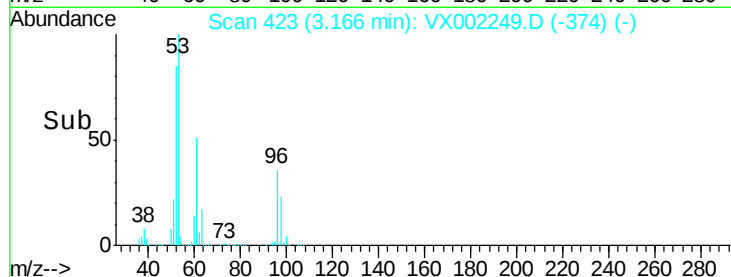
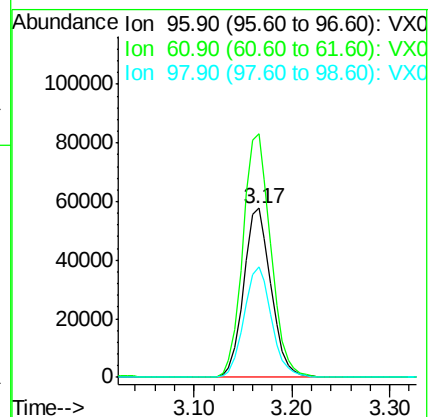
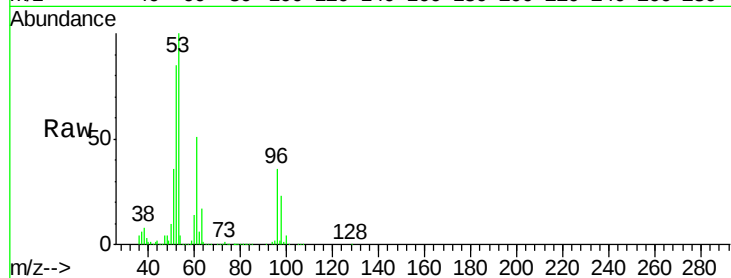
Tot Ion: 96 Resp: 112271

Ion Ratio Lower Upper

96 100

61 143.8 113.3 169.9

98 65.4 51.7 77.5



#22

Diisopropyl ether

Concen: 64.49 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Tgt Ion: 45 Resp: 470713

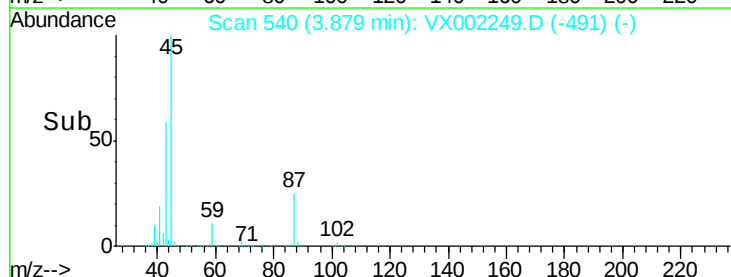
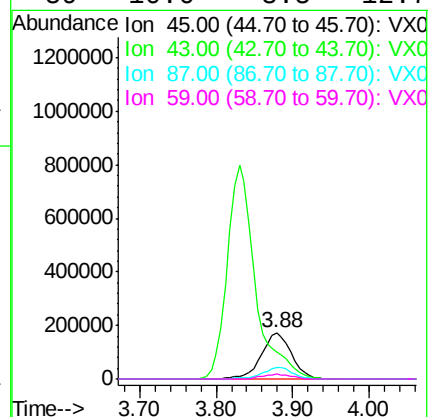
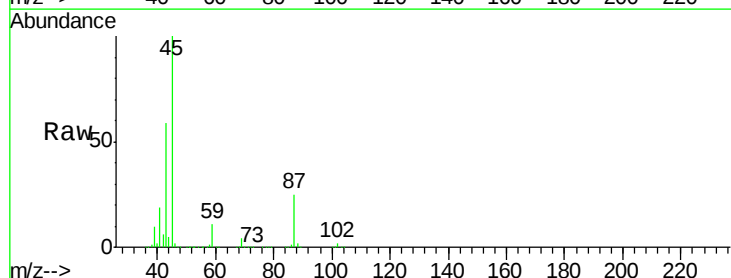
Ion Ratio Lower Upper

45 100

43 59.2 47.0 70.6

87 24.8 19.4 29.0

59 10.6 8.5 12.7





#23

Vinyl Acetate

Concen: 335.91 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

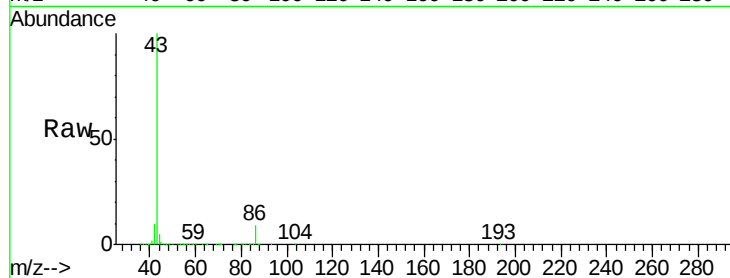
LF6-0050MS

Tot Ion: 43 Resp: 2032791

Ion Ratio Lower Upper

43 100

86 9.1 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

800000

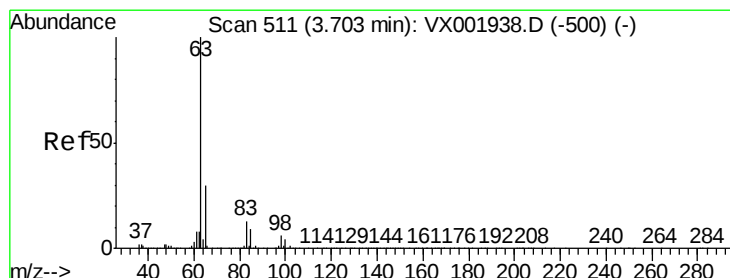
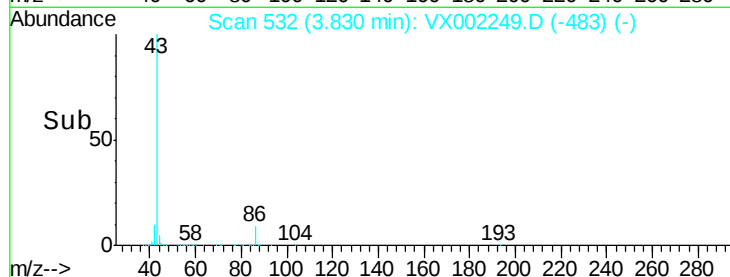
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 76.71 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

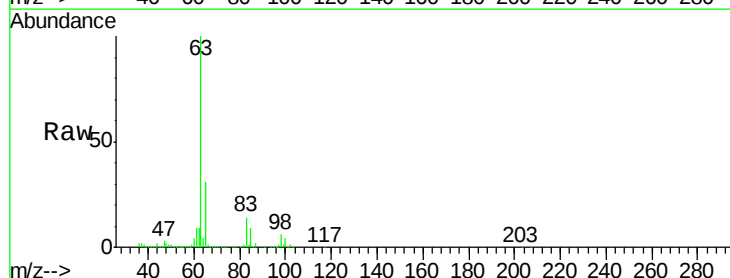
Tgt Ion: 63 Resp: 265955

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

100 4.0 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

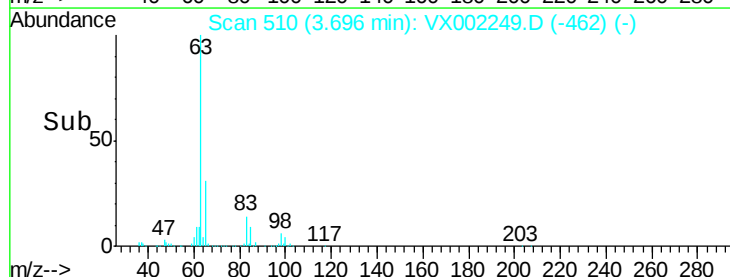
150000

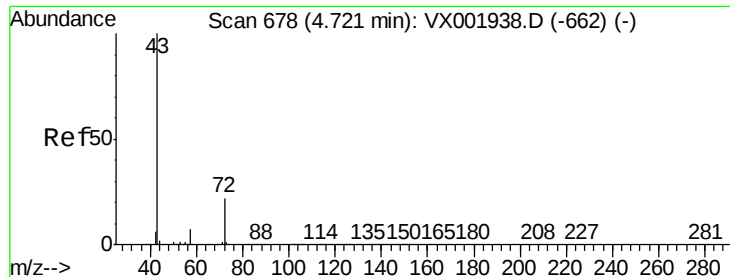
100000

50000

0

Time-->

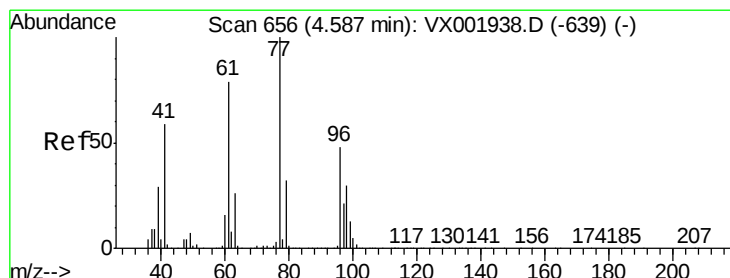
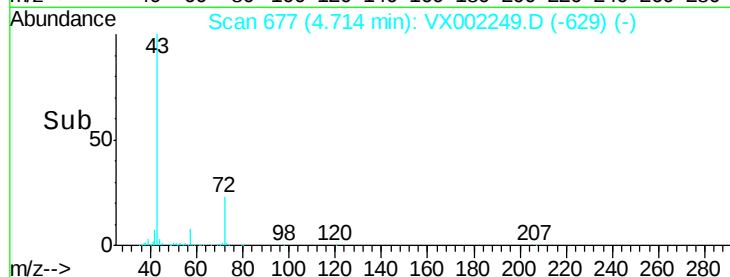
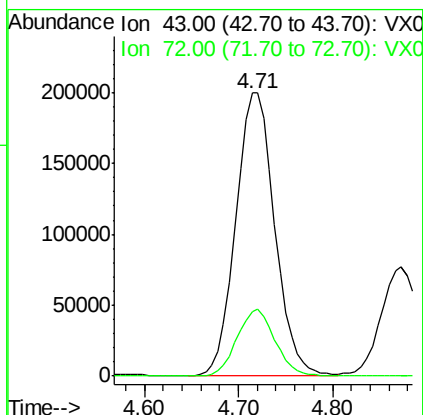
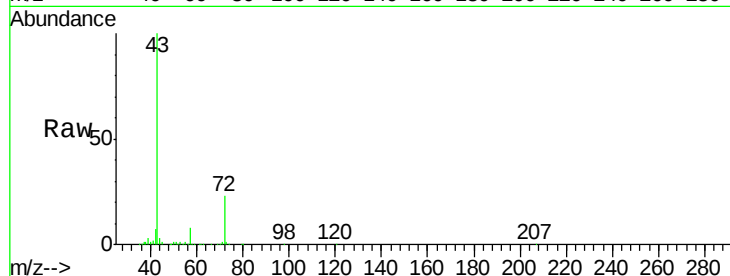




#25
2-Butanone
Concen: 310.92 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

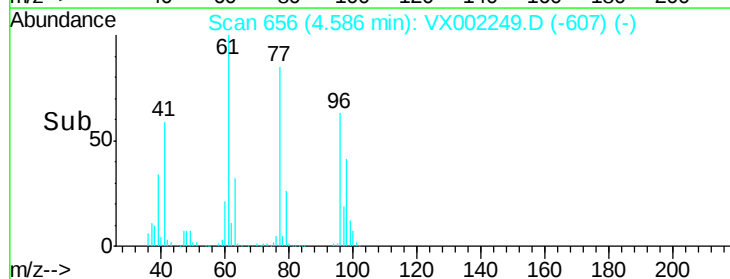
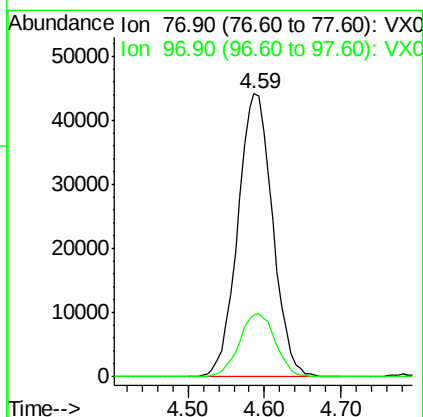
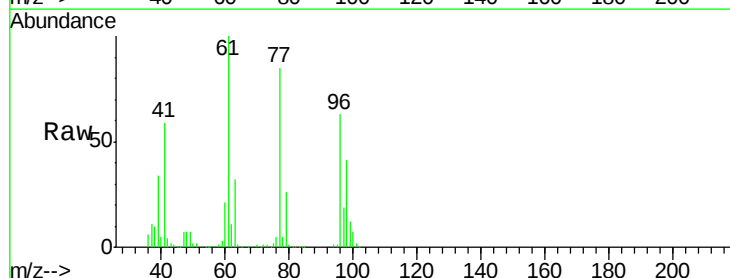
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050MS

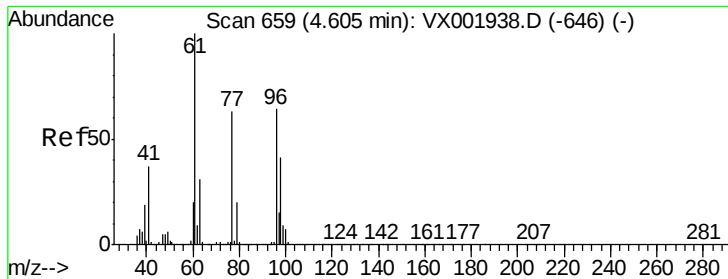
Tot Ion: 43 Resp: 576562
Ion Ratio Lower Upper
43 100
72 23.0 17.9 26.9



#26
2,2-Dichloropropane
Concen: 39.66 ug/l
RT: 4.59 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

Tgt Ion: 77 Resp: 139181
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 59.67 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

LF6-0050MS

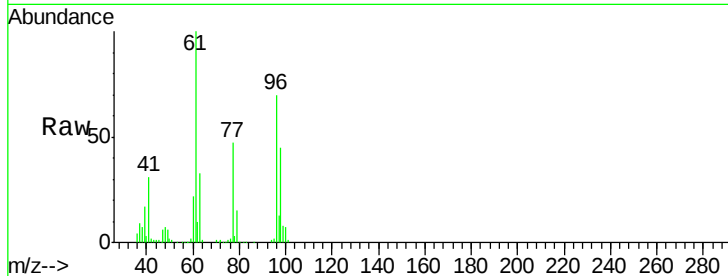
Tot Ion: 96 Resp: 133016

Ion Ratio Lower Upper

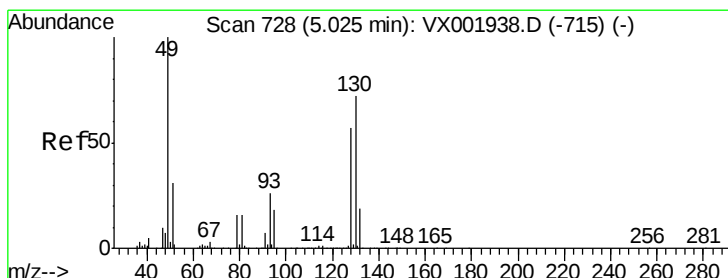
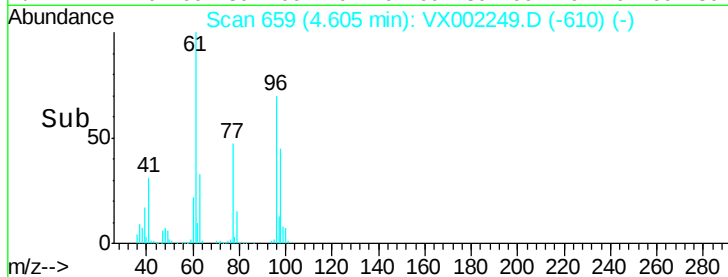
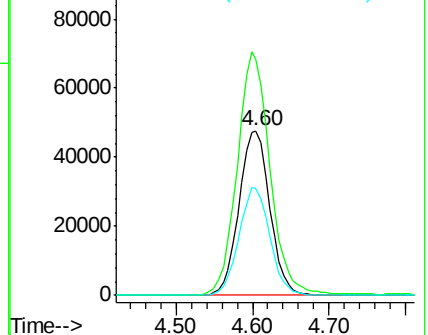
96 100

61 158.2 0.0 348.4

98 65.7 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: 85.10 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

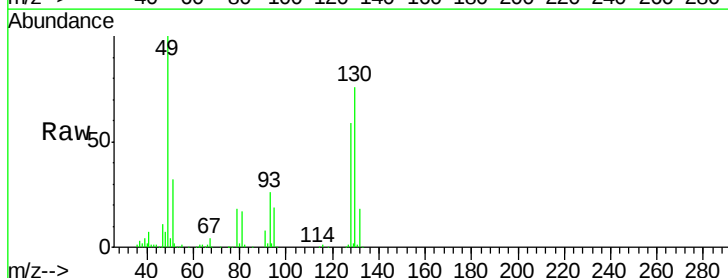
Tgt Ion: 49 Resp: 121893

Ion Ratio Lower Upper

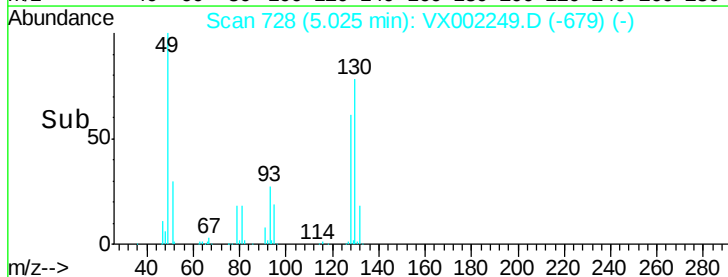
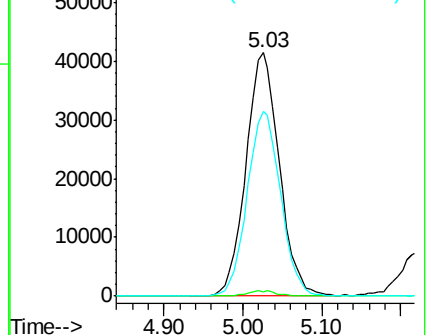
49 100

129 1.9 0.0 3.8

130 75.9 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: 335.78 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampled :

LF6-0050MS

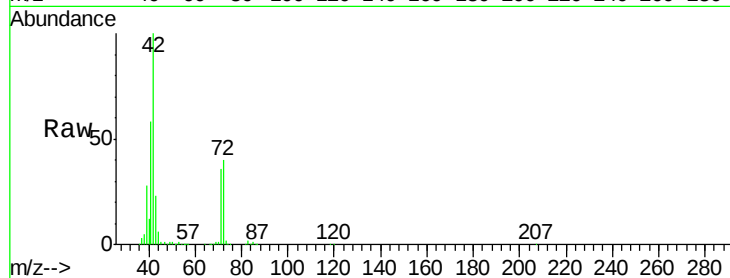
Tot Ion: 42 Resp: 405120

Ion Ratio Lower Upper

42 100

72 39.8 31.4 47.0

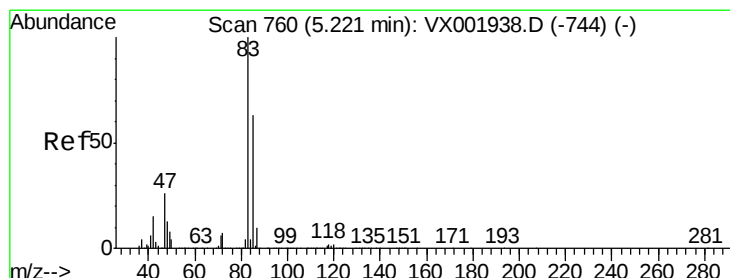
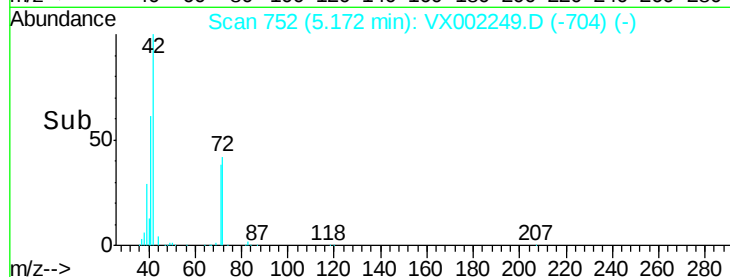
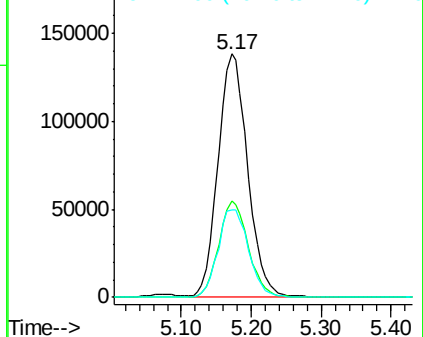
71 37.6 29.5 44.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 62.33 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002249.D

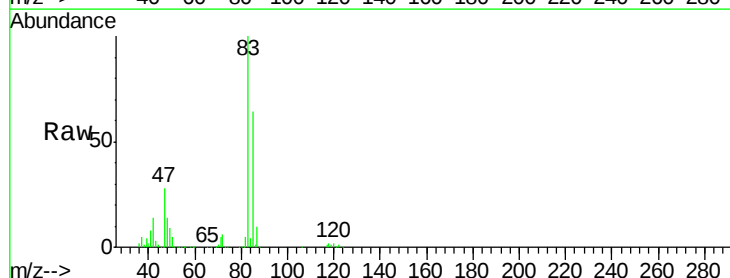
Acq: 02 Jun 2018 19:37

Tgt Ion: 83 Resp: 243491

Ion Ratio Lower Upper

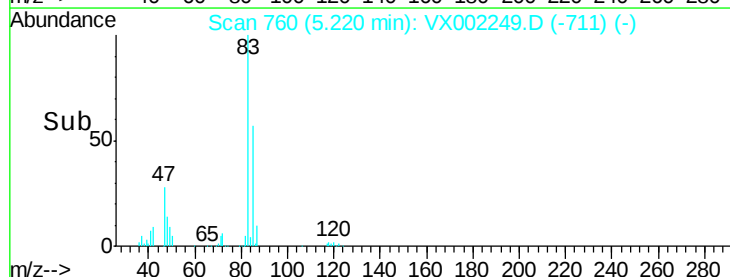
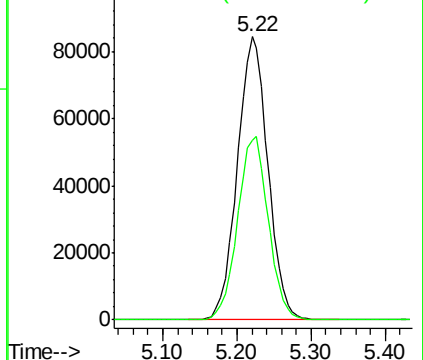
83 100

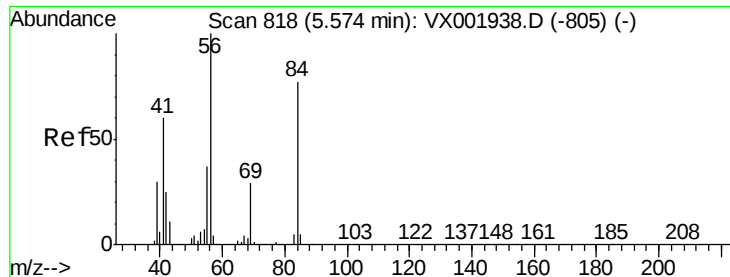
85 63.7 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

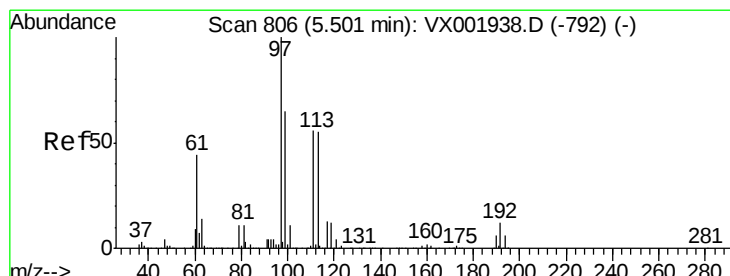
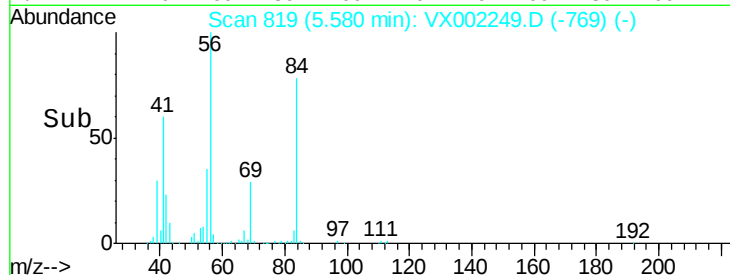
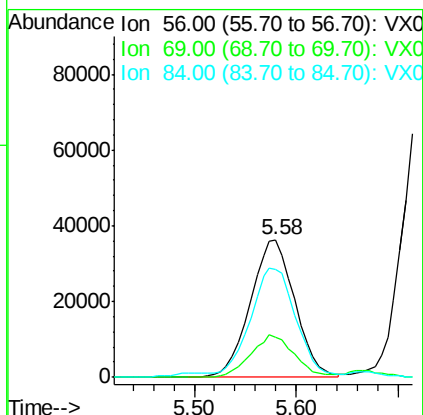
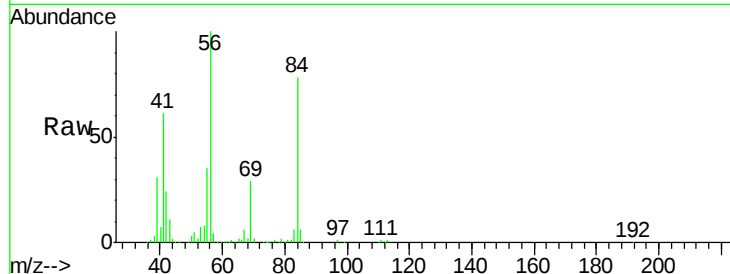




#31
Cyclohexane
Concen: 30.46 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

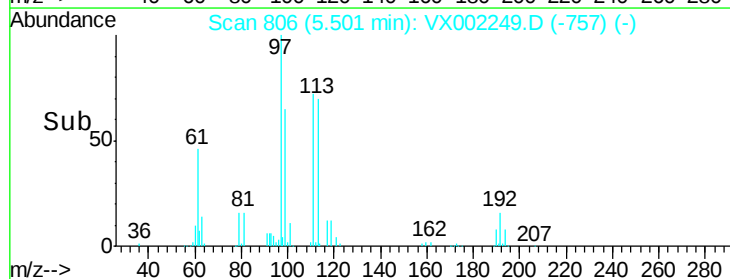
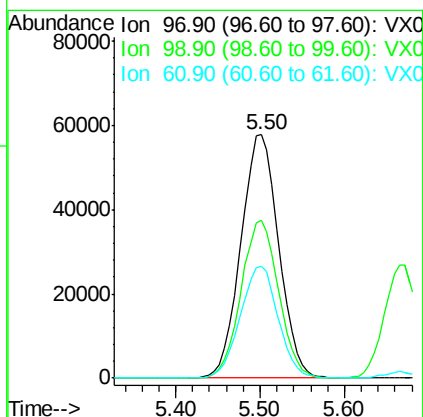
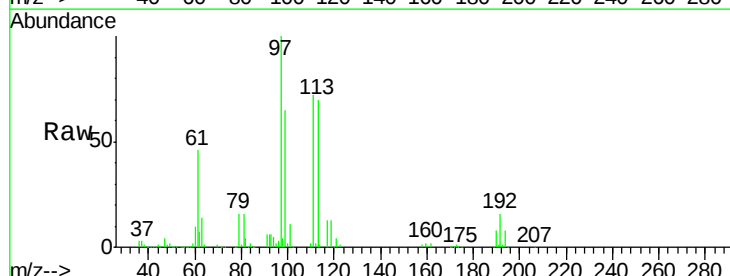
Instrument :
MSVOA_X
ClientSampled :
LF6-0050MS

Tot Ion: 56 Resp: 110015
Ion Ratio Lower Upper
56 100
69 29.1 23.1 34.7
84 75.8 62.0 93.0



#32
1,1,1-Trichloroethane
Concen: 48.56 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

Tgt Ion: 97 Resp: 176847
Ion Ratio Lower Upper
97 100
99 64.2 51.9 77.9
61 46.1 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 65.23 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

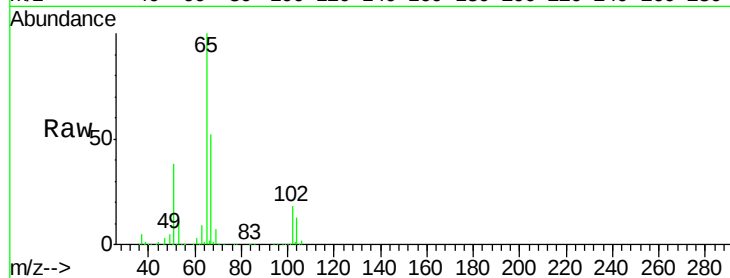
LF6-0050MS

Tot Ion: 65 Resp: 171007

Ion Ratio Lower Upper

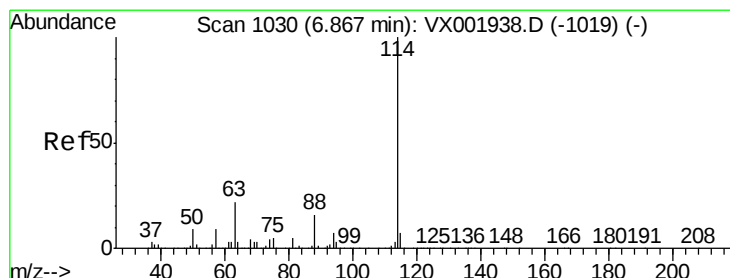
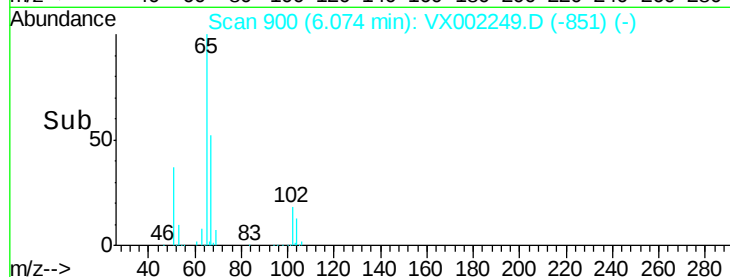
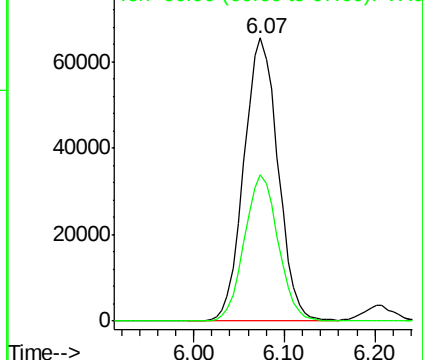
65 100

67 51.3 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: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

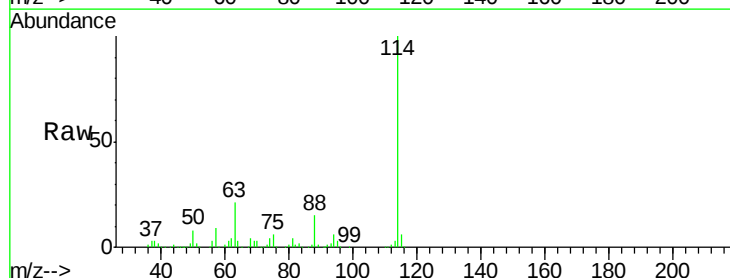
Tgt Ion: 114 Resp: 252400

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

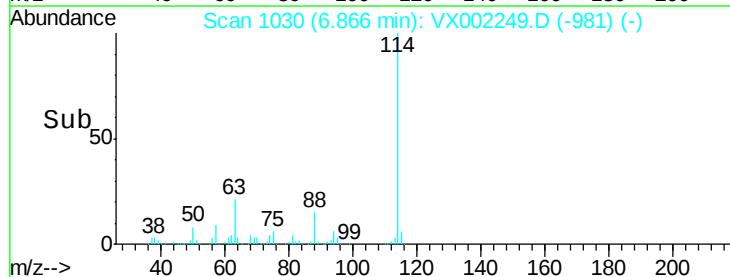
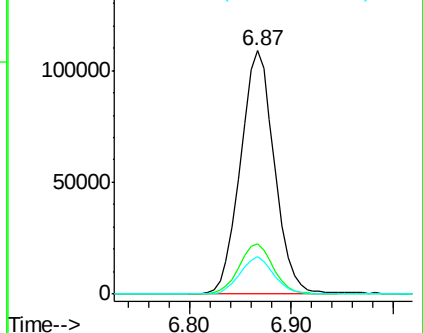
88 15.2 0.0 31.6

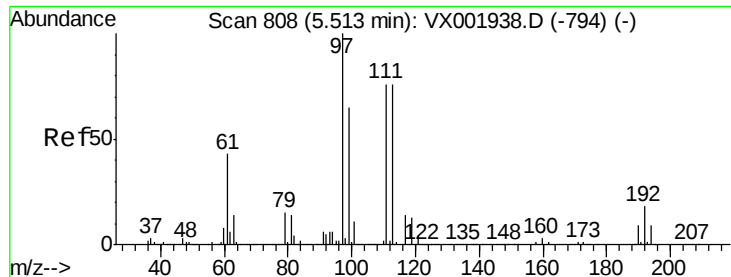


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.57 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampled :

LF6-0050MS

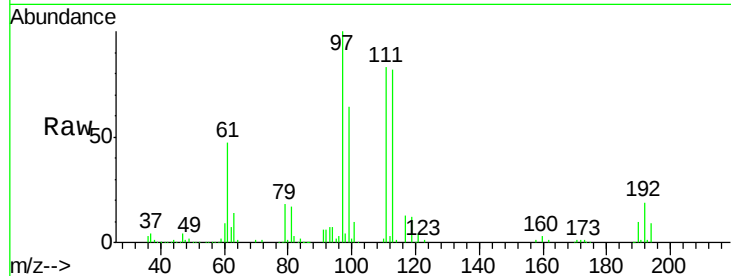
Tot Ion:113 Resp: 125125

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

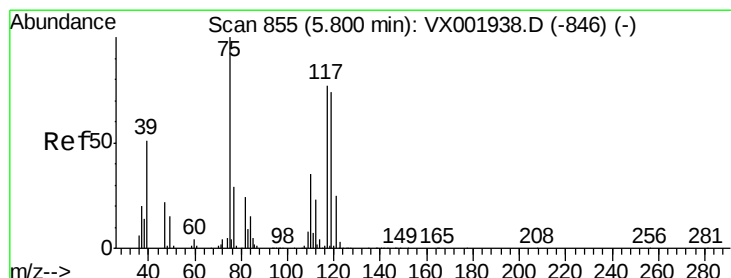
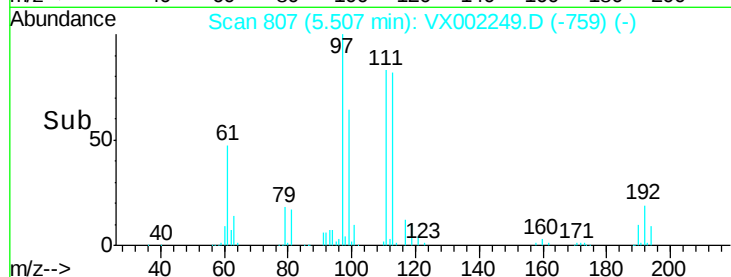
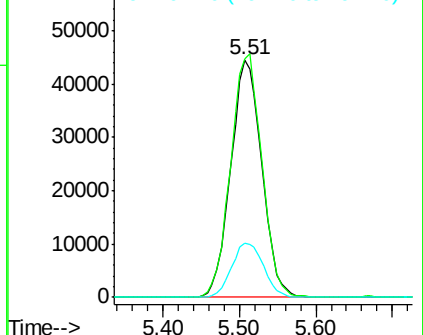
192 23.6 18.9 28.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 37.63 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

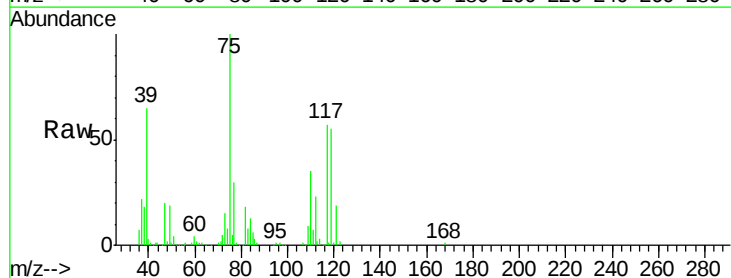
Tgt Ion: 75 Resp: 132110

Ion Ratio Lower Upper

75 100

110 36.3 17.4 52.2

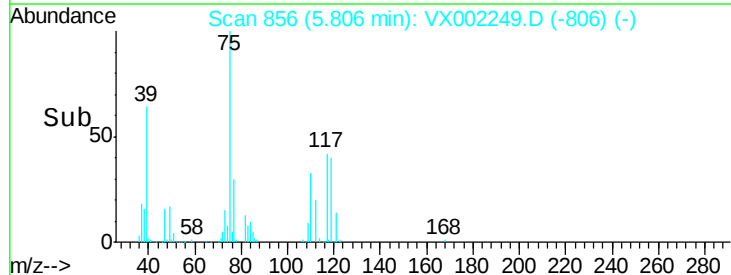
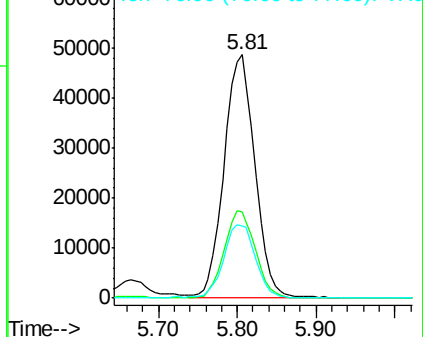
77 31.9 24.4 36.6

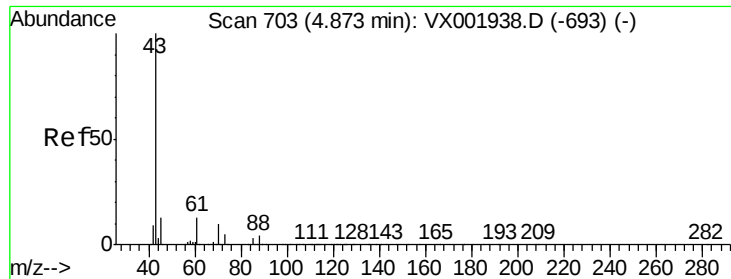


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

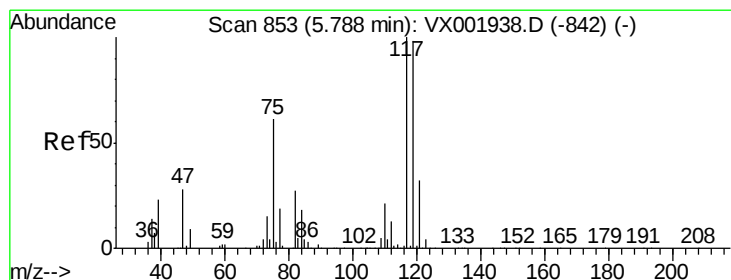
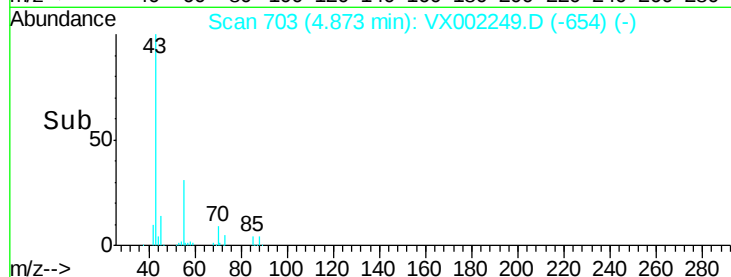
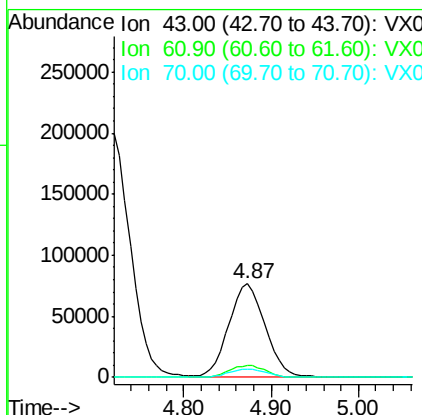
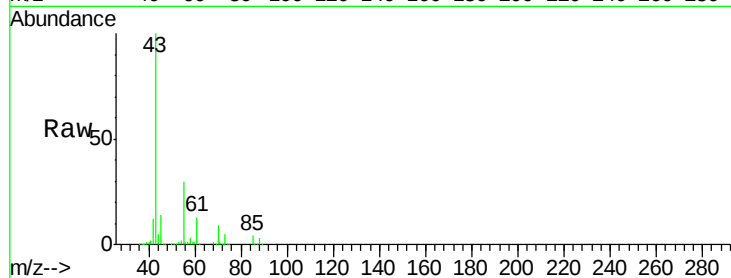




#37
Ethyl Acetate
Concen: 48.40 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

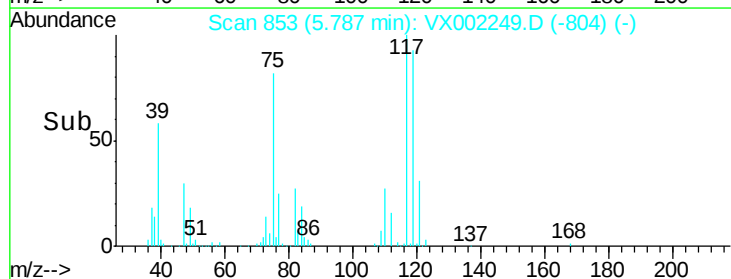
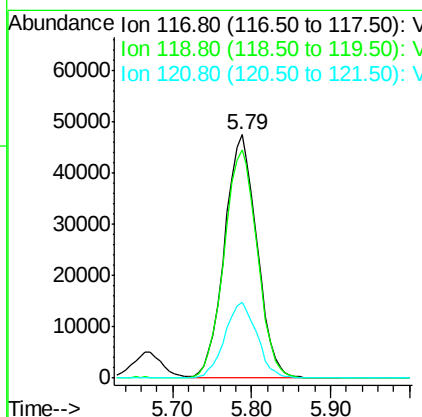
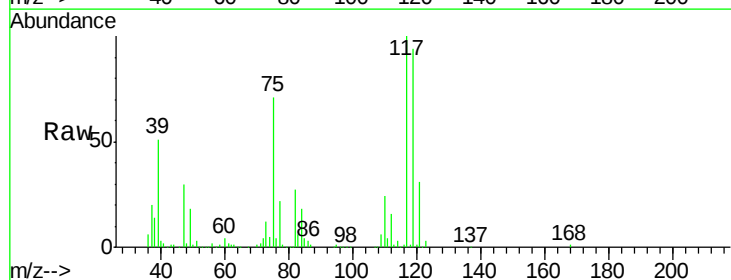
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050MS

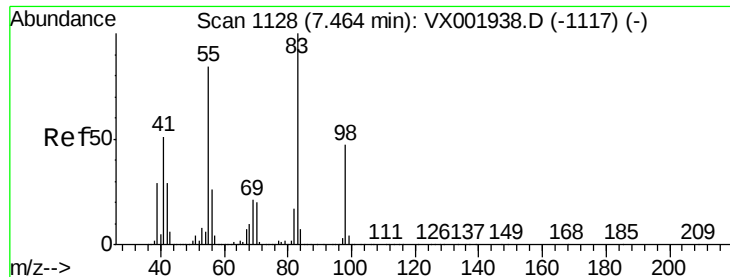
Tot Ion: 43 Resp: 221519
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.2
70 9.4 7.8 11.8



#38
Carbon Tetrachloride
Concen: 33.22 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

Tgt Ion: 117 Resp: 135999
Ion Ratio Lower Upper
117 100
119 93.7 78.5 117.7
121 31.2 25.5 38.3

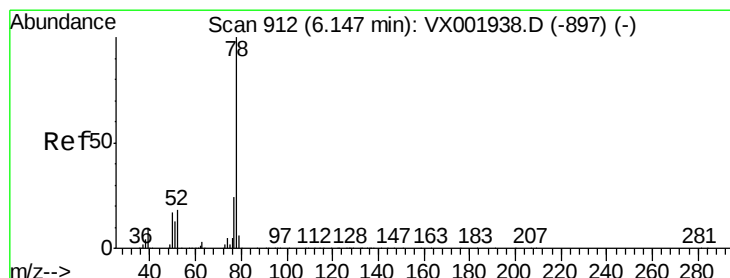
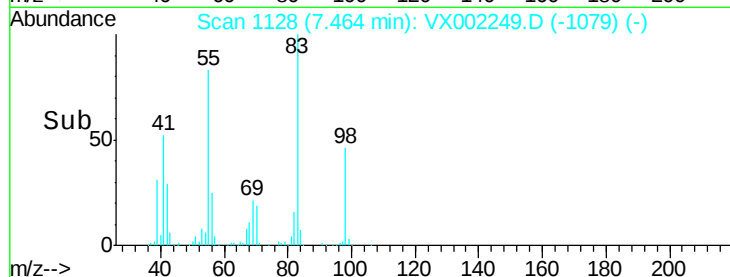
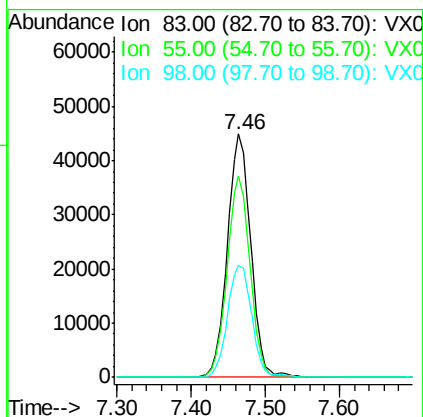
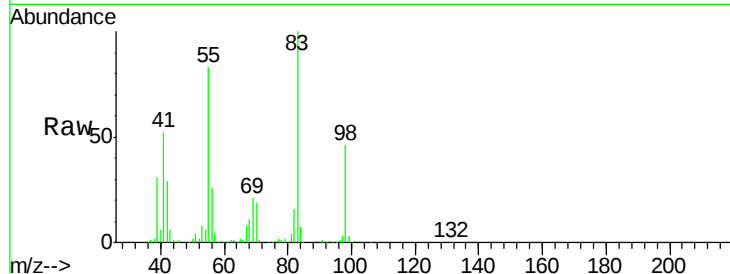




#39
Methvlcvclohexane
Concen: 22.94 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

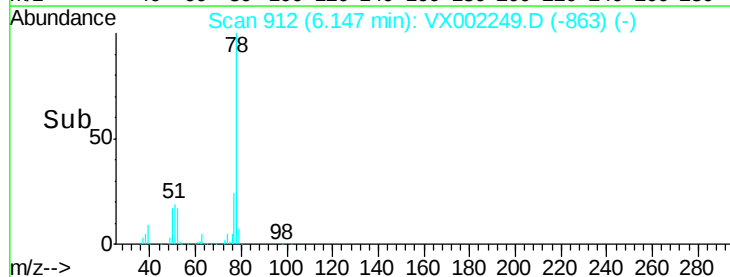
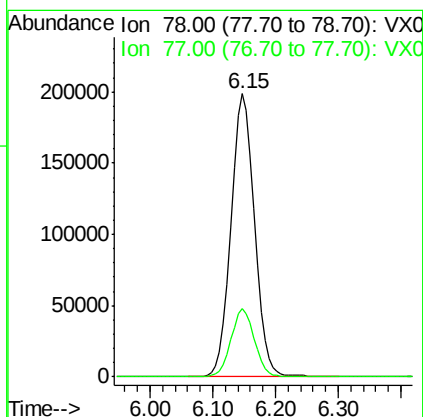
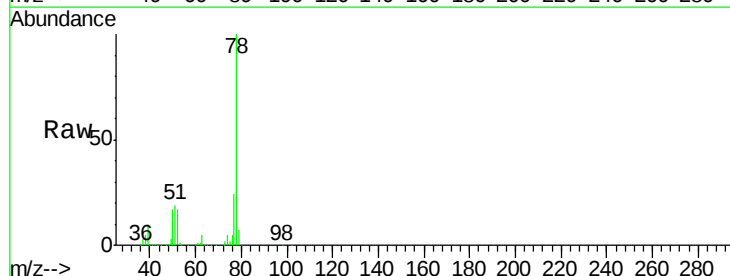
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050MS

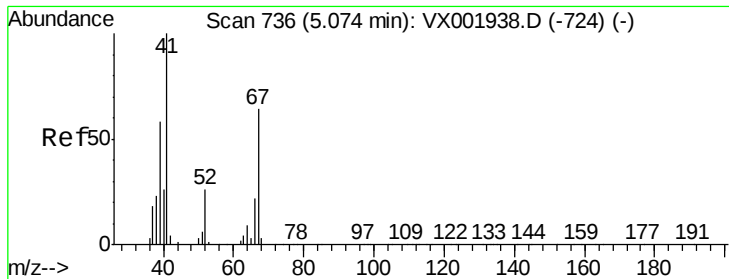
Tot Ion	83.00	Resp	98931
Ion	Ratio	Lower	Upper
83	100		
55	82.8	67.3	100.9
98	46.0	37.5	56.3



#40
Benzene
Concen: 50.27 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

Tgt Ion	78	Resp	517014
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7





#41

Methacrylonitrile

Concen: 54.83 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampled :

LF6-0050MS

Tot Ion: 41 Resp: 132120

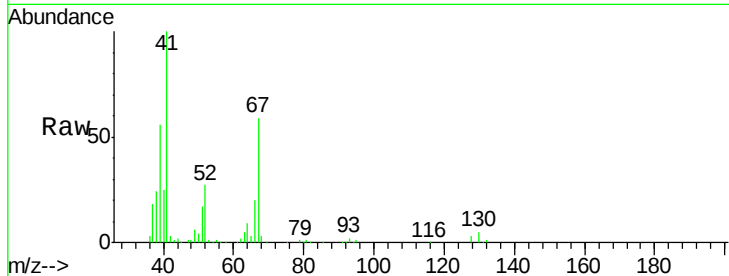
Ion Ratio Lower Upper

41 100

39 56.0 46.0 69.0

67 63.5 50.6 75.8

52 28.1 21.9 32.9

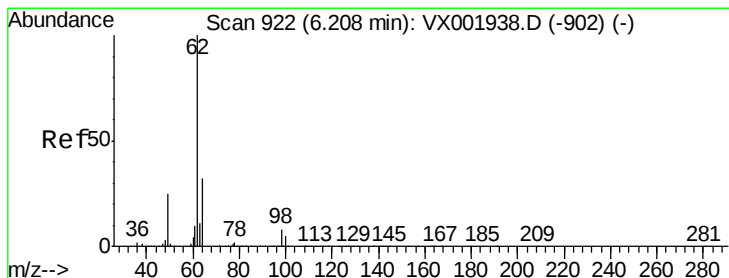
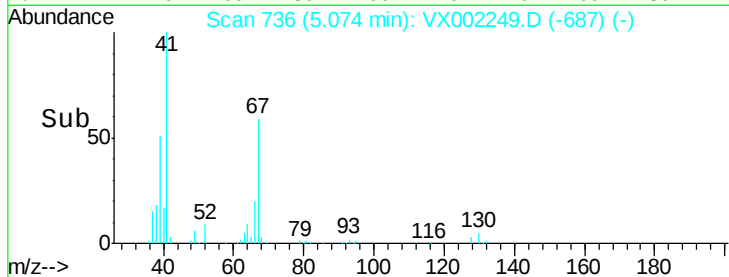
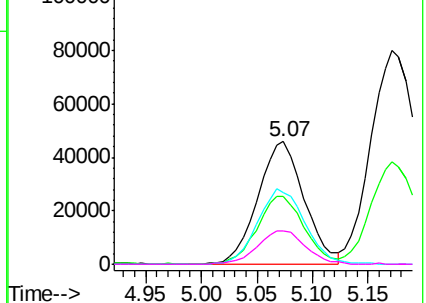


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 54.29 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX002249.D

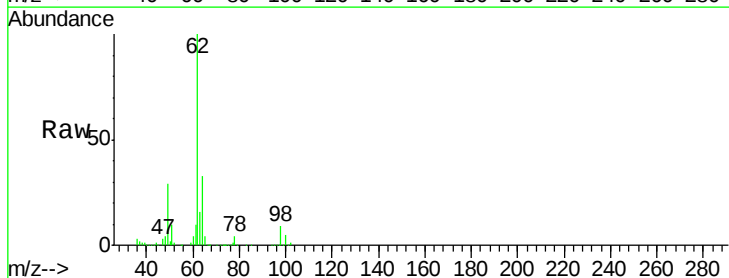
Acq: 02 Jun 2018 19:37

Tgt Ion: 62 Resp: 223054

Ion Ratio Lower Upper

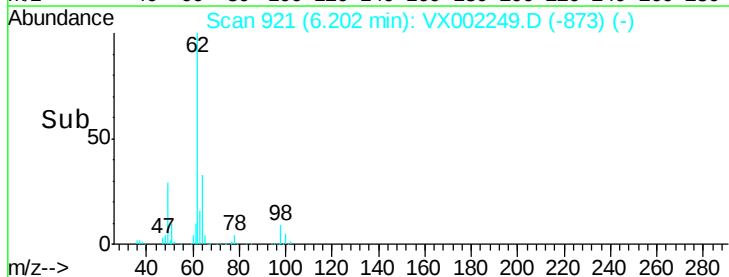
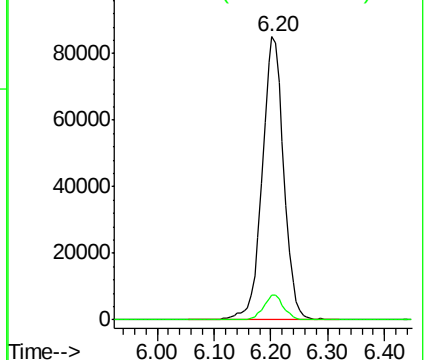
62 100

98 8.2 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



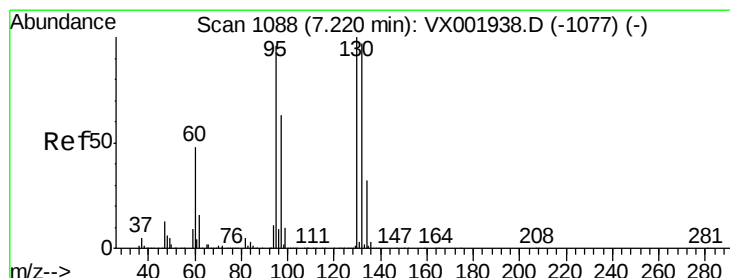
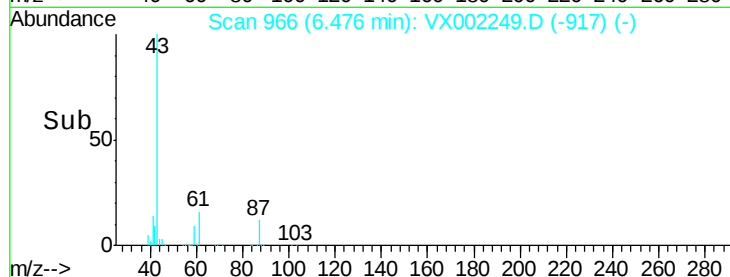
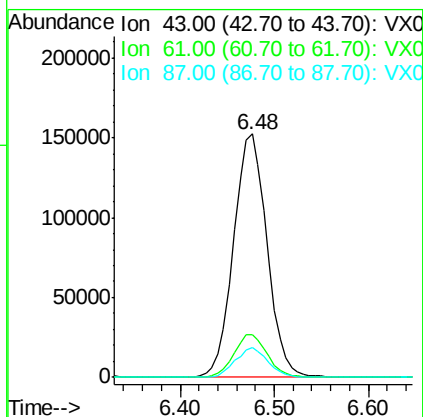
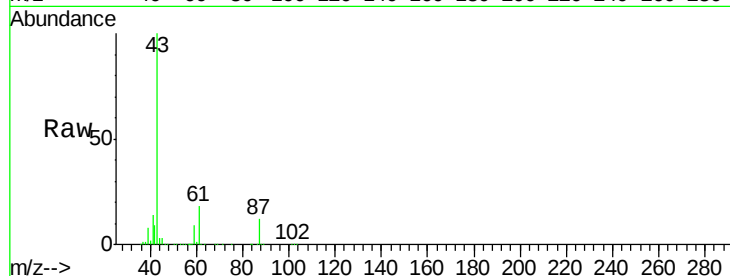


#43

Isopropyl Acetate
 Concen: 49.42 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX002249.D
 Acq: 02 Jun 2018 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0050MS

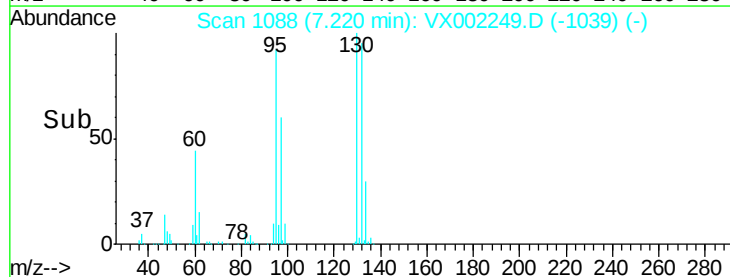
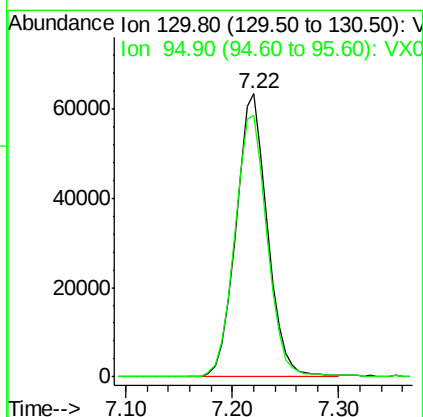
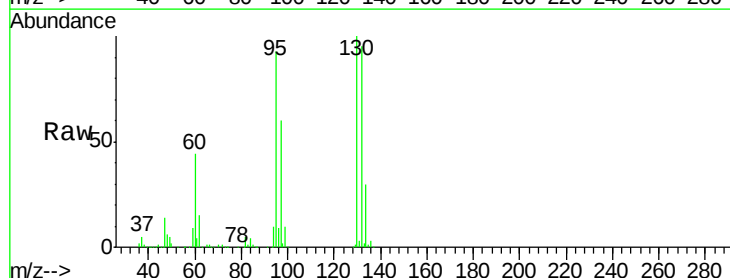
Tot Ion	43	Resp	376910
Ion Ratio	Lower	Upper	
43	100		
61	17.8	14.5	21.7
87	11.9	9.5	14.3



#44

Trichloroethene
 Concen: 43.72 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002249.D
 Acq: 02 Jun 2018 19:37

Tgt Ion	130	Resp	131046
Ion Ratio	Lower	Upper	
130	100		
95	92.6	0.0	192.0





#45

1,2-Dichloropropane

Concen: 53.26 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

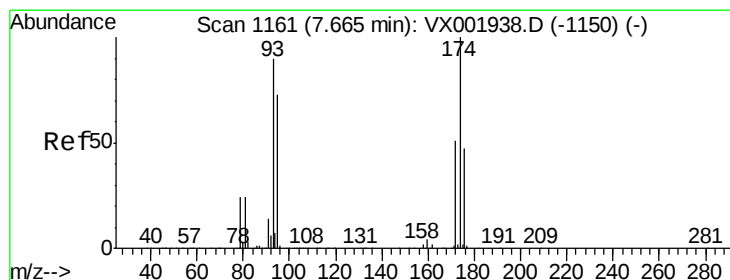
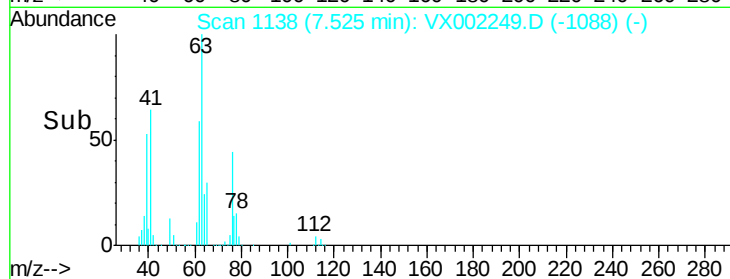
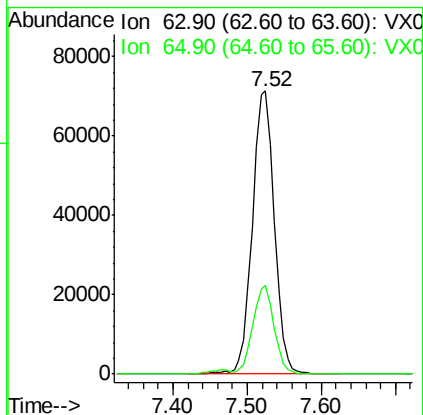
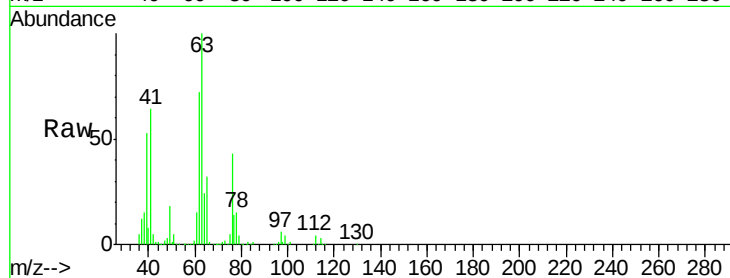
LF6-0050MS

Tot Ion: 63 Resp: 148756

Ion Ratio Lower Upper

63 100

65 31.5 24.1 36.1



#46

Dibromomethane

Concen: 53.76 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

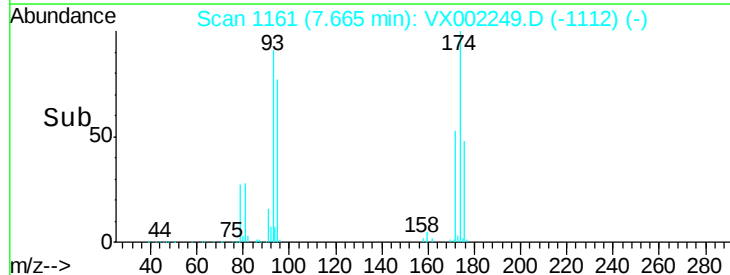
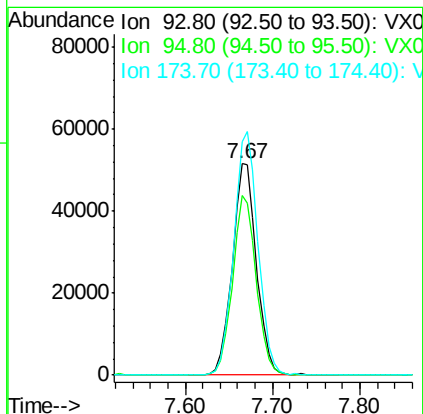
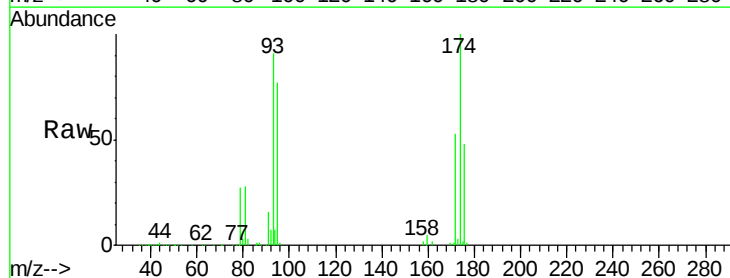
Tgt Ion: 93 Resp: 99415

Ion Ratio Lower Upper

93 100

95 83.8 66.1 99.1

174 115.5 92.5 138.7





#47

Bromodichloromethane

Concen: 45.72 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampled :

LF6-0050MS

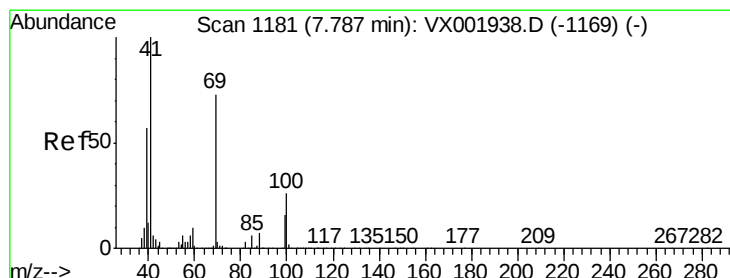
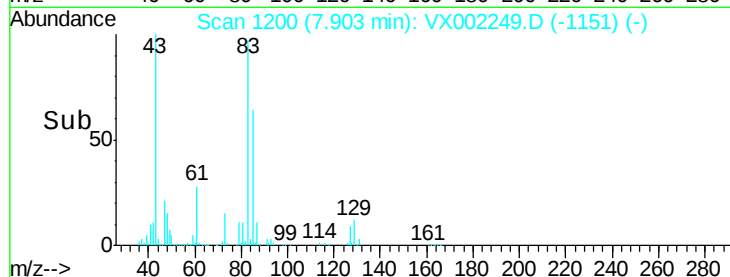
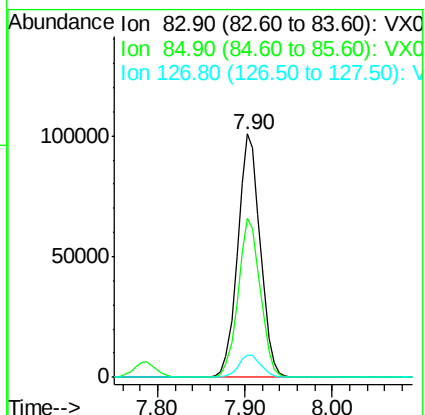
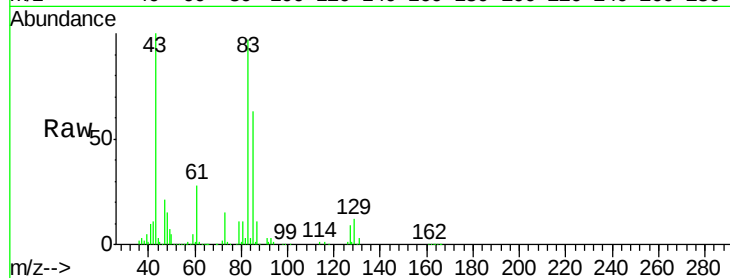
Tot Ion: 83 Resp: 180280

Ion Ratio Lower Upper

83 100

85 65.3 51.4 77.2

127 9.2 7.1 10.7



#48

Methyl methacrylate

Concen: 50.47 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

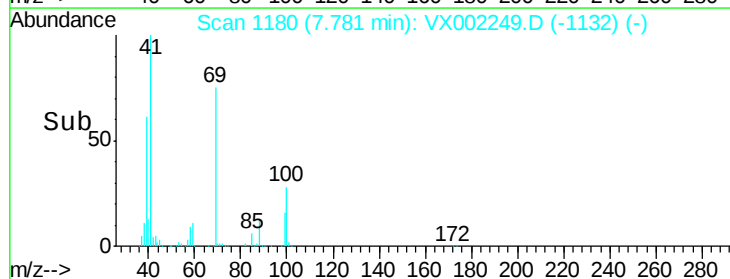
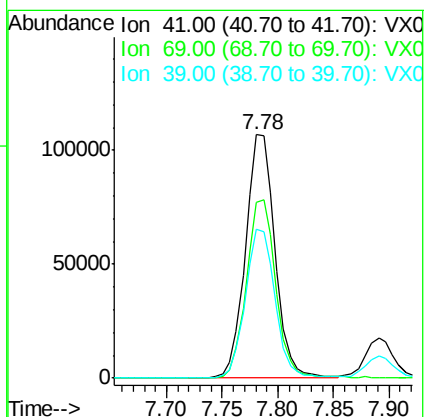
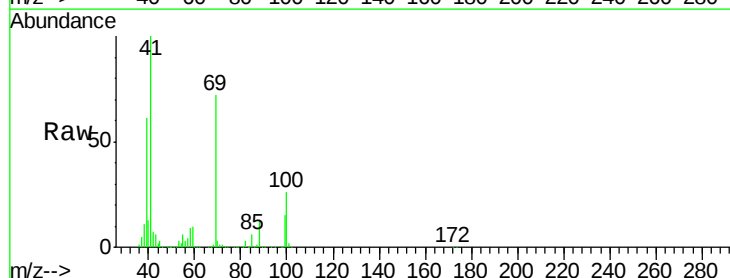
Tgt Ion: 41 Resp: 195900

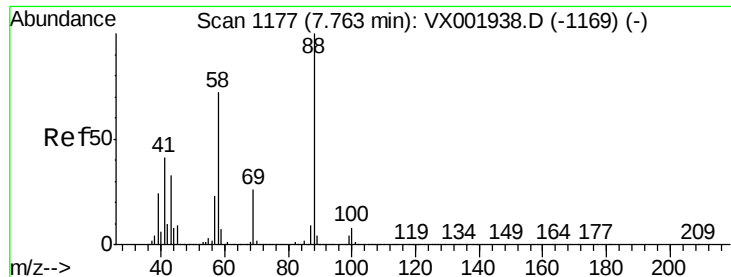
Ion Ratio Lower Upper

41 100

69 73.7 58.6 87.8

39 62.0 46.3 69.5

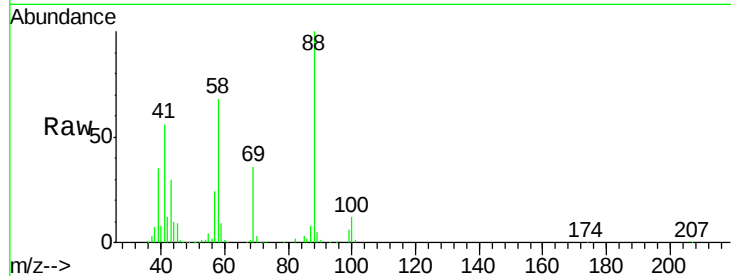




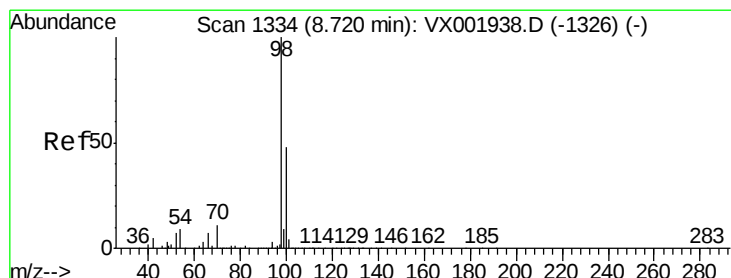
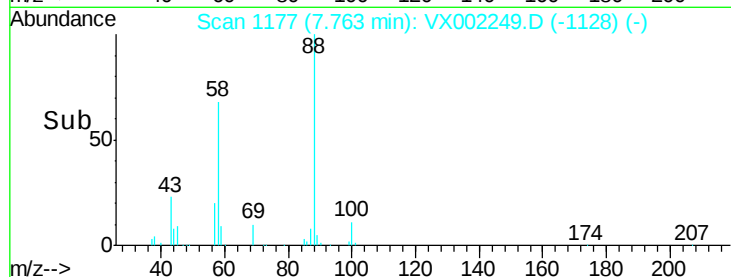
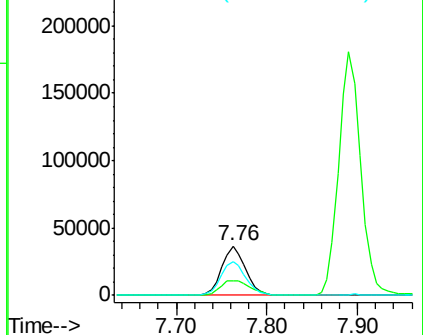
#49
 1,4-Dioxane
 Concen: 975.64 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX002249.D
 Acq: 02 Jun 2018 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0050MS

Tot Ion: 88 Resp: 66733
 Ion Ratio Lower Upper
 88 100
 43 37.8 29.8 44.8
 58 71.1 58.7 88.1

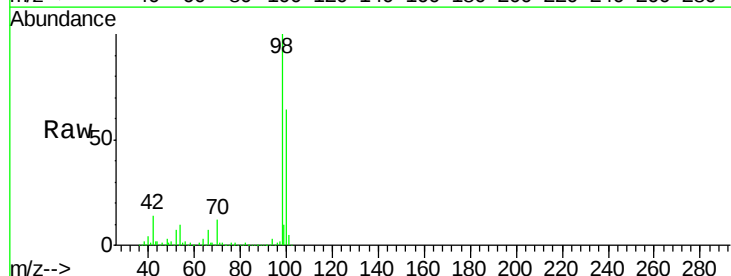


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

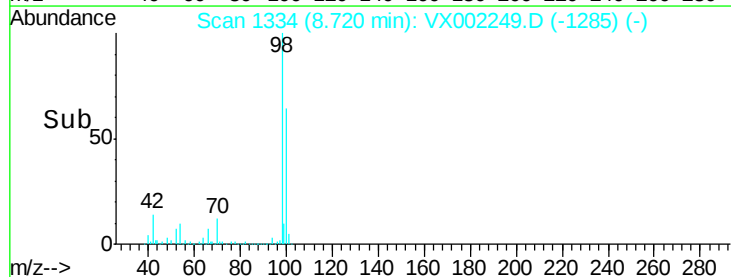
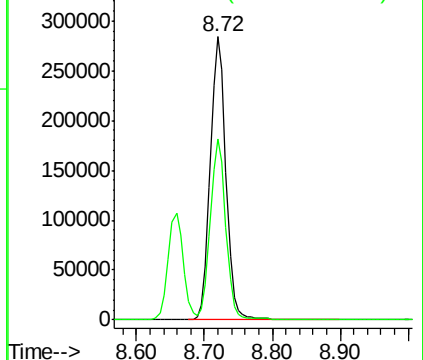


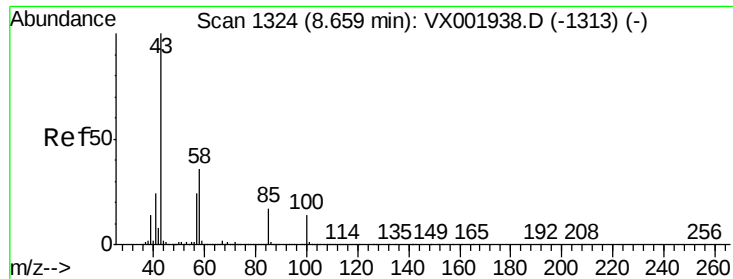
#50
 Toluene-d8
 Concen: 49.50 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002249.D
 Acq: 02 Jun 2018 19:37

Tgt Ion: 98 Resp: 452347
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.5 77.3



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

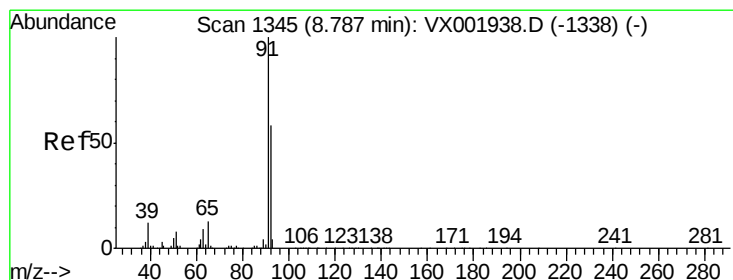
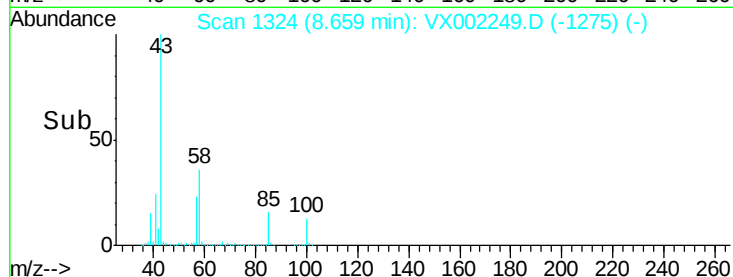
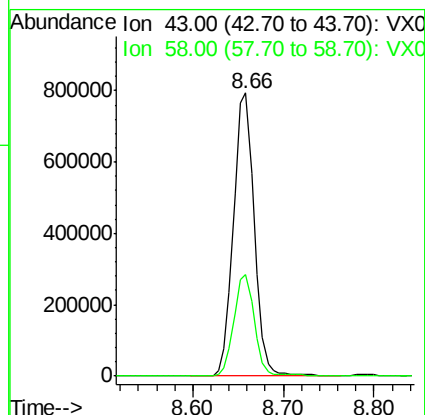
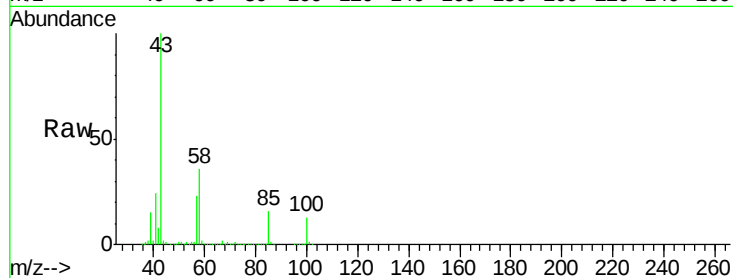




#51
4-Methyl-2-Pentanone
Concen: 275.62 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

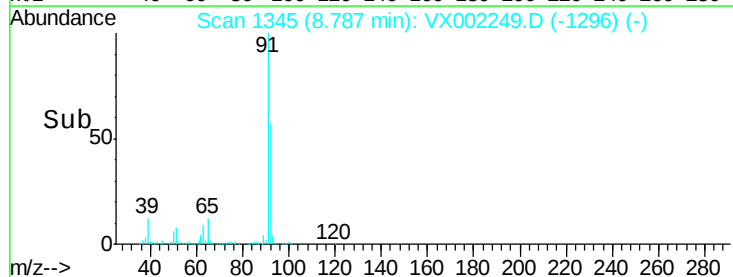
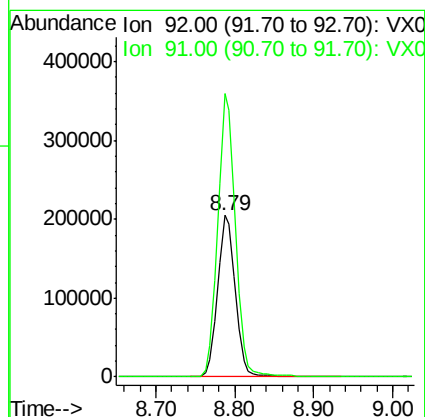
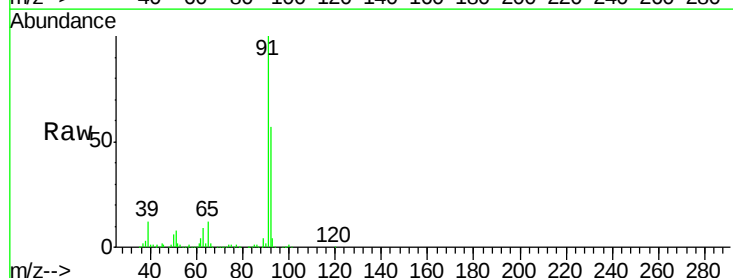
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050MS

Tot Ion: 43 Resp: 1267109
Ion Ratio Lower Upper
43 100
58 35.1 28.5 42.7



#52
Toluene
Concen: 49.11 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

Tgt Ion: 92 Resp: 321469
Ion Ratio Lower Upper
92 100
91 174.4 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 46.60 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampled :

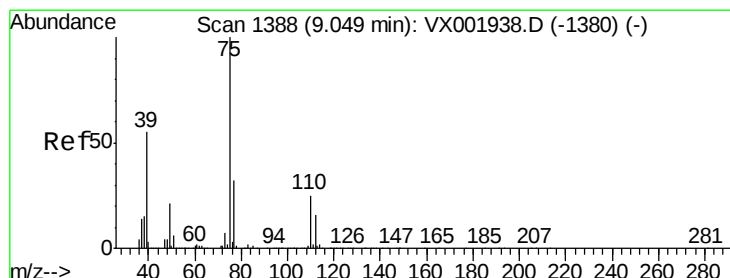
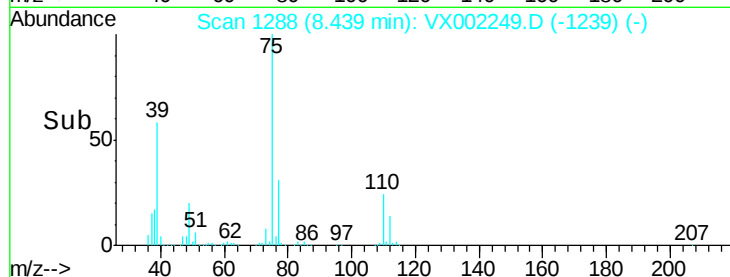
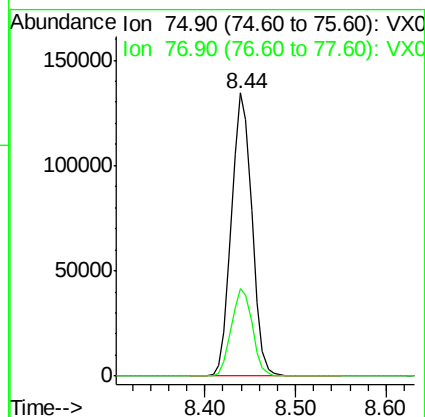
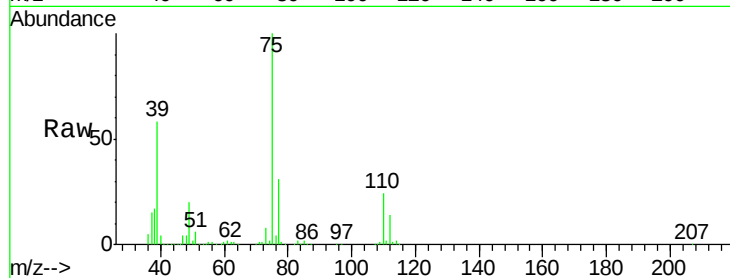
LF6-0050MS

Tot Ion: 75 Resp: 211648

Ion Ratio Lower Upper

75 100

77 30.8 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 45.39 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

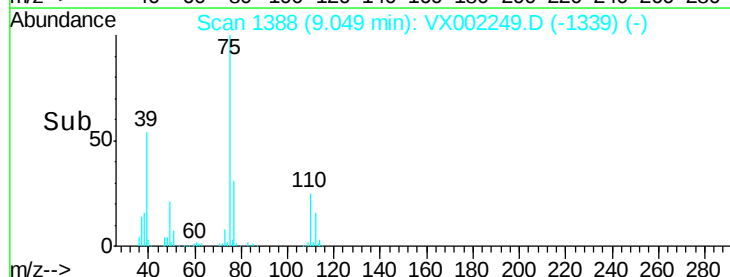
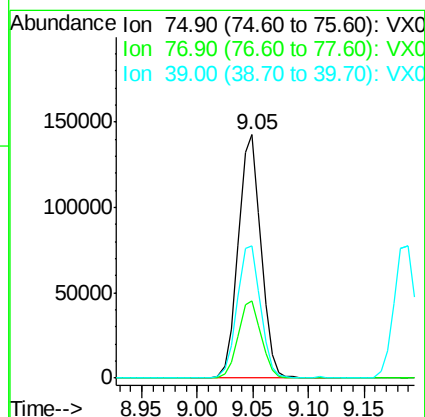
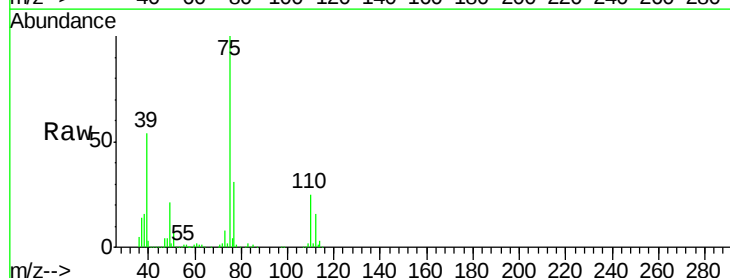
Tgt Ion: 75 Resp: 200880

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 54.1 44.1 66.1

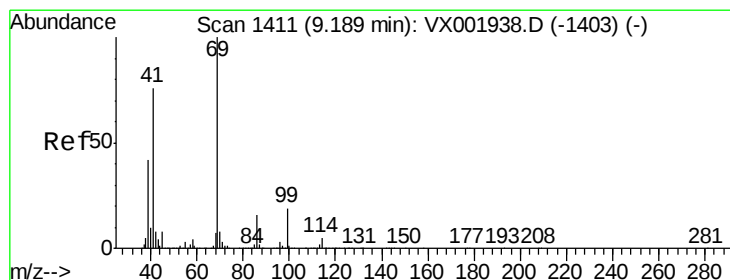
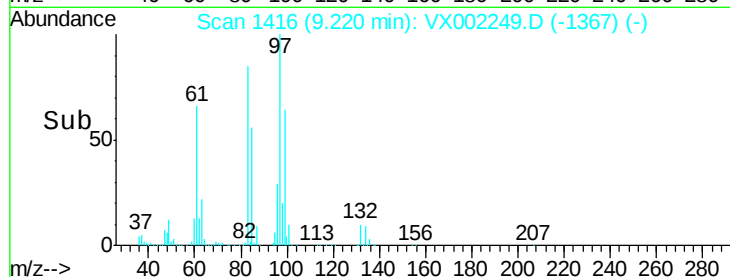
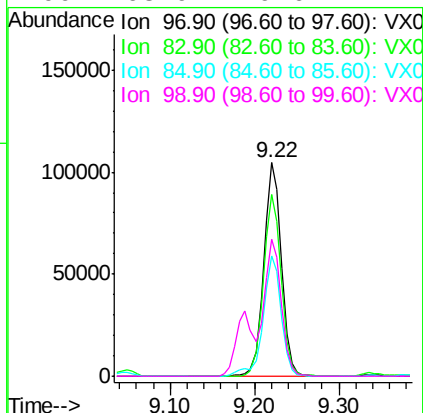
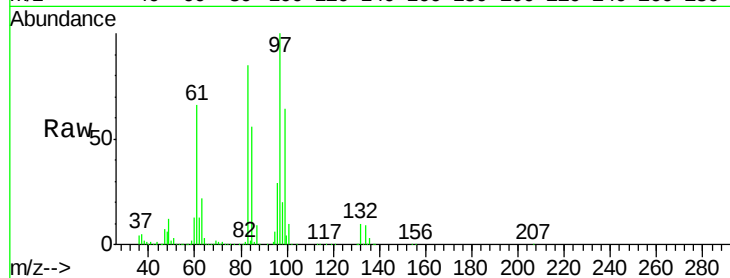




#55
 1,1,2-Trichloroethane
 Concen: 55.31 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002249.D
 Acq: 02 Jun 2018 19:37

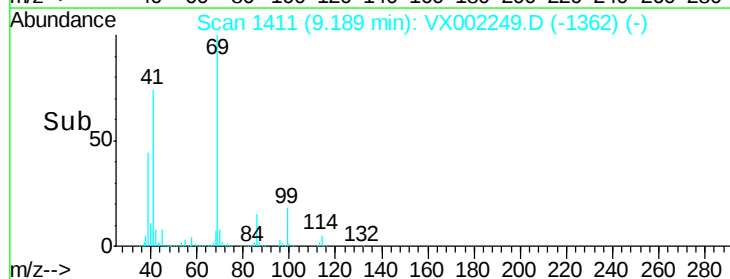
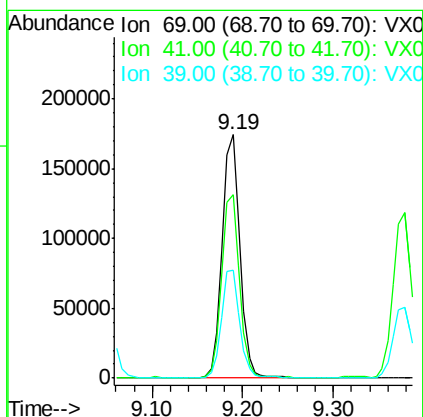
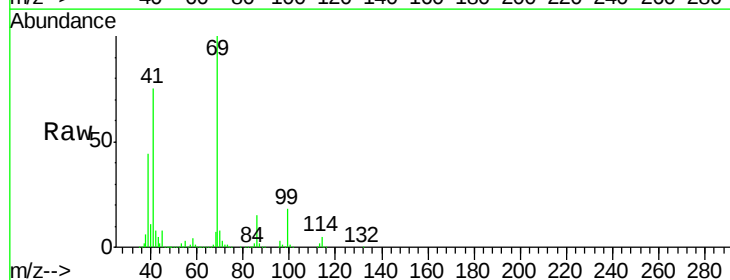
Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0050MS

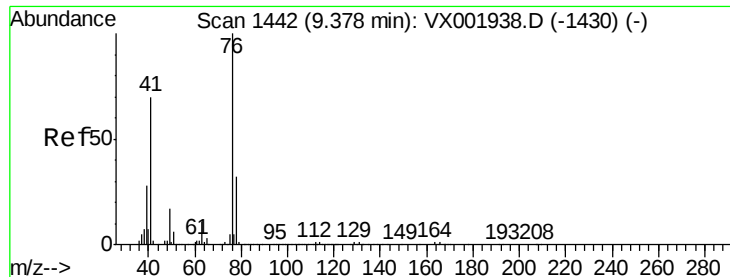
Tot Ion:	97	Resp:	151245
Ion	Ratio	Lower	Upper
97	100		
83	85.3	69.1	103.7
85	56.0	45.2	67.8
99	63.9	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 50.89 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX002249.D
 Acq: 02 Jun 2018 19:37

Tgt Ion:	69	Resp:	239365
Ion	Ratio	Lower	Upper
69	100		
41	75.7	61.0	91.6
39	45.3	34.4	51.6





#57

1,3-Dichloropropane

Concen: 55.30 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

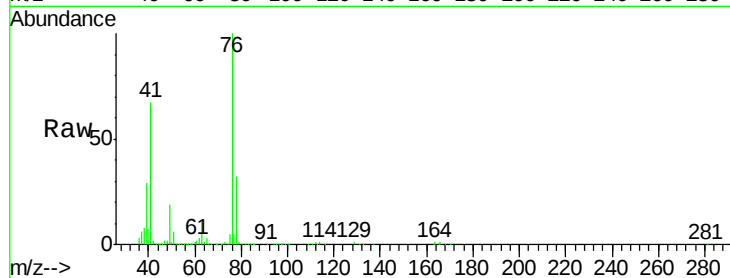
LF6-0050MS

Tot Ion: 76 Resp: 249093

Ion Ratio Lower Upper

76 100

78 32.2 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

200000

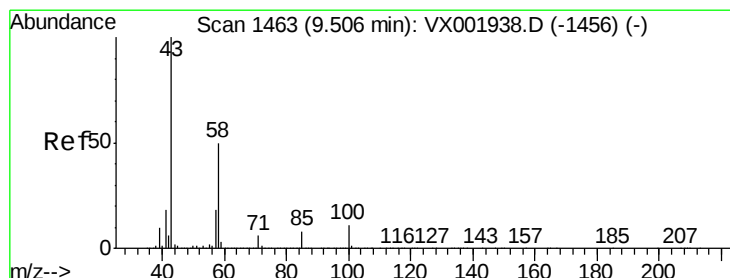
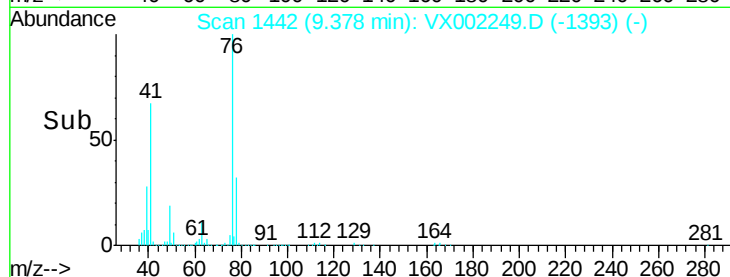
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 269.97 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.01 min

Lab File: VX002249.D

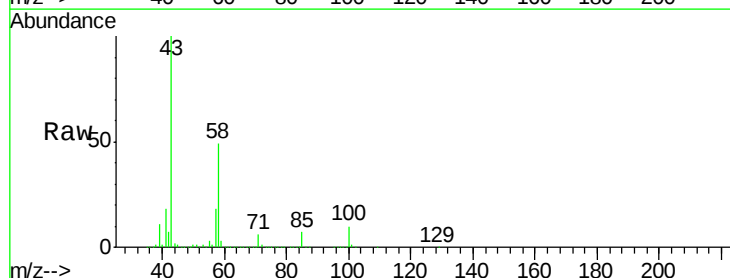
Acq: 02 Jun 2018 19:37

Tgt Ion: 43 Resp: 956981

Ion Ratio Lower Upper

43 100

58 49.8 24.9 74.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.50

800000

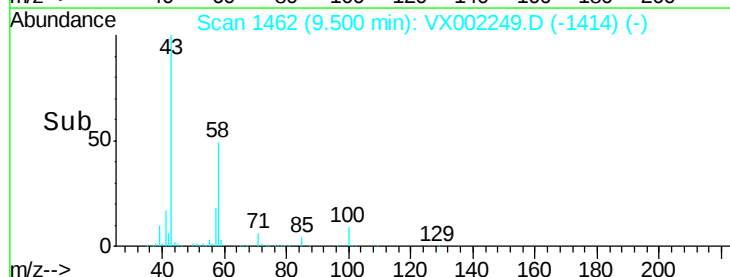
600000

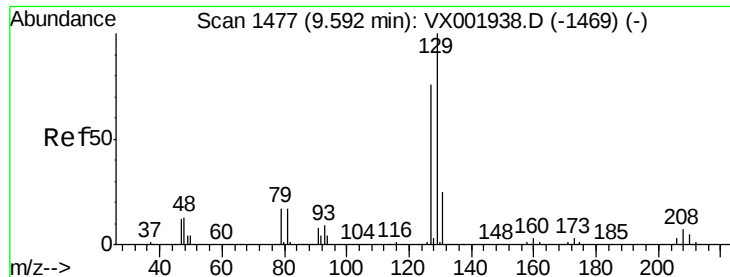
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 46.73 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.01 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

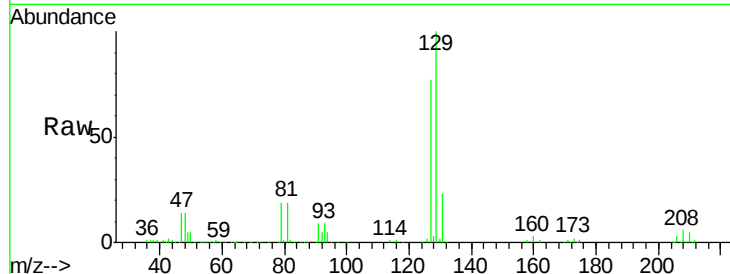
LF6-0050MS

Tot Ion:129 Resp: 151352

Ion Ratio Lower Upper

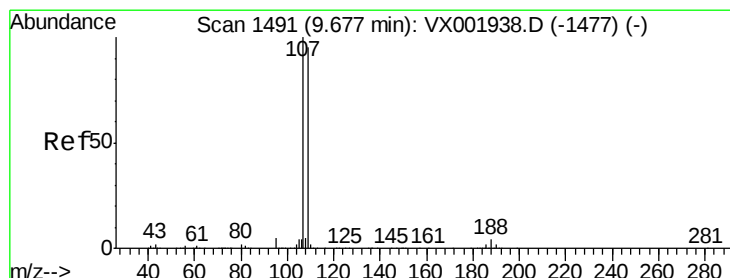
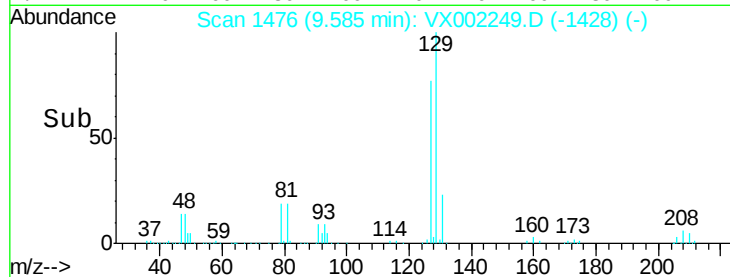
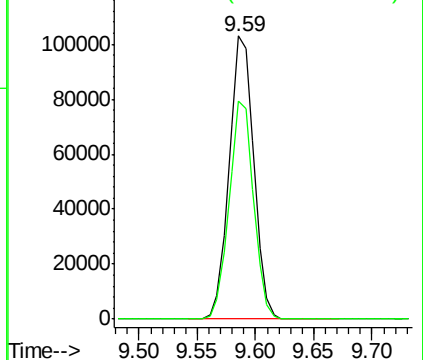
129 100

127 76.6 38.3 114.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 55.24 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002249.D

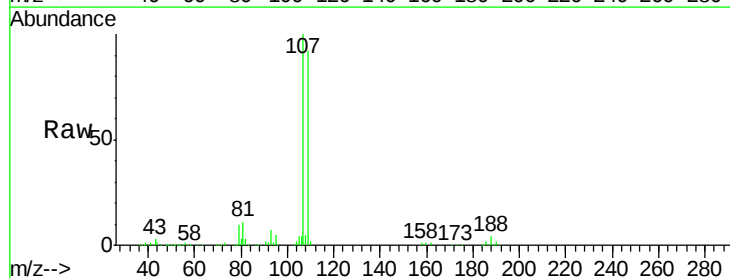
Acq: 02 Jun 2018 19:37

Tgt Ion:107 Resp: 158499

Ion Ratio Lower Upper

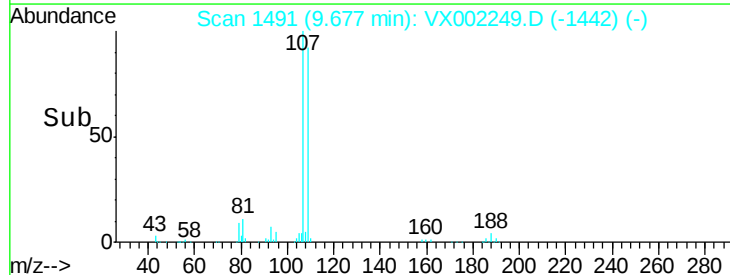
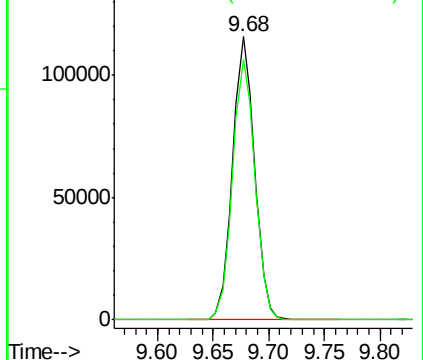
107 100

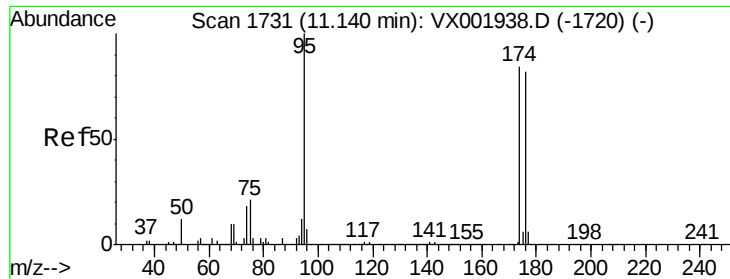
109 93.9 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

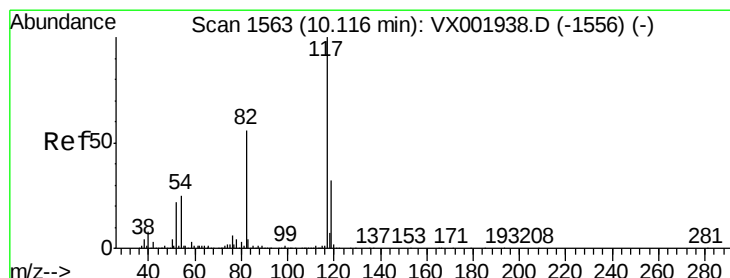
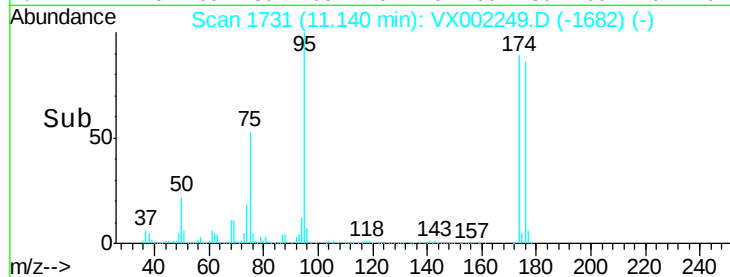
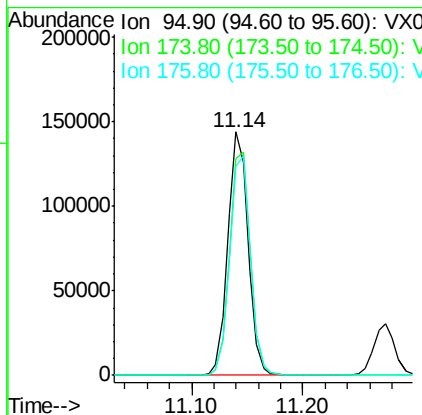
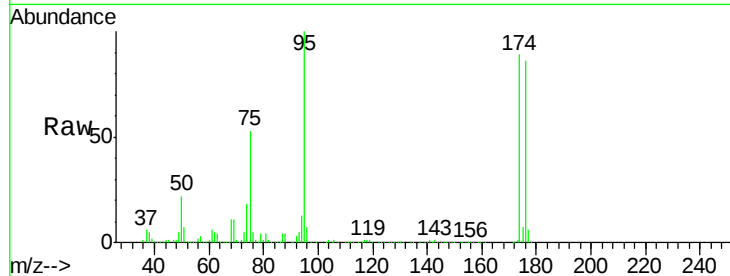




#62
4-Bromofluorobenzene
Concen: 50.77 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

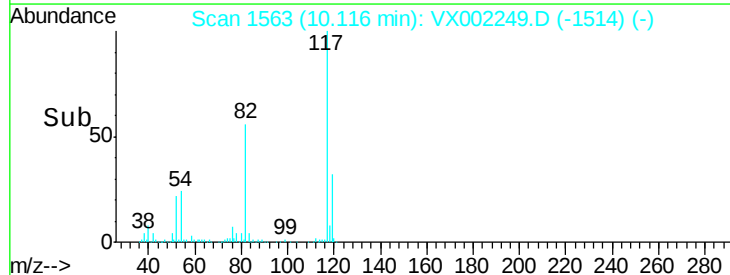
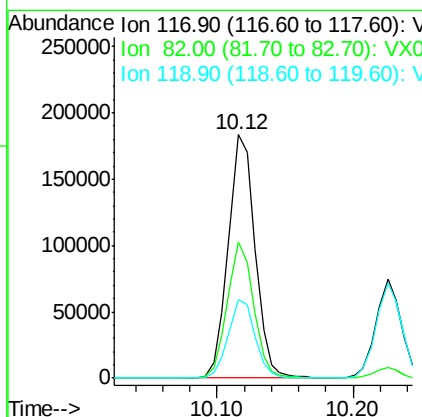
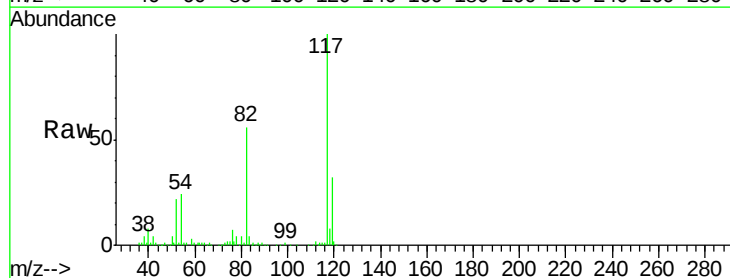
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050MS

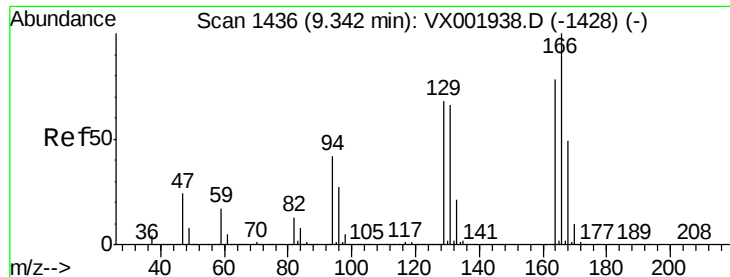
Tot Ion	95	Resp	181520
Ion Ratio	Lower	Upper	
95	100		
174	93.9	0.0	178.8
176	91.8	0.0	175.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

Tgt Ion	117	Resp	253027
Ion Ratio	Lower	Upper	
117	100		
82	55.8	44.8	67.2
119	32.2	25.5	38.3

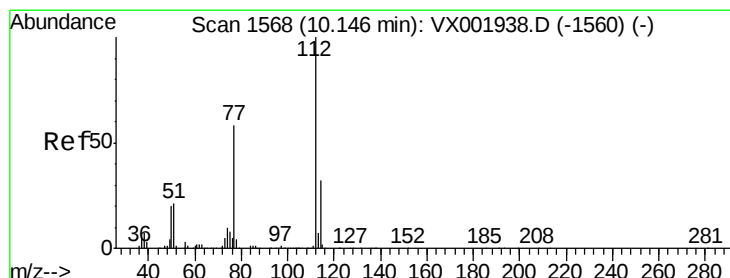
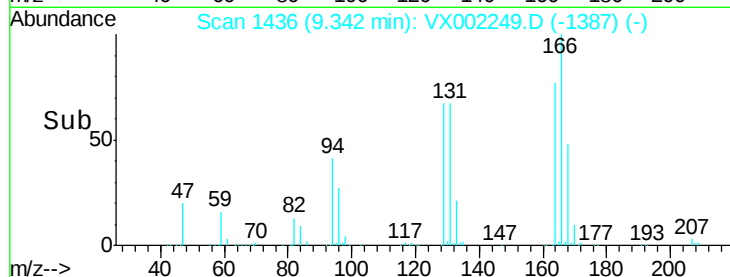
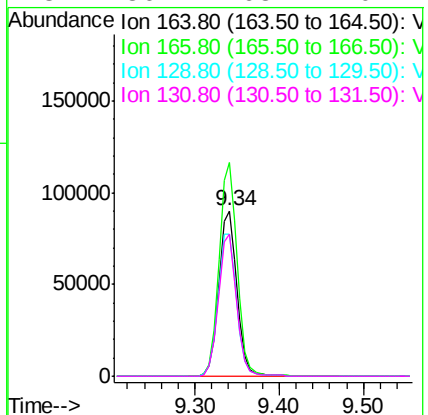
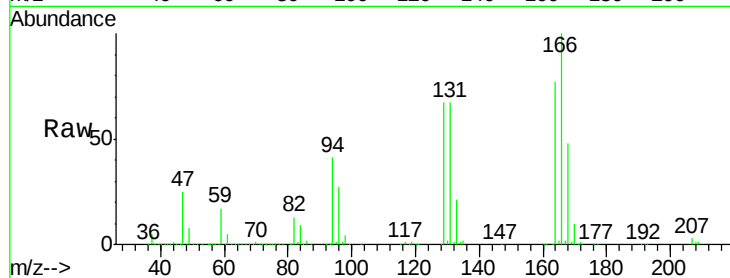




#64
Tetrachloroethene
Concen: 37.24 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

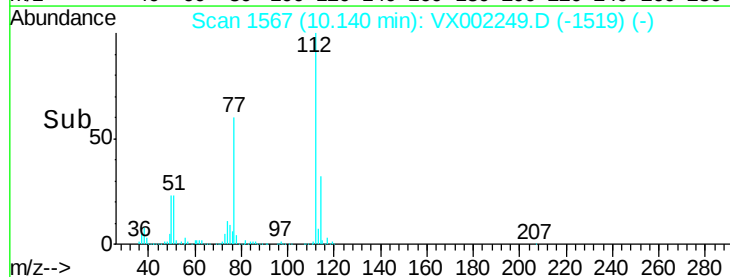
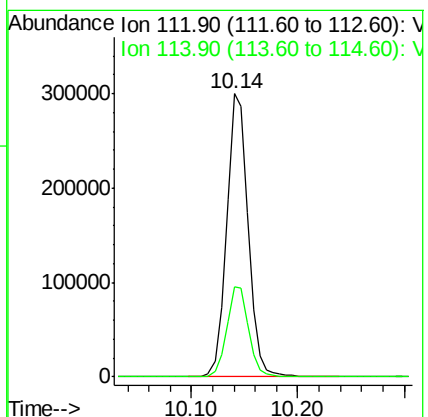
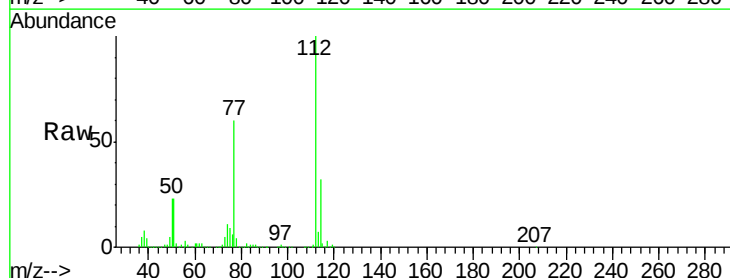
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050MS

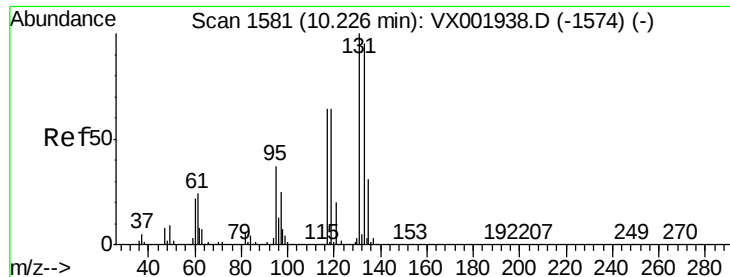
Tot Ion	Ratio	Lower	Upper
164	100		
166	129.1	102.7	154.1
129	85.9	70.3	105.5
131	86.2	68.2	102.4



#65
Chlorobenzene
Concen: 52.79 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.9	38.9

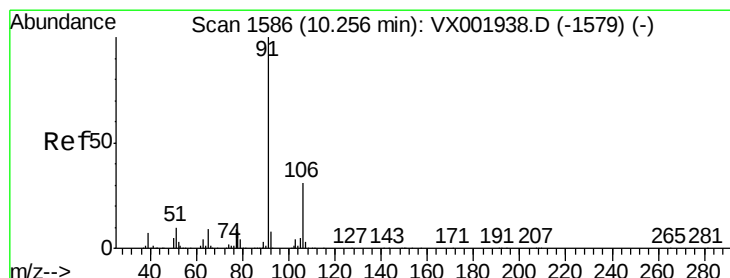
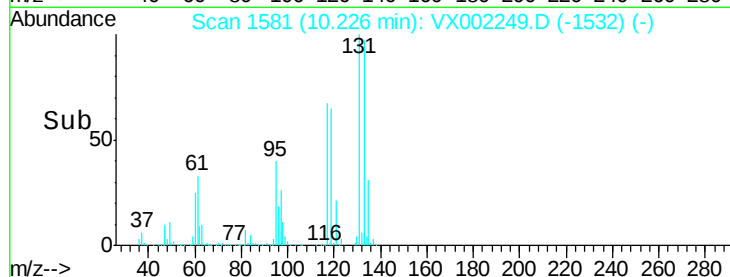
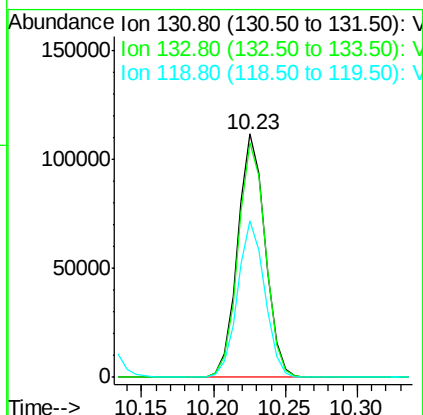
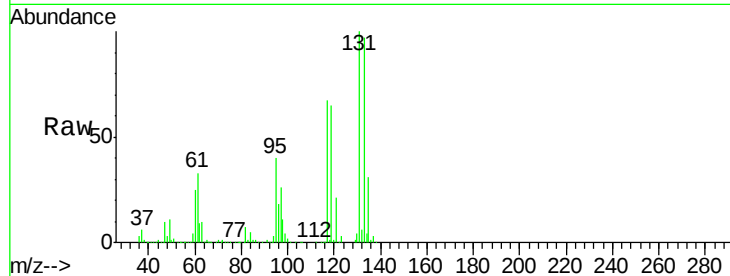




#66
 1,1,1,2-Tetrachloroethane
 Concen: 45.62 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX002249.D
 Acq: 02 Jun 2018 19:37

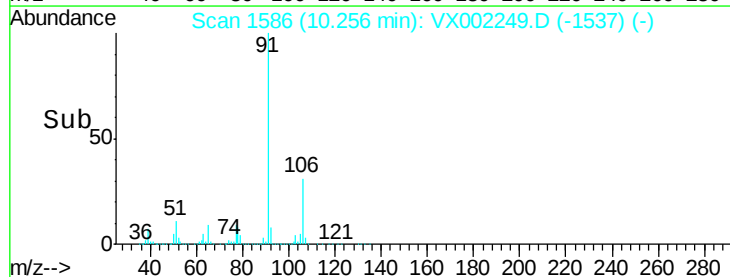
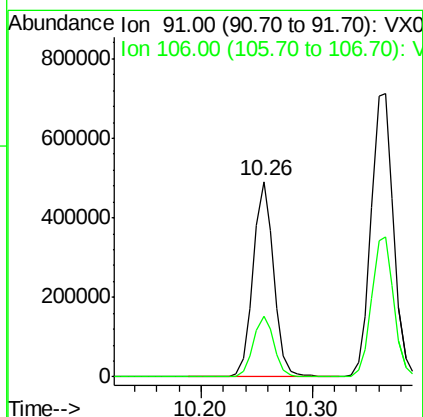
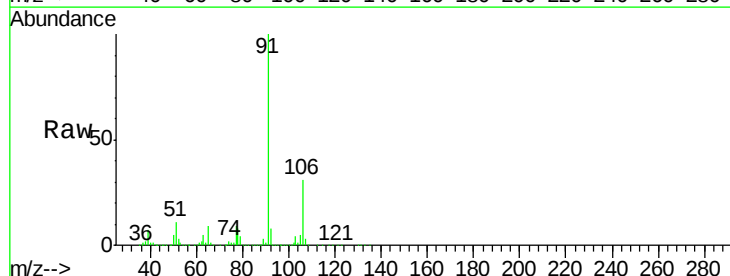
Instrument :
 MSVOA_X
 ClientSampled :
 LF6-0050MS

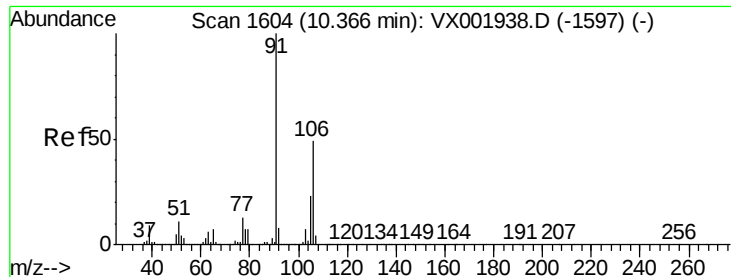
Tot Ion	Ratio	Lower	Upper
131	100		
133	96.3	48.0	144.0
119	63.5	31.9	95.5



#67
 Ethyl Benzene
 Concen: 45.40 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX002249.D
 Acq: 02 Jun 2018 19:37

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.0	37.6

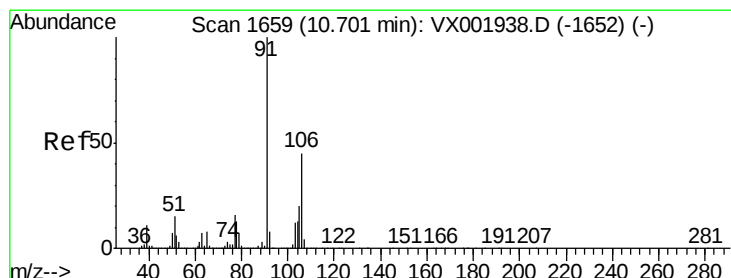
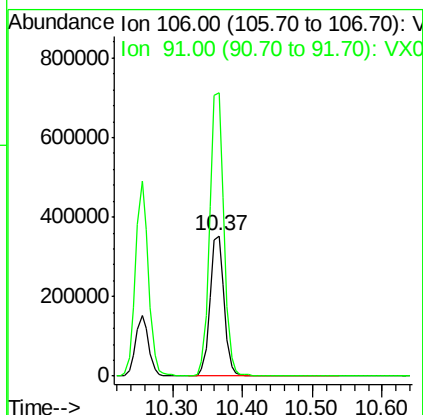
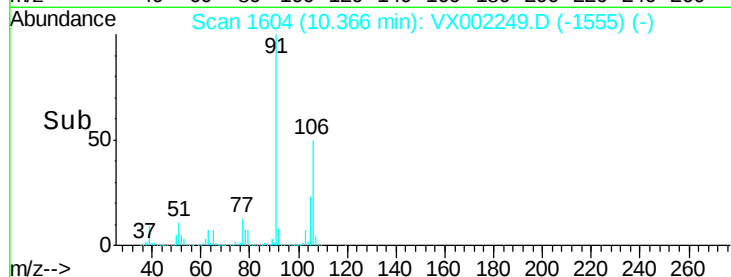
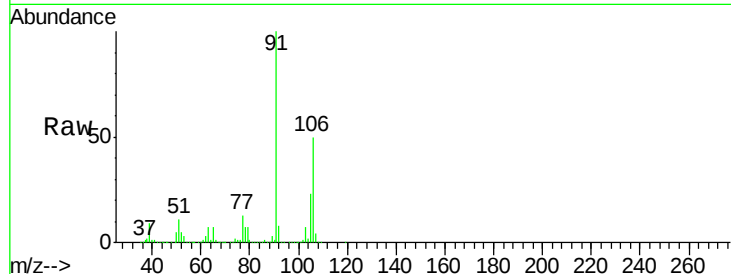




#68
m/p-Xylenes
Concen: 92.58 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

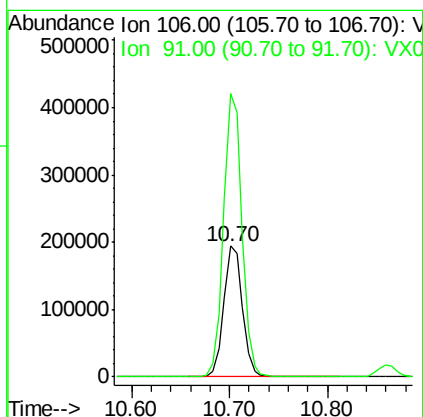
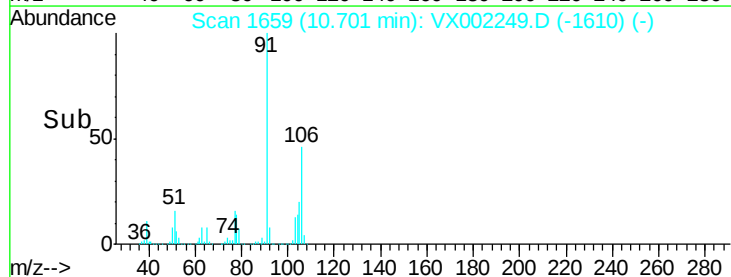
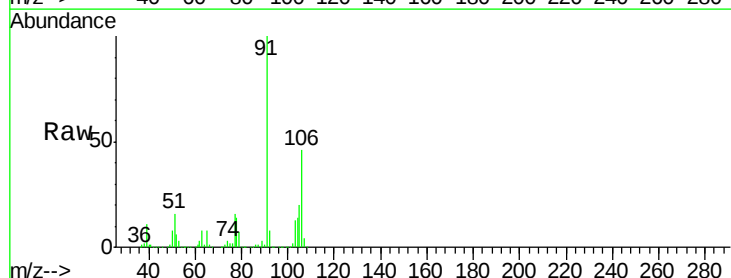
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050MS

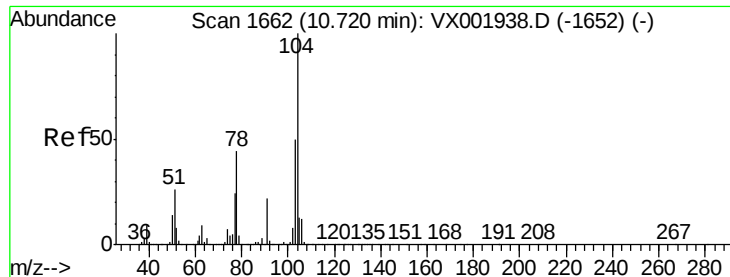
Tot Ion:106 Resp: 492938
Ion Ratio Lower Upper
106 100
91 203.6 165.0 247.6



#69
o-Xylene
Concen: 48.17 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

Tgt Ion:106 Resp: 256096
Ion Ratio Lower Upper
106 100
91 214.4 108.7 325.9





#70

Stvrene

Concen: 48.31 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

LF6-0050MS

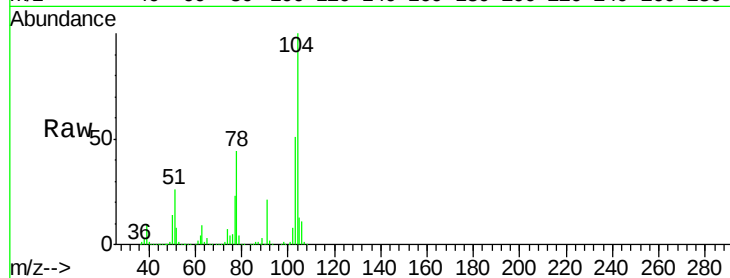
Tot Ion:104 Resp: 425884

Ion Ratio Lower Upper

104 100

78 51.8 41.8 62.6

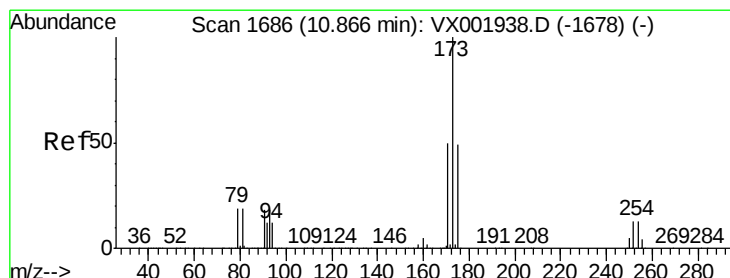
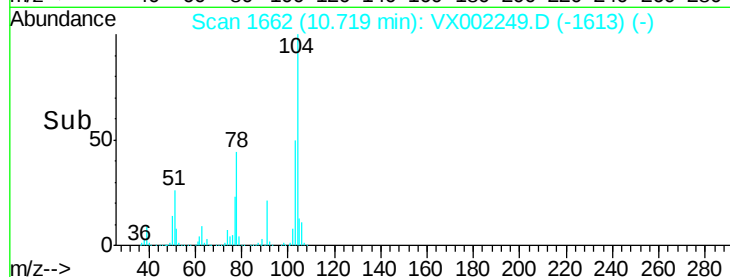
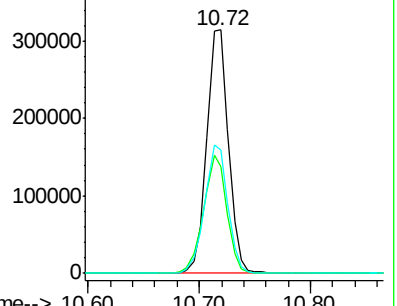
103 56.1 44.6 67.0



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



#71

Bromoform

Concen: 38.17 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

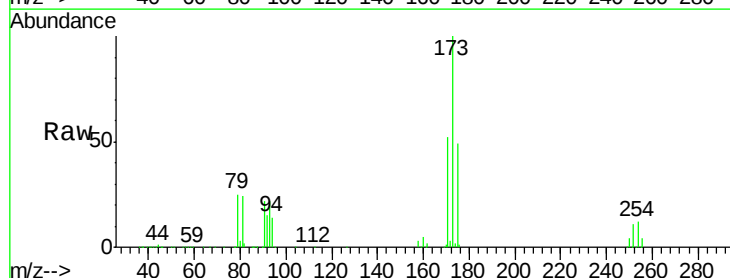
Tgt Ion:173 Resp: 117174

Ion Ratio Lower Upper

173 100

175 49.0 24.3 72.9

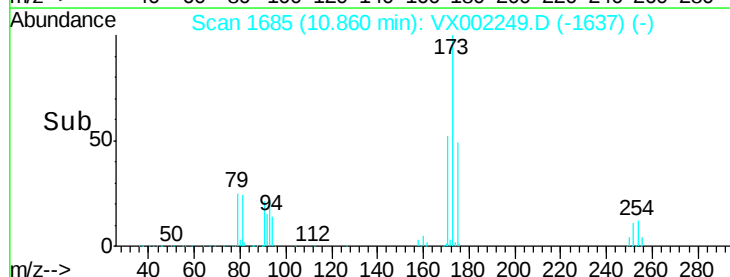
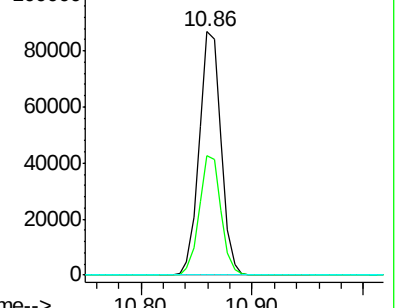
254 0.2 0.1 0.1#

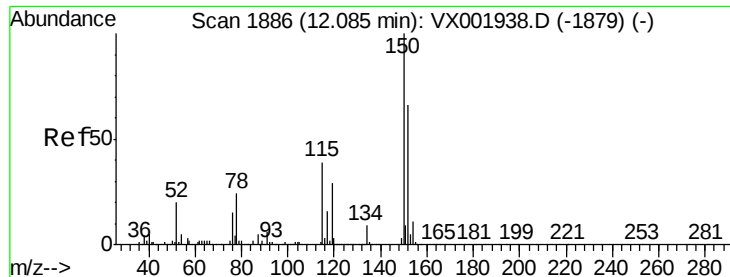


Abundance Ion 172.70 (172.40 to 173.40): V

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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

LF6-0050MS

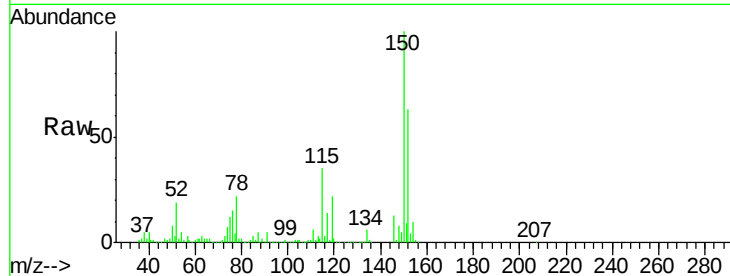
Tot Ion:152 Resp: 173992

Ion Ratio Lower Upper

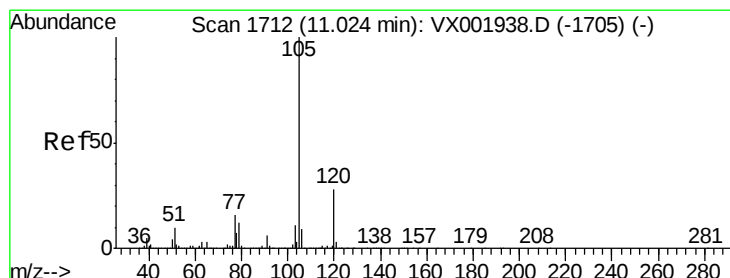
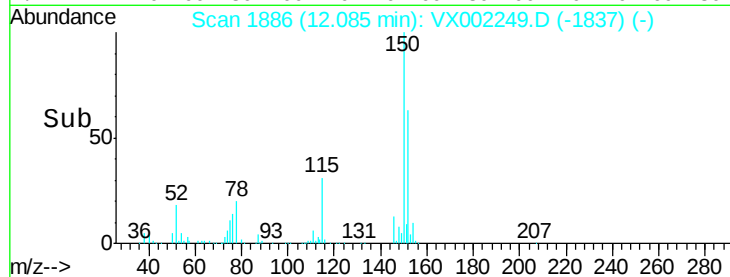
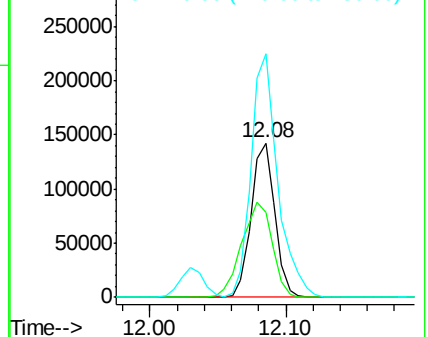
152 100

115 79.2 42.3 126.8

150 177.6 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: 41.83 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002249.D

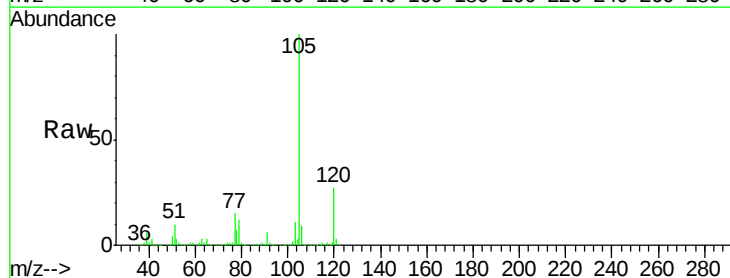
Acq: 02 Jun 2018 19:37

Tgt Ion:105 Resp: 616269

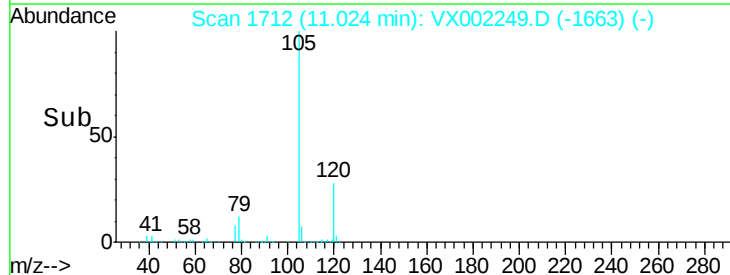
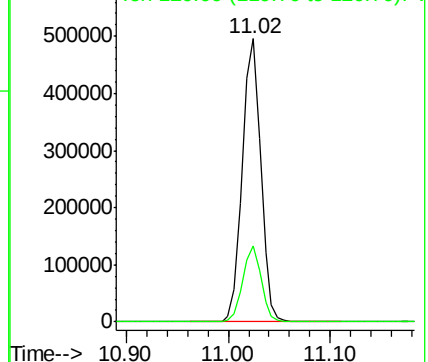
Ion Ratio Lower Upper

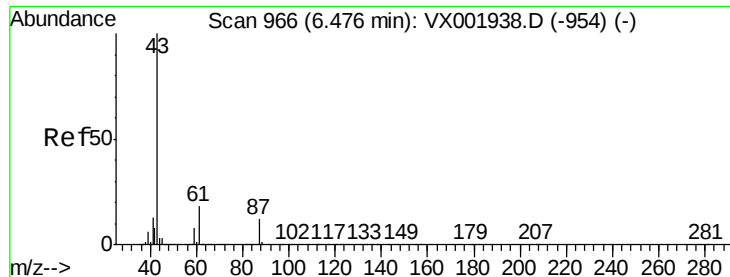
105 100

120 26.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 49.27 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

LF6-0050MS

Tot Ion: 43 Resp: 376910

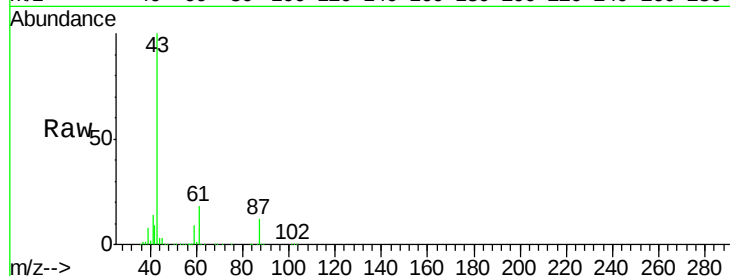
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1#

61 17.8 14.5 21.7

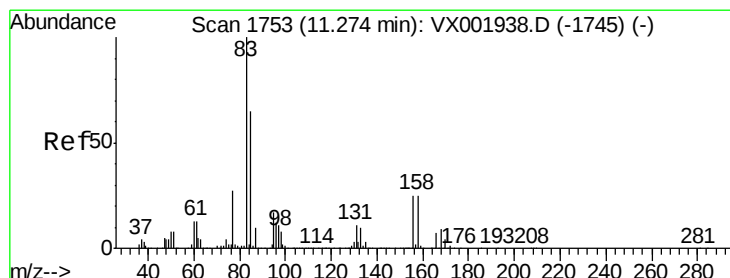
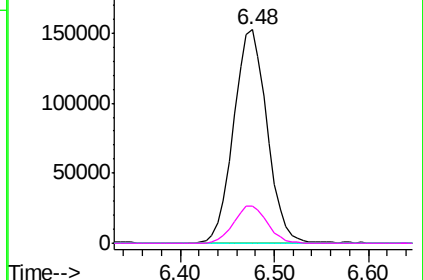
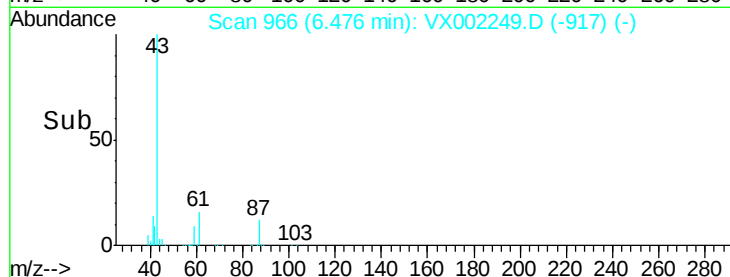


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 57.47 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

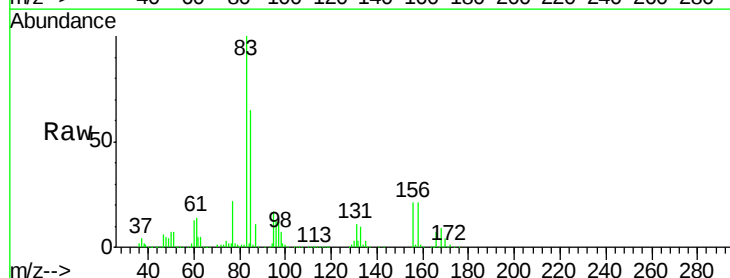
Tgt Ion: 83 Resp: 230820

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.0

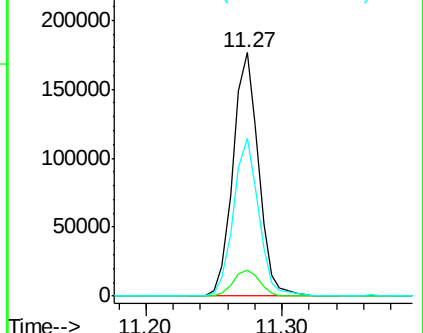
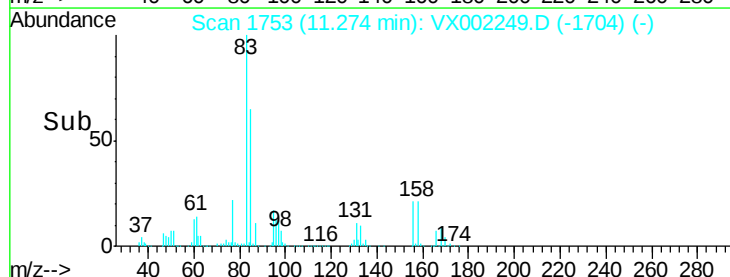
85 64.0 32.6 97.7

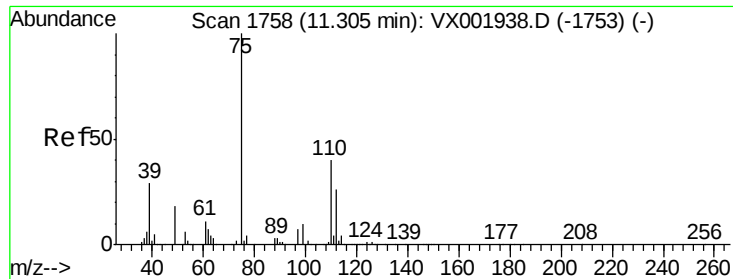


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

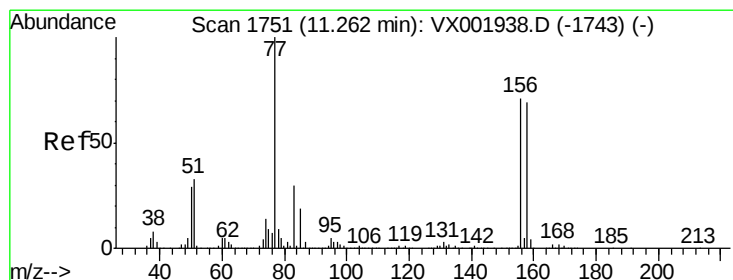
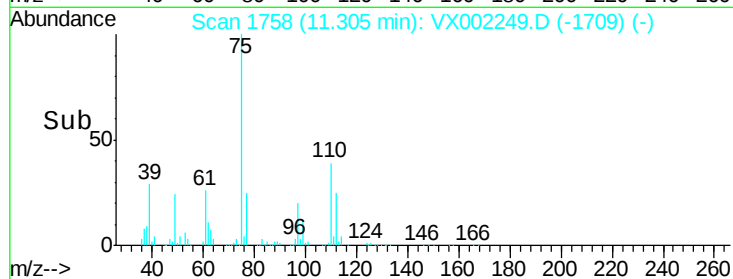
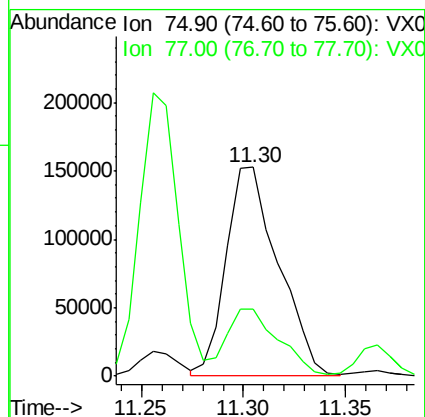
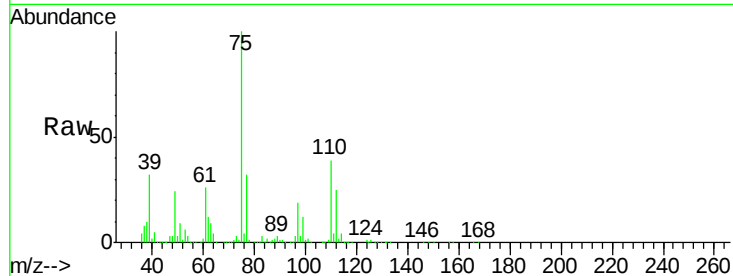




#76
 1,2,3-Trichloropropane
 Concen: 65.13 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX002249.D
 Acq: 02 Jun 2018 19:37

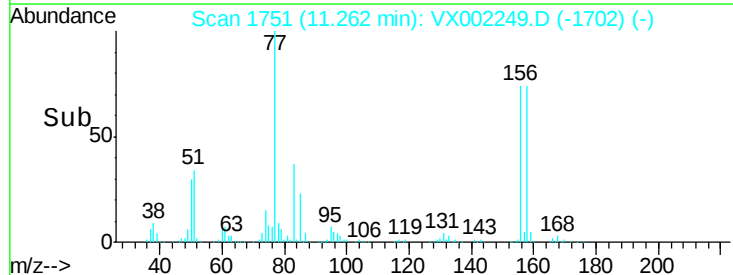
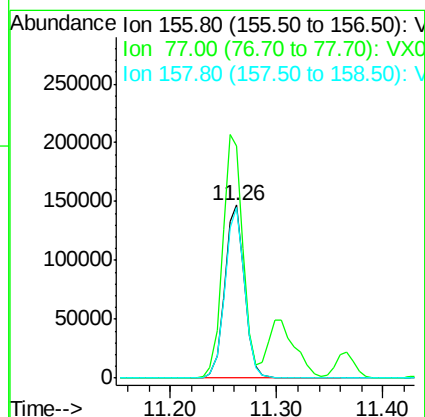
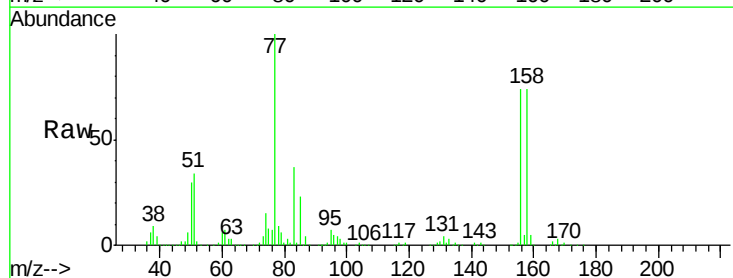
Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0050MS

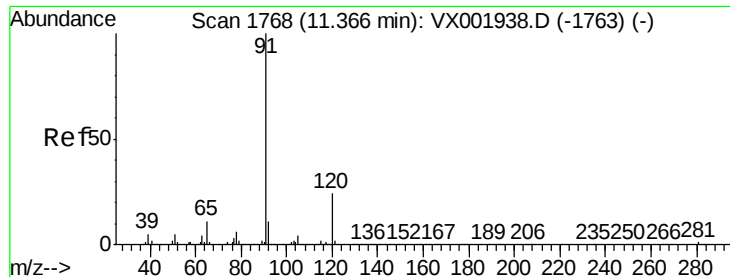
Tot Ion: 75 Resp: 272211
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.8 68.3



#77
 Bromobenzene
 Concen: 48.62 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: VX002249.D
 Acq: 02 Jun 2018 19:37

Tgt Ion: 156 Resp: 190073
 Ion Ratio Lower Upper
 156 100
 77 142.7 75.2 225.6
 158 97.8 48.6 145.8





#78

n-propylbenzene

Concen: 40.93 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampled :

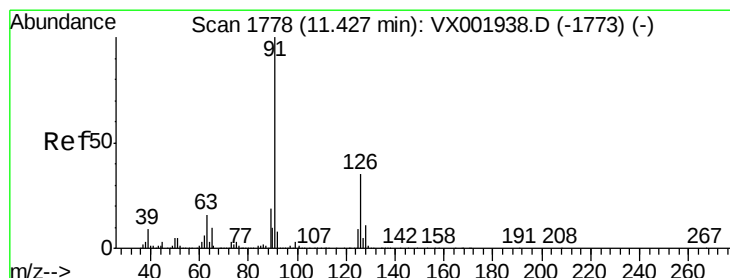
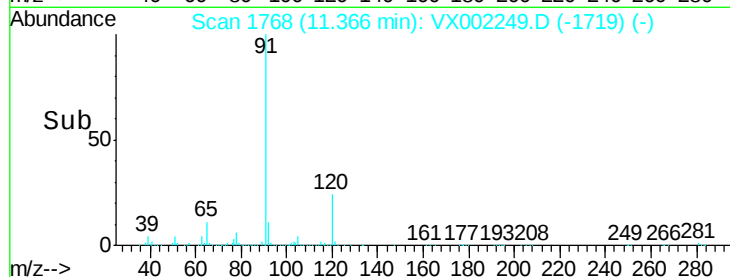
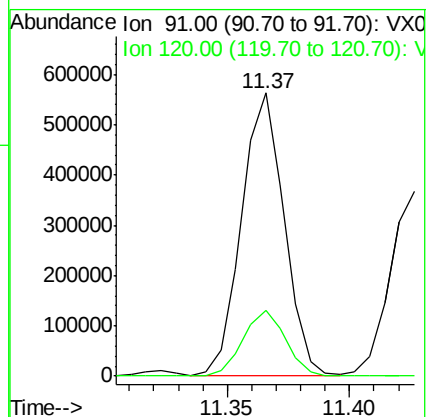
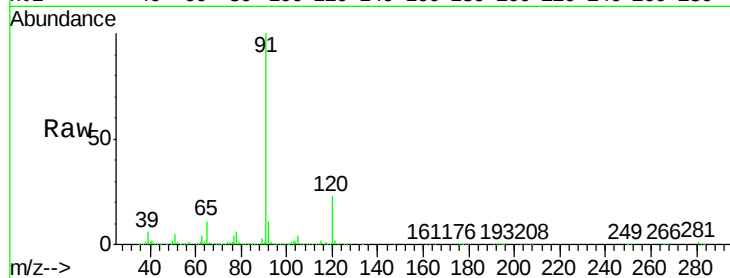
LF6-0050MS

Tot Ion: 91 Resp: 675355

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.7



#79

2-Chlorotoluene

Concen: 49.45 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002249.D

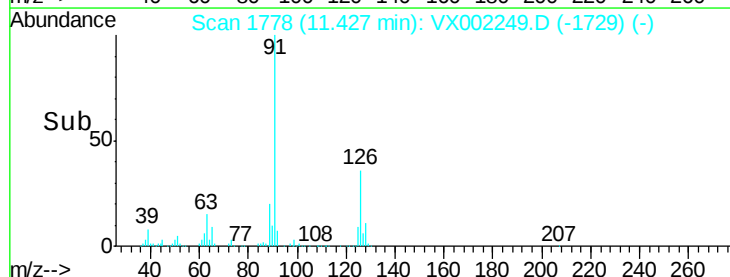
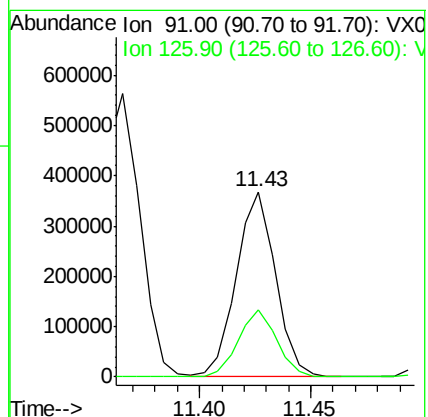
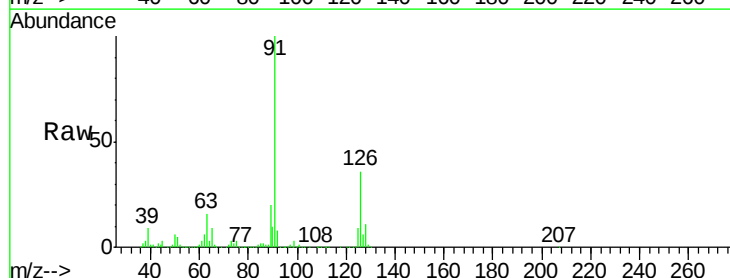
Acq: 02 Jun 2018 19:37

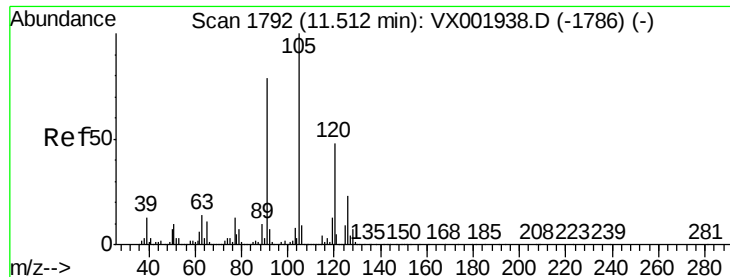
Tgt Ion: 91 Resp: 447847

Ion Ratio Lower Upper

91 100

126 35.7 17.4 52.2

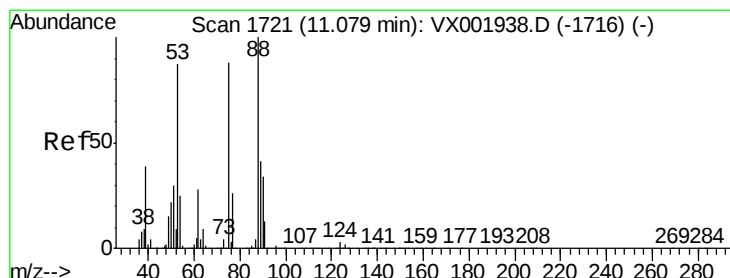
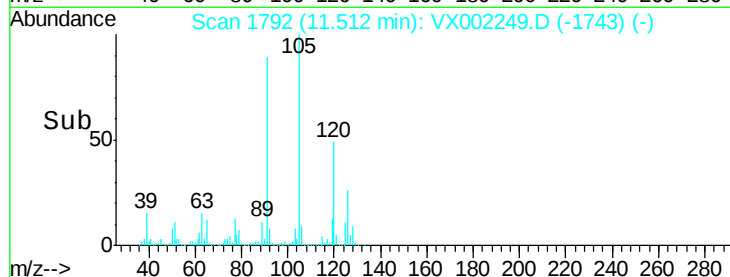
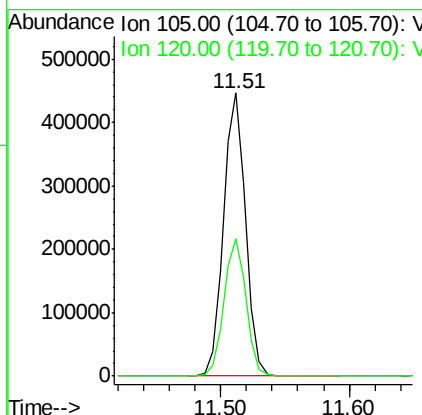
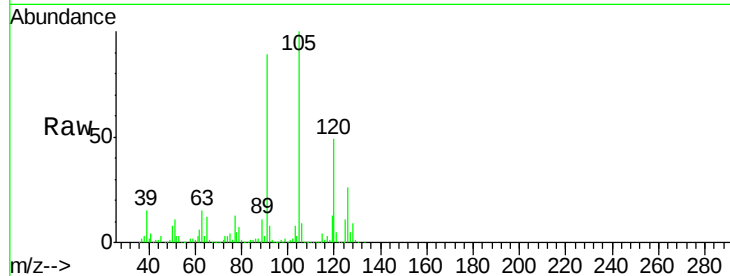




#80
 1,3,5-Trimethylbenzene
 Concen: 42.72 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002249.D
 Acq: 02 Jun 2018 19:37

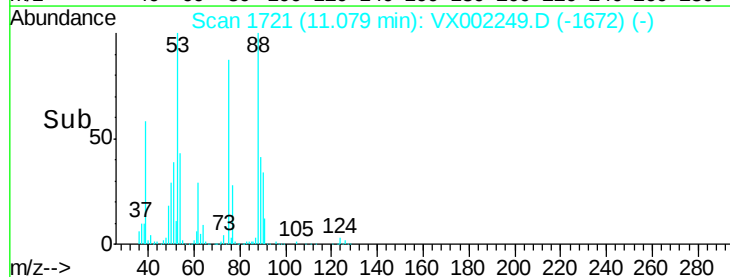
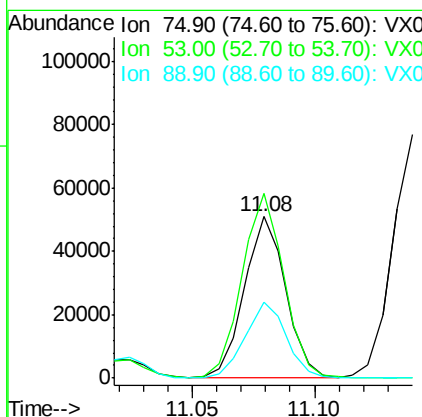
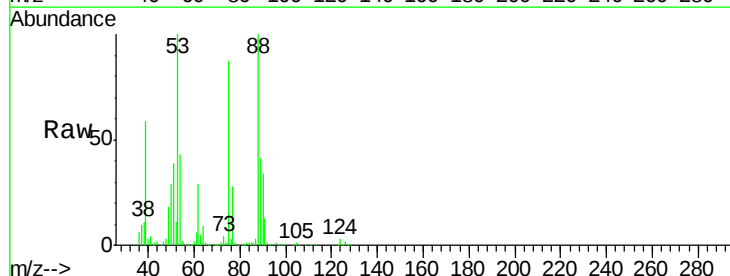
Instrument :
 MSVOA_X
 ClientSampled :
 LF6-0050MS

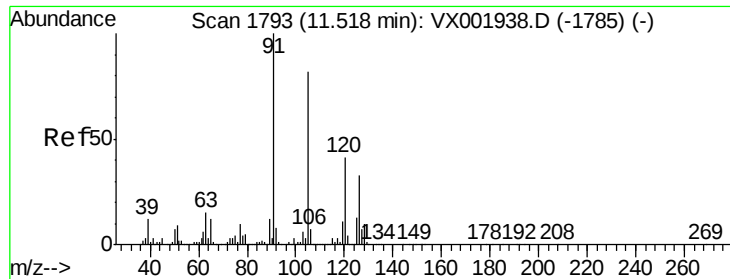
Tot Ion:105 Resp: 537879
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 34.31 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX002249.D
 Acq: 02 Jun 2018 19:37

Tgt Ion: 75 Resp: 59666
 Ion Ratio Lower Upper
 75 100
 53 115.5 78.0 117.0
 89 47.1 39.4 59.2

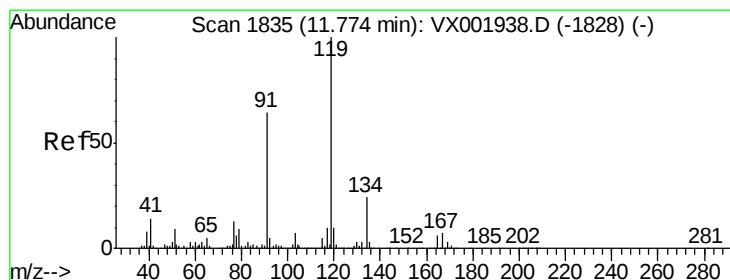
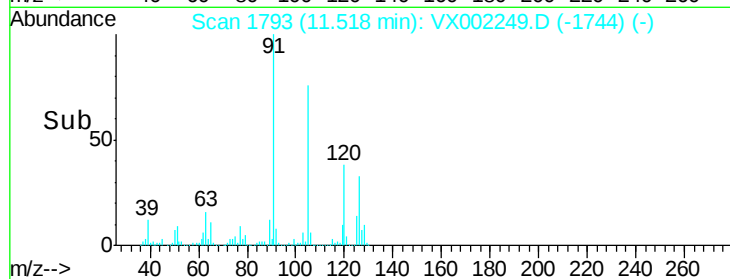
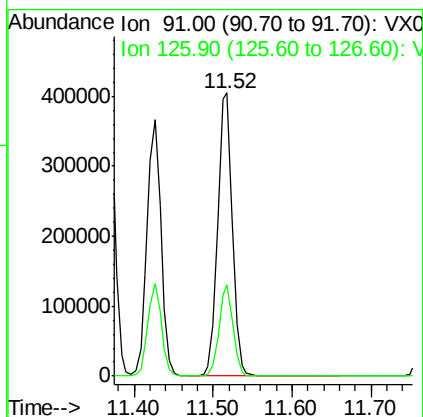
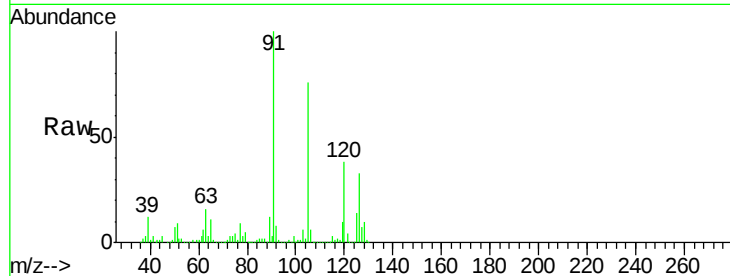




#82
4-Chlorotoluene
Concen: 45.18 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

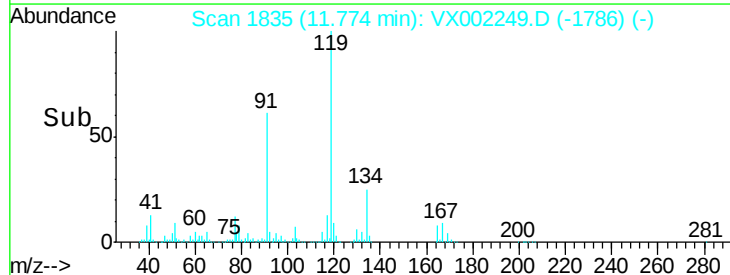
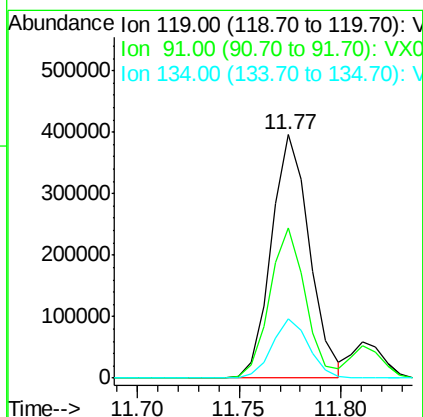
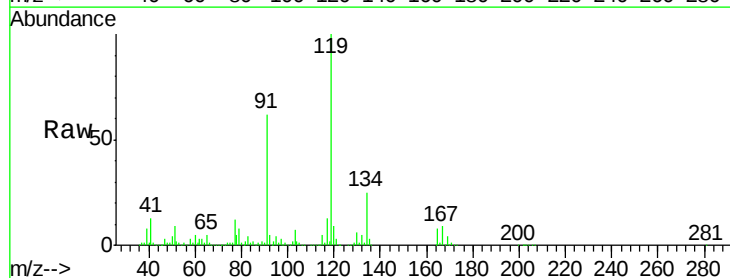
Instrument :
MSVOA_X
ClientSampled :
LF6-0050MS

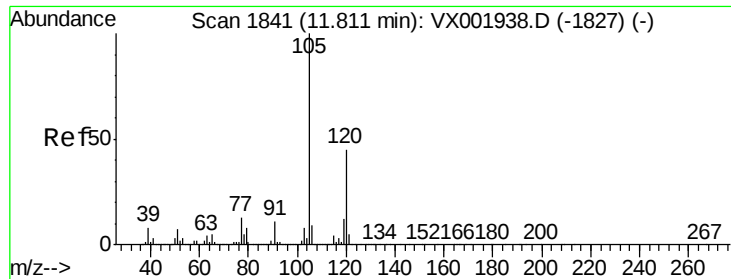
Tot Ion: 91 Resp: 525818
Ion Ratio Lower Upper
91 100
126 30.8 15.3 45.8



#83
tert-Butylbenzene
Concen: 41.69 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

Tgt Ion: 119 Resp: 515091
Ion Ratio Lower Upper
119 100
91 58.2 30.6 91.8
134 23.8 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 43.90 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampled :

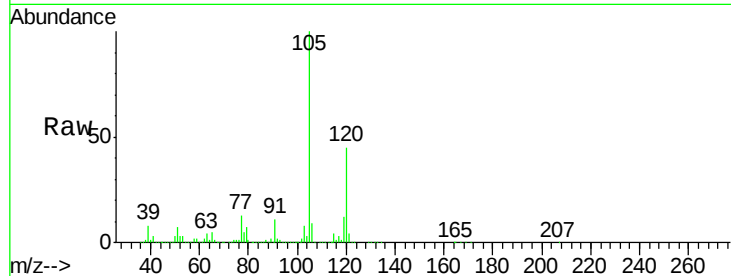
LF6-0050MS

Tot Ion:105 Resp: 571173

Ion Ratio Lower Upper

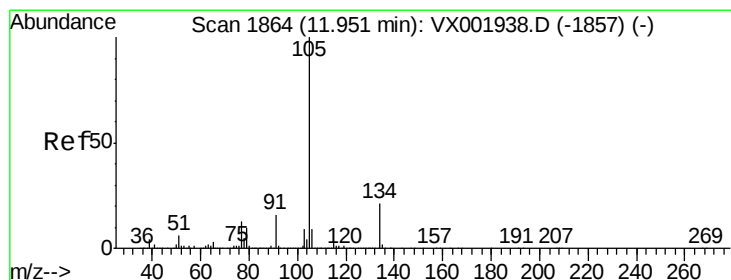
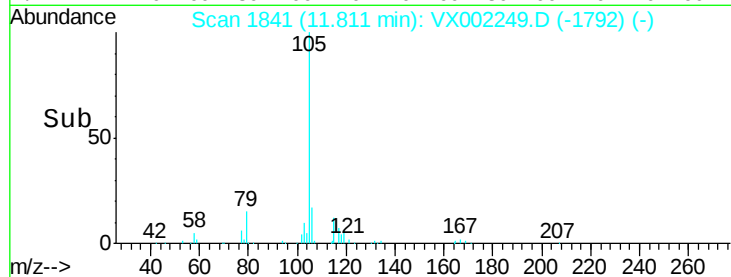
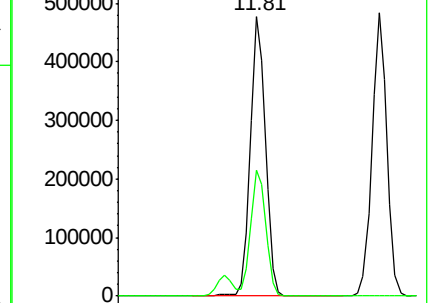
105 100

120 44.8 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 38.89 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002249.D

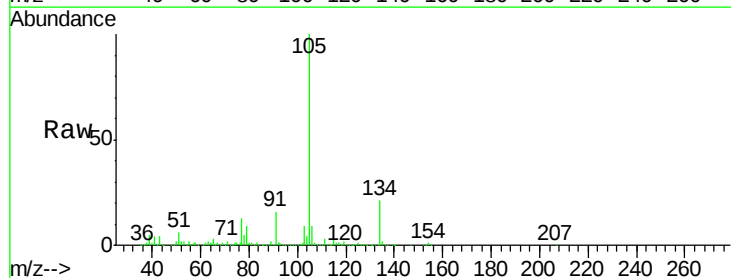
Acq: 02 Jun 2018 19:37

Tgt Ion:105 Resp: 577664

Ion Ratio Lower Upper

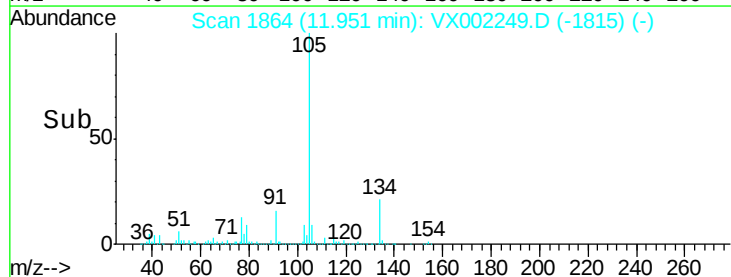
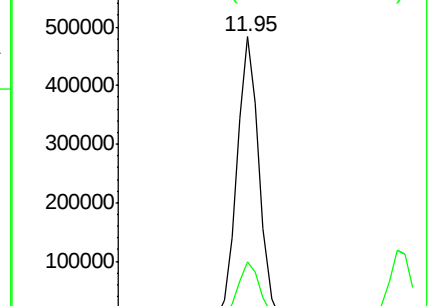
105 100

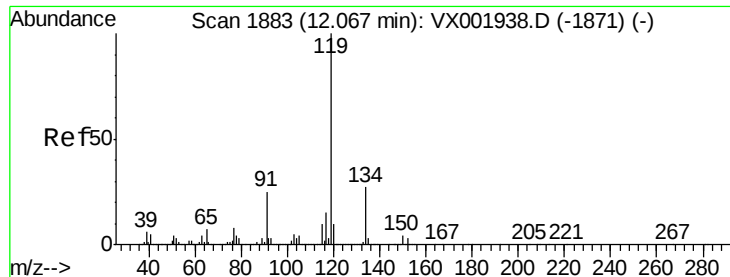
134 20.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 40.55 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampled :

LF6-0050MS

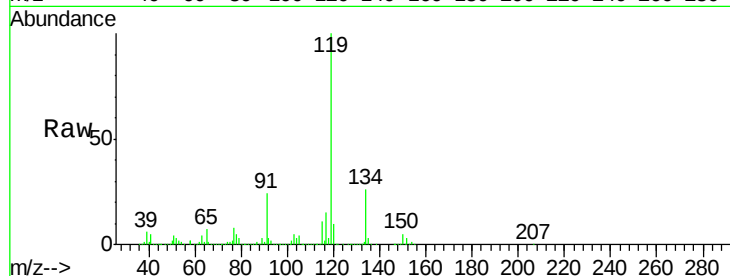
Tot Ion:119 Resp: 538993

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

91 23.9 12.2 36.4

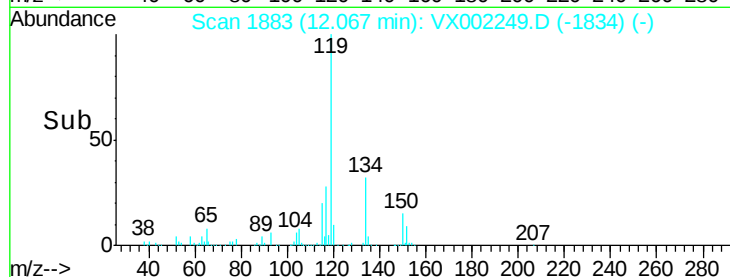


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

Time-->



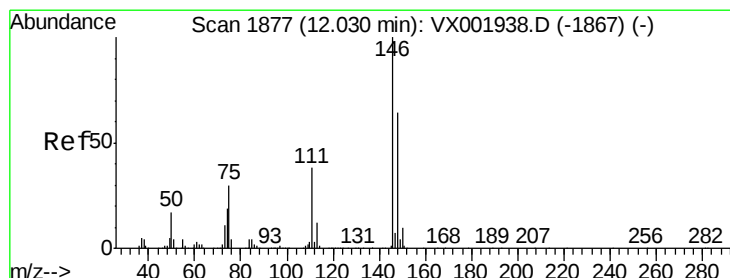
Abundance

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

Time-->



#87

1,3-Dichlorobenzene

Concen: 47.19 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

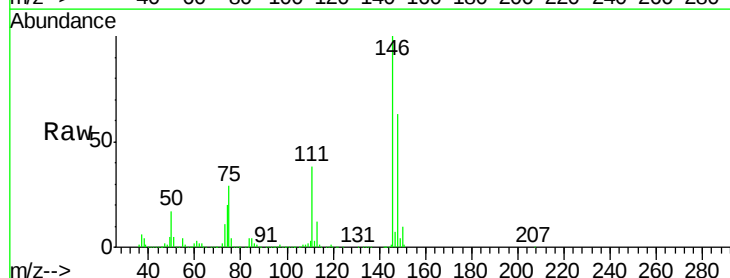
Tgt Ion:146 Resp: 330383

Ion Ratio Lower Upper

146 100

111 37.5 19.3 57.8

148 63.9 32.1 96.3

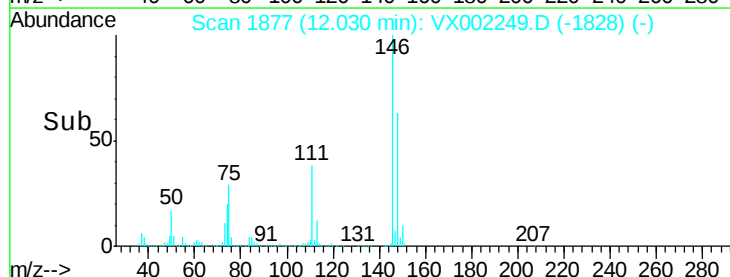


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

Time-->



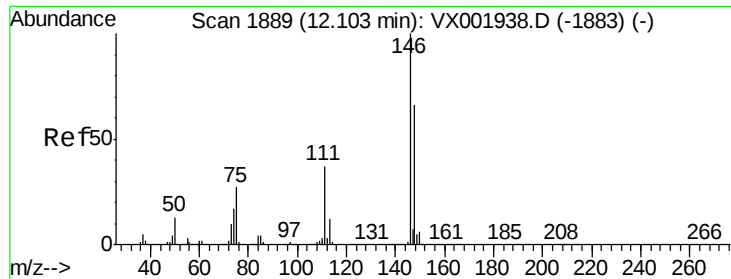
Abundance

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

Time-->



#88

1,4-Dichlorobenzene

Concen: 50.32 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampled :

LF6-0050MS

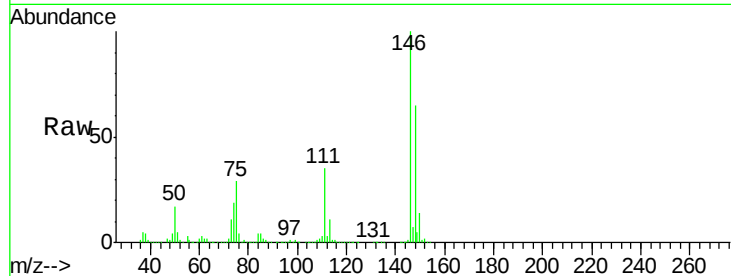
Tot Ion:146 Resp: 352161

Ion Ratio Lower Upper

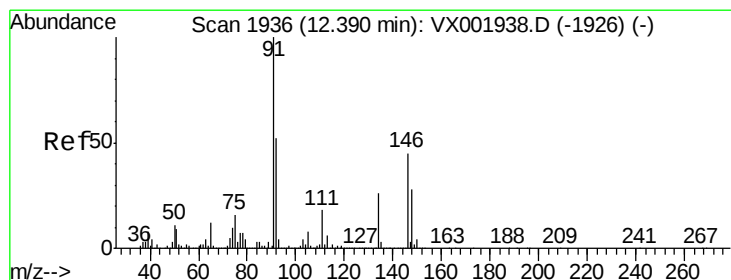
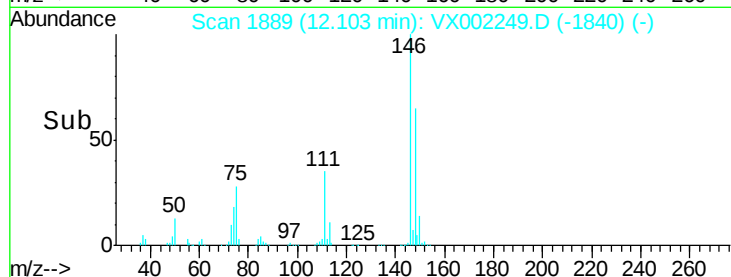
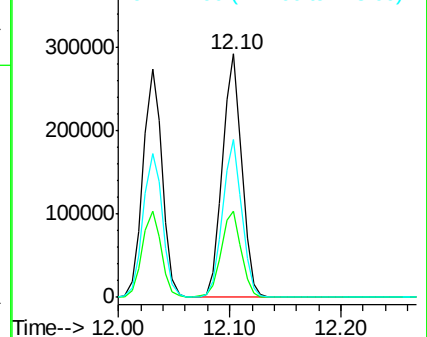
146 100

111 36.6 18.9 56.5

148 64.5 32.3 96.8



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



#89

n-Butylbenzene

Concen: 38.24 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

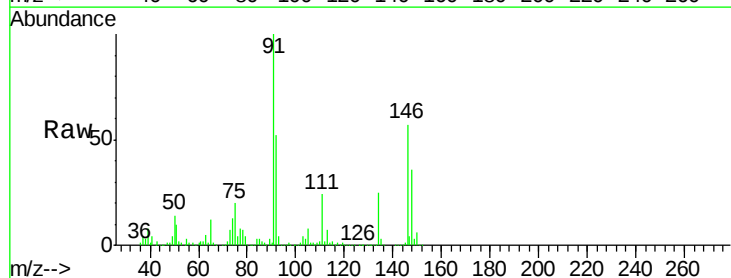
Tgt Ion: 91 Resp: 430626

Ion Ratio Lower Upper

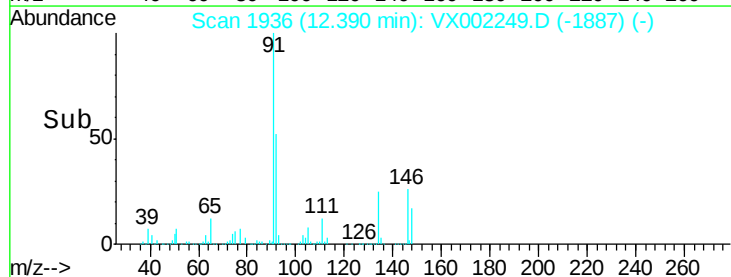
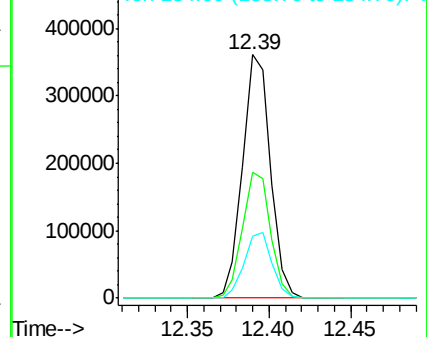
91 100

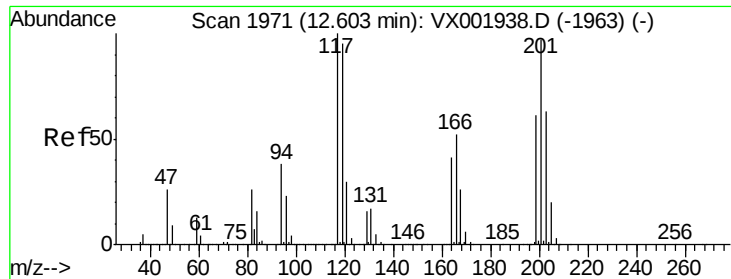
92 51.9 26.3 78.9

134 26.9 13.6 40.7



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

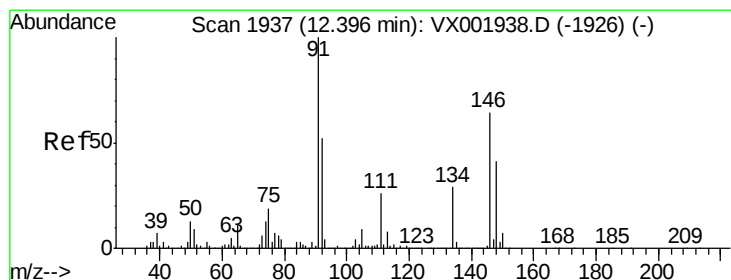
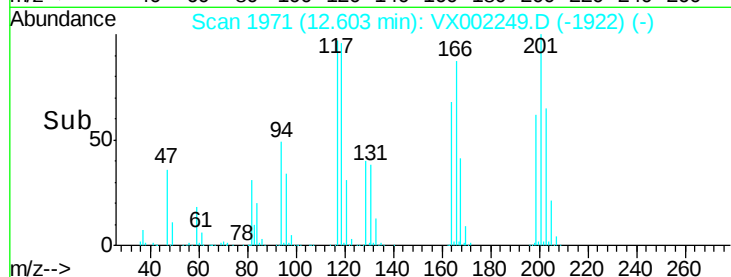
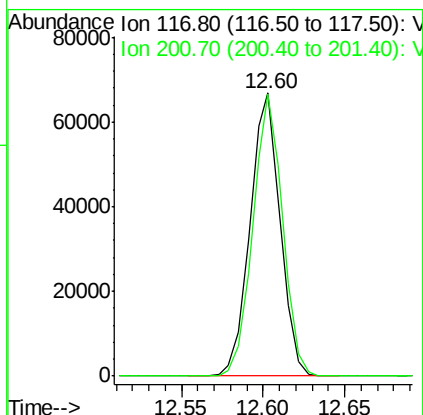
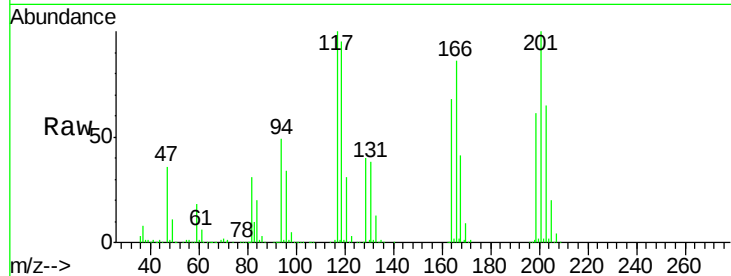




#90
Hexachloroethane
Concen: 32.64 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

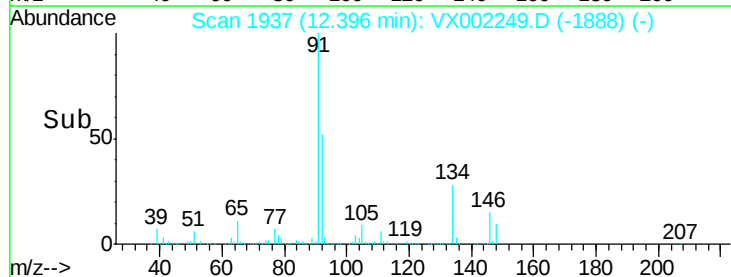
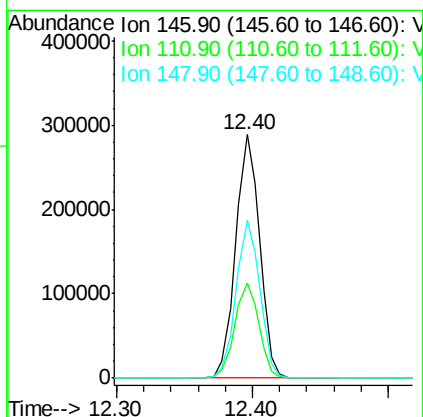
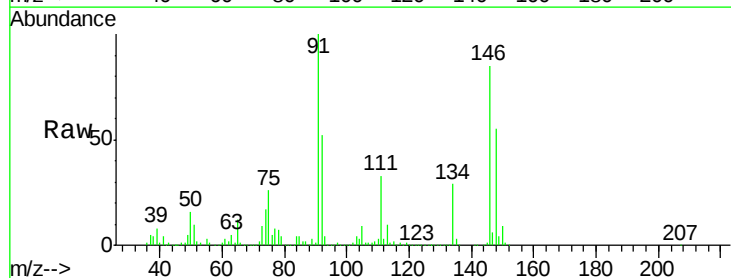
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050MS

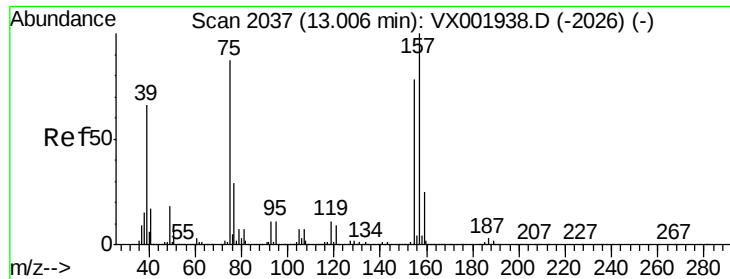
Tot Ion:117 Resp: 85562
Ion Ratio Lower Upper
117 100
201 97.8 48.0 144.0



#91
1,2-Dichlorobenzene
Concen: 49.65 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002249.D
Acq: 02 Jun 2018 19:37

Tgt Ion:146 Resp: 354163
Ion Ratio Lower Upper
146 100
111 39.4 19.8 59.3
148 64.5 32.1 96.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 39.80 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

LF6-0050MS

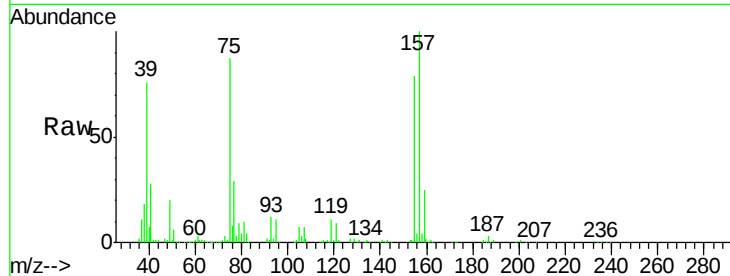
Tot Ion: 75 Resp: 52140

Ion Ratio Lower Upper

75 100

155 91.1 45.1 135.2

157 116.0 58.1 174.2

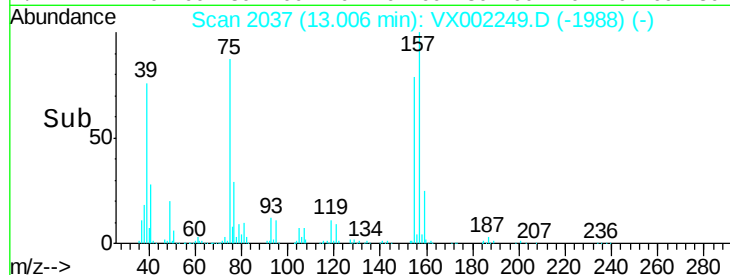


Abundance Ion 74.90 (74.60 to 75.60): VX001938.D (-2026) (-)

Ion 154.80 (154.50 to 155.50): VX001938.D (-2026) (-)

Ion 156.80 (156.50 to 157.50): VX001938.D (-2026) (-)

Time-->

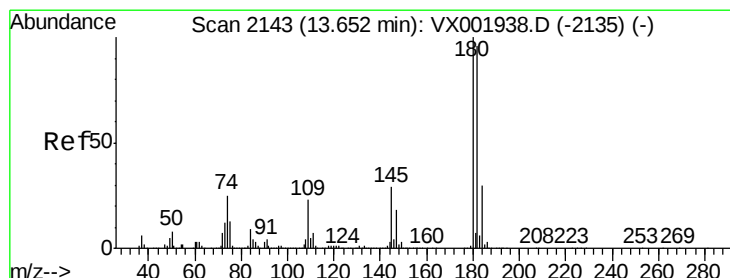


Abundance Ion 74.90 (74.60 to 75.60): VX002249.D (-1988) (-)

Ion 154.80 (154.50 to 155.50): VX002249.D (-1988) (-)

Ion 156.80 (156.50 to 157.50): VX002249.D (-1988) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 46.07 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

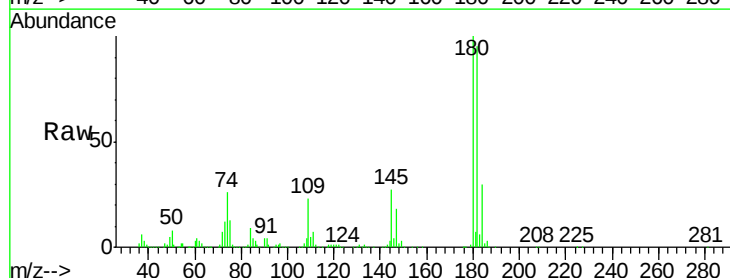
Tgt Ion: 180 Resp: 234988

Ion Ratio Lower Upper

180 100

182 95.2 47.7 143.1

145 27.9 14.4 43.0

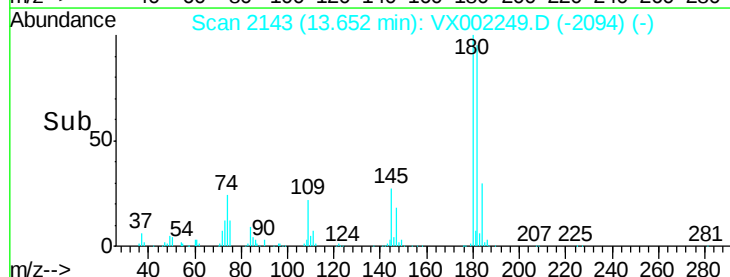


Abundance Ion 179.80 (179.50 to 180.50): VX001938.D (-2135) (-)

Ion 181.80 (181.50 to 182.50): VX001938.D (-2135) (-)

Ion 144.80 (144.50 to 145.50): VX001938.D (-2135) (-)

Time-->

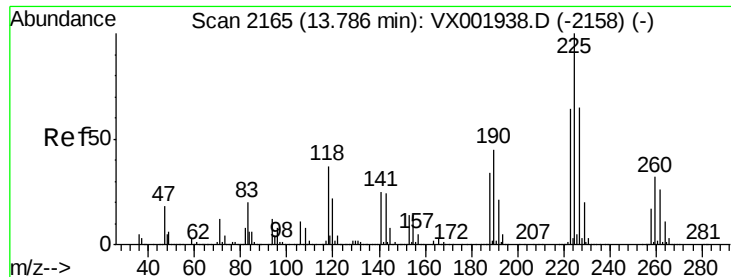


Abundance Ion 179.80 (179.50 to 180.50): VX002249.D (-2094) (-)

Ion 181.80 (181.50 to 182.50): VX002249.D (-2094) (-)

Ion 144.80 (144.50 to 145.50): VX002249.D (-2094) (-)

Time-->



#94

Hexachlorobutadiene

Concen: 35.59 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Instrument :

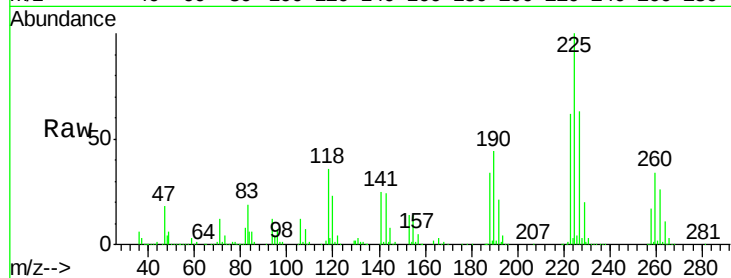
MSVOA_X

ClientSampleId :

LF6-0050MS

Tot Ion:225 Resp: 97657

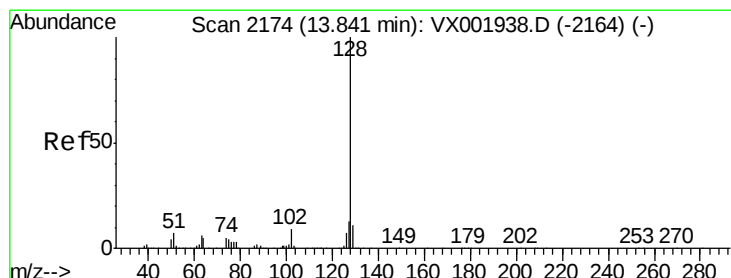
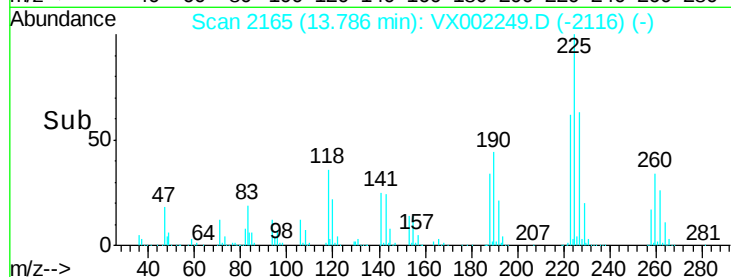
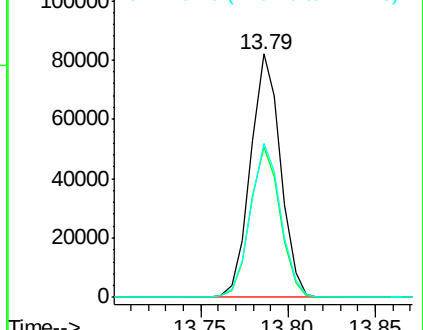
Ion	Ratio	Lower	Upper
225	100		
223	61.5	31.1	93.5
227	63.4	32.1	96.5



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: 49.76 ug/l

RT: 13.84 min Scan# 2174

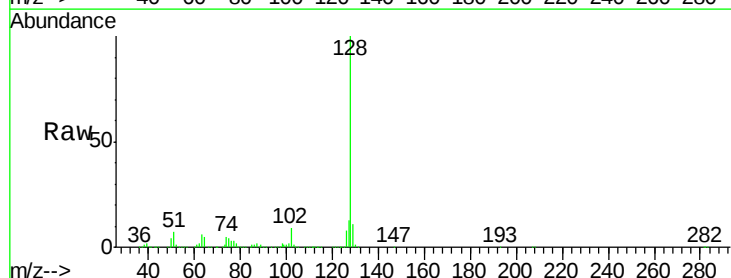
Delta R.T. -0.00 min

Lab File: VX002249.D

Acq: 02 Jun 2018 19:37

Tgt Ion:128 Resp: 781927

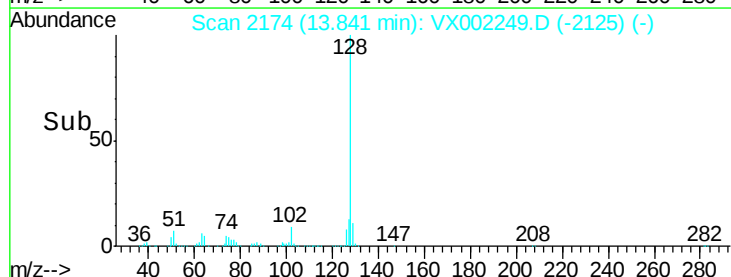
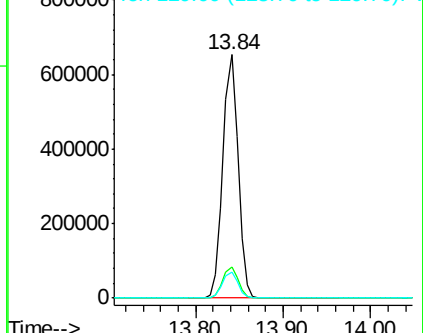
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.8	13.2

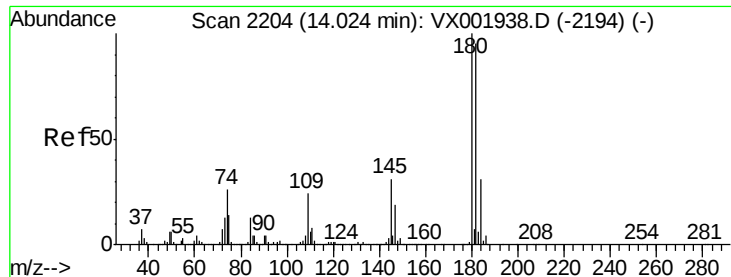


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 48.65 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX002249.D
 Acq: 02 Jun 2018 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0050MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.6
145	29.6	15.1	45.3

