

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060218\
 Data File : VX002250.D
 Acq On : 02 Jun 2018 20:04
 Operator : JC/MD
 Sample : J3234-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0050MSD

Quant Time: Jun 04 05:16:15 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	137677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	215369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	210462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139100	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	156085	63.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.84%	
35) Dibromofluoromethane	5.51	113	117096	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
50) Toluene-d8	8.72	98	426570	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
62) 4-Bromofluorobenzene	11.14	95	162379	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61788	35.26	ug/l	98
3) Chloromethane	1.32	50	97478	46.02	ug/l	98
4) Vinyl Chloride	1.41	62	98006	47.92	ug/l	99
5) Bromomethane	1.64	94	61395	65.51	ug/l	98
6) Chloroethane	1.71	64	70953	58.85	ug/l	100
7) Trichlorofluoromethane	1.92	101	158296	51.54	ug/l	99
8) Diethyl Ether	2.19	74	228192	204.75	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	87326	50.95	ug/l	98
10) Methyl Iodide	2.51	142	130211	56.15	ug/l	98
11) Tert butyl alcohol	3.09	59	172399	356.88	ug/l	98
12) 1,1-Dichloroethene	2.37	96	86466	53.88	ug/l	97
13) Acrolein	2.30	56	56309	269.60	ug/l	99
14) Allyl chloride	2.73	41	202857	60.22	ug/l	98
15) Acrylonitrile	3.15	53	386439	389.01	ug/l	100
16) Acetone	2.45	43	357767	376.69	ug/l	99
17) Carbon Disulfide	2.56	76	178761	38.71	ug/l	100
18) Methyl Acetate	2.78	43	188520	83.15	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	421967	69.91	ug/l	99
20) Methylene Chloride	2.85	84	119029	73.15	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	97583	62.87	ug/l	98
22) Diisopropyl ether	3.88	45	389550	56.85	ug/l	97
23) Vinyl Acetate	3.83	43	1690833	297.64	ug/l	98
24) 1,1-Dichloroethane	3.70	63	215087	66.08	ug/l	99
25) 2-Butanone	4.71	43	511088	293.60	ug/l	100
26) 2,2-Dichloropropane	4.59	77	124039	37.65	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	110394	52.76	ug/l	94
28) Bromochloromethane	5.03	49	99833	73.98	ug/l	99
29) Tetrahydrofuran	5.17	42	358242	316.31	ug/l	98
30) Chloroform	5.22	83	202293	55.17	ug/l	97
31) Cyclohexane	5.57	56	136018	40.11	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	159489	46.65	ug/l	99
36) 1,1-Dichloropropene	5.80	75	121947	40.71	ug/l	98
37) Ethyl Acetate	4.87	43	192255	49.23	ug/l	99
38) Carbon Tetrachloride	5.78	117	130735	37.42	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135498	36.82	ug/l	98
40) Benzene	6.15	78	438965	50.02	ug/l	100
41) Methacrylonitrile	5.07	41	114223	55.57	ug/l	98
42) 1,2-Dichloroethane	6.20	62	182058	51.93	ug/l	99
43) Isopropyl Acetate	6.48	43	320437	49.24	ug/l	100
44) Trichloroethene	7.22	130	113362	44.33	ug/l	97
45) 1,2-Dichloropropane	7.52	63	123021	51.61	ug/l	99
46) Dibromomethane	7.66	93	83421	52.86	ug/l	99
47) Bromodichloromethane	7.90	83	146711	43.60	ug/l	98
48) Methyl methacrylate	7.79	41	168365	50.83	ug/l	98
49) 1,4-Dioxane	7.76	88	60653	1039.22	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1104017	281.44	ug/l	100
52) Toluene	8.79	92	269651	48.28	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	171714	44.31	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	162395	43.01	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	124859	53.51	ug/l	98
56) Ethyl methacrylate	9.19	69	197860	49.30	ug/l	98
57) 1,3-Dichloropropane	9.38	76	206768	53.79	ug/l	99
59) 2-Hexanone	9.51	43	845021	279.37	ug/l	99
60) Dibromochloromethane	9.59	129	122653	44.38	ug/l	100
61) 1,2-Dibromoethane	9.68	107	131618	53.76	ug/l	100
64) Tetrachloroethene	9.34	164	118729	39.35	ug/l	98
65) Chlorobenzene	10.14	112	354236	53.12	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	122108	45.35	ug/l	99
67) Ethyl Benzene	10.26	91	538176	46.45	ug/l	100
68) m/p-Xylenes	10.37	106	414771	93.66	ug/l	98
69) o-Xylene	10.70	106	214886	48.60	ug/l	97
70) Styrene	10.72	104	348905	47.58	ug/l	99
71) Bromoform	10.87	173	96945	37.97	ug/l #	99
73) Isopropylbenzene	11.02	105	537231	45.61	ug/l	99
74) N-amyl acetate	6.48	43	320437	52.60	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	197977	61.75	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	229778	68.77	ug/l	80
77) Bromobenzene	11.26	156	155036	49.61	ug/l	96
78) n-propylbenzene	11.37	91	578694	43.87	ug/l	100
79) 2-Chlorotoluene	11.43	91	371904	51.46	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	454648	45.17	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	48782	35.09	ug/l #	85
82) 4-Chlorotoluene	11.52	91	427470	45.94	ug/l	99
83) tert-Butylbenzene	11.77	119	449874	45.54	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	473591	45.53	ug/l	99
85) sec-Butylbenzene	11.95	105	517753	43.60	ug/l	100
86) p-Isopropyltoluene	12.07	119	466180	43.87	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	263442	47.07	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	281191	50.25	ug/l	99
89) n-Butylbenzene	12.39	91	369397	41.03	ug/l	99
90) Hexachloroethane	12.60	117	72091	34.40	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	289379	50.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	44537	42.53	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	181958	44.62	ug/l	100

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QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

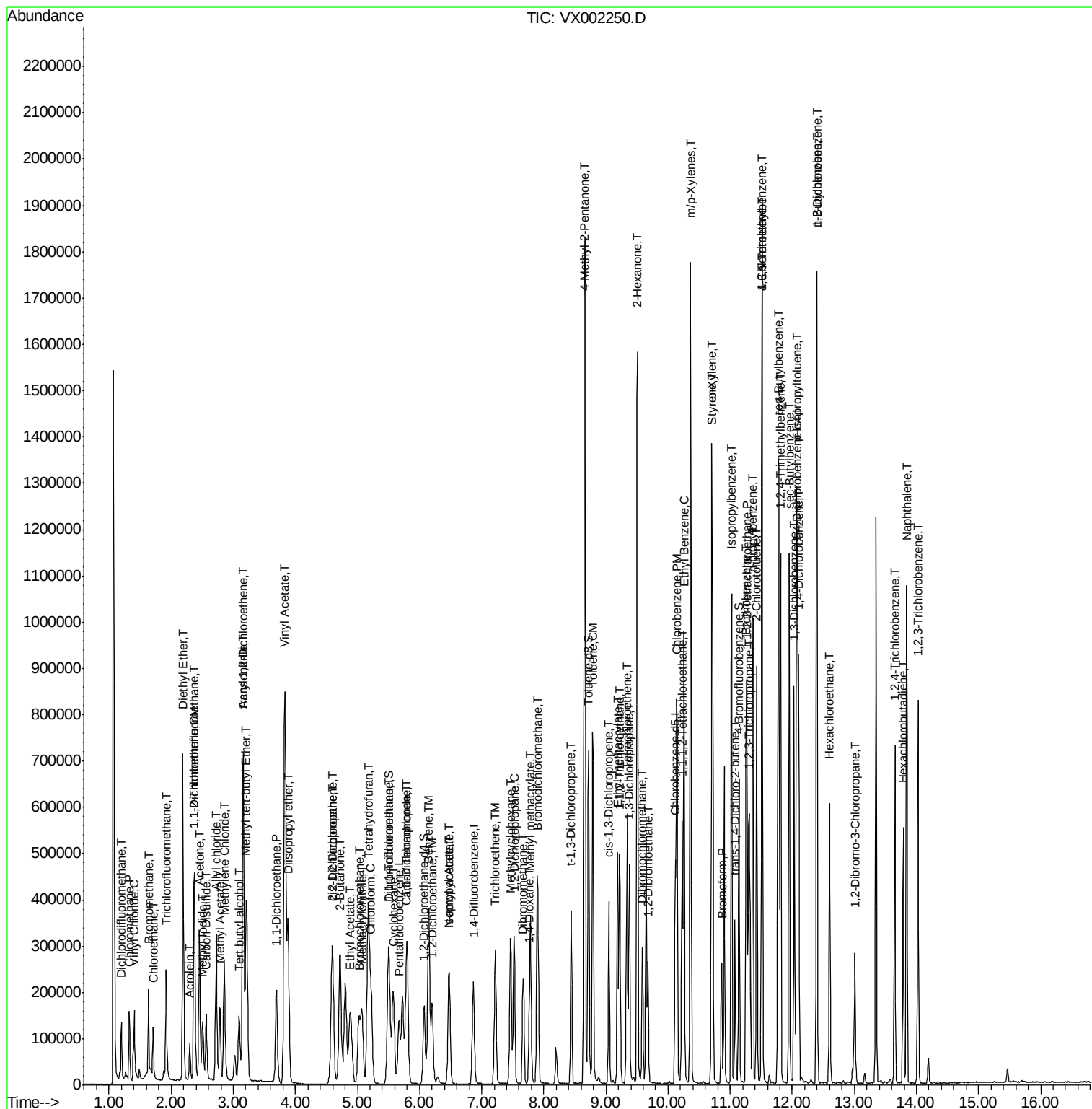
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	83089	37.88	ug/l	99
95) Naphthalene	13.84	128	652164	51.91	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	199967	47.39	ug/l	99

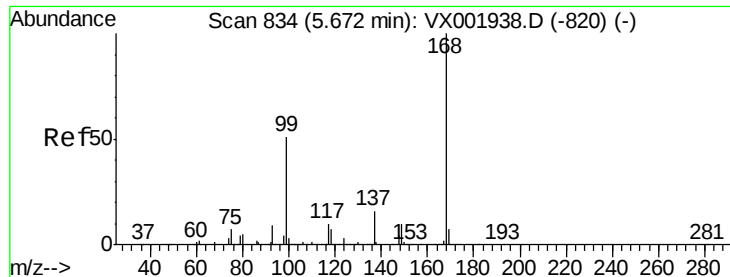
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampled :

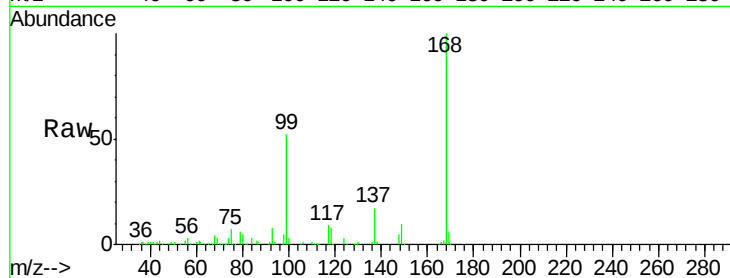
LF6-0050MSD

Tot Ion:168 Resp: 137677

Ion Ratio Lower Upper

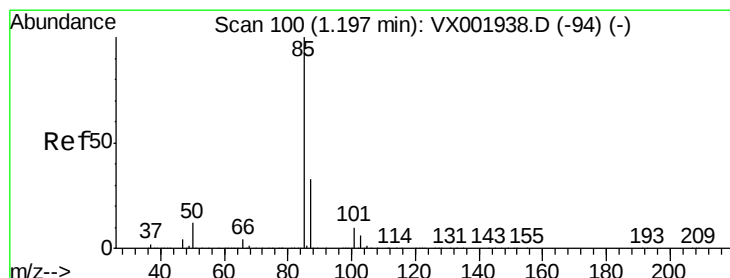
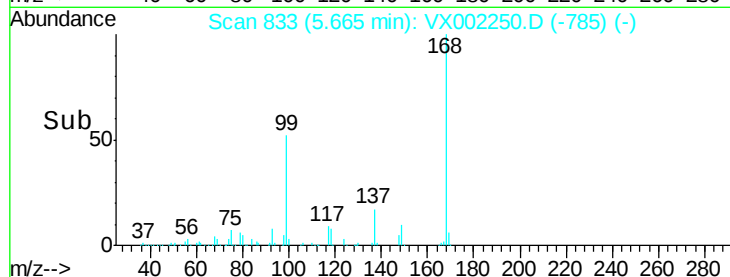
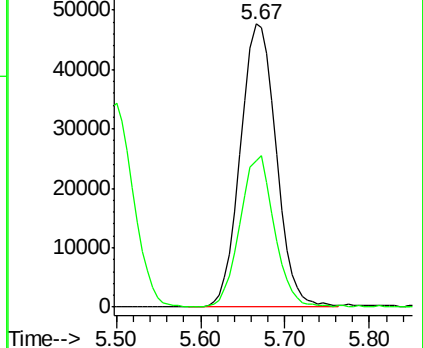
168 100

99 51.4 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 35.26 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002250.D

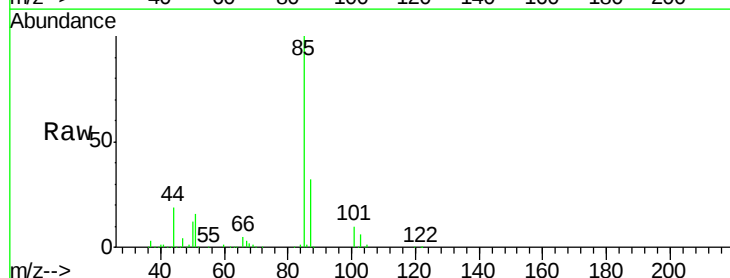
Acq: 02 Jun 2018 20:04

Tgt Ion: 85 Resp: 61788

Ion Ratio Lower Upper

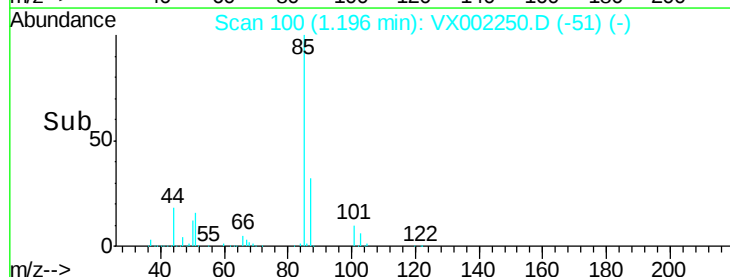
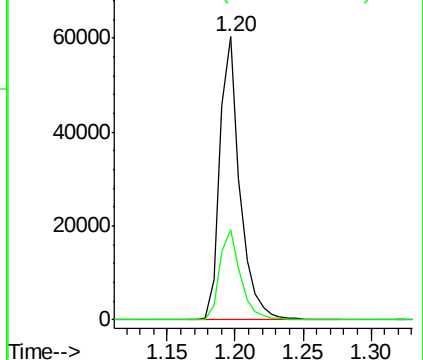
85 100

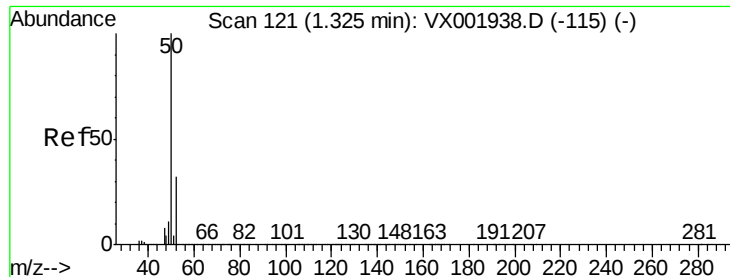
87 31.9 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.02 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

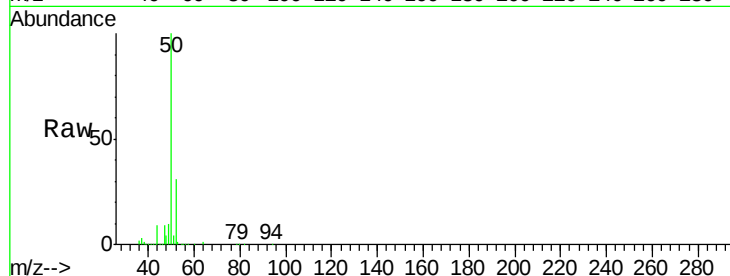
LF6-0050MSD

Tot Ion: 50 Resp: 97478

Ion Ratio Lower Upper

50 100

52 31.5 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

100000

80000

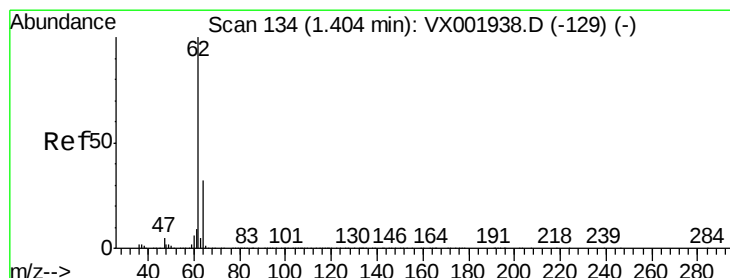
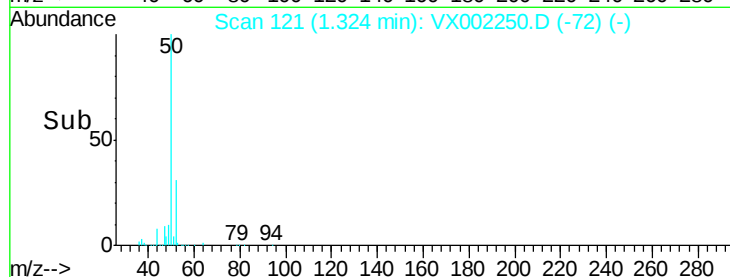
60000

40000

20000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 47.92 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002250.D

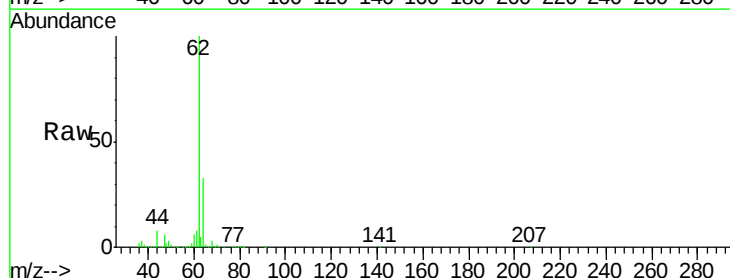
Acq: 02 Jun 2018 20:04

Tgt Ion: 62 Resp: 98006

Ion Ratio Lower Upper

62 100

64 32.4 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

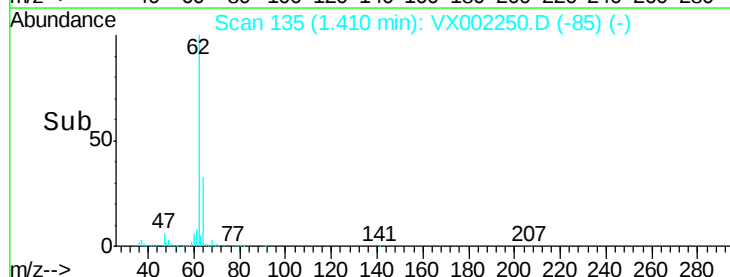
60000

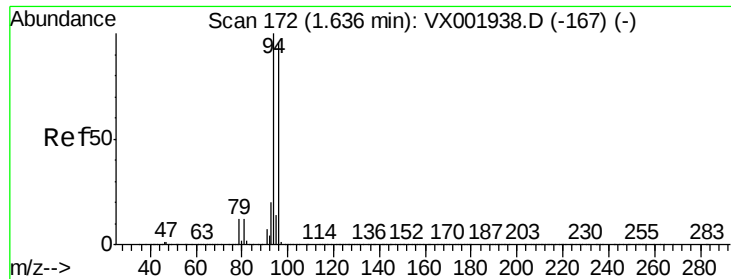
40000

20000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 65.51 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

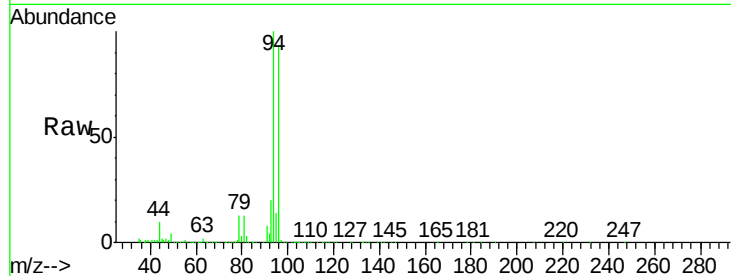
LF6-0050MSD

Tot Ion: 94 Resp: 61395

Ion Ratio Lower Upper

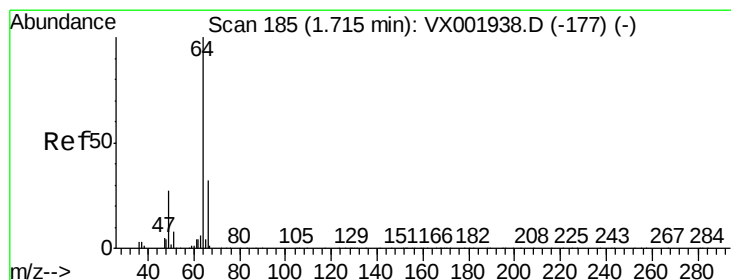
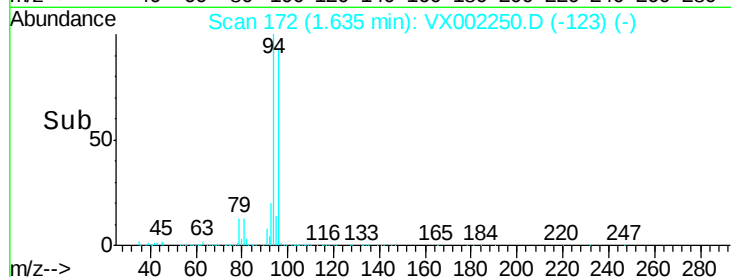
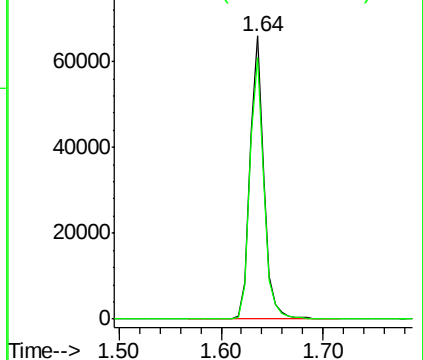
94 100

96 92.5 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 58.85 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX002250.D

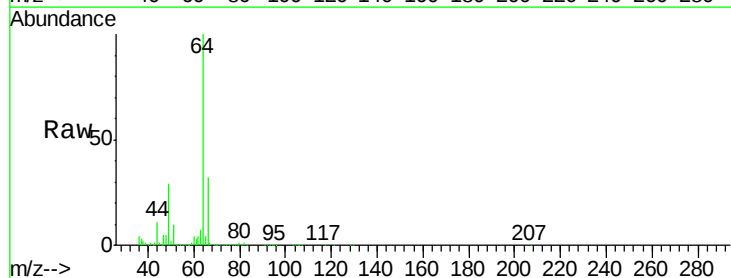
Acq: 02 Jun 2018 20:04

Tgt Ion: 64 Resp: 70953

Ion Ratio Lower Upper

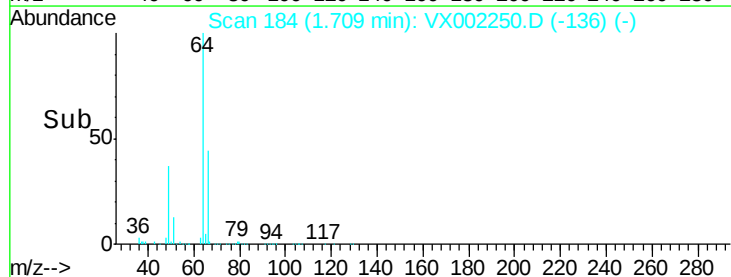
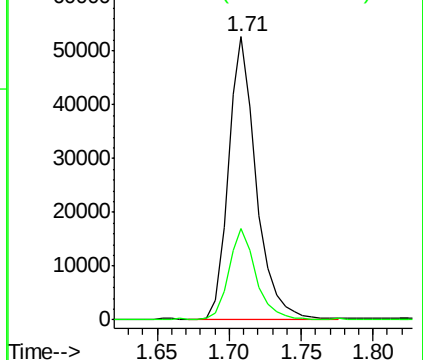
64 100

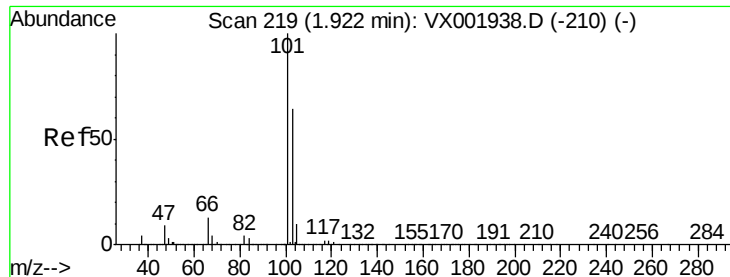
66 32.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



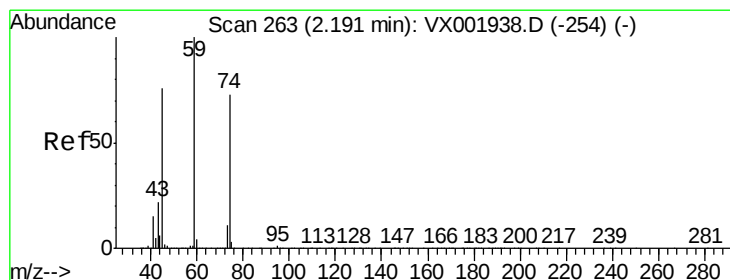
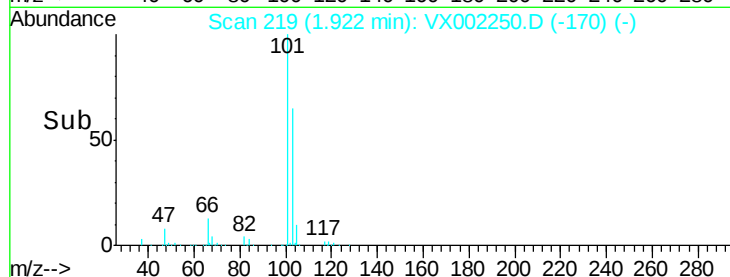
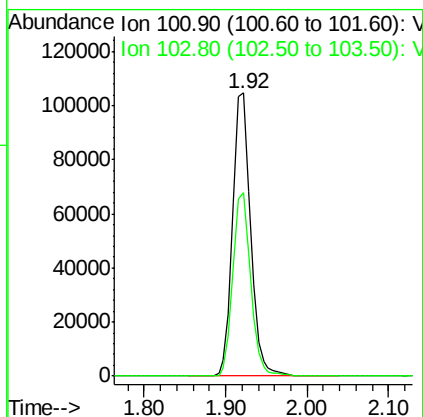
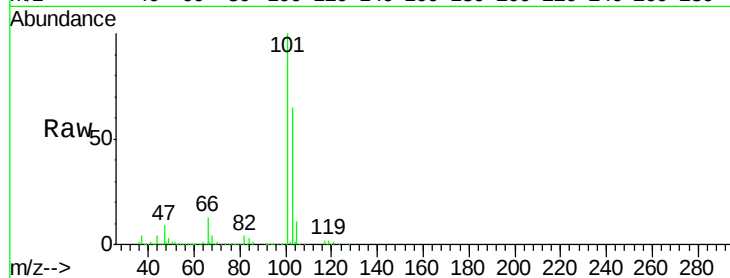


#7

Trichlorofluoromethane
Concen: 51.54 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

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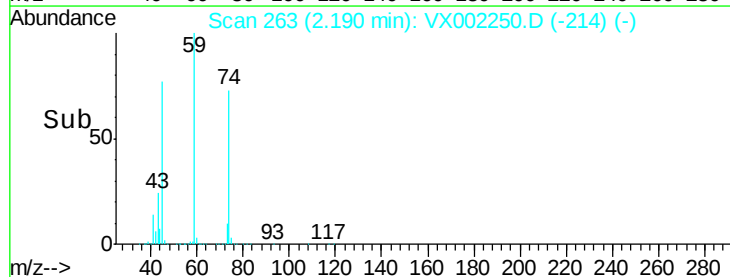
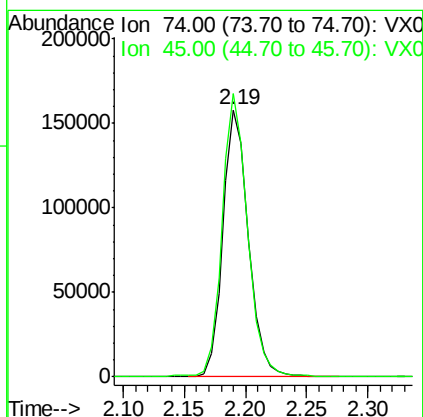
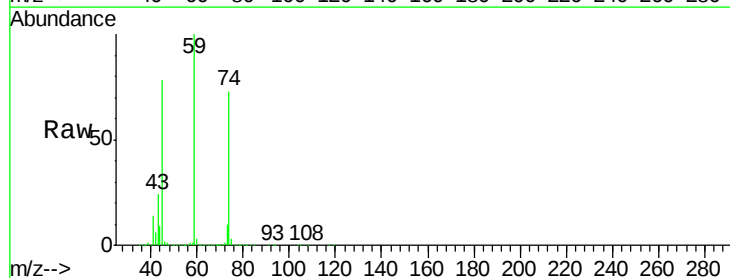
Tot Ion:101 Resp: 158296
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0

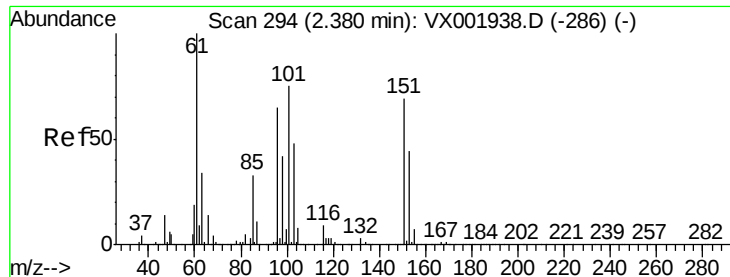


#8

Diethyl Ether
Concen: 204.75 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion: 74 Resp: 228192
Ion Ratio Lower Upper
74 100
45 105.6 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.95 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX002250.D

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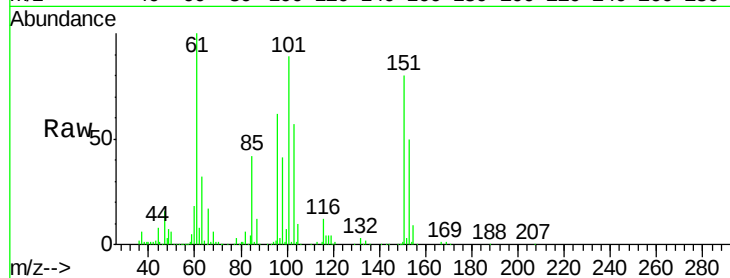
Tot Ion:101 Resp: 87326

Ion Ratio Lower Upper

101 100

85 44.6 35.6 53.4

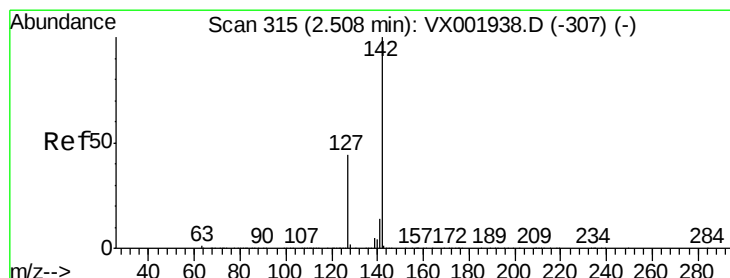
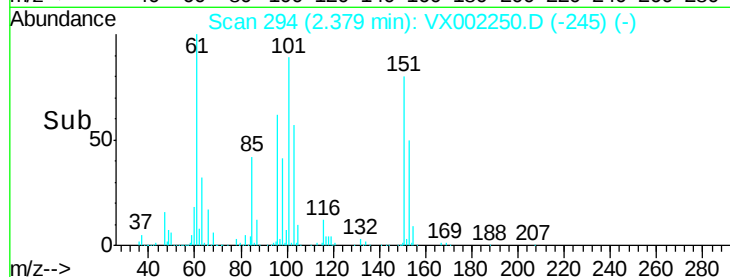
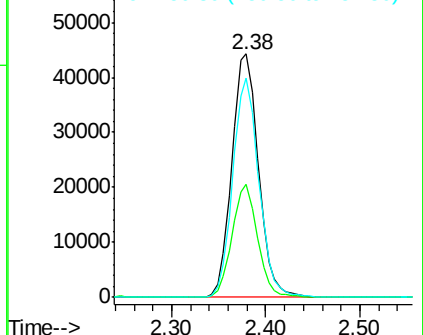
151 88.1 73.2 109.8



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: 56.15 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

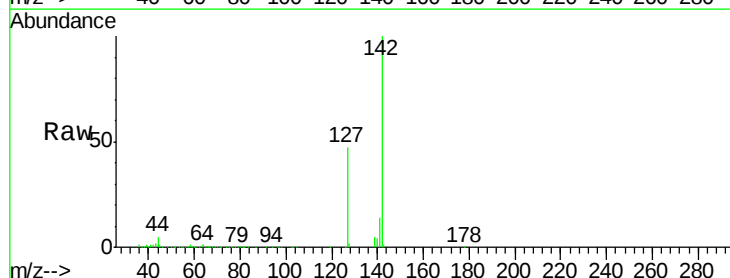
Tgt Ion:142 Resp: 130211

Ion Ratio Lower Upper

142 100

127 46.3 35.5 53.3

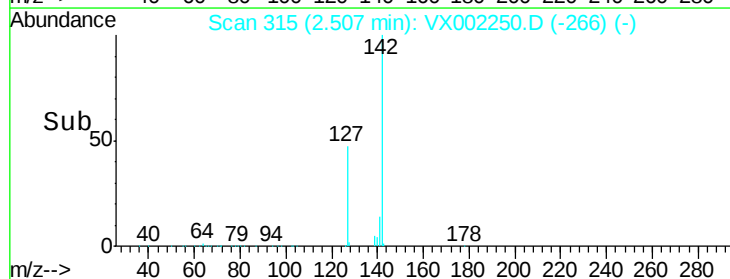
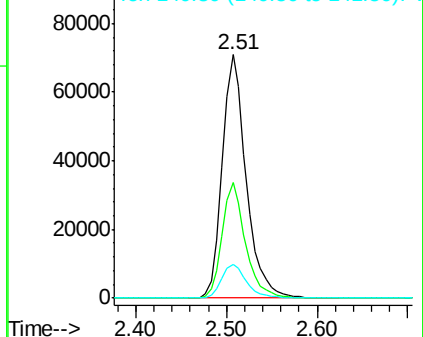
141 14.5 11.3 16.9

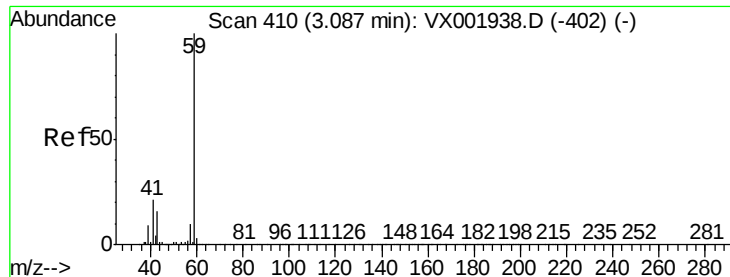


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

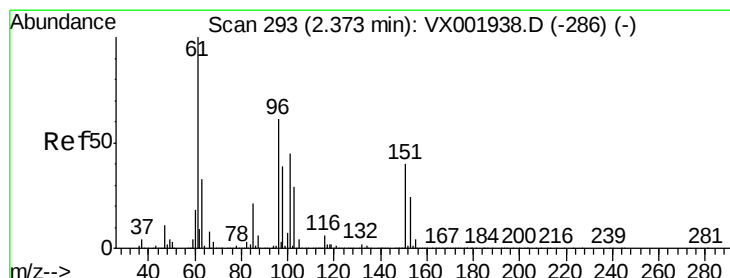
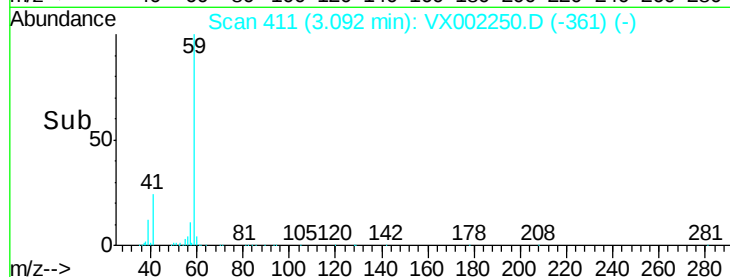
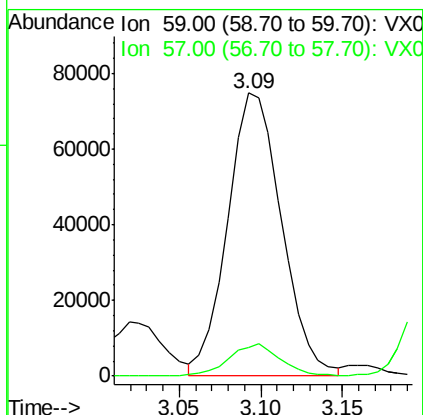
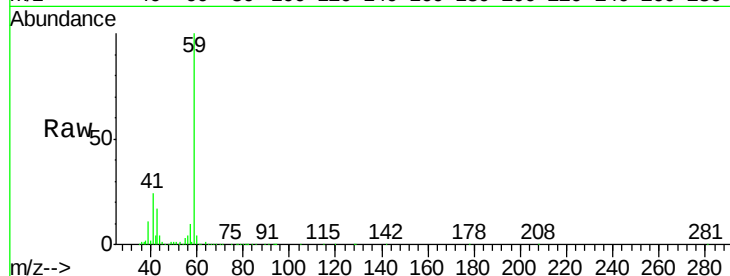




#11
Tert butyl alcohol
Concen: 356.88 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

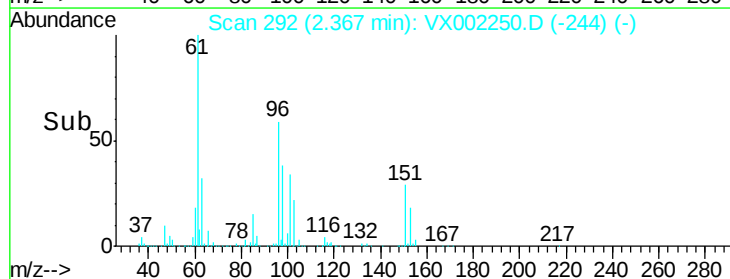
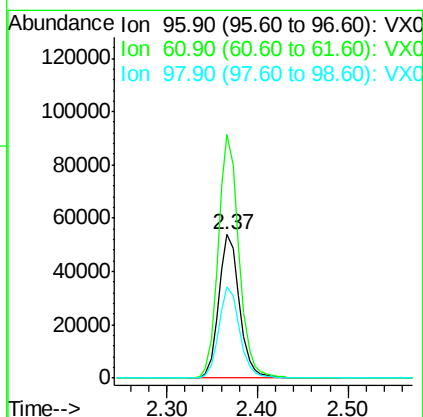
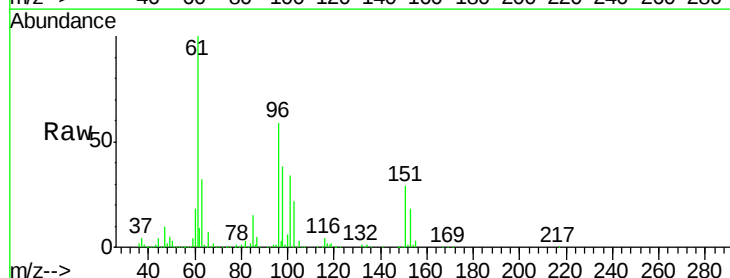
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050MSD

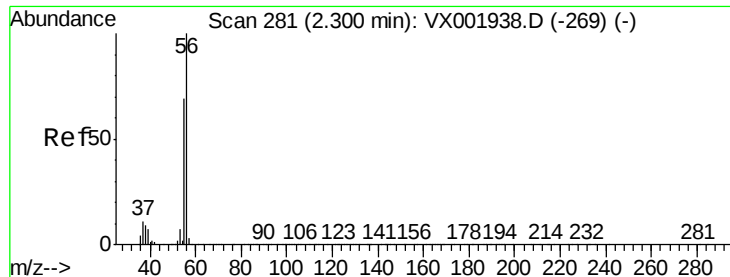
Tot Ion: 59 Resp: 172399
Ion Ratio Lower Upper
59 100
57 10.4 8.9 13.3



#12
1,1-Dichloroethene
Concen: 53.88 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion: 96 Resp: 86466
Ion Ratio Lower Upper
96 100
61 169.8 131.7 197.5
98 64.1 51.6 77.4





#13

Acrolein

Concen: 269.60 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

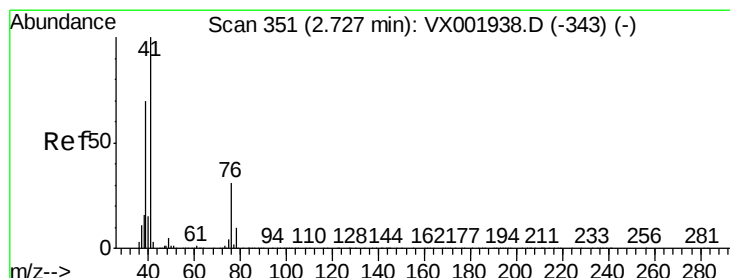
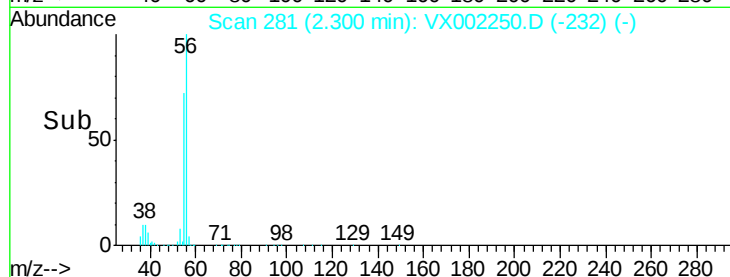
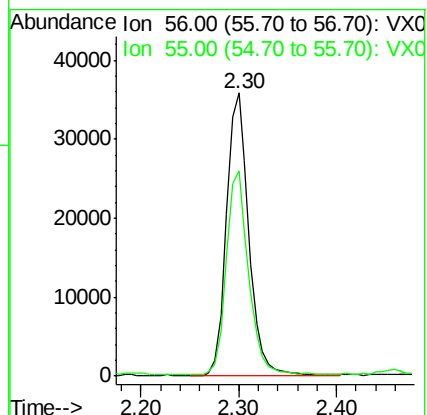
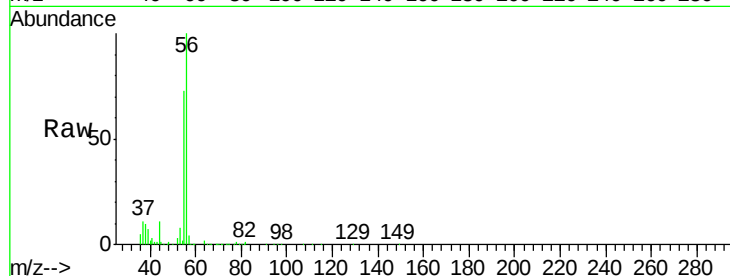
LF6-0050MSD

Tot Ion: 56 Resp: 56309

Ion Ratio Lower Upper

56 100

55 72.0 56.8 85.2



#14

Allyl chloride

Concen: 60.22 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

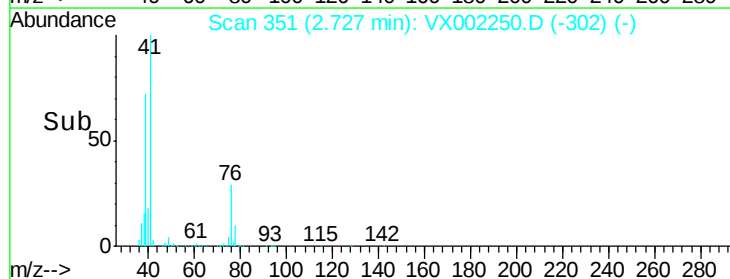
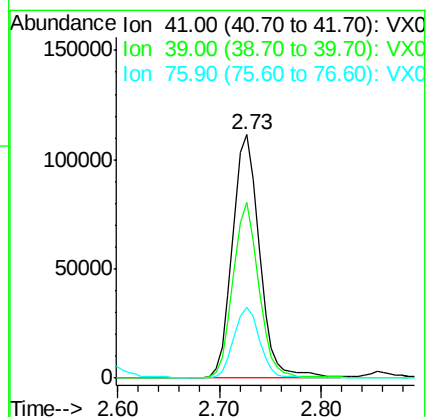
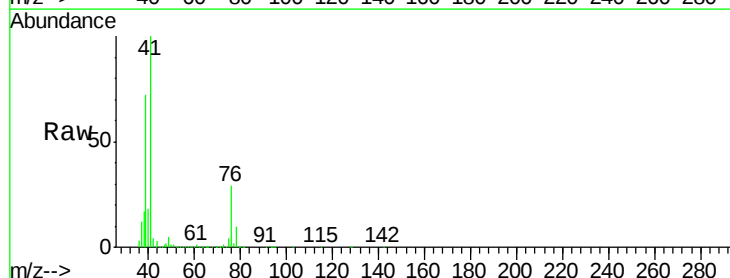
Tgt Ion: 41 Resp: 202857

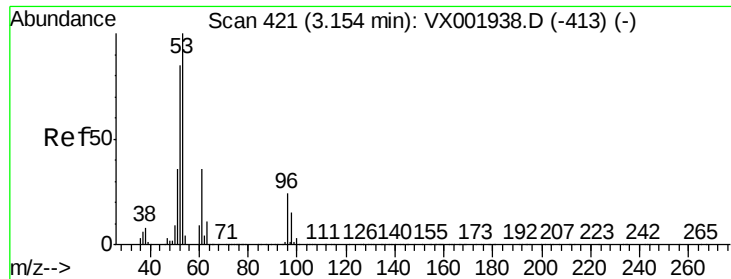
Ion Ratio Lower Upper

41 100

39 68.5 54.3 81.5

76 27.7 24.2 36.4





#15

Acrylonitrile

Concen: 389.01 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

LF6-0050MSD

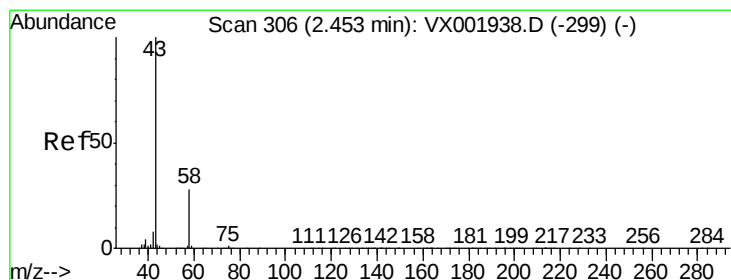
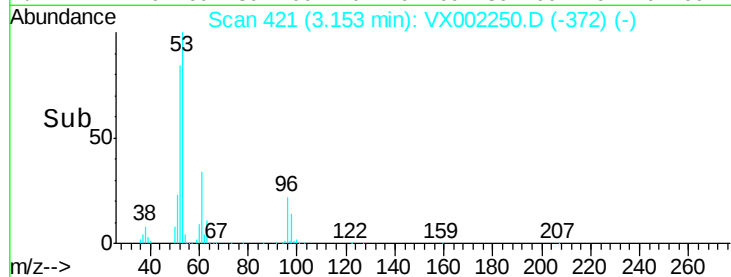
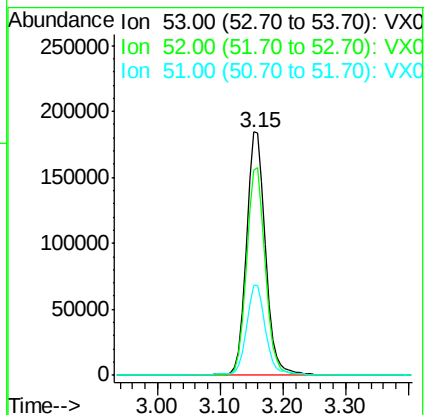
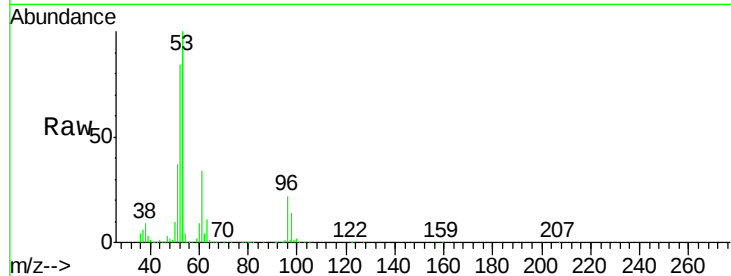
Tot Ion: 53 Resp: 386439

Ion Ratio Lower Upper

53 100

52 83.3 66.4 99.6

51 36.9 29.3 43.9



#16

Acetone

Concen: 376.69 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002250.D

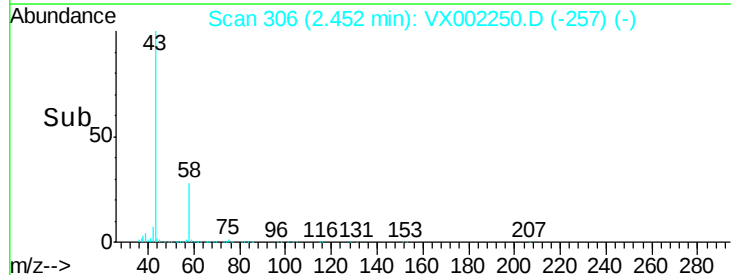
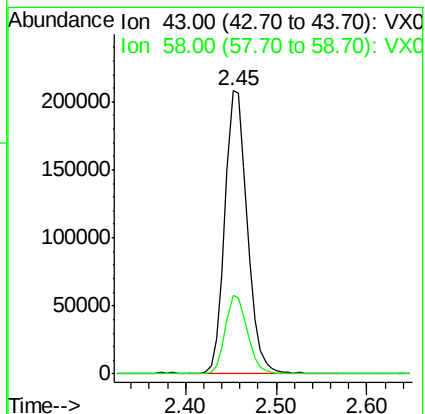
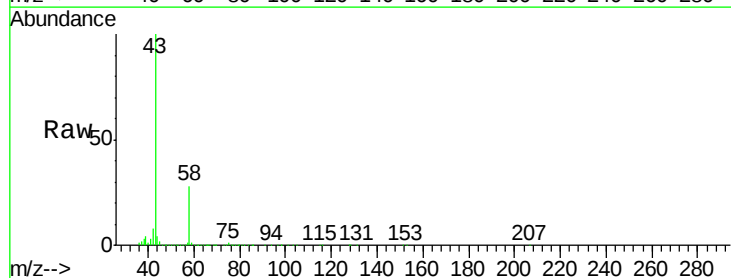
Acq: 02 Jun 2018 20:04

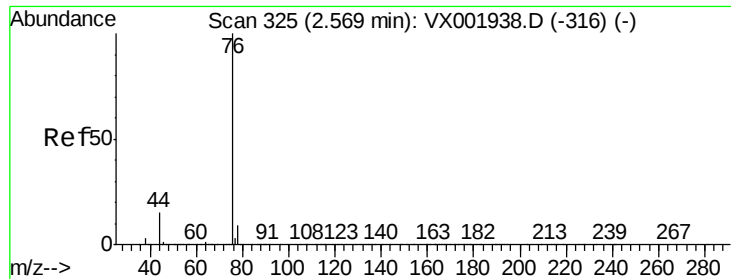
Tgt Ion: 43 Resp: 357767

Ion Ratio Lower Upper

43 100

58 27.6 22.3 33.5

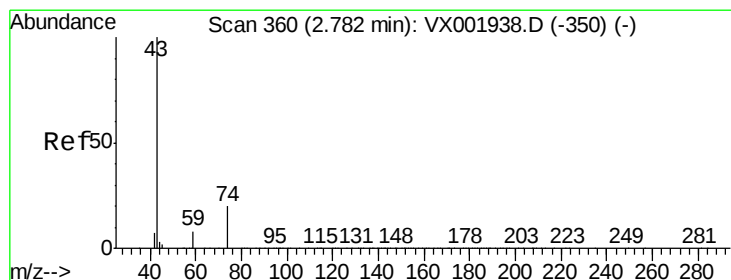
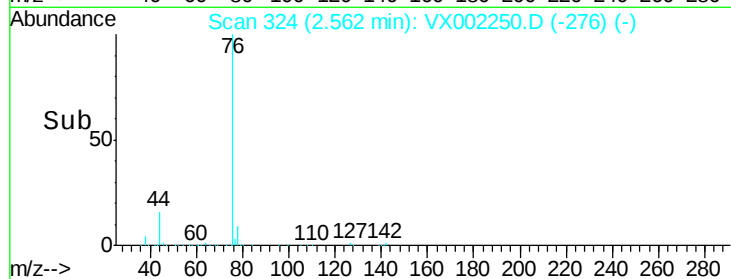
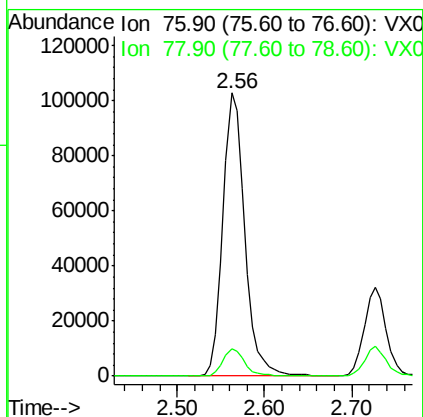
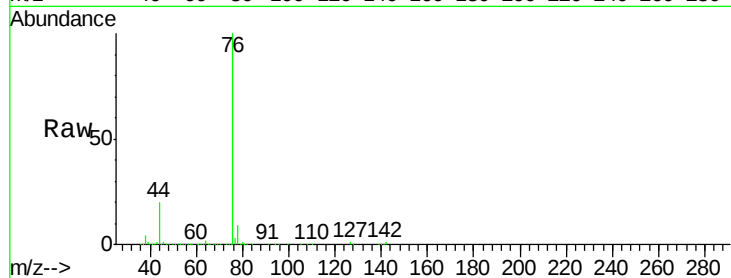




#17
Carbon Disulfide
Concen: 38.71 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

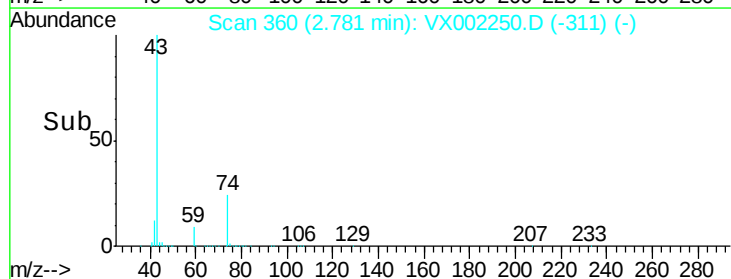
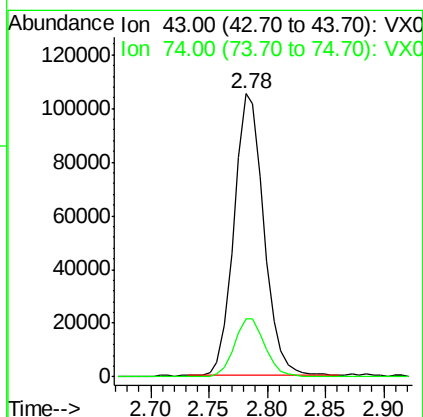
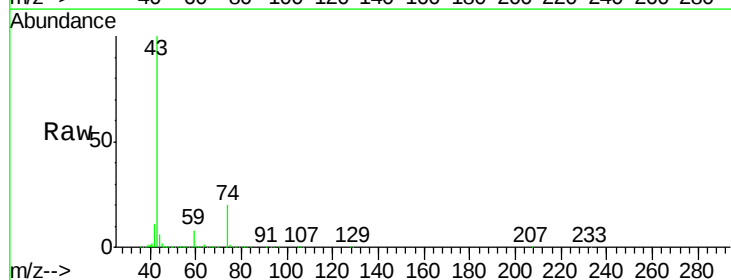
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050MSD

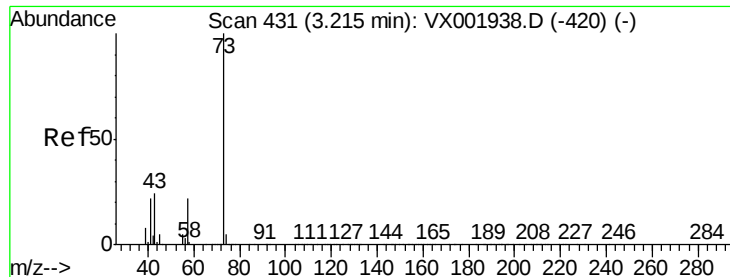
Tot Ion: 76 Resp: 178761
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 83.15 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion: 43 Resp: 188520
Ion Ratio Lower Upper
43 100
74 20.7 16.8 25.2

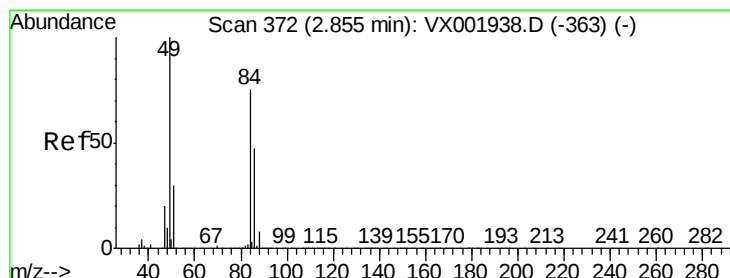
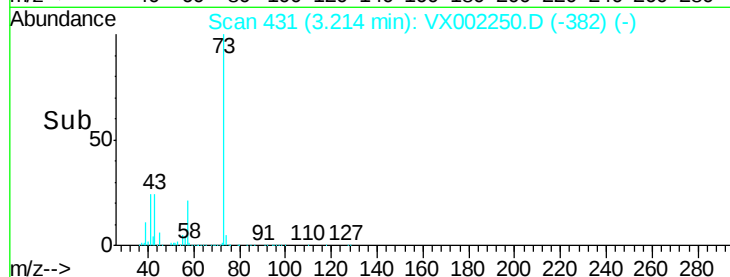
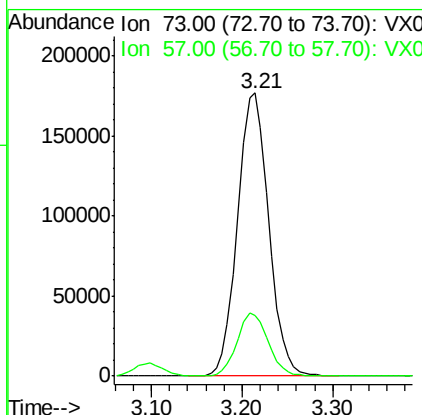
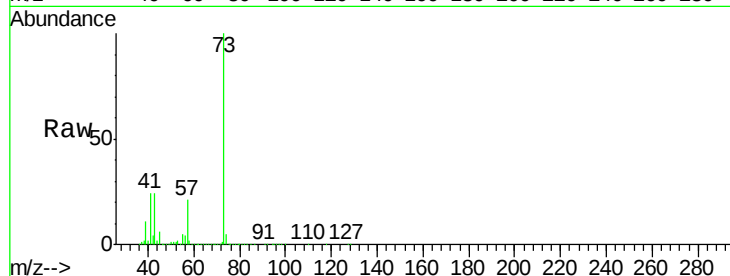




#19
Methvl tert-butvl Ether
Concen: 69.91 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

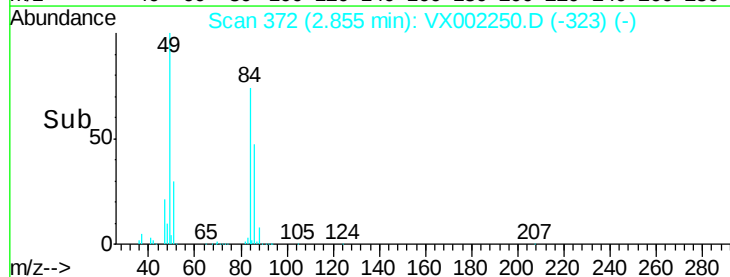
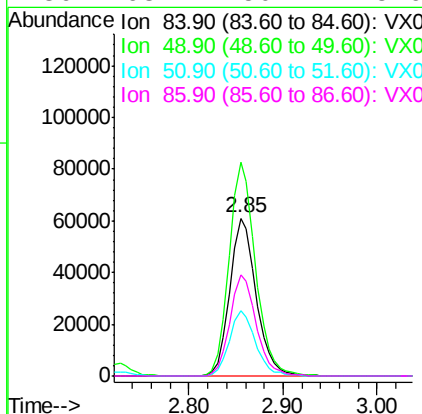
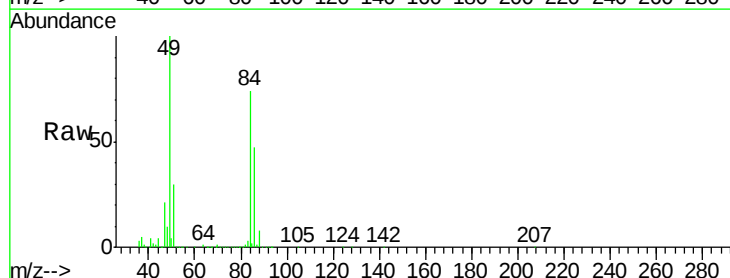
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050MSD

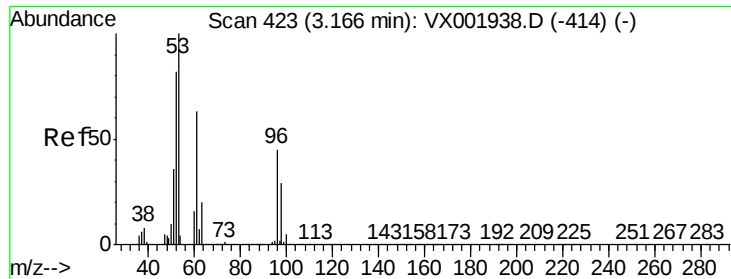
Tot Ion: 73 Resp: 421967
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.0



#20
Methylene Chloride
Concen: 73.15 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion: 84 Resp: 119029
Ion Ratio Lower Upper
84 100
49 135.0 107.2 160.8
51 40.9 32.4 48.6
86 63.7 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 62.87 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

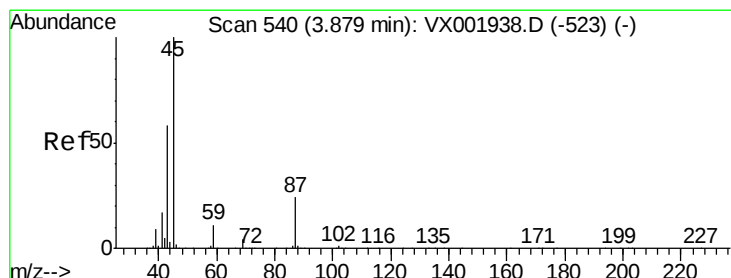
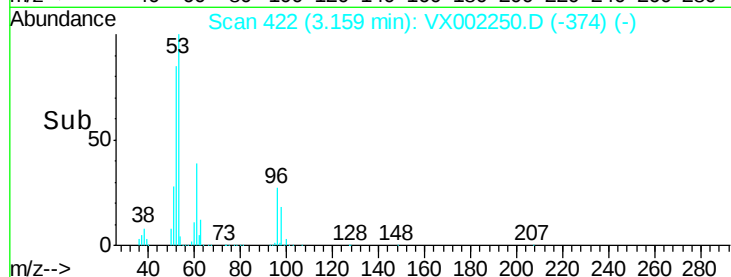
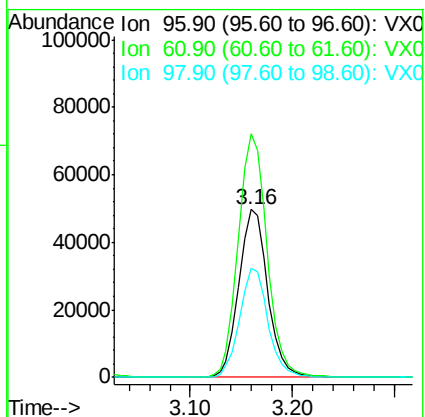
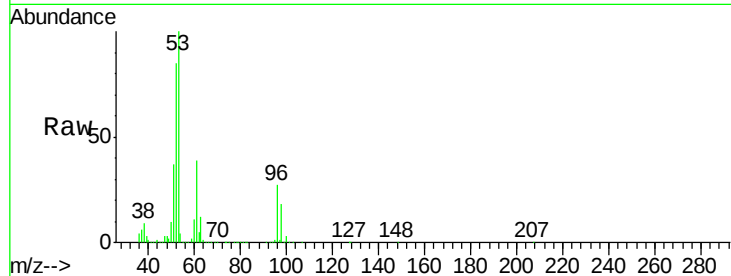
MSVOA_X

ClientSampleId :

LF6-0050MSD

Tot Ion: 96 Resp: 97583

Ion	Ratio	Lower	Upper
96	100		
61	145.0	113.3	169.9
98	64.9	51.7	77.5



#22

Diisopropyl ether

Concen: 56.85 ug/l

RT: 3.88 min Scan# 540

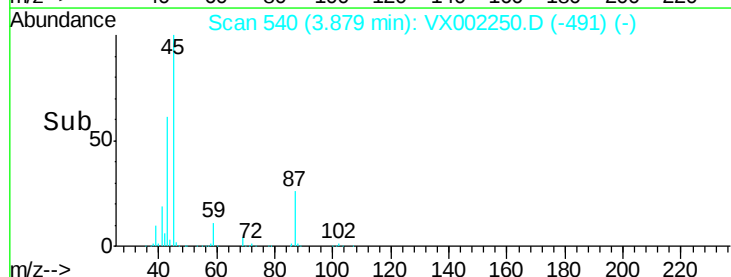
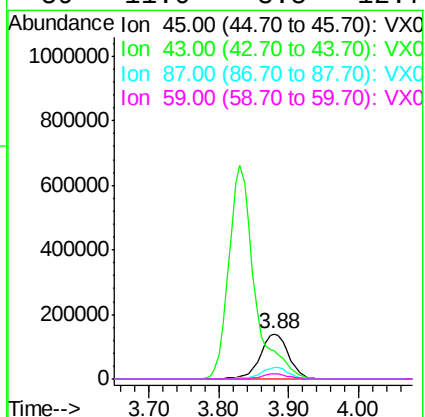
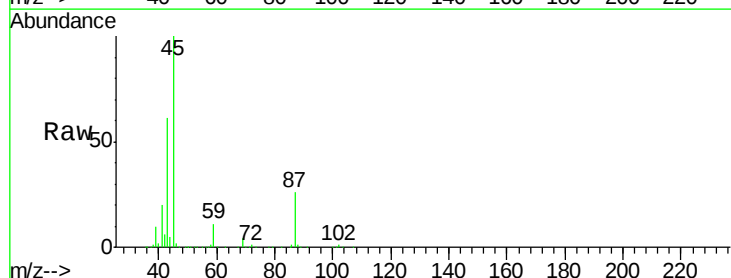
Delta R.T. -0.00 min

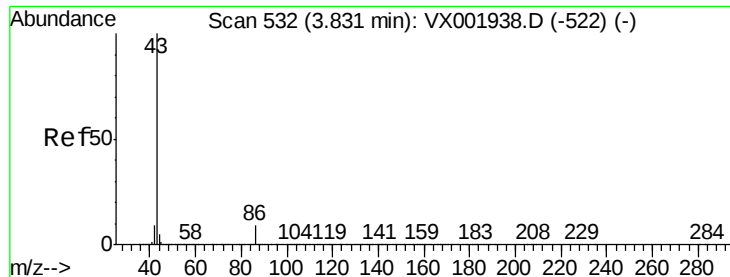
Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Tgt Ion: 45 Resp: 389550

Ion	Ratio	Lower	Upper
45	100		
43	61.1	47.0	70.6
87	25.9	19.4	29.0
59	11.0	8.5	12.7





#23

Vinyl Acetate

Concen: 297.64 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

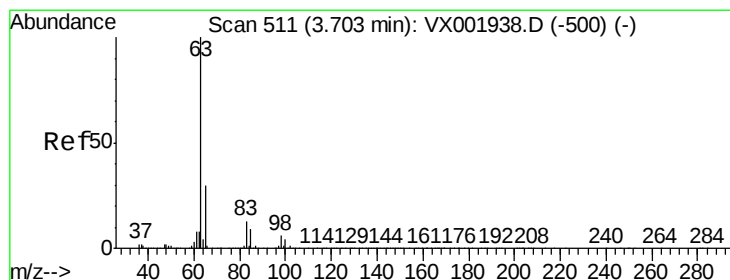
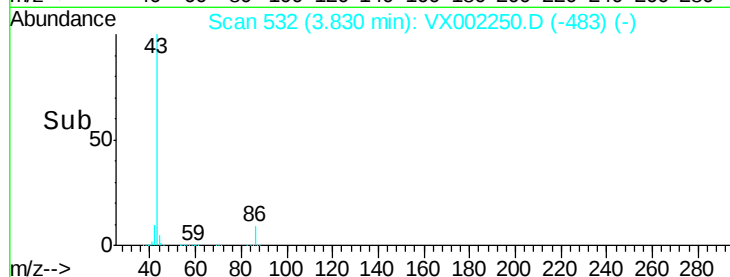
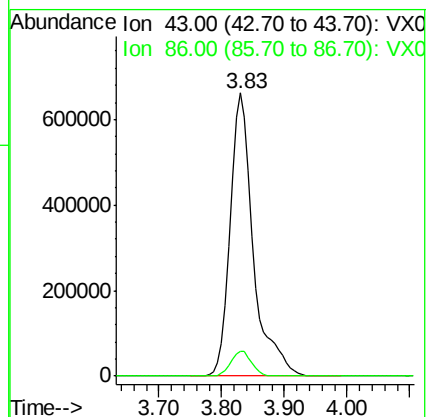
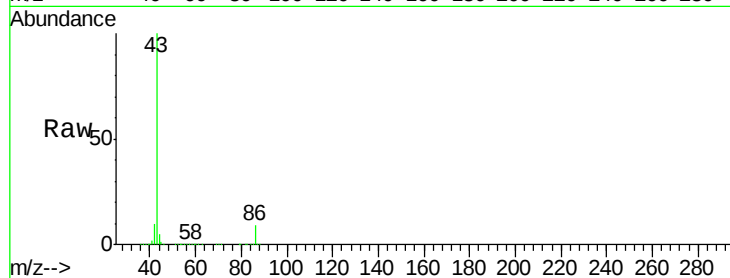
LF6-0050MSD

Tot Ion: 43 Resp: 1690833

Ion Ratio Lower Upper

43 100

86 8.9 7.6 11.4



#24

1,1-Dichloroethane

Concen: 66.08 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

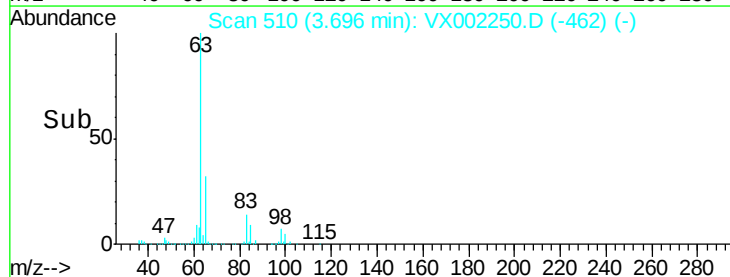
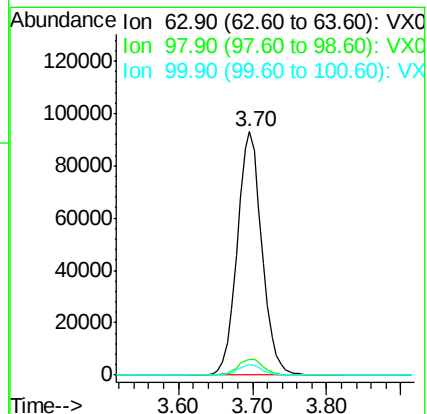
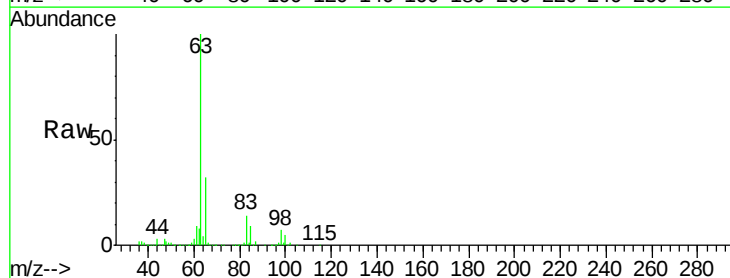
Tgt Ion: 63 Resp: 215087

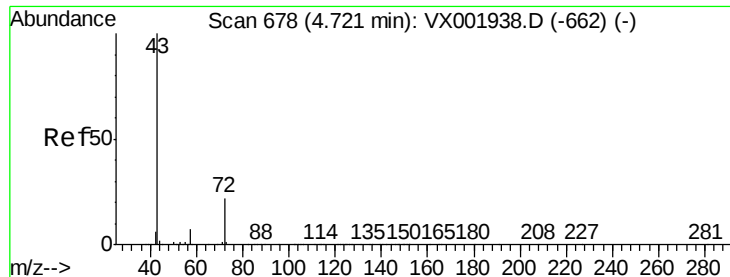
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 293.60 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

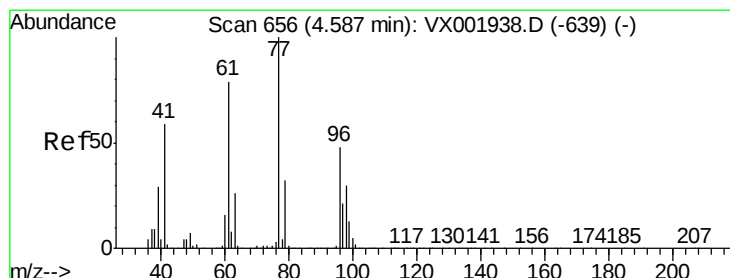
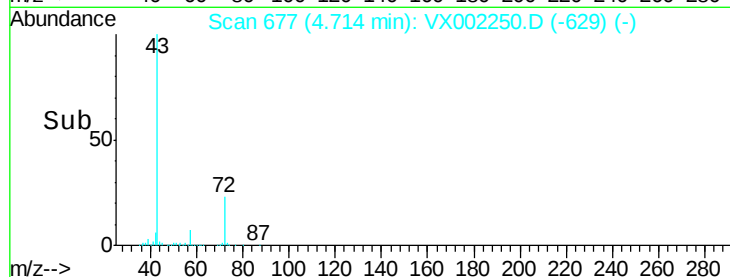
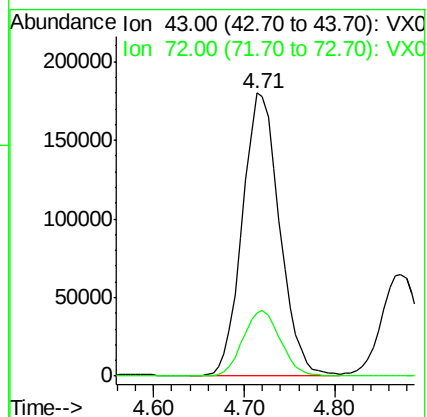
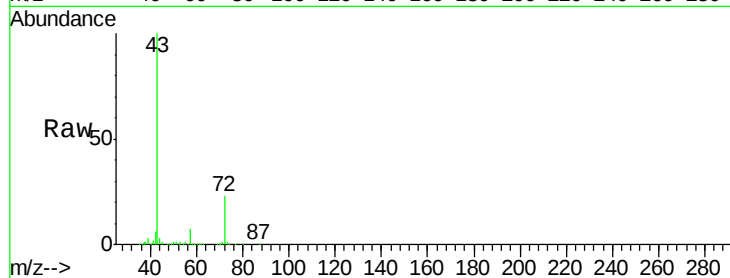
LF6-0050MSD

Tot Ion: 43 Resp: 511088

Ion Ratio Lower Upper

43 100

72 22.5 17.9 26.9



#26

2,2-Dichloropropane

Concen: 37.65 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002250.D

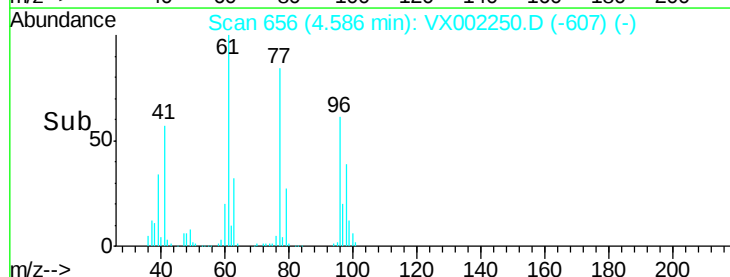
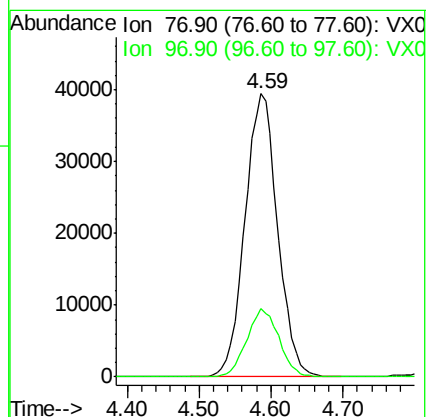
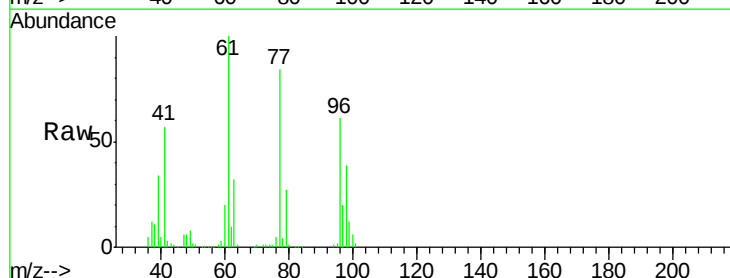
Acq: 02 Jun 2018 20:04

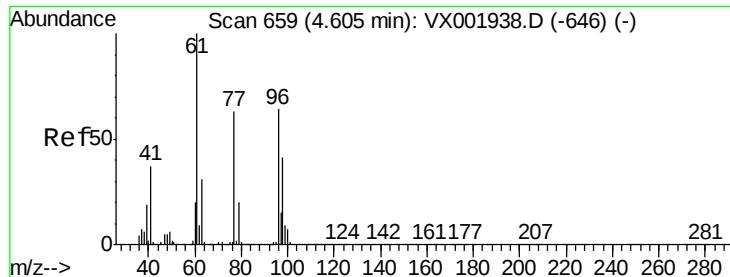
Tgt Ion: 77 Resp: 124039

Ion Ratio Lower Upper

77 100

97 23.7 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 52.76 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

LF6-0050MSD

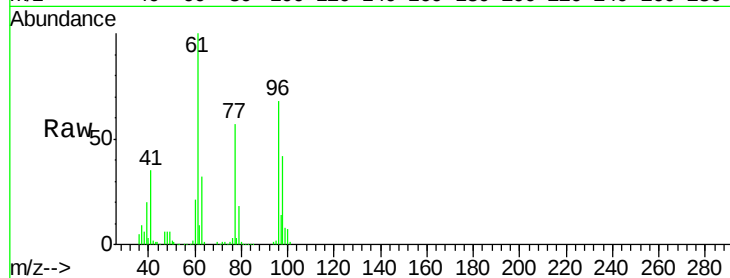
Tot Ion: 96 Resp: 110394

Ion Ratio Lower Upper

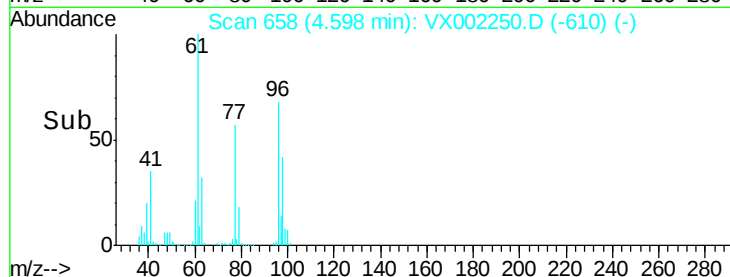
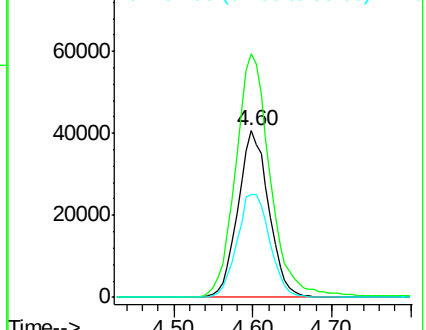
96 100

61 164.5 0.0 348.4

98 66.1 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: 73.98 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

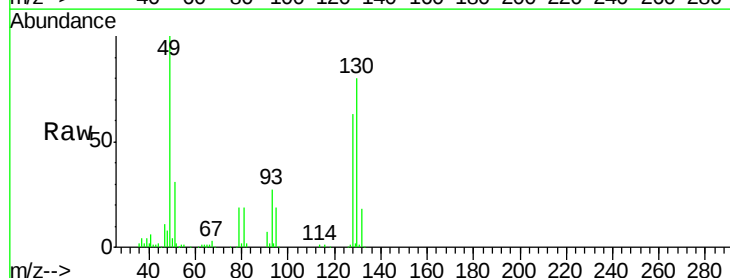
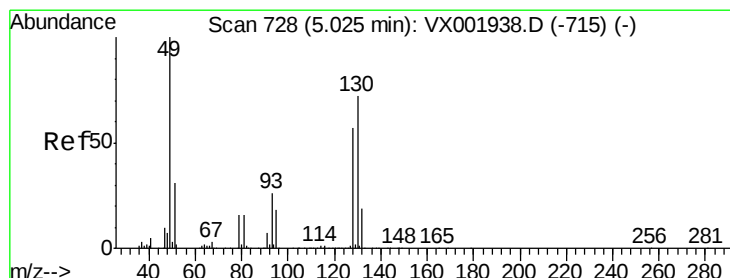
Tgt Ion: 49 Resp: 99833

Ion Ratio Lower Upper

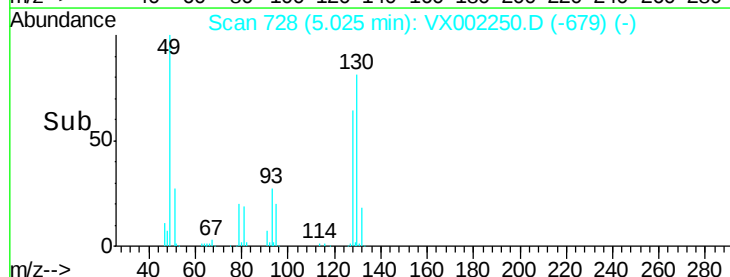
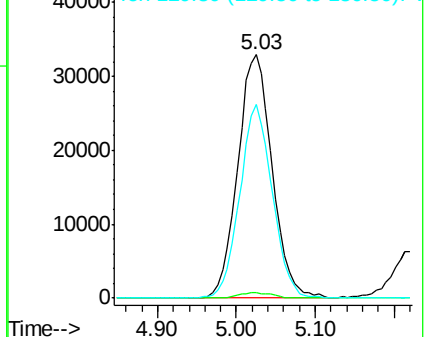
49 100

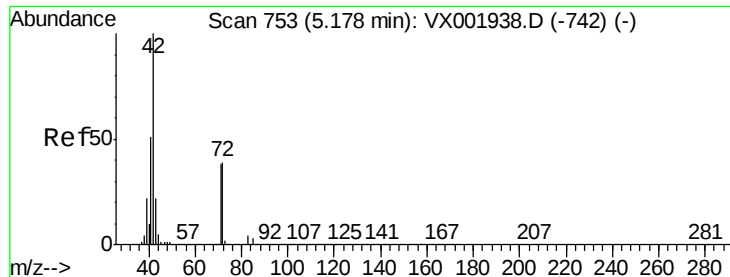
129 2.2 0.0 3.8

130 75.3 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: 316.31 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

LF6-0050MSD

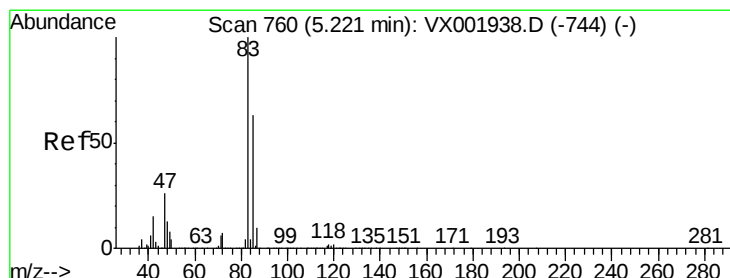
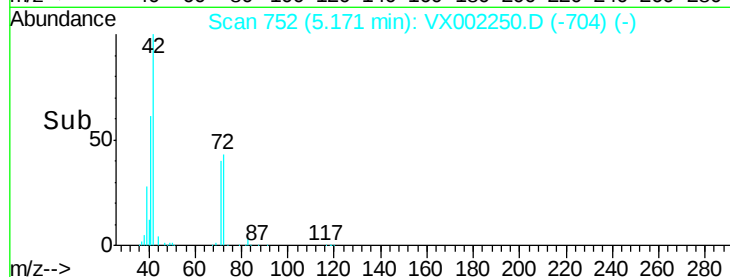
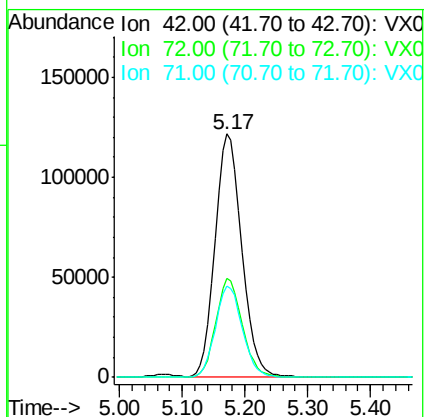
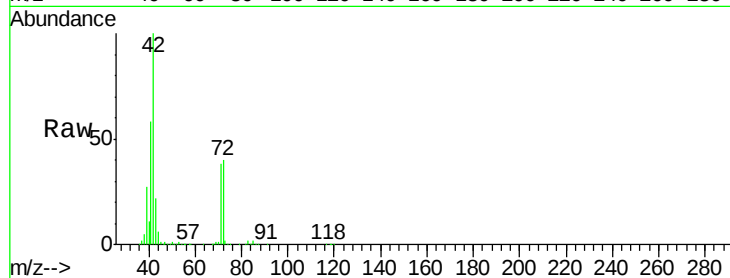
Tot Ion: 42 Resp: 358242

Ion Ratio Lower Upper

42 100

72 40.5 31.4 47.0

71 37.9 29.5 44.3



#30

Chloroform

Concen: 55.17 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002250.D

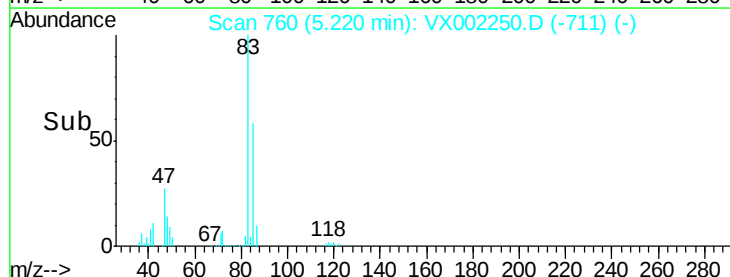
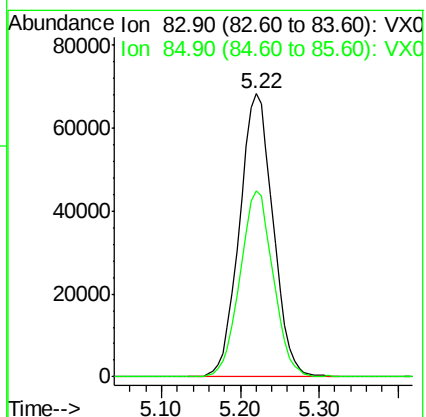
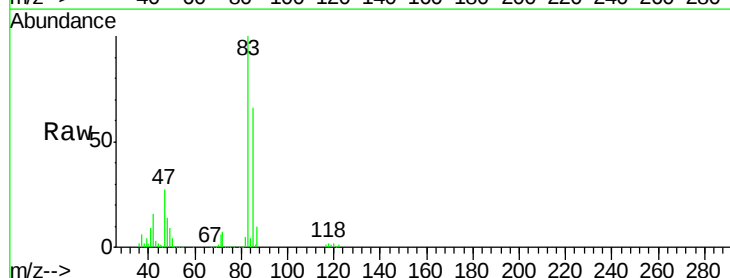
Acq: 02 Jun 2018 20:04

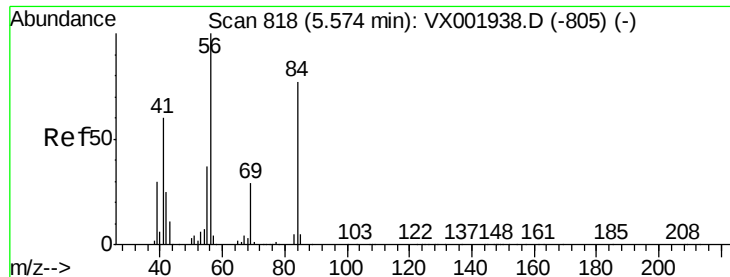
Tgt Ion: 83 Resp: 202293

Ion Ratio Lower Upper

83 100

85 65.8 50.9 76.3

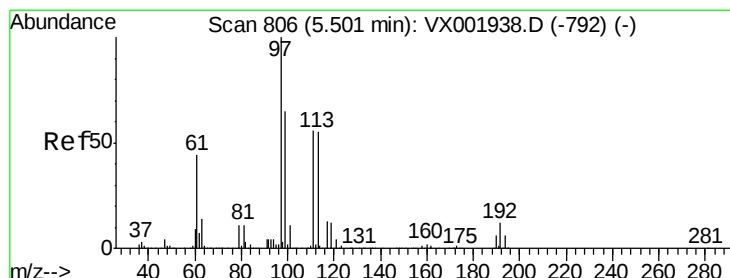
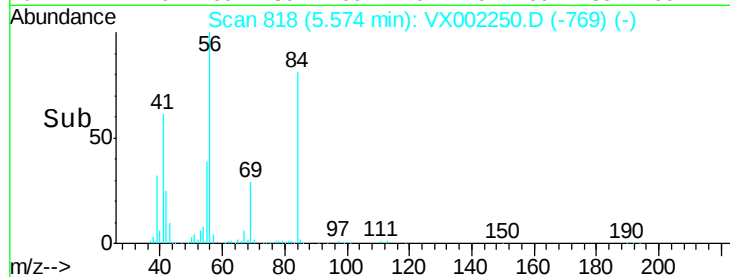
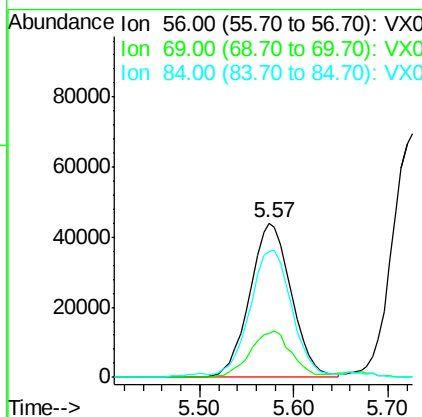
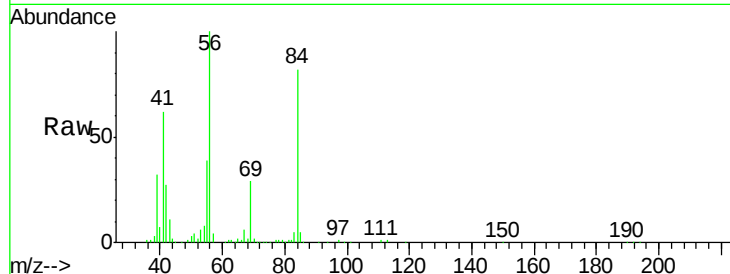




#31
Cyclohexane
Concen: 40.11 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

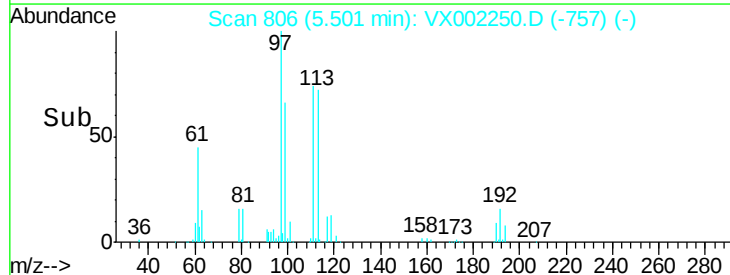
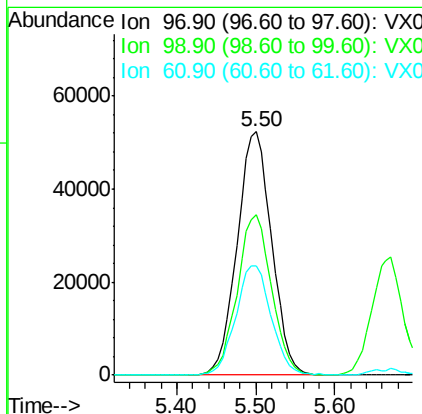
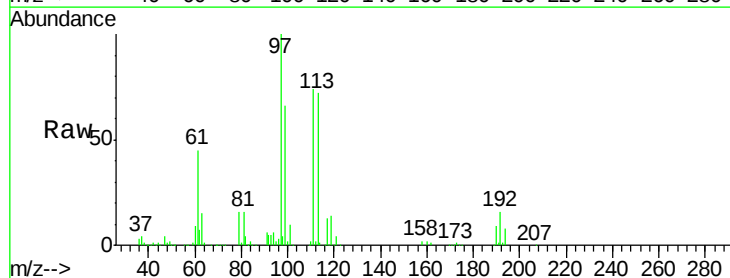
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050MSD

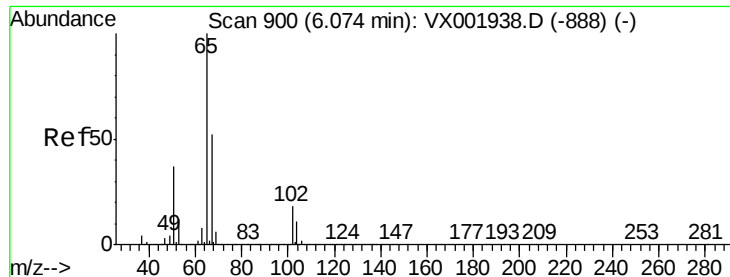
Tot Ion: 56 Resp: 136018
Ion Ratio Lower Upper
56 100
69 28.5 23.1 34.7
84 80.1 62.0 93.0



#32
1,1,1-Trichloroethane
Concen: 46.65 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion: 97 Resp: 159489
Ion Ratio Lower Upper
97 100
99 65.5 51.9 77.9
61 46.3 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 63.42 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

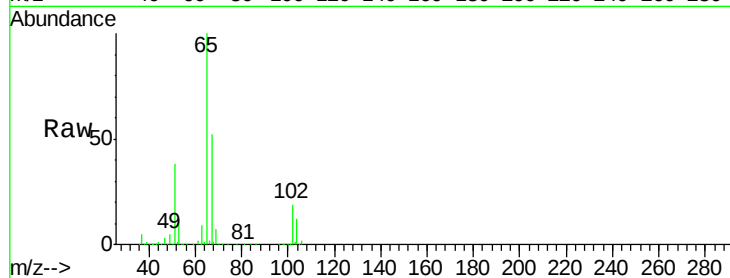
LF6-0050MSD

Tot Ion: 65 Resp: 156085

Ion Ratio Lower Upper

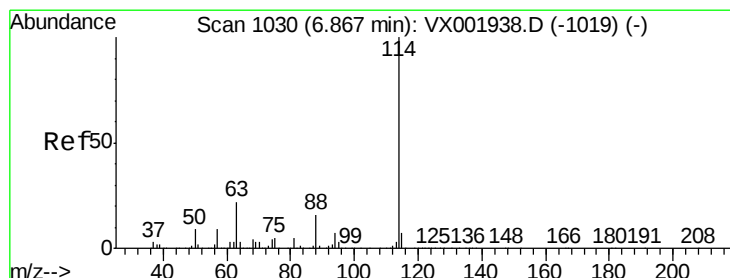
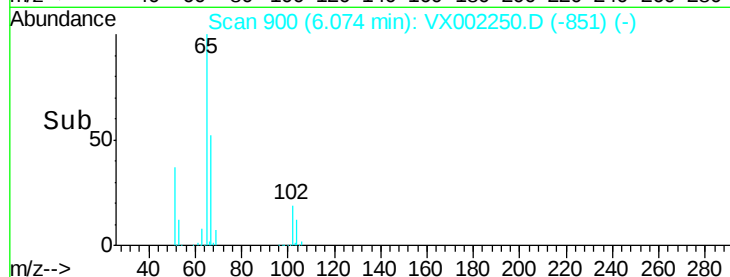
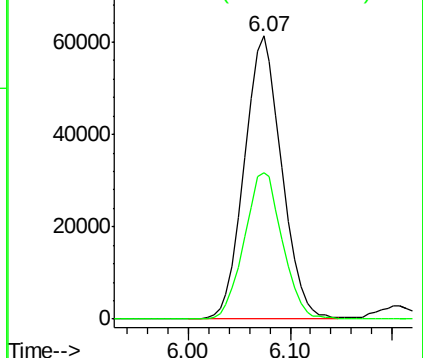
65 100

67 52.9 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: VX002250.D

Acq: 02 Jun 2018 20:04

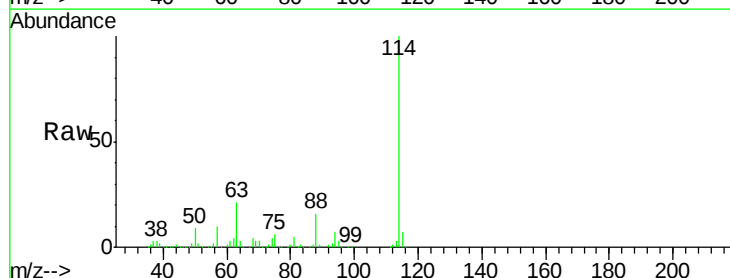
Tgt Ion: 114 Resp: 215369

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.2

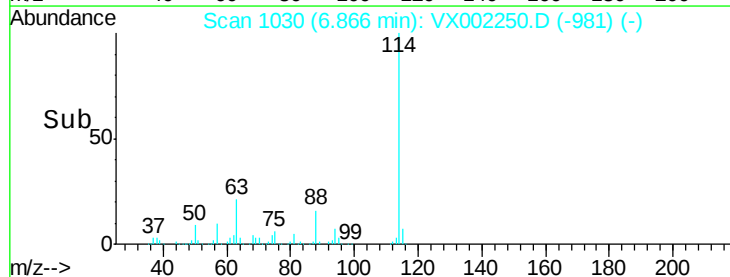
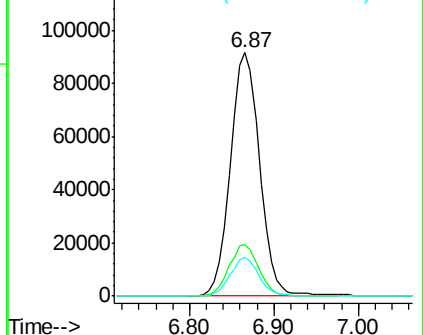
88 15.9 0.0 31.6

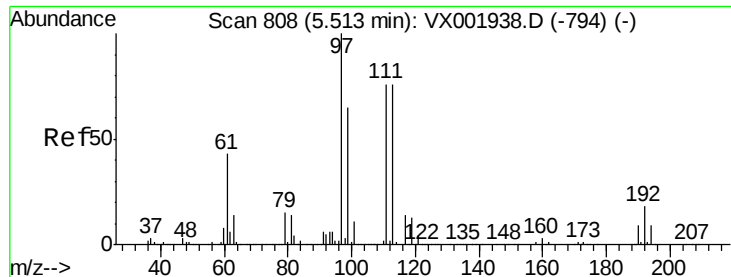


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 54.37 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

LF6-0050MSD

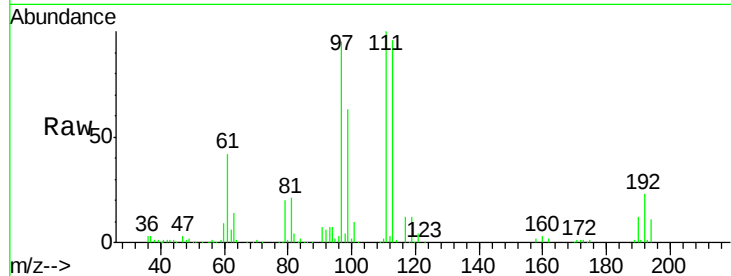
Tot Ion:113 Resp: 117096

Ion Ratio Lower Upper

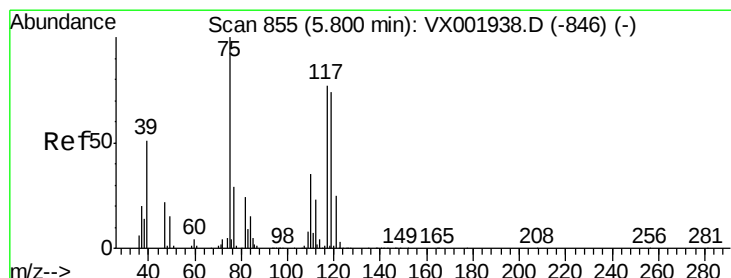
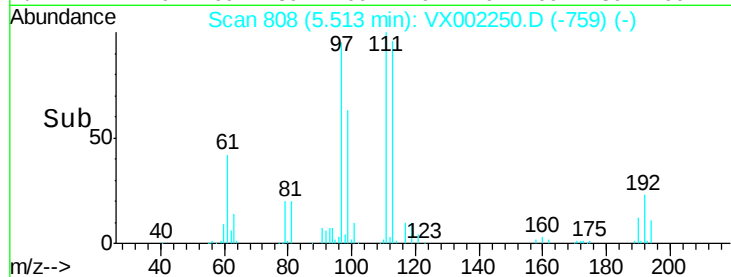
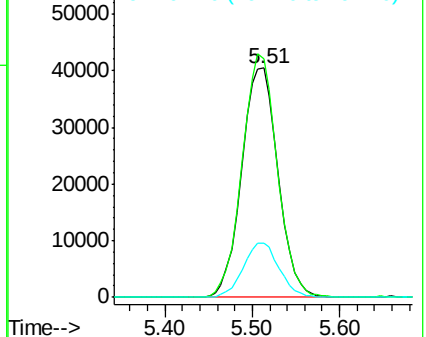
113 100

111 102.6 82.0 123.0

192 23.4 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: 40.71 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

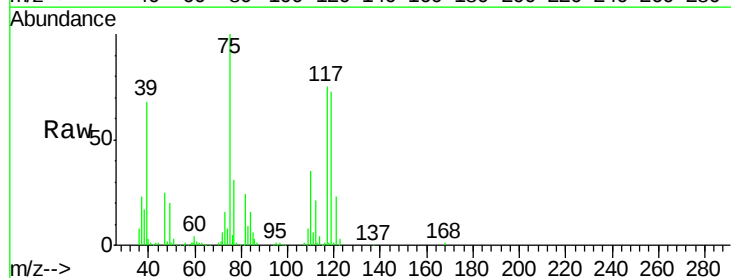
Tgt Ion: 75 Resp: 121947

Ion Ratio Lower Upper

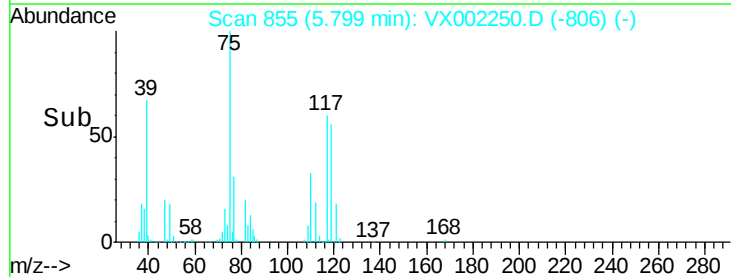
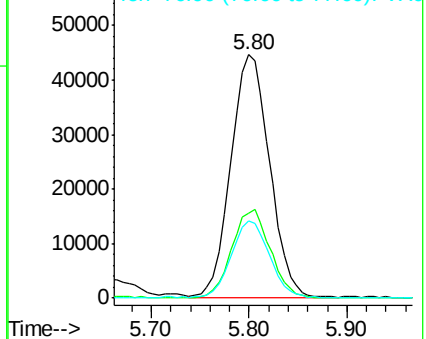
75 100

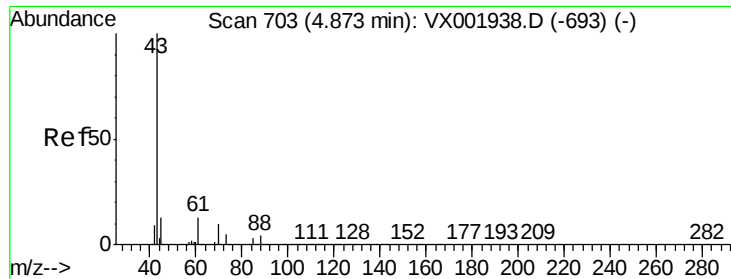
110 36.6 17.4 52.2

77 31.1 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

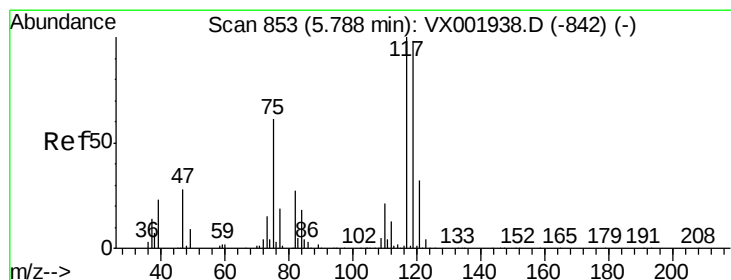
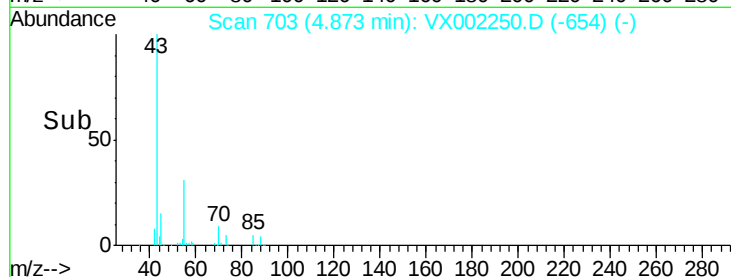
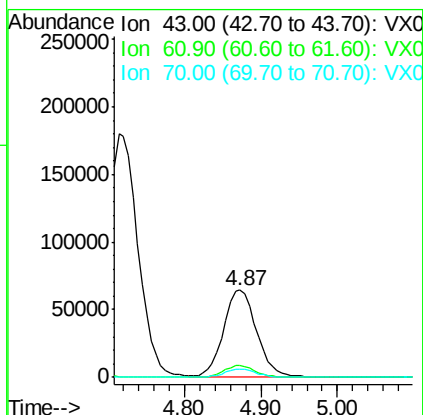
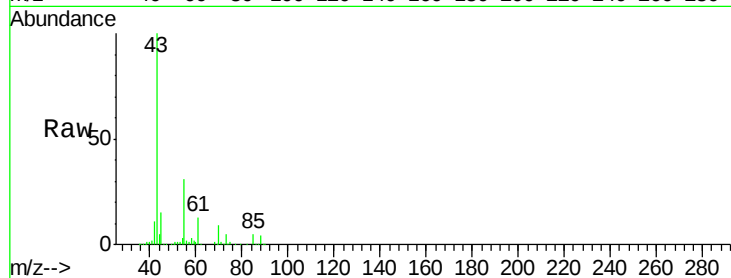




#37
Ethyl Acetate
Concen: 49.23 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

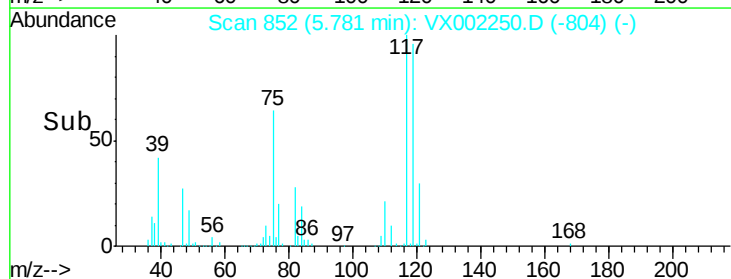
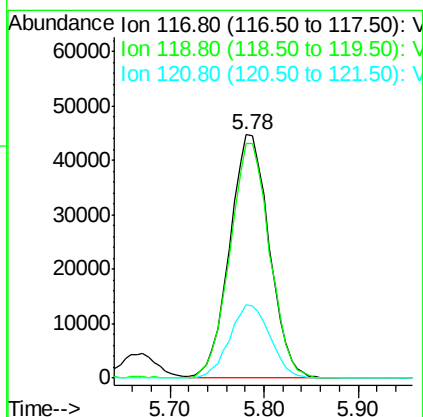
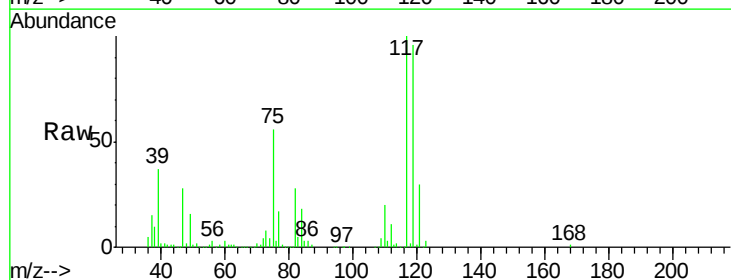
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050MSD

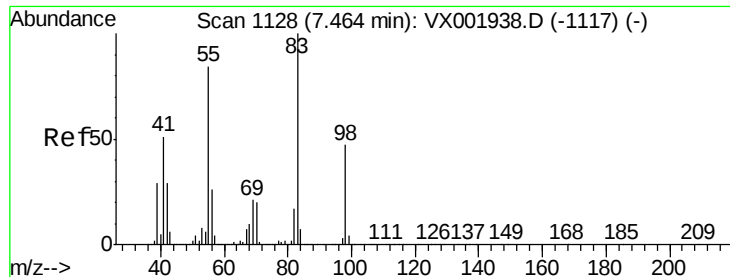
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.2	15.2
70	9.3	7.8	11.8



#38
Carbon Tetrachloride
Concen: 37.42 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.5	117.7
121	30.0	25.5	38.3

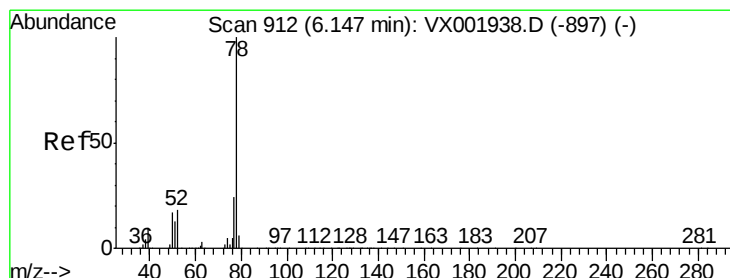
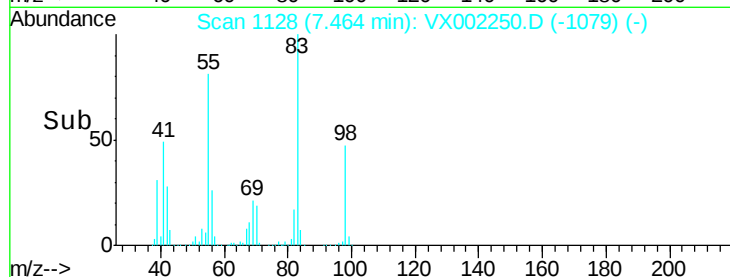
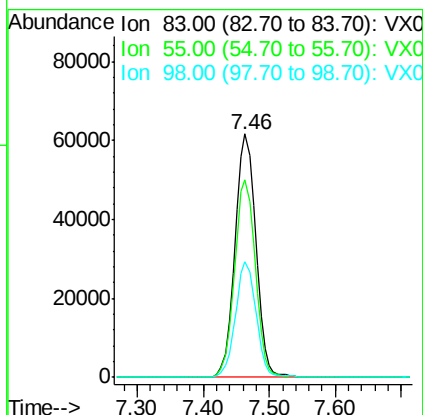
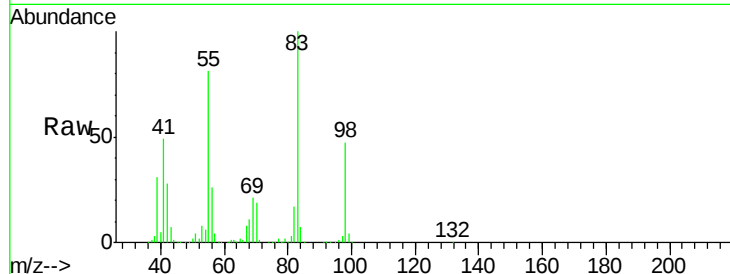




#39
Methvlcvclohexane
Concen: 36.82 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

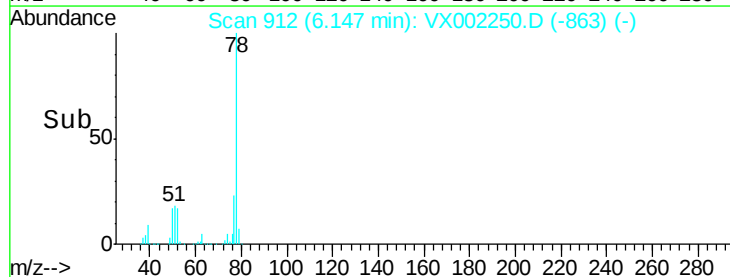
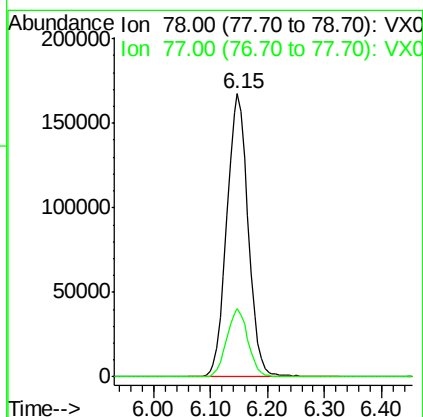
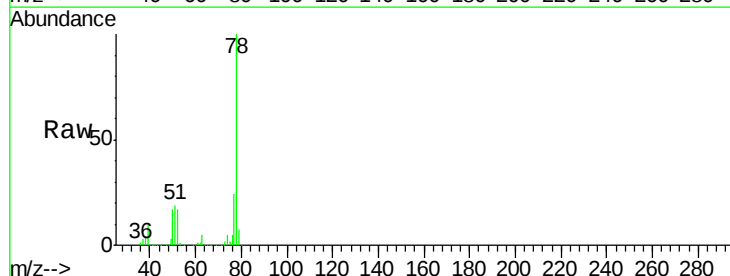
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050MSD

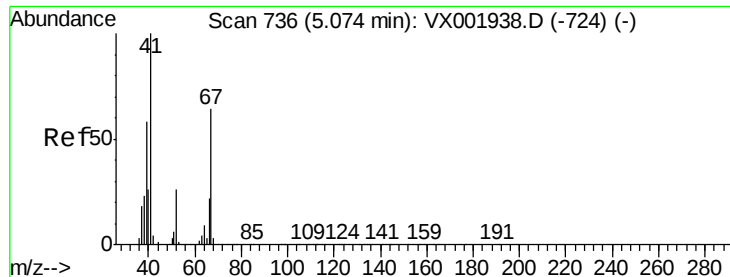
Tot Ion	83.00	Resp	135498
Ion	Ratio	Lower	Upper
83	100		
55	81.0	67.3	100.9
98	47.3	37.5	56.3



#40
Benzene
Concen: 50.02 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion	78.00	Resp	438965
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7

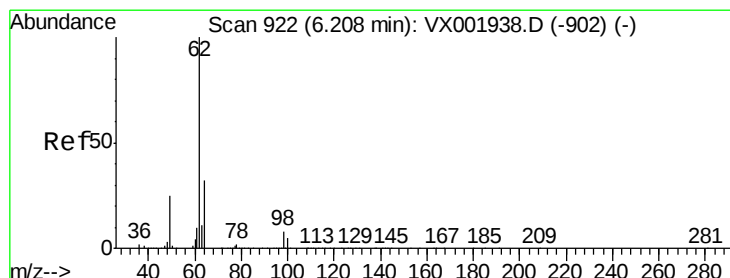
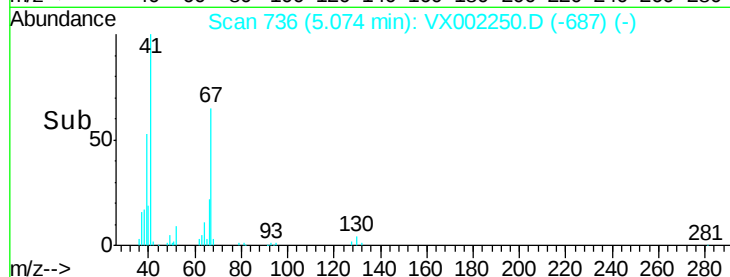
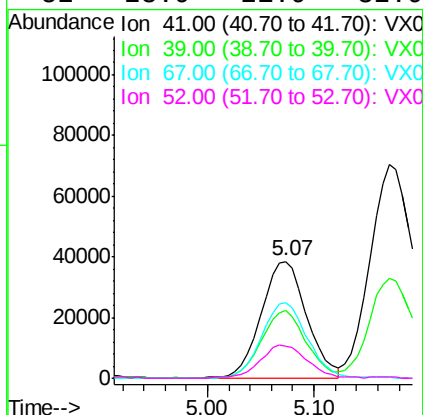
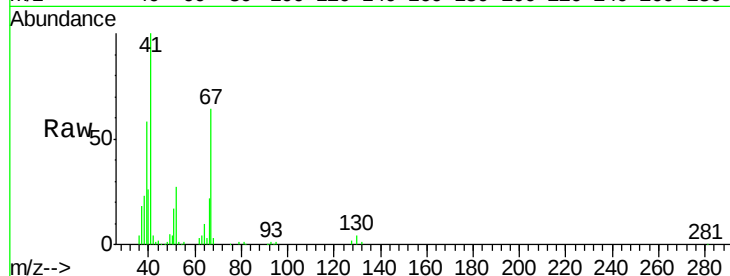




#41
Methacrylonitrile
Concen: 55.57 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

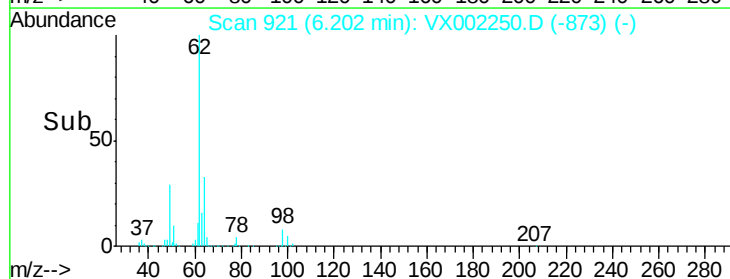
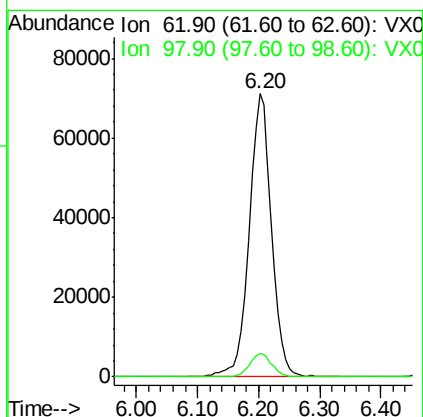
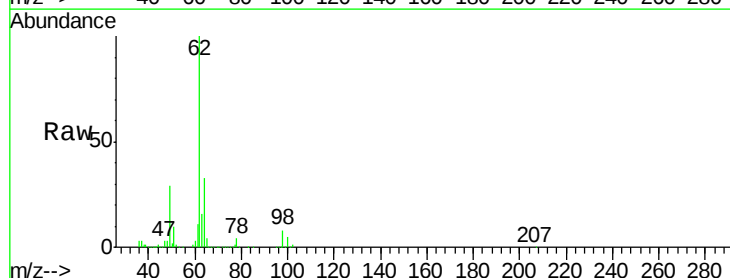
Instrument :
MSVOA_X
ClientSampled :
LF6-0050MSD

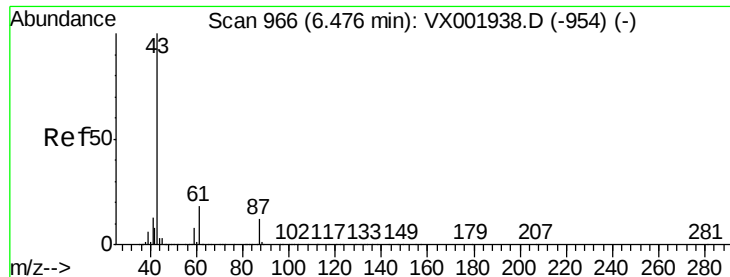
Tot Ion:	41	Resp:	114223
Ion	Ratio	Lower	Upper
41	100		
39	56.9	46.0	69.0
67	65.2	50.6	75.8
52	28.9	21.9	32.9



#42
1,2-Dichloroethane
Concen: 51.93 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion:	62	Resp:	182058
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0



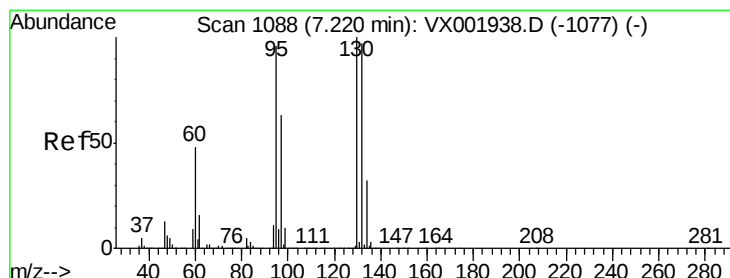
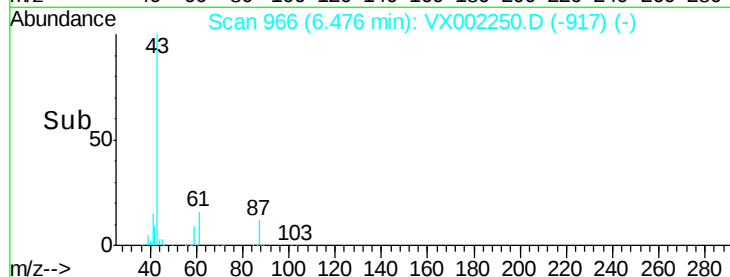
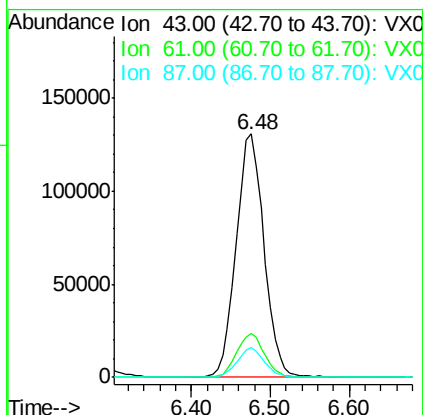
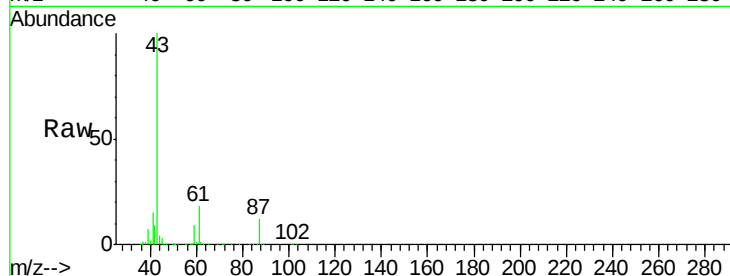


#43

Isopropyl Acetate
 Concen: 49.24 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX002250.D
 Acq: 02 Jun 2018 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0050MSD

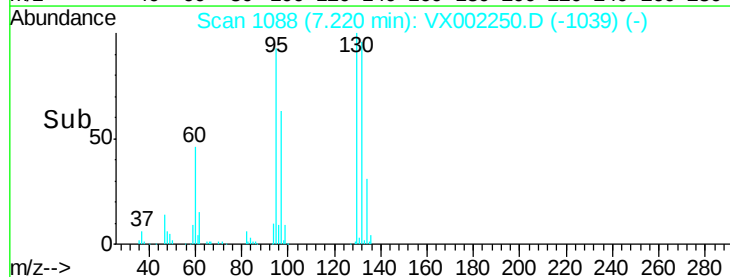
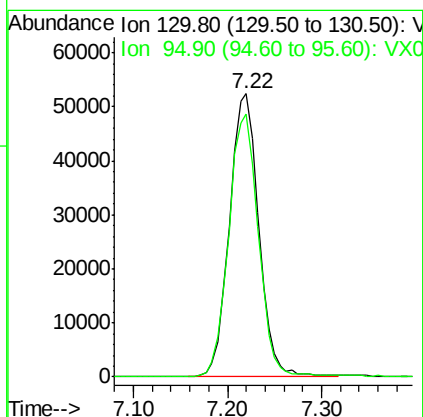
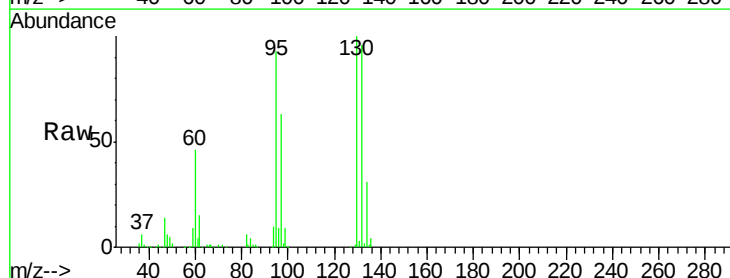
Tot Ion	43	Resp	320437
Ion Ratio	Lower	Upper	
43	100		
61	18.1	14.5	21.7
87	11.9	9.5	14.3

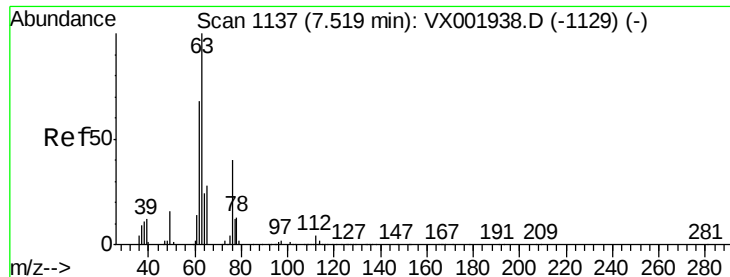


#44

Trichloroethene
 Concen: 44.33 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002250.D
 Acq: 02 Jun 2018 20:04

Tgt Ion	130	Resp	113362
Ion Ratio	Lower	Upper	
130	100		
95	92.9	0.0	192.0





#45

1,2-Dichloropropane

Concen: 51.61 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

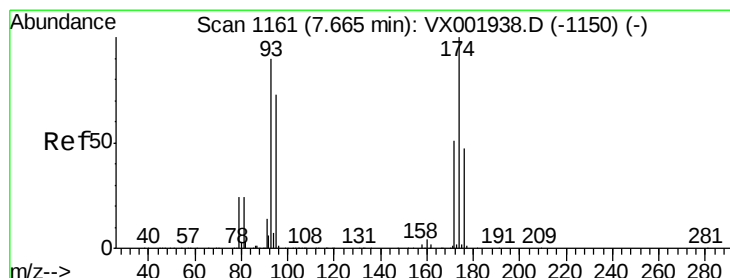
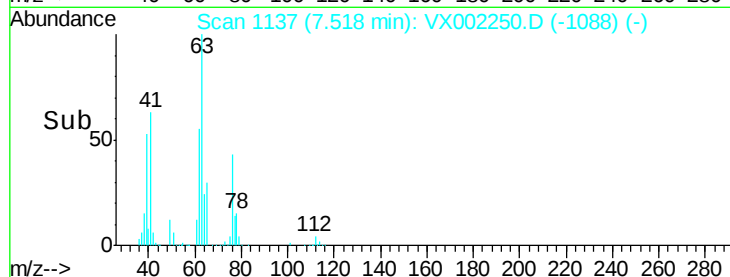
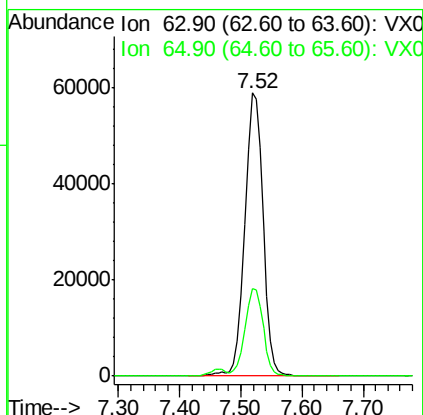
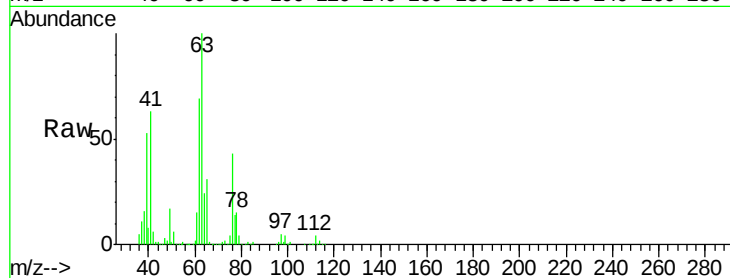
LF6-0050MSD

Tot Ion: 63 Resp: 123021

Ion Ratio Lower Upper

63 100

65 30.8 24.1 36.1



#46

Dibromomethane

Concen: 52.86 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

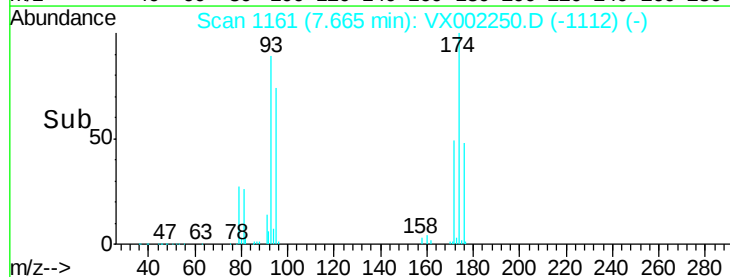
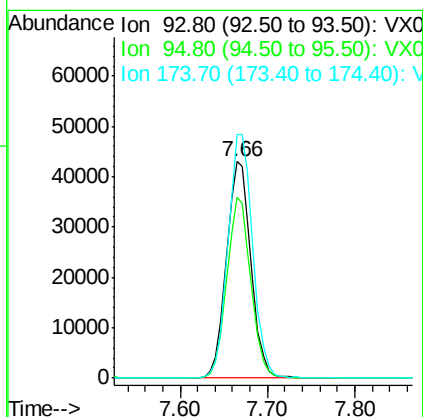
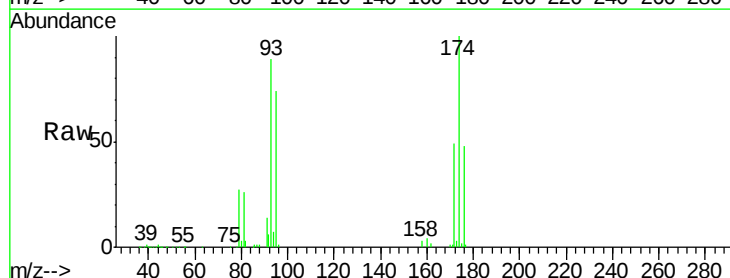
Tgt Ion: 93 Resp: 83421

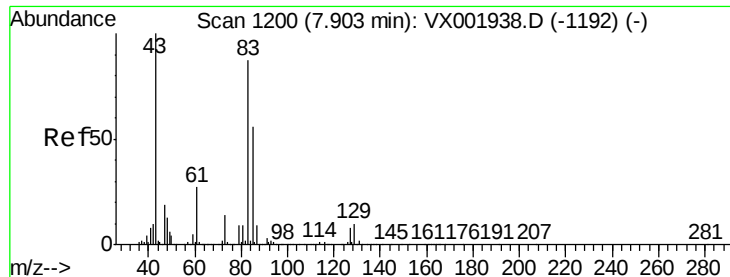
Ion Ratio Lower Upper

93 100

95 82.3 66.1 99.1

174 114.0 92.5 138.7





#47

Bromodichloromethane

Concen: 43.60 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

LF6-0050MSD

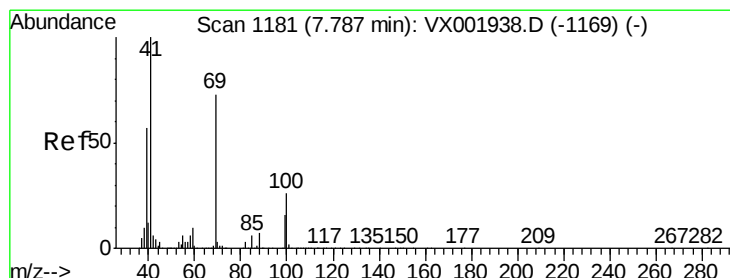
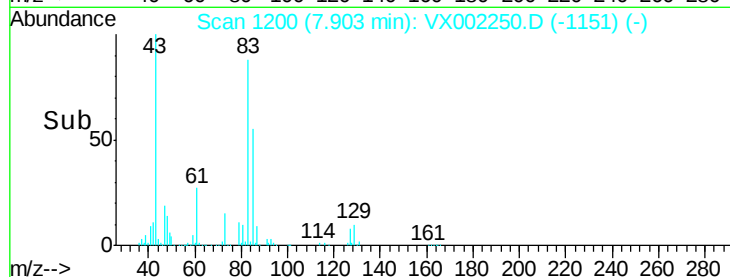
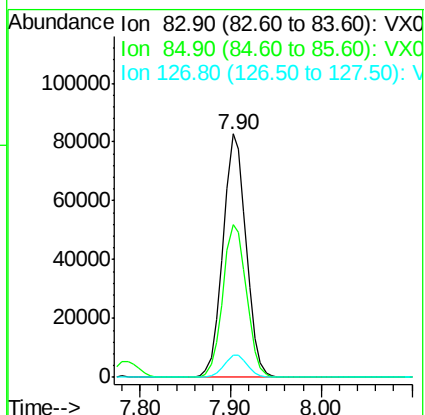
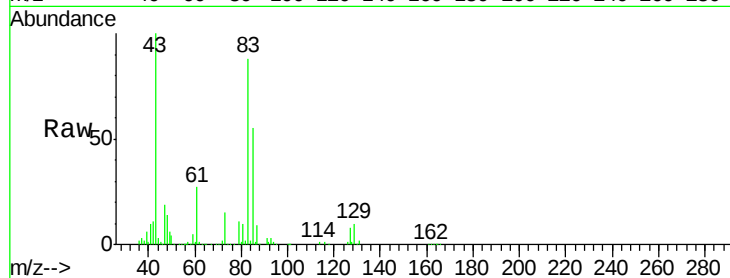
Tot Ion: 83 Resp: 146711

Ion Ratio Lower Upper

83 100

85 62.7 51.4 77.2

127 8.9 7.1 10.7



#48

Methyl methacrylate

Concen: 50.83 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

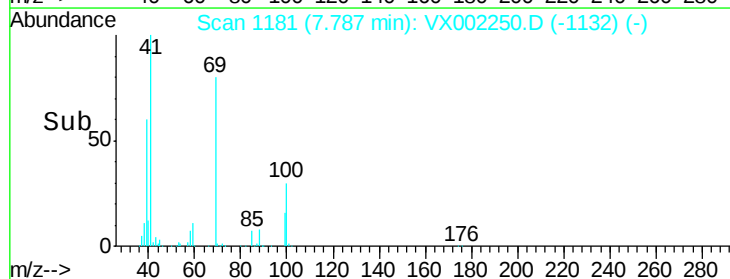
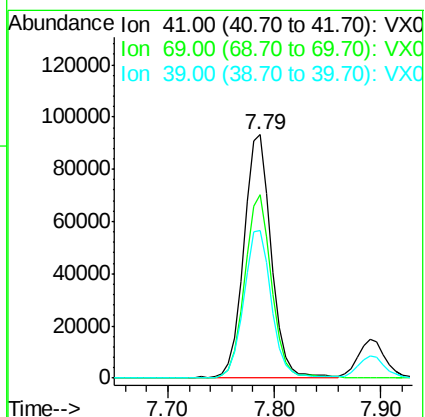
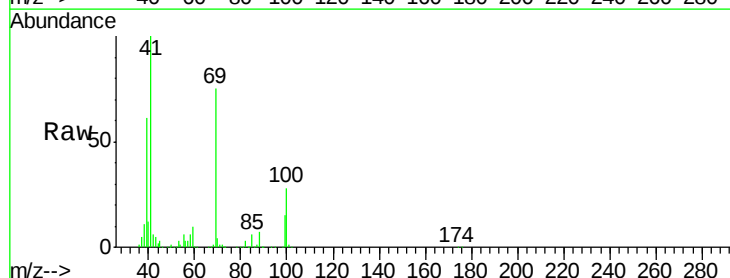
Tgt Ion: 41 Resp: 168365

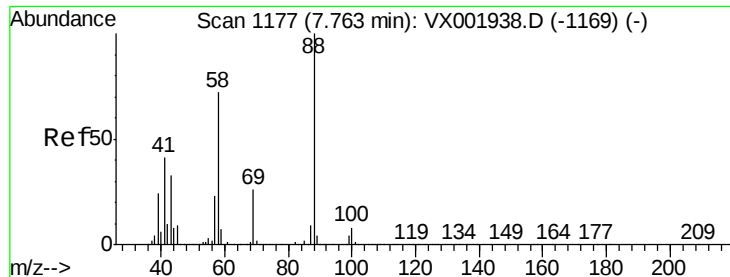
Ion Ratio Lower Upper

41 100

69 74.2 58.6 87.8

39 60.9 46.3 69.5





#49

1,4-Dioxane

Concen: 1039.22 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

LF6-0050MSD

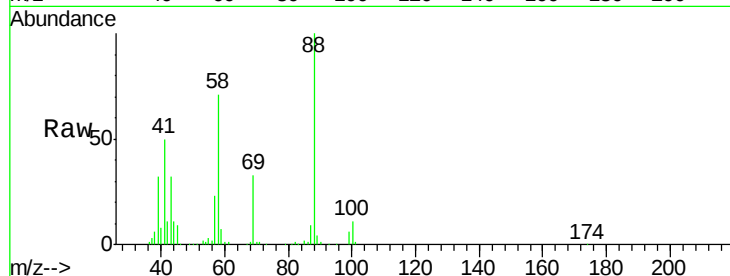
Tot Ion: 88 Resp: 60653

Ion Ratio Lower Upper

88 100

43 36.6 29.8 44.8

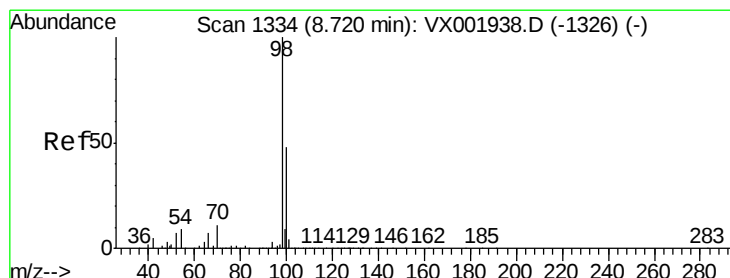
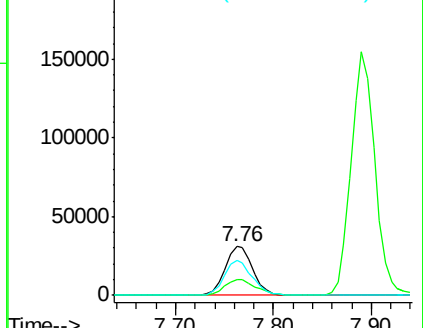
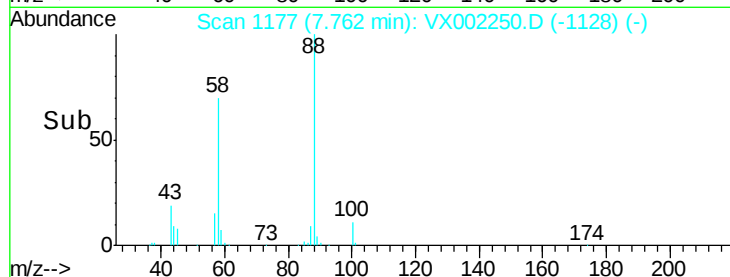
58 72.5 58.7 88.1



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: 54.71 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002250.D

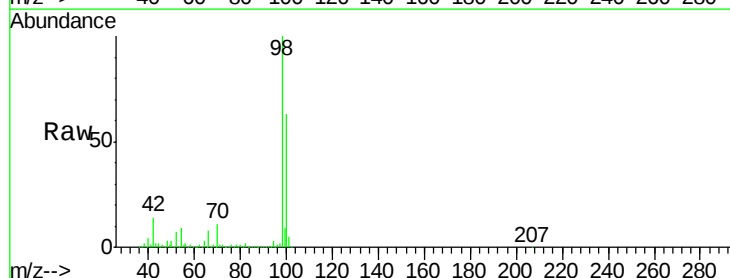
Acq: 02 Jun 2018 20:04

Tgt Ion: 98 Resp: 426570

Ion Ratio Lower Upper

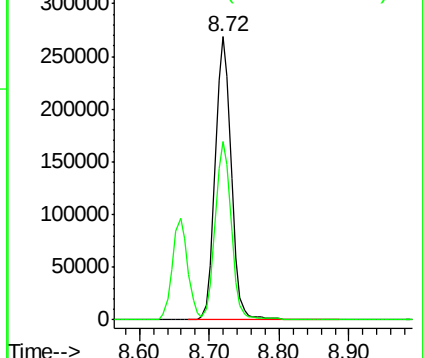
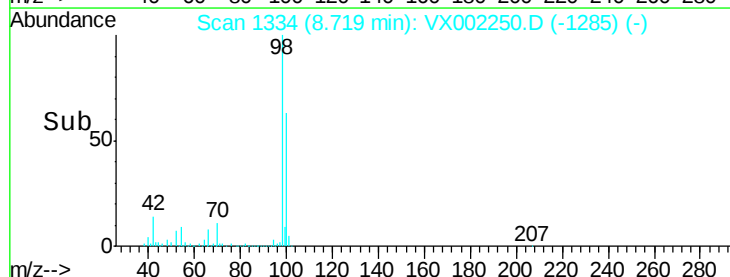
98 100

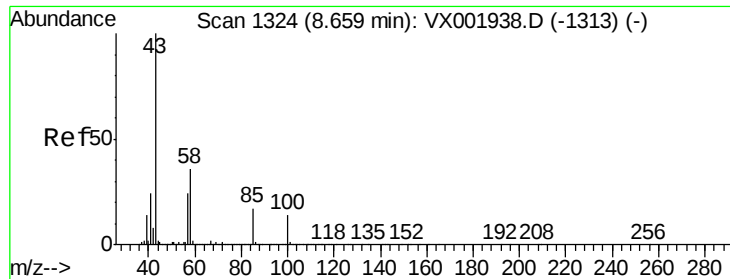
100 63.5 51.5 77.3



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: 281.44 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

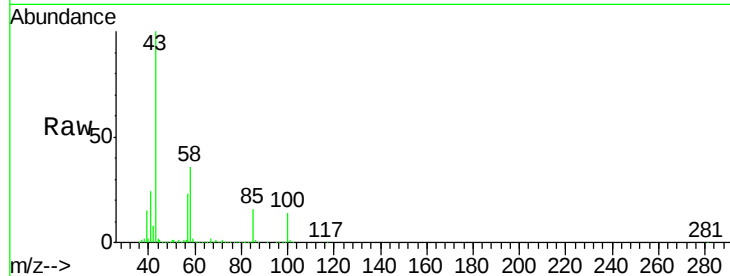
LF6-0050MSD

Tot Ion: 43 Resp: 1104017

Ion Ratio Lower Upper

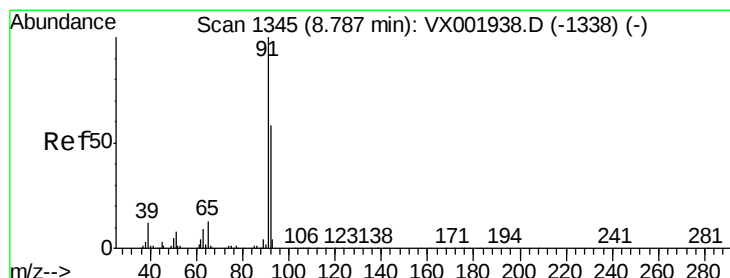
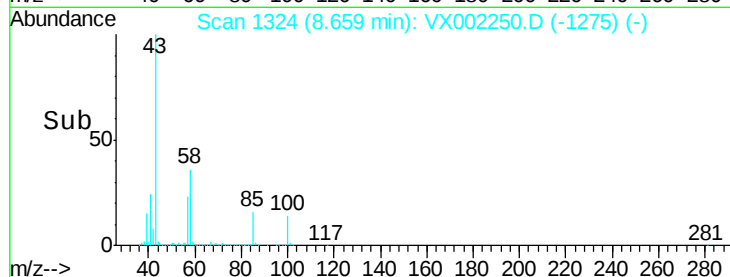
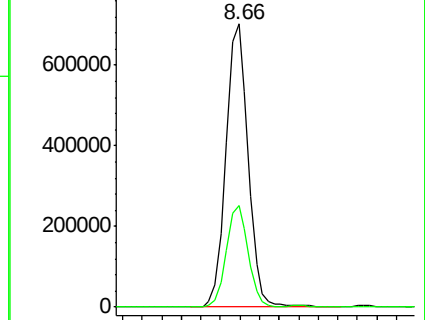
43 100

58 35.4 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.28 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002250.D

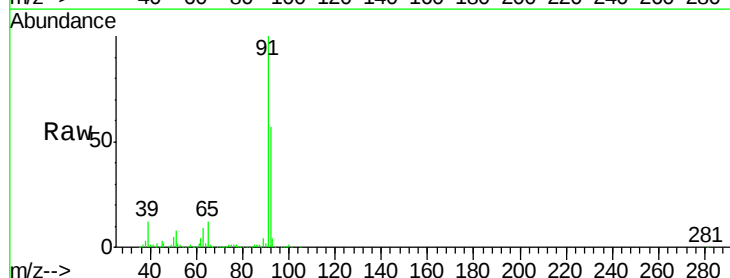
Acq: 02 Jun 2018 20:04

Tgt Ion: 92 Resp: 269651

Ion Ratio Lower Upper

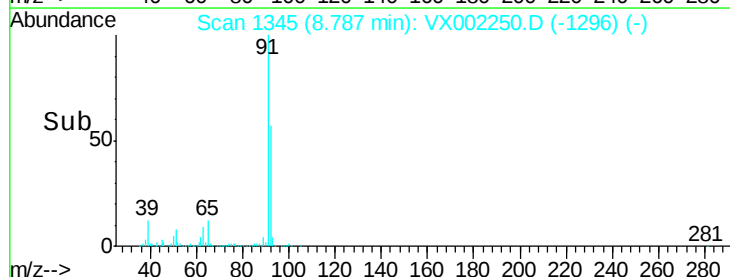
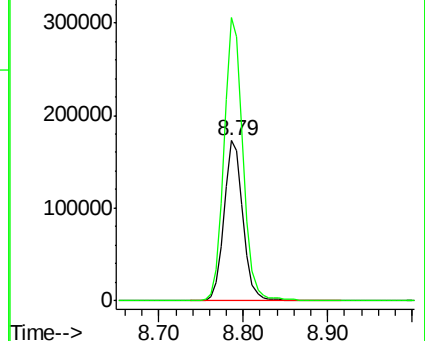
92 100

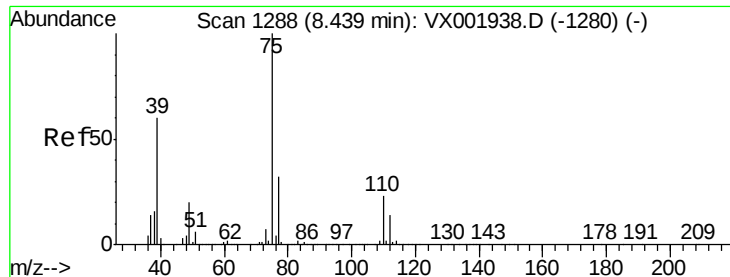
91 176.2 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

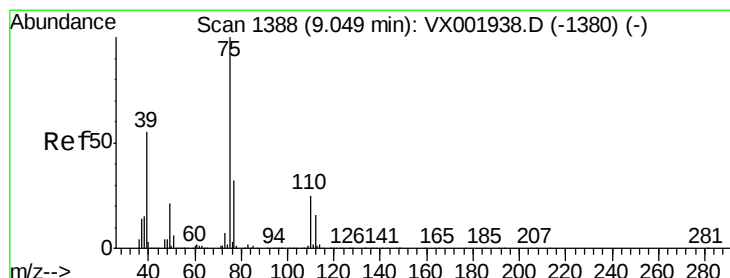
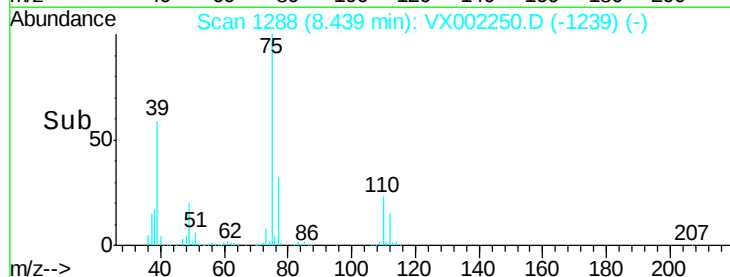
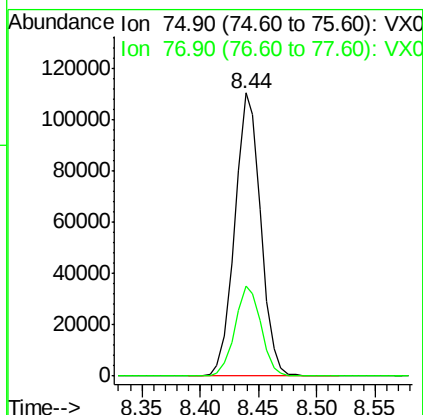
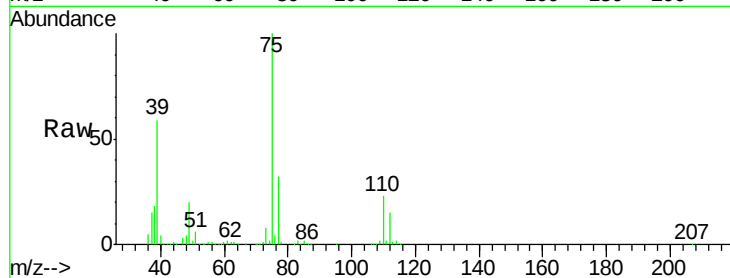




#53
t-1,3-Dichloropropene
Concen: 44.31 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

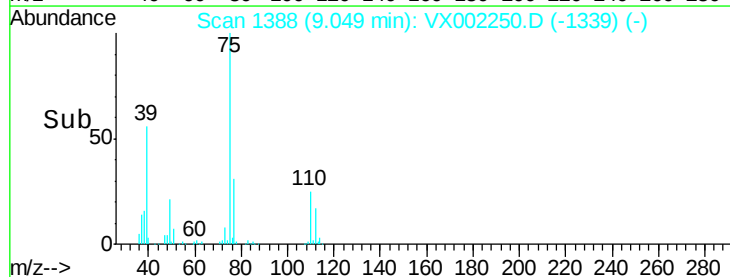
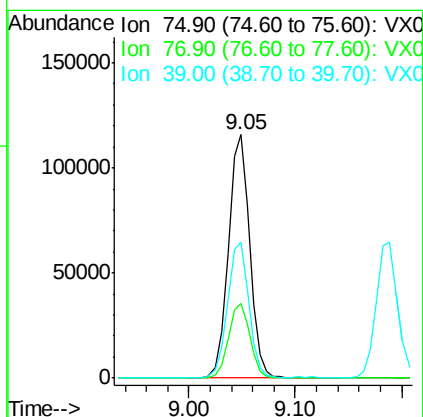
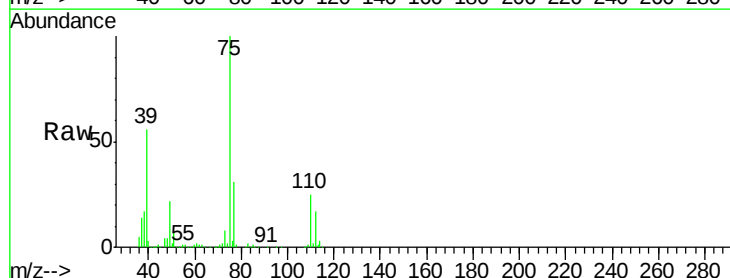
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050MSD

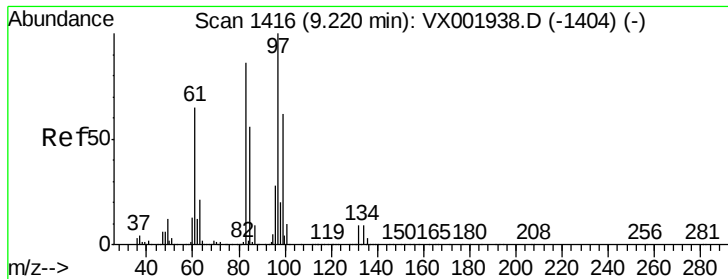
Tot Ion: 75 Resp: 171714
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 43.01 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion: 75 Resp: 162395
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0
39 55.7 44.1 66.1





#55

1,1,2-Trichloroethane

Concen: 53.51 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

LF6-0050MSD

Tot Ion: 97 Resp: 124859

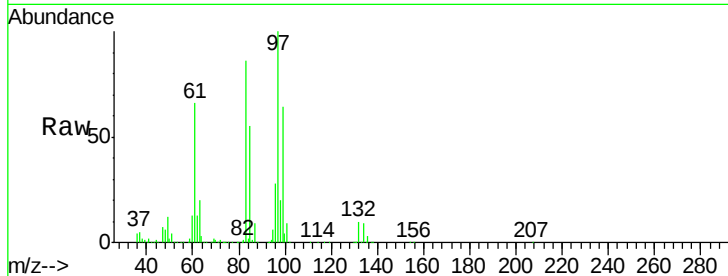
Ion Ratio Lower Upper

97 100

83 85.6 69.1 103.7

85 55.0 45.2 67.8

99 64.2 49.6 74.4

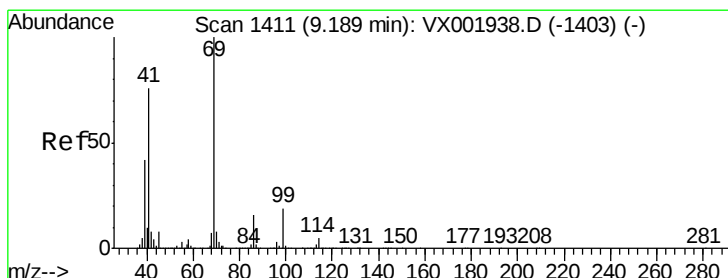
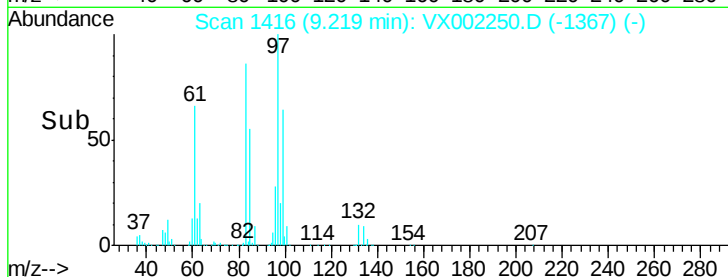
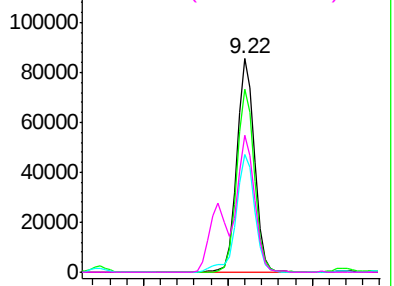


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 49.30 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

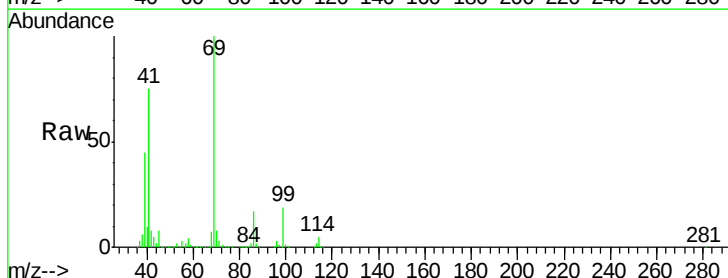
Tgt Ion: 69 Resp: 197860

Ion Ratio Lower Upper

69 100

41 76.6 61.0 91.6

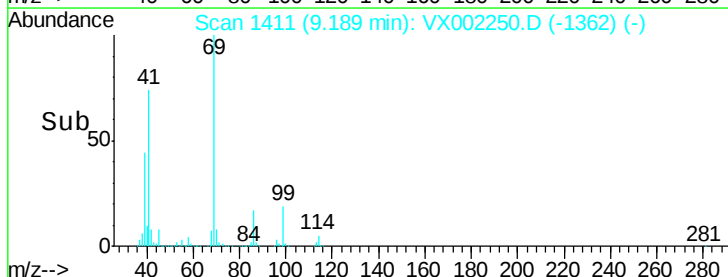
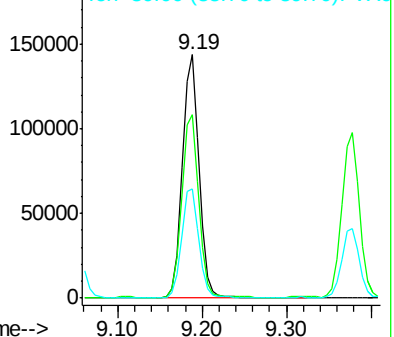
39 46.1 34.4 51.6

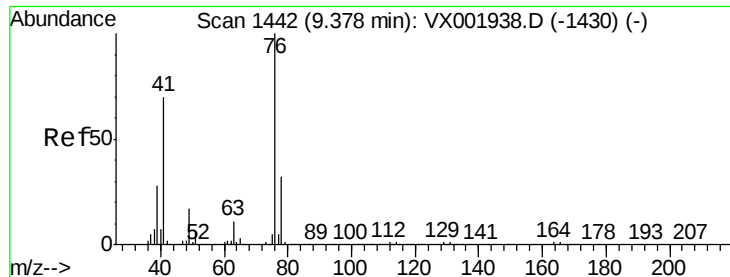


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.79 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

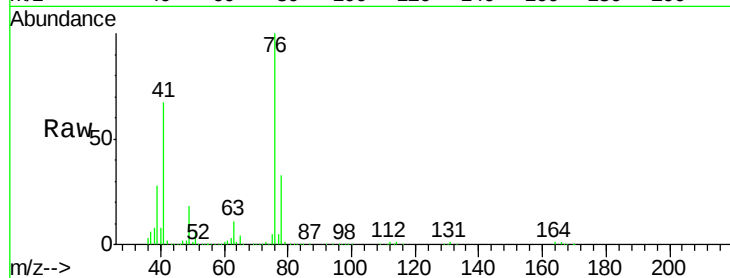
LF6-0050MSD

Tot Ion: 76 Resp: 206768

Ion Ratio Lower Upper

76 100

78 32.4 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

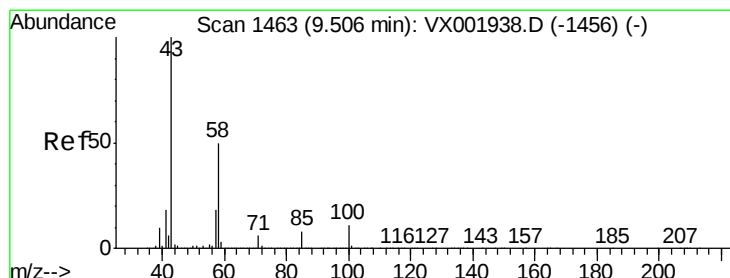
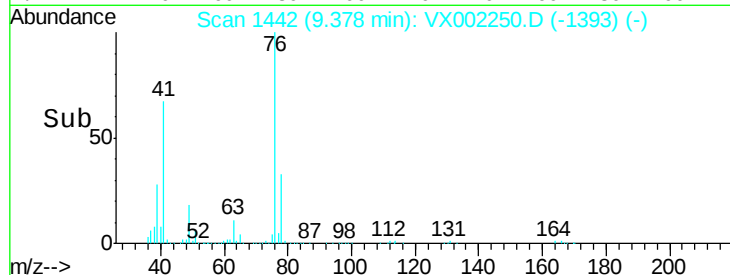
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 279.37 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. -0.00 min

Lab File: VX002250.D

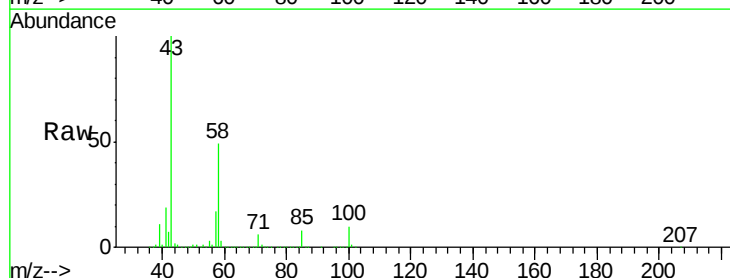
Acq: 02 Jun 2018 20:04

Tgt Ion: 43 Resp: 845021

Ion Ratio Lower Upper

43 100

58 49.4 24.9 74.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.51

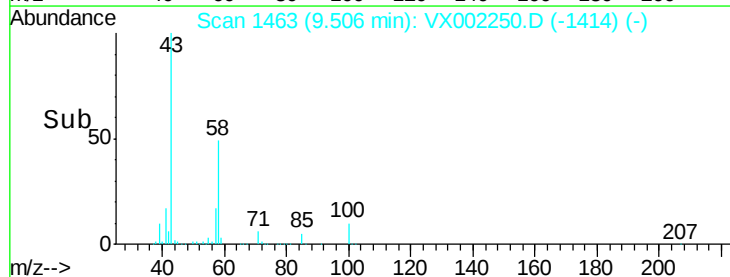
600000

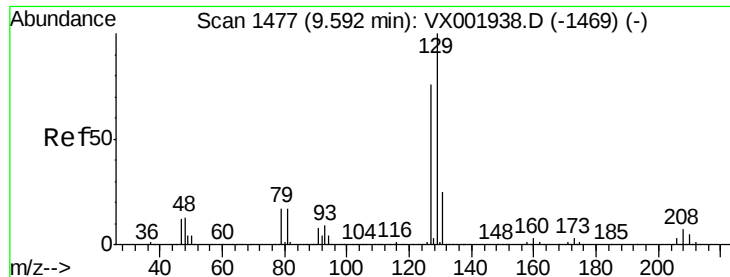
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 44.38 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.01 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

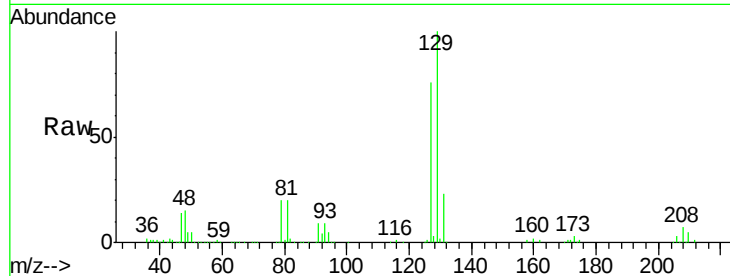
LF6-0050MSD

Tot Ion:129 Resp: 122653

Ion Ratio Lower Upper

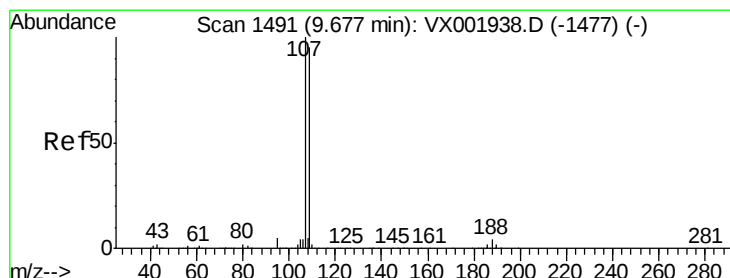
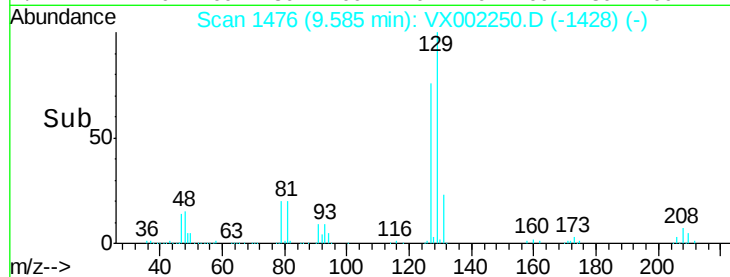
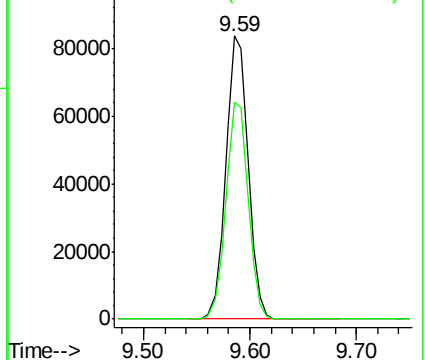
129 100

127 76.9 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: 53.76 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002250.D

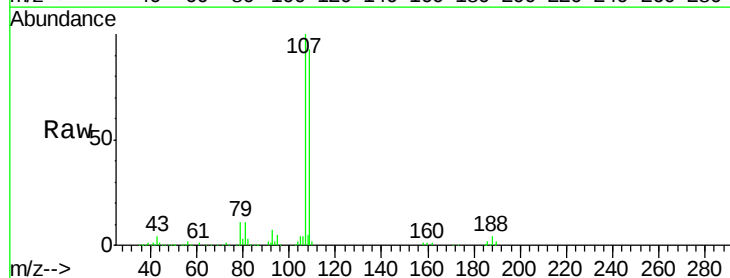
Acq: 02 Jun 2018 20:04

Tgt Ion:107 Resp: 131618

Ion Ratio Lower Upper

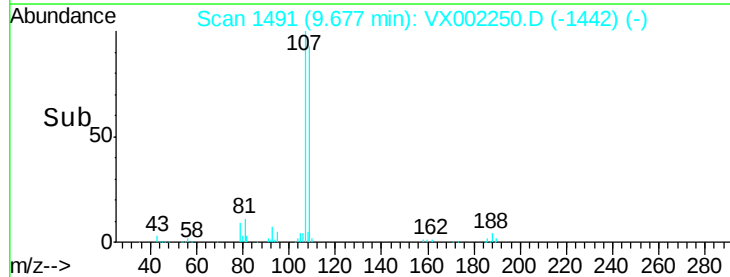
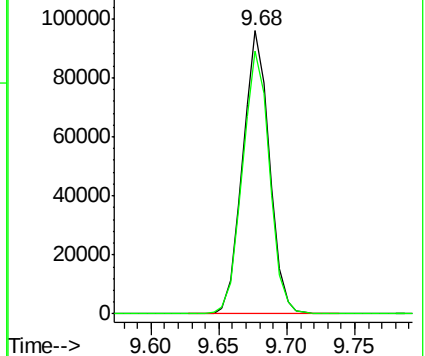
107 100

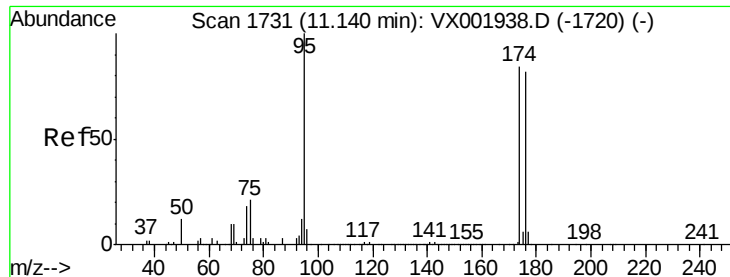
109 94.0 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

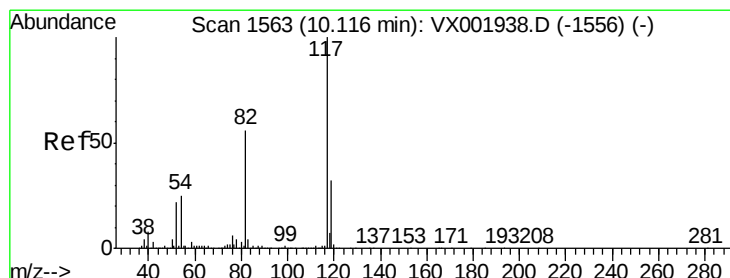
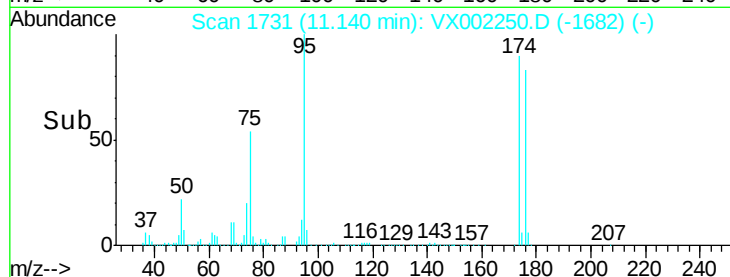
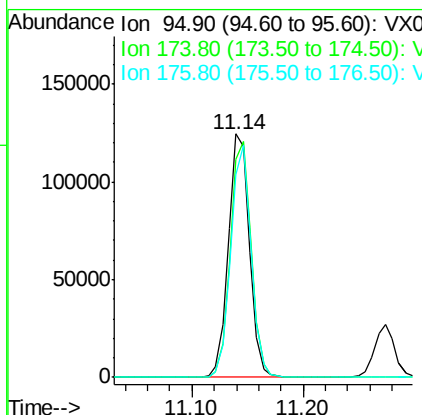
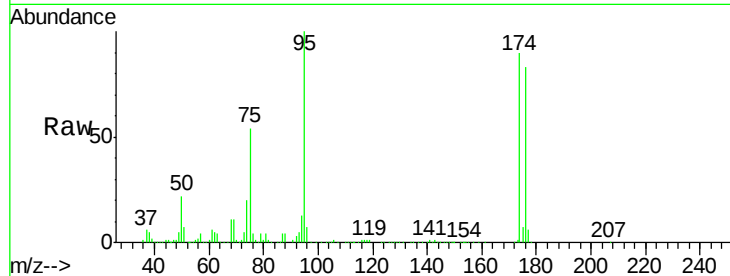




#62
4-Bromofluorobenzene
Concen: 53.23 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

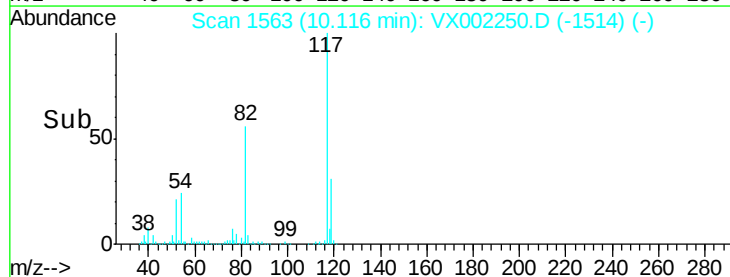
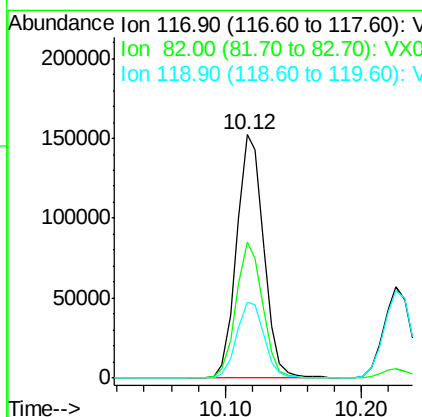
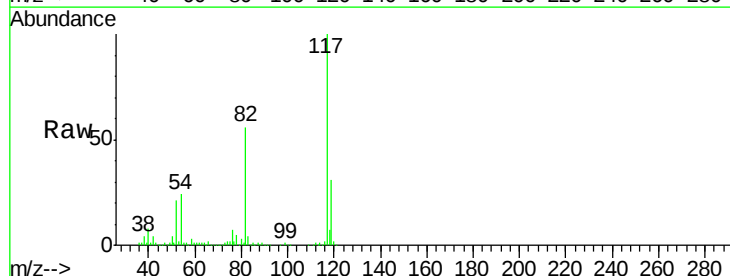
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050MSD

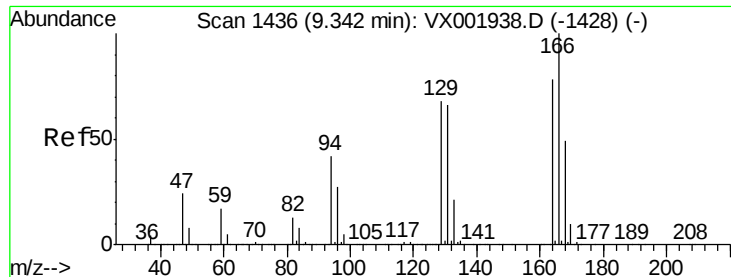
Tot Ion: 95 Resp: 162379
Ion Ratio Lower Upper
95 100
174 96.1 0.0 178.8
176 92.3 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion: 117 Resp: 210462
Ion Ratio Lower Upper
117 100
82 55.9 44.8 67.2
119 31.2 25.5 38.3





#64

Tetrachloroethene

Concen: 39.35 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

LF6-0050MSD

Tot Ion:164 Resp: 118729

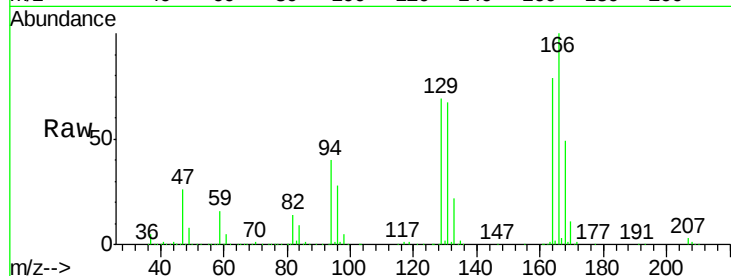
Ion Ratio Lower Upper

164 100

166 125.8 102.7 154.1

129 86.9 70.3 105.5

131 84.3 68.2 102.4

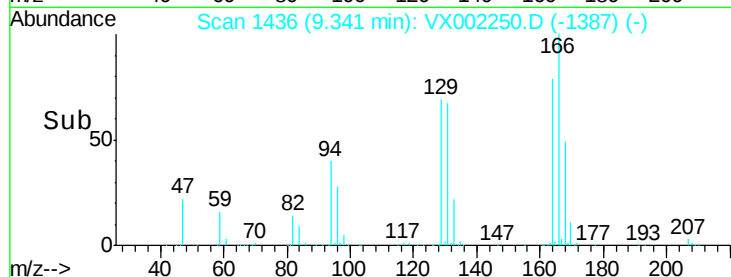


Abundance Ion 163.80 (163.50 to 164.50): V

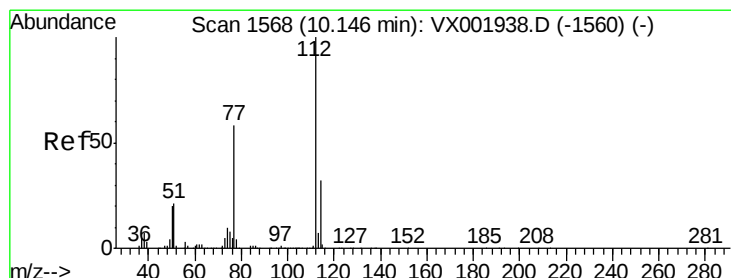
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time--> 9.30 9.40 9.50



#65

Chlorobenzene

Concen: 53.12 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002250.D

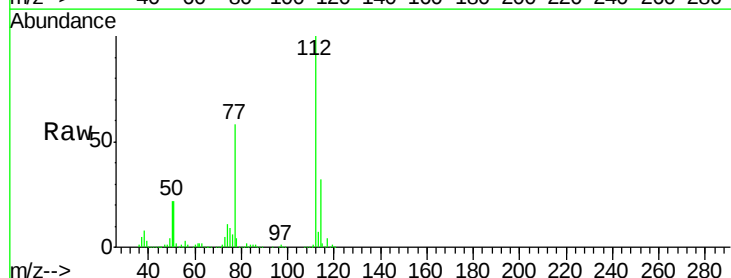
Acq: 02 Jun 2018 20:04

Tgt Ion:112 Resp: 354236

Ion Ratio Lower Upper

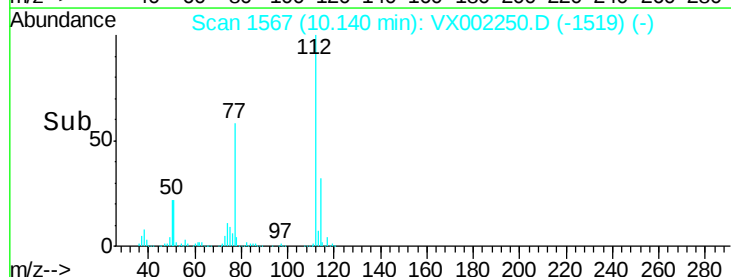
112 100

114 32.3 25.9 38.9

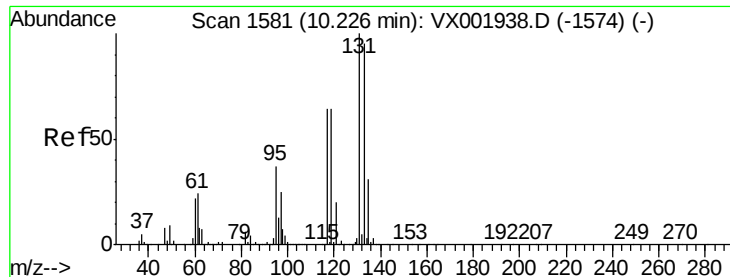


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time--> 10.00 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 45.35 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

LF6-0050MSD

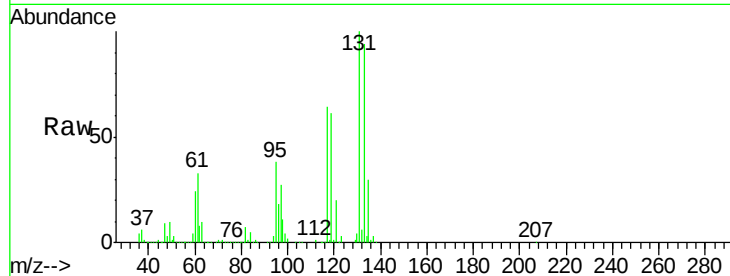
Tot Ion:131 Resp: 122108

Ion Ratio Lower Upper

131 100

133 94.8 48.0 144.0

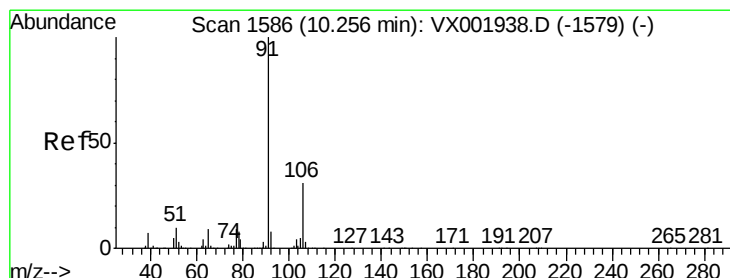
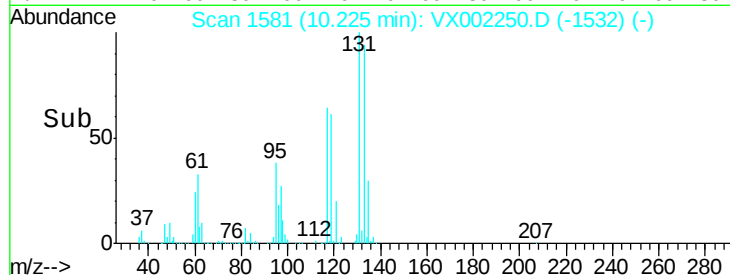
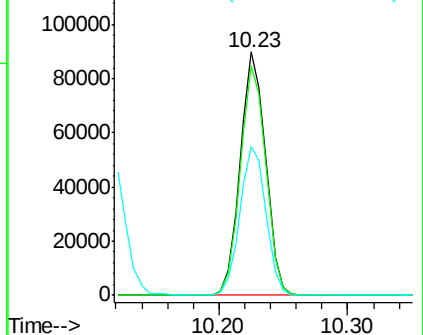
119 62.8 31.9 95.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 46.45 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002250.D

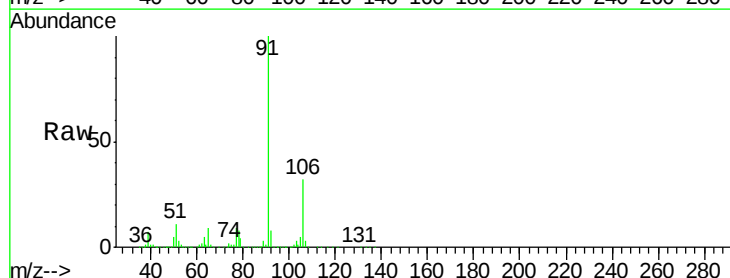
Acq: 02 Jun 2018 20:04

Tgt Ion: 91 Resp: 538176

Ion Ratio Lower Upper

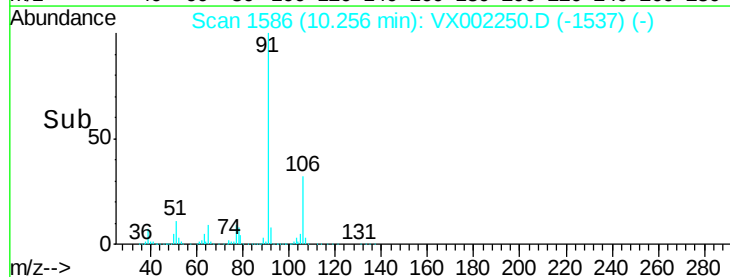
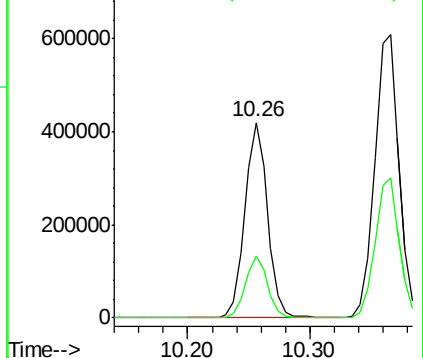
91 100

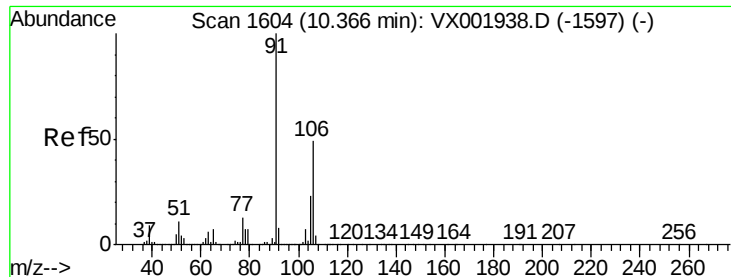
106 31.5 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

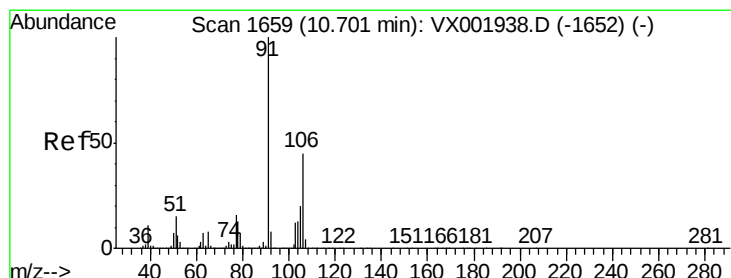
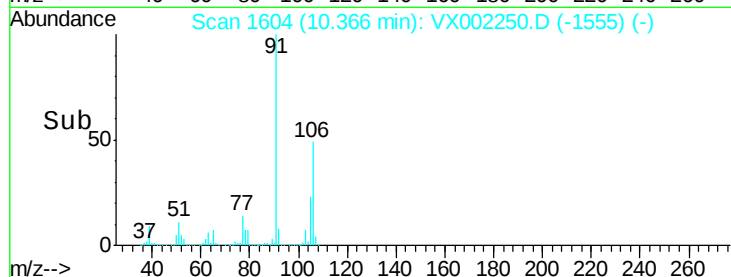
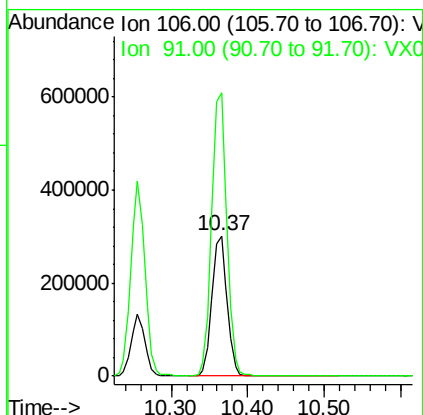
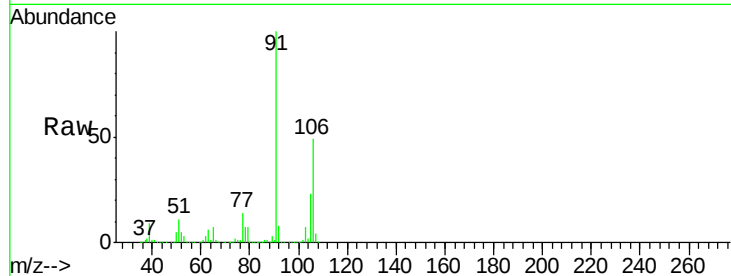




#68
m/p-Xylenes
Concen: 93.66 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

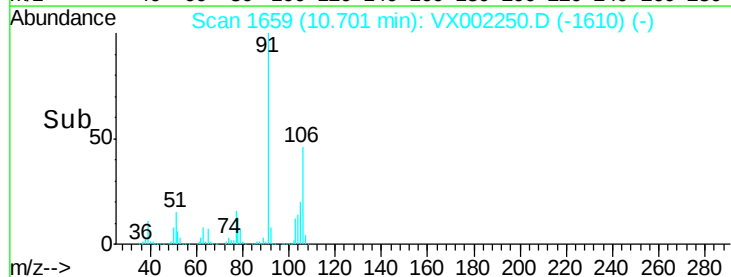
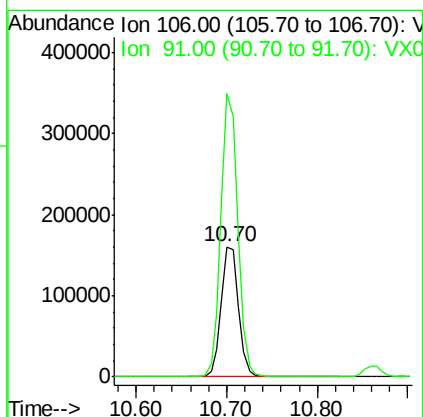
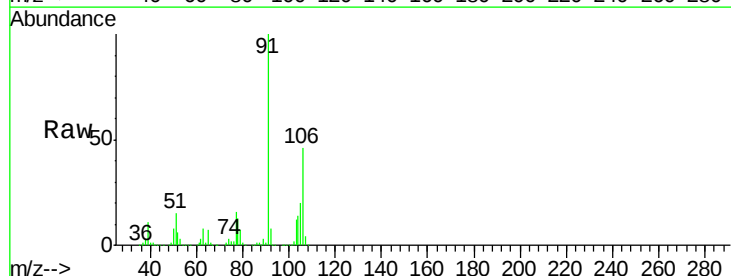
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050MSD

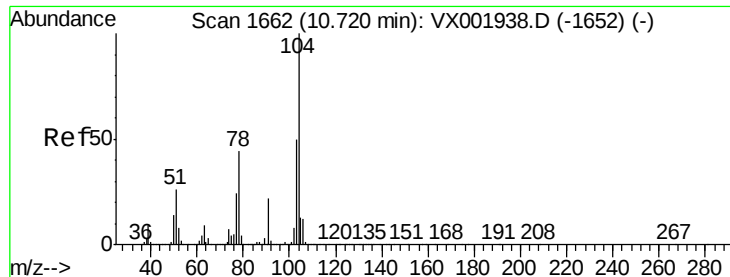
Tot Ion:106 Resp: 414771
Ion Ratio Lower Upper
106 100
91 202.8 165.0 247.6



#69
o-Xylene
Concen: 48.60 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion:106 Resp: 214886
Ion Ratio Lower Upper
106 100
91 212.8 108.7 325.9

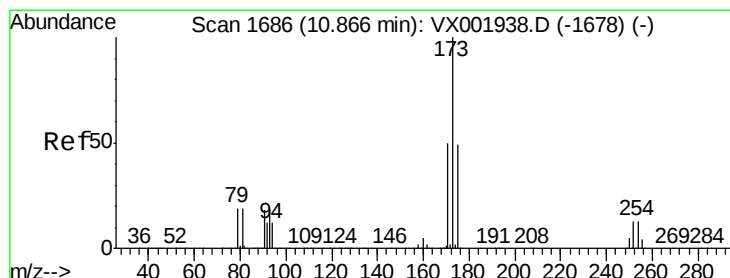
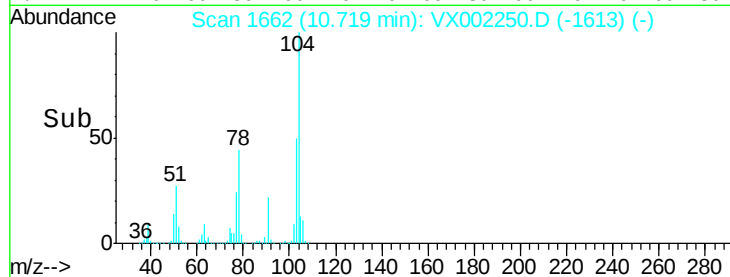
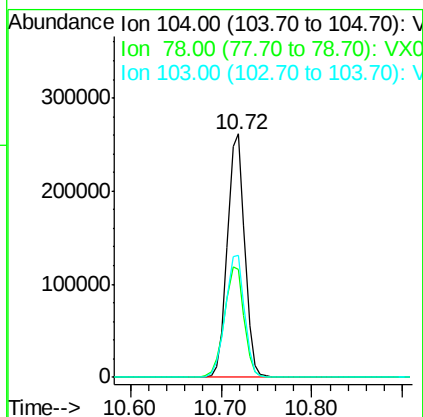
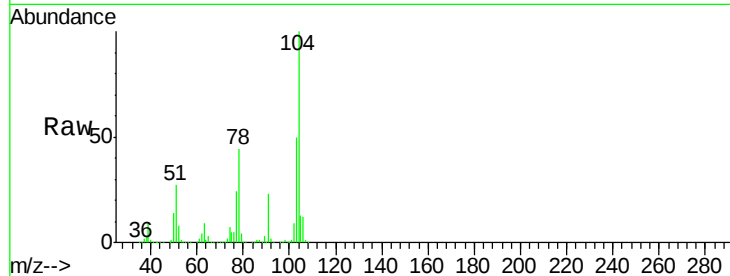




#70
Stvrene
Concen: 47.58 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

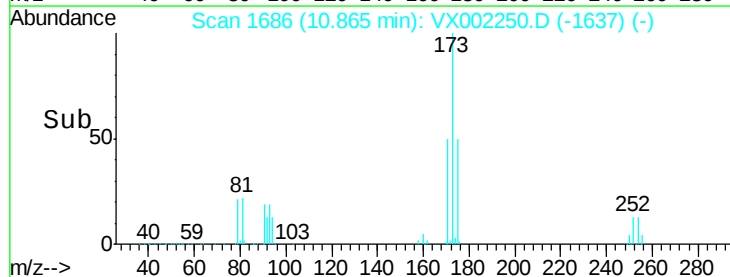
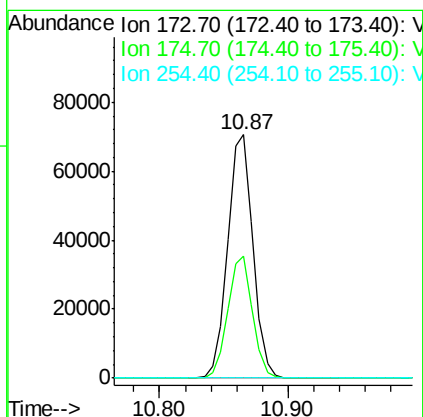
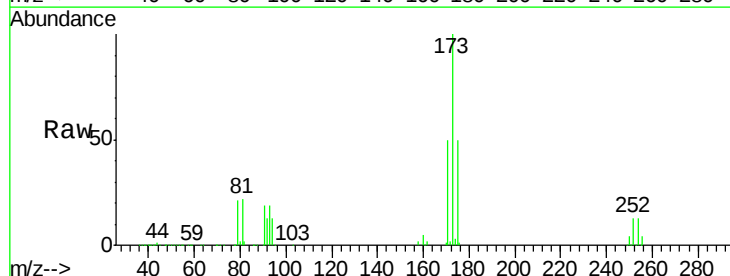
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050MSD

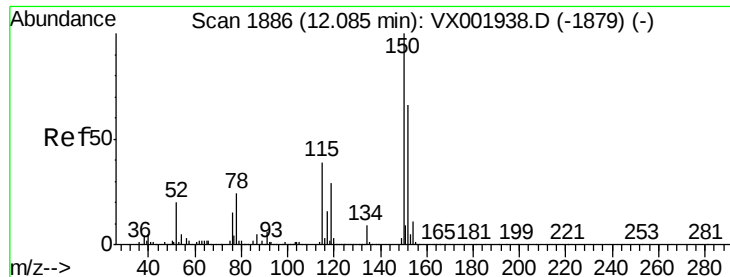
Tot Ion	Ratio	Lower	Upper
104	100		
78	51.2	41.8	62.6
103	55.5	44.6	67.0



#71
Bromoform
Concen: 37.97 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.3	72.9
254	0.2	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

LF6-0050MSD

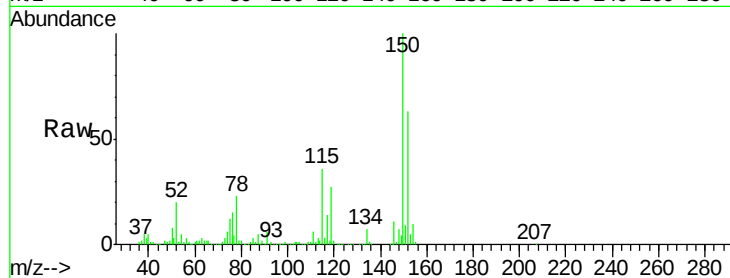
Tot Ion:152 Resp: 139100

Ion Ratio Lower Upper

152 100

115 79.9 42.3 126.8

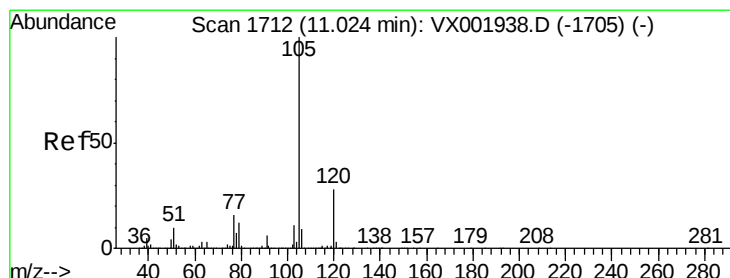
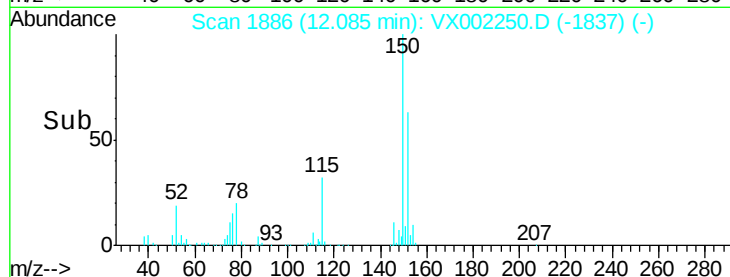
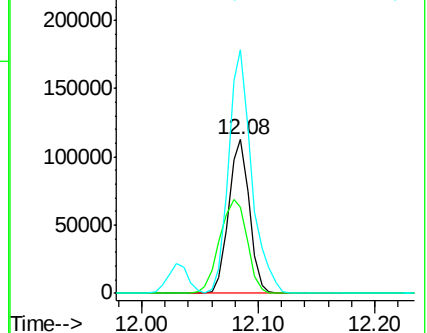
150 176.4 0.0 351.0



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: 45.61 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002250.D

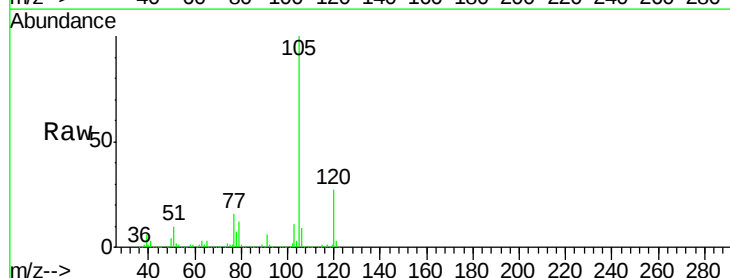
Acq: 02 Jun 2018 20:04

Tgt Ion:105 Resp: 537231

Ion Ratio Lower Upper

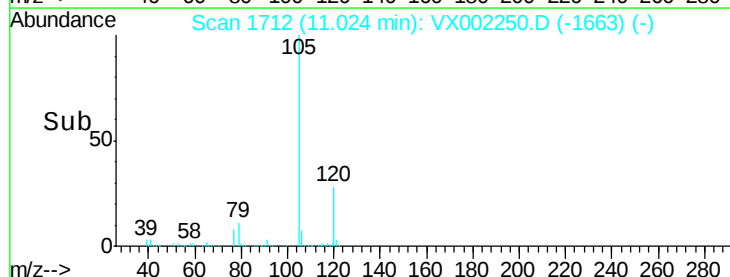
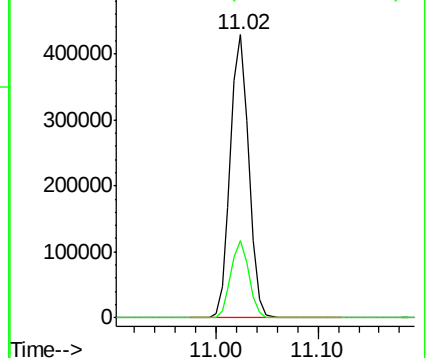
105 100

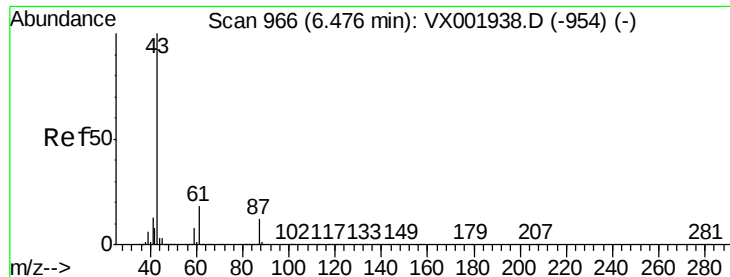
120 26.8 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 52.60 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

LF6-0050MSD

Tot Ion: 43 Resp: 320437

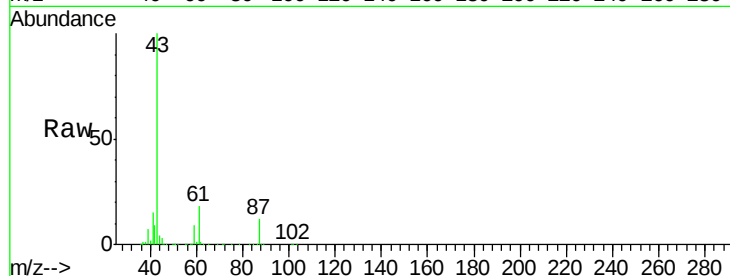
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.2 0.1 0.1#

61 18.1 14.5 21.7

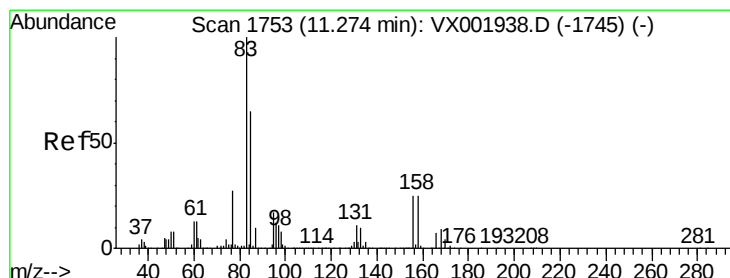
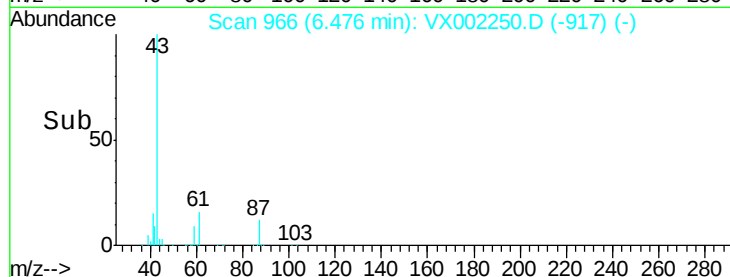
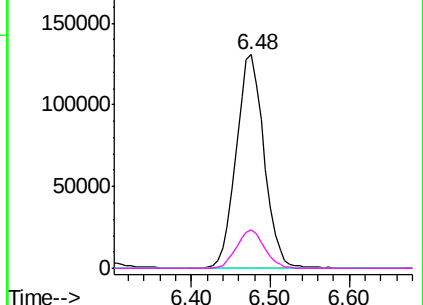


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 61.75 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

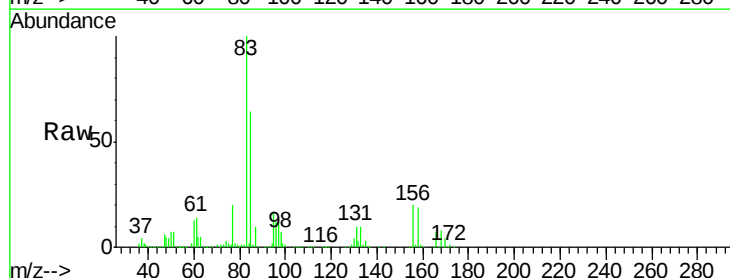
Tgt Ion: 83 Resp: 197977

Ion Ratio Lower Upper

83 100

131 10.7 5.7 17.0

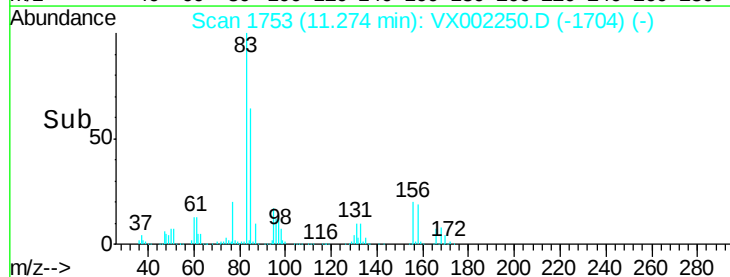
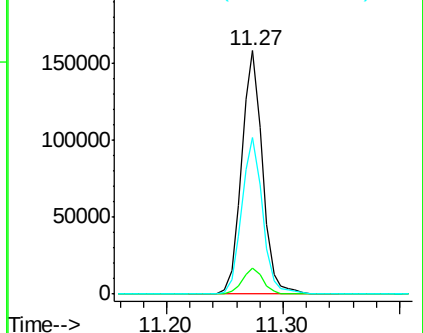
85 64.6 32.6 97.7

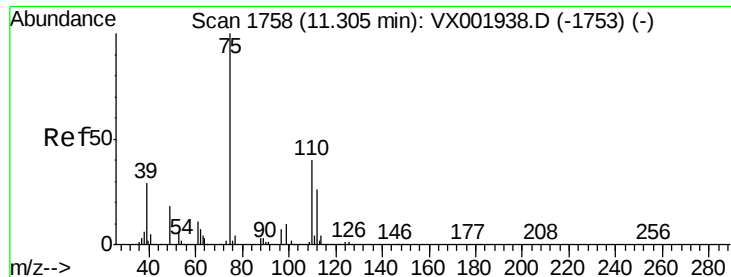


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

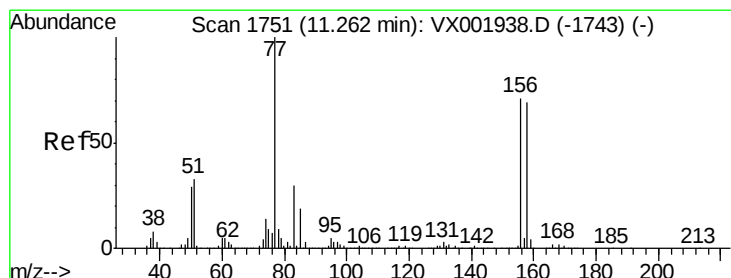
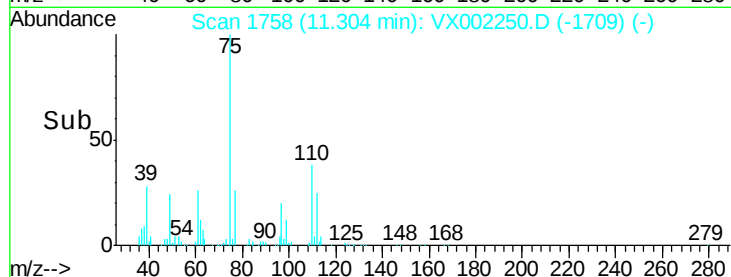
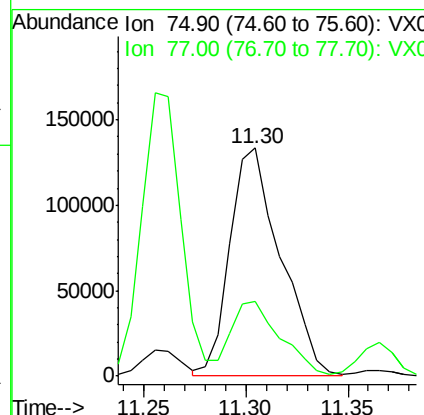
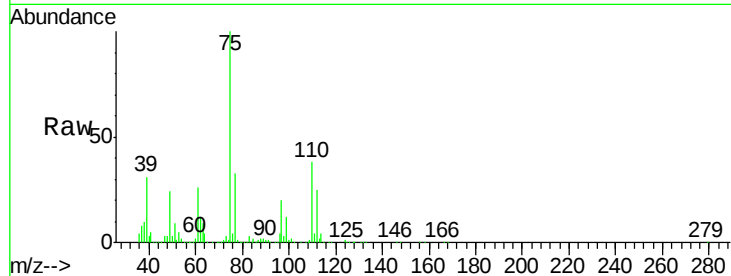




#76
 1,2,3-Trichloropropane
 Concen: 68.77 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX002250.D
 Acq: 02 Jun 2018 20:04

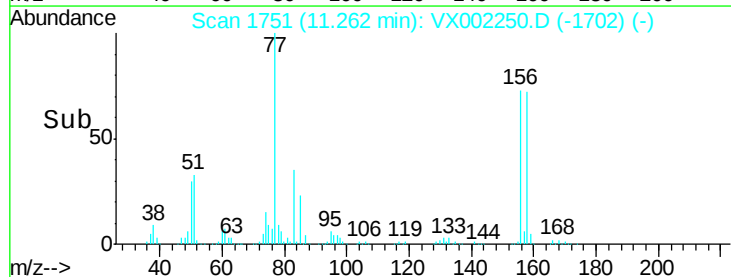
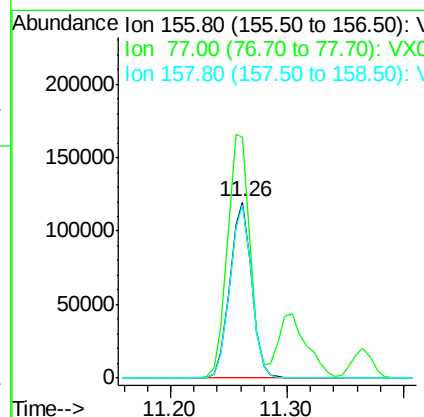
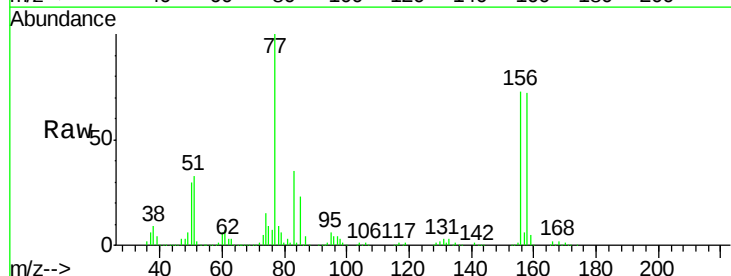
Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0050MSD

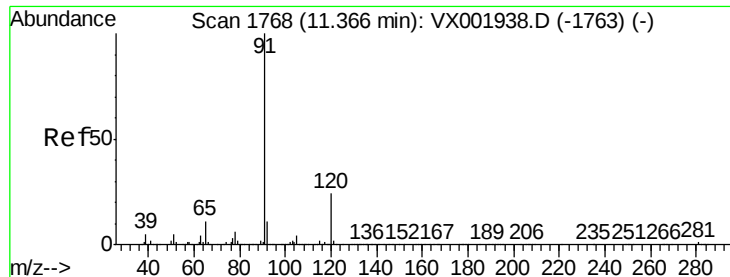
Tot Ion: 75 Resp: 229778
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.8 68.3



#77
 Bromobenzene
 Concen: 49.61 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: VX002250.D
 Acq: 02 Jun 2018 20:04

Tgt Ion: 156 Resp: 155036
 Ion Ratio Lower Upper
 156 100
 77 142.3 75.2 225.6
 158 98.1 48.6 145.8





#78

n-propylbenzene

Concen: 43.87 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampled :

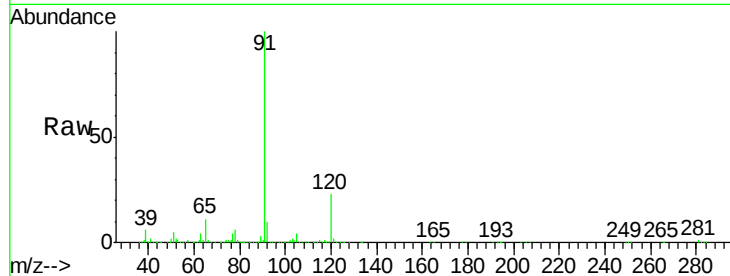
LF6-0050MSD

Tot Ion: 91 Resp: 578694

Ion Ratio Lower Upper

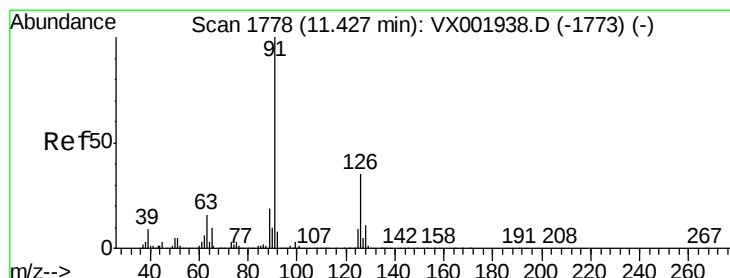
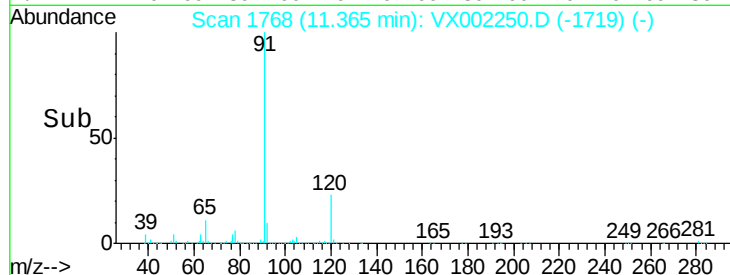
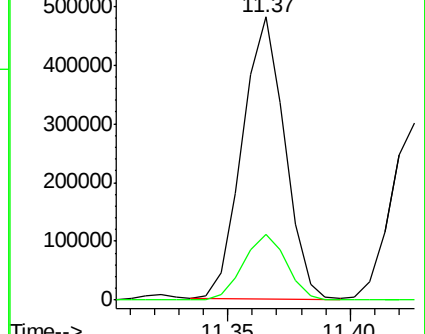
91 100

120 23.8 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 51.46 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002250.D

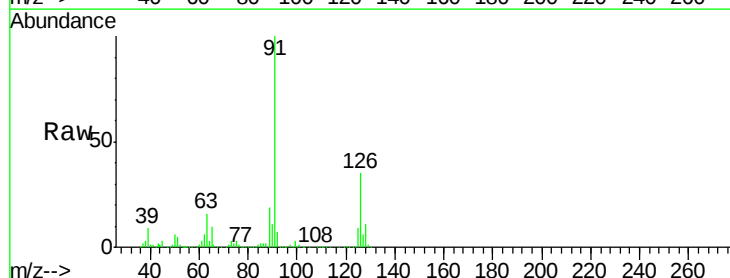
Acq: 02 Jun 2018 20:04

Tgt Ion: 91 Resp: 371904

Ion Ratio Lower Upper

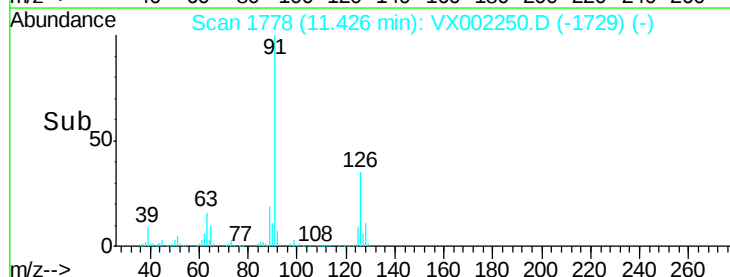
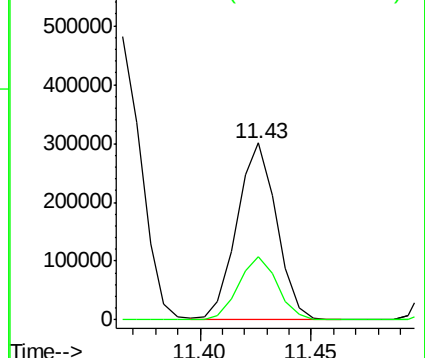
91 100

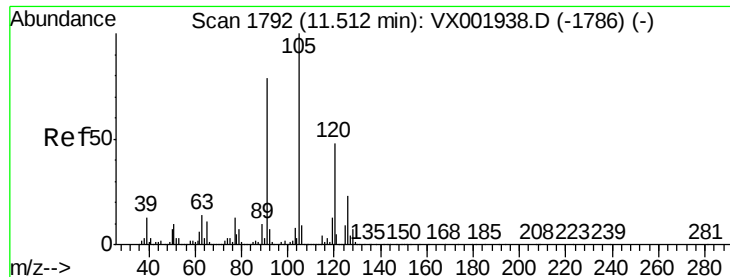
126 35.4 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 45.17 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

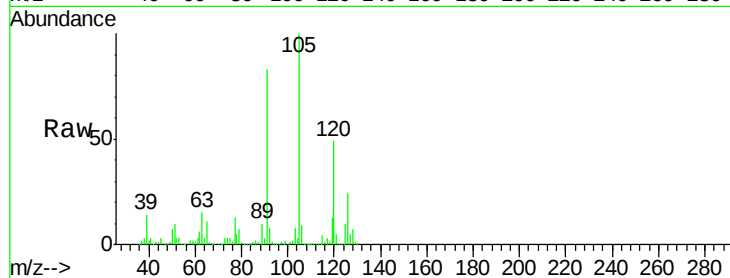
LF6-0050MSD

Tot Ion:105 Resp: 454648

Ion Ratio Lower Upper

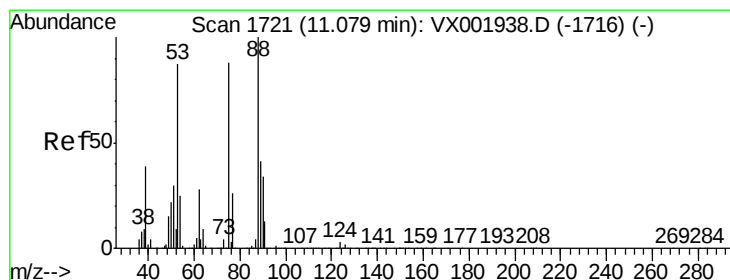
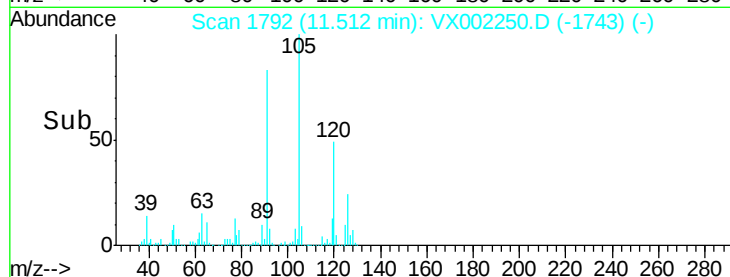
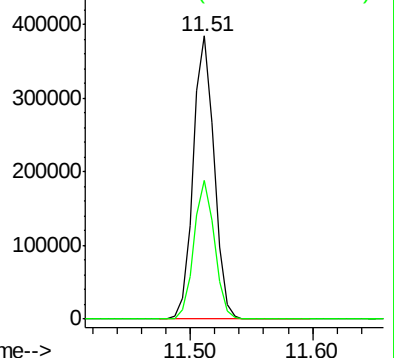
105 100

120 48.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 35.09 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

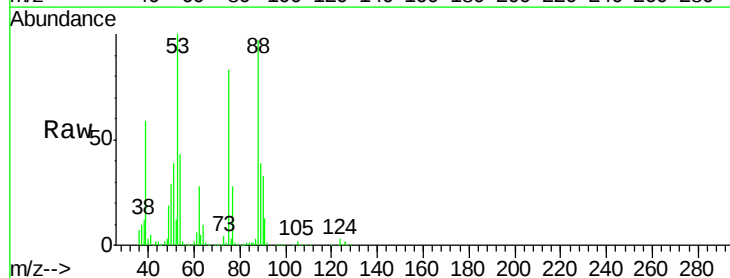
Tgt Ion: 75 Resp: 48782

Ion Ratio Lower Upper

75 100

53 119.2 78.0 117.0#

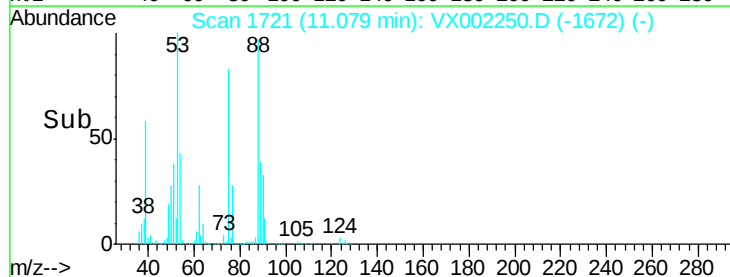
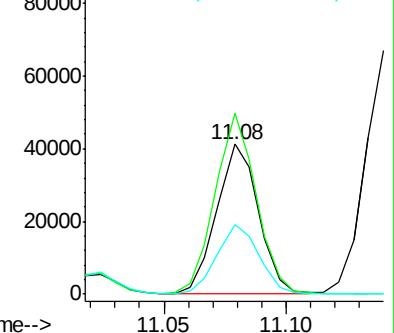
89 47.6 39.4 59.2

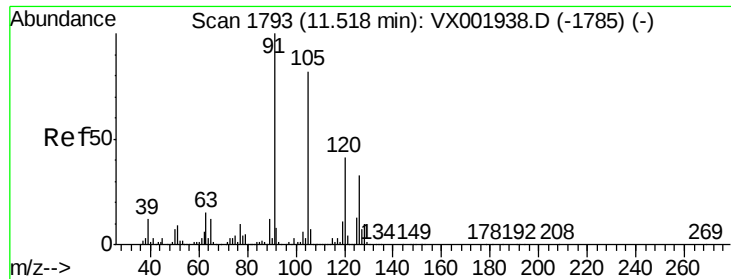


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

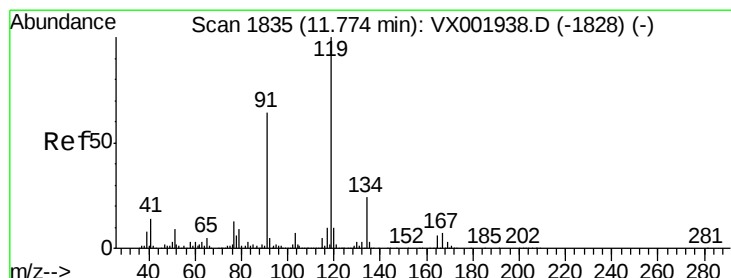
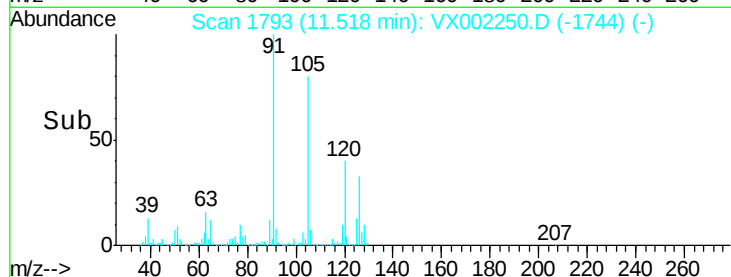
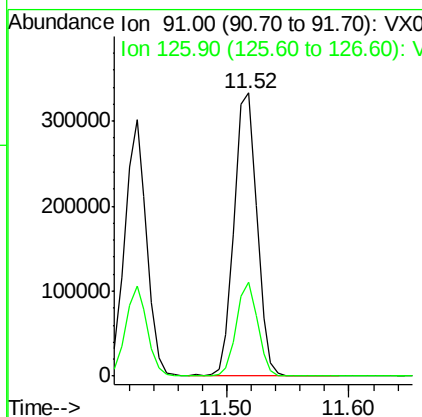
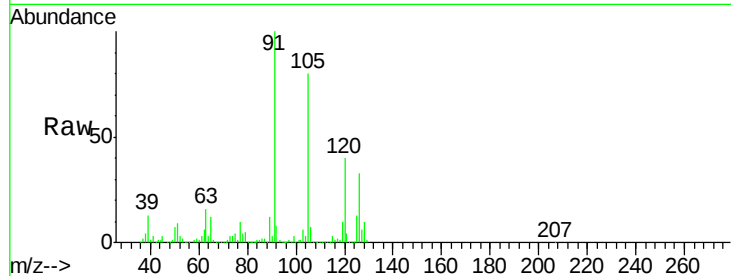




#82
4-Chlorotoluene
Concen: 45.94 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

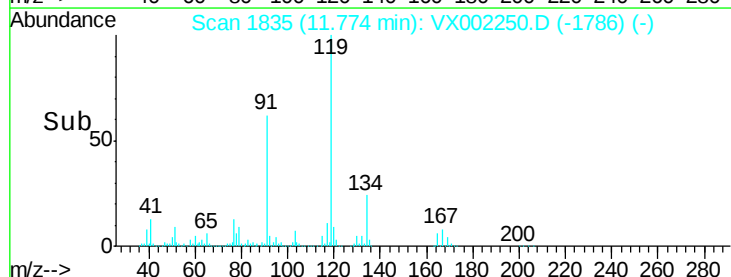
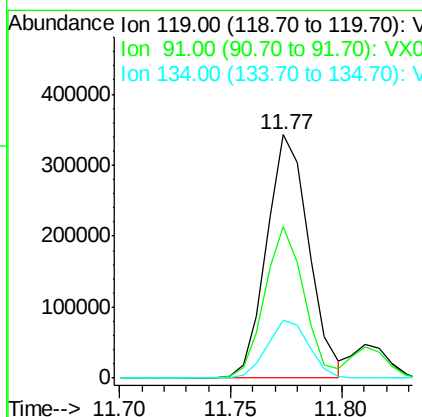
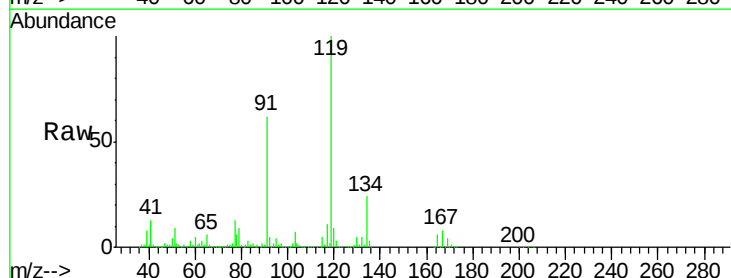
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050MSD

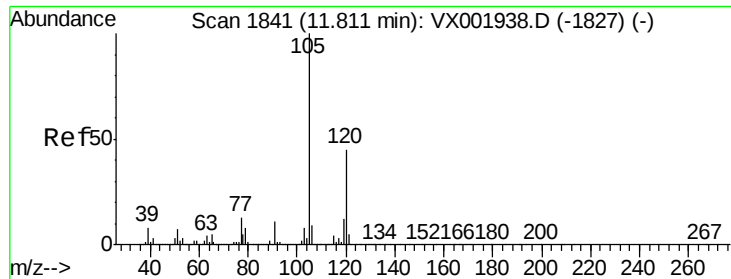
Tot Ion: 91 Resp: 427470
Ion Ratio Lower Upper
91 100
126 31.2 15.3 45.8



#83
tert-Butylbenzene
Concen: 45.54 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion: 119 Resp: 449874
Ion Ratio Lower Upper
119 100
91 58.6 30.6 91.8
134 23.6 11.7 35.0

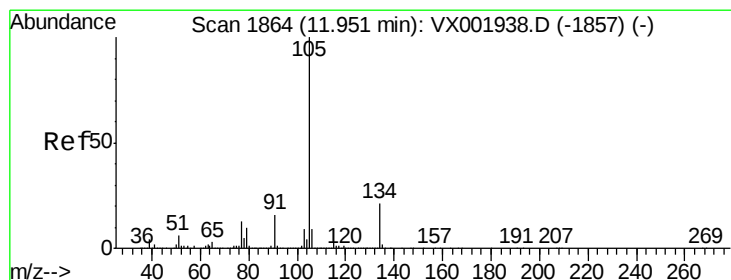
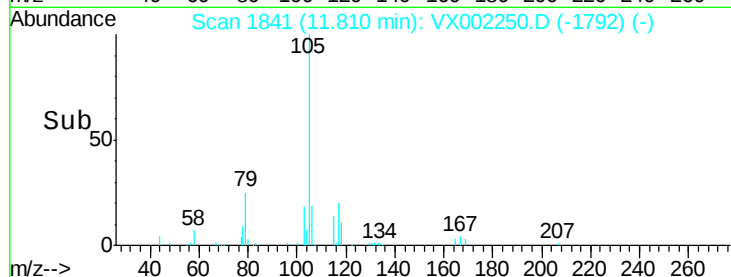
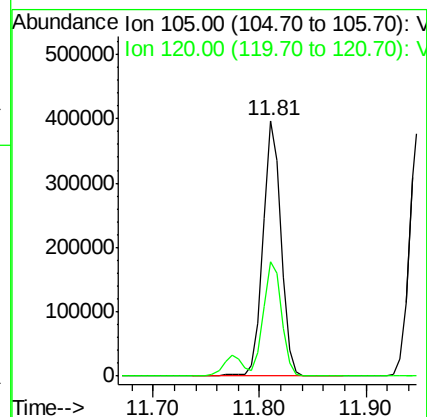
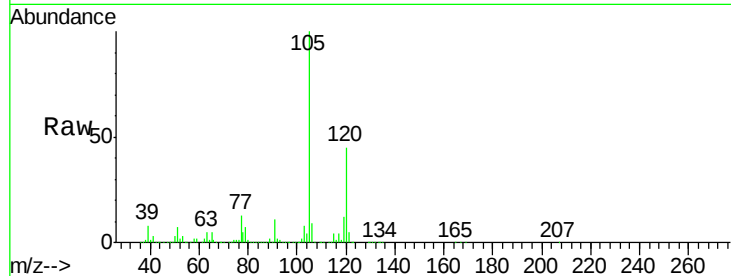




#84
 1,2,4-Trimethylbenzene
 Concen: 45.53 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002250.D
 Acq: 02 Jun 2018 20:04

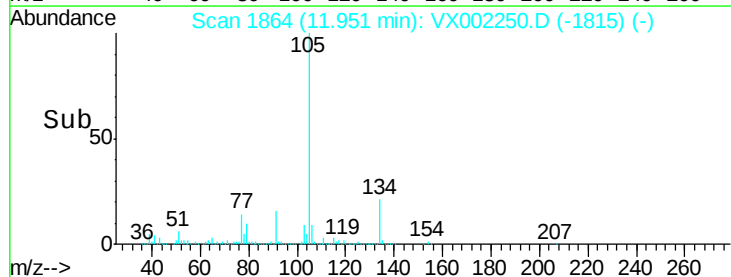
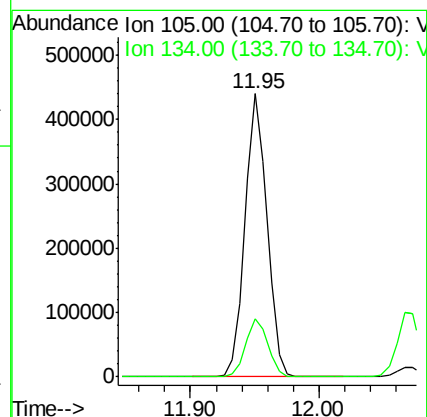
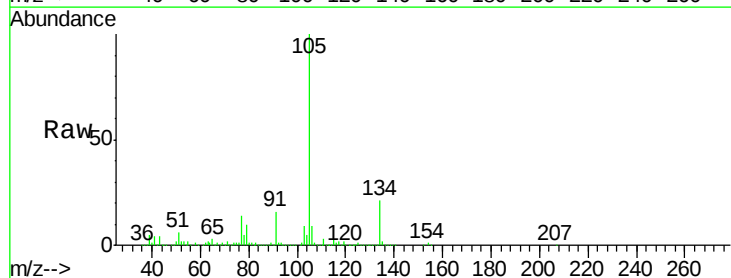
Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0050MSD

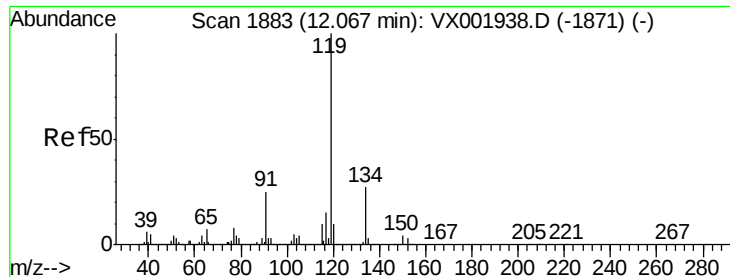
Tot Ion:105 Resp: 473591
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 43.60 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002250.D
 Acq: 02 Jun 2018 20:04

Tgt Ion:105 Resp: 517753
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.4





#86

p-Isopropyltoluene

Concen: 43.87 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampled :

LF6-0050MSD

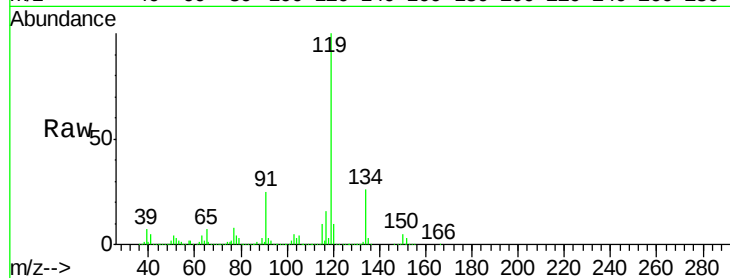
Tot Ion:119 Resp: 466180

Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.8

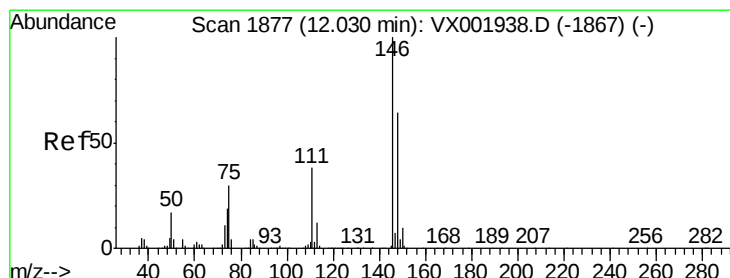
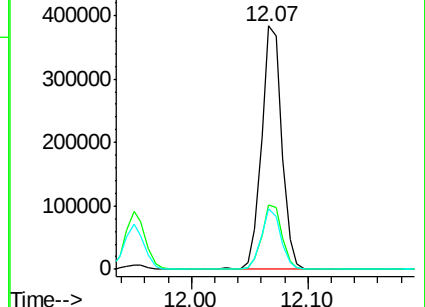
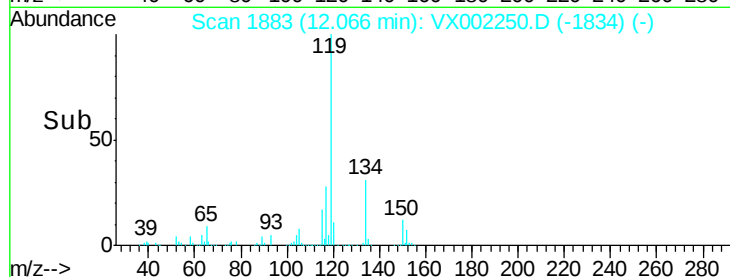
91 24.1 12.2 36.4



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



#87

1,3-Dichlorobenzene

Concen: 47.07 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

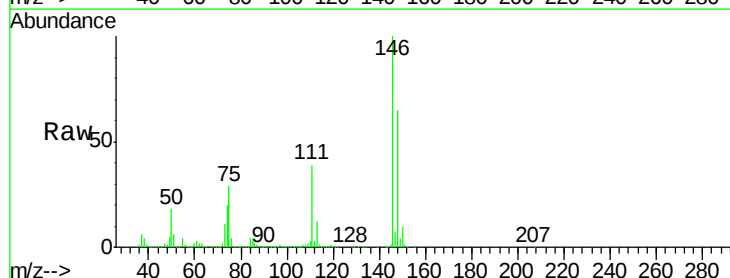
Tgt Ion:146 Resp: 263442

Ion Ratio Lower Upper

146 100

111 37.5 19.3 57.8

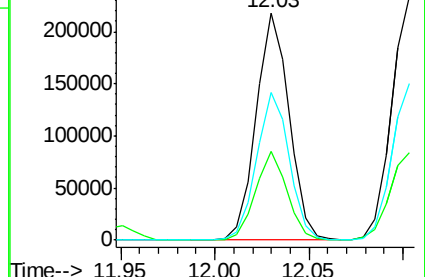
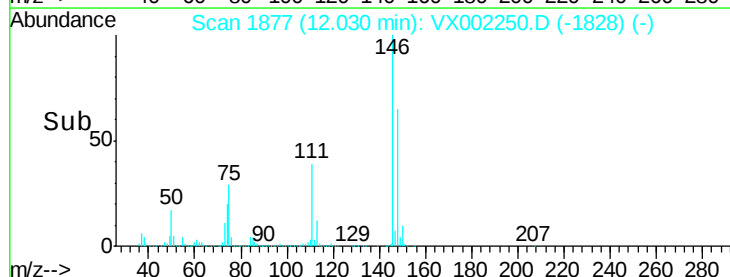
148 64.6 32.1 96.3

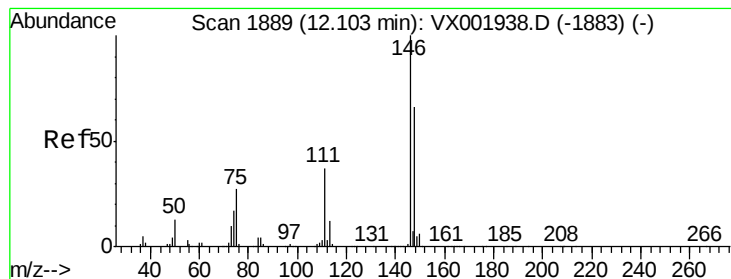


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 50.25 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

LF6-0050MSD

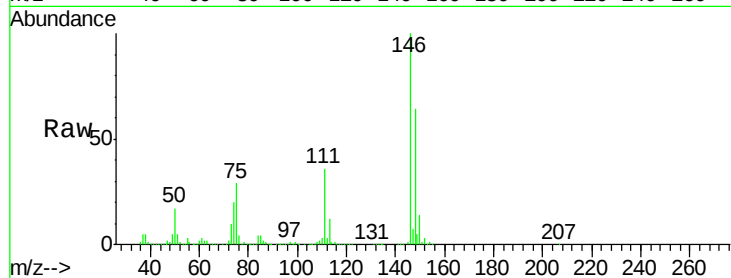
Tot Ion:146 Resp: 281191

Ion Ratio Lower Upper

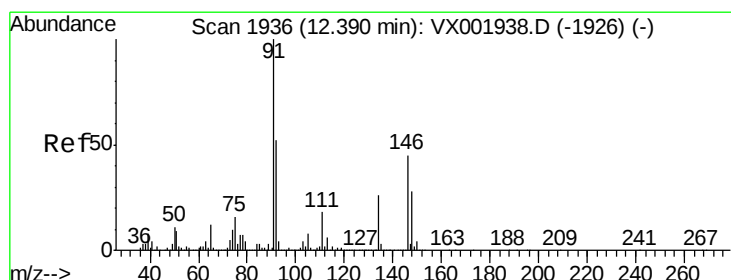
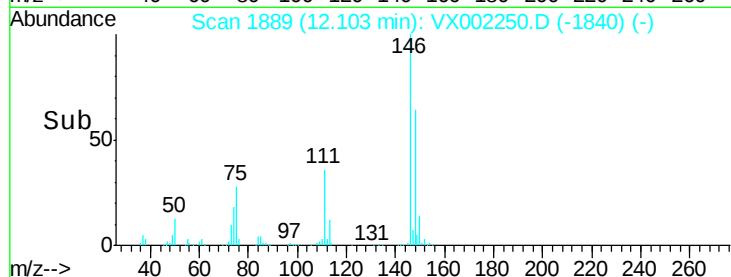
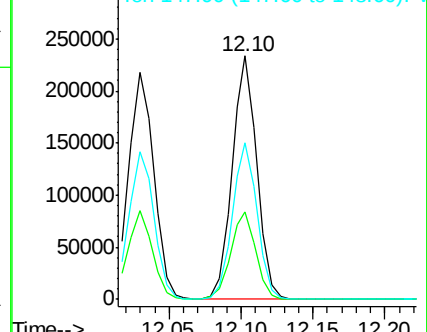
146 100

111 36.9 18.9 56.5

148 64.7 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: 41.03 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

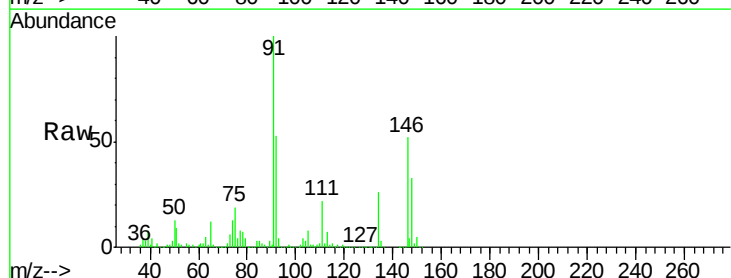
Tgt Ion: 91 Resp: 369397

Ion Ratio Lower Upper

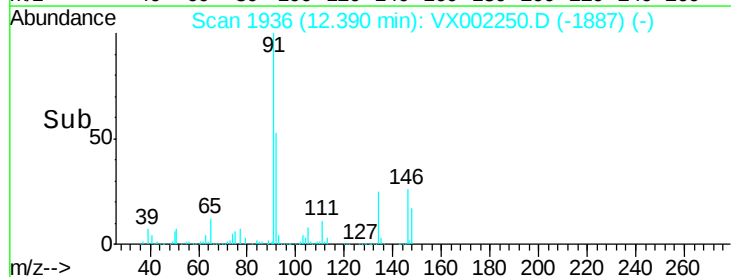
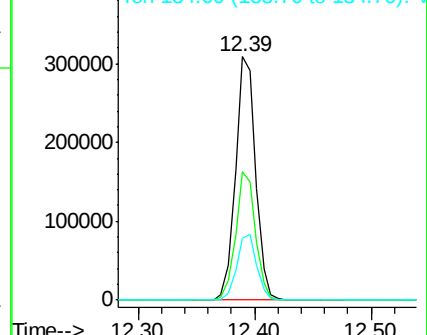
91 100

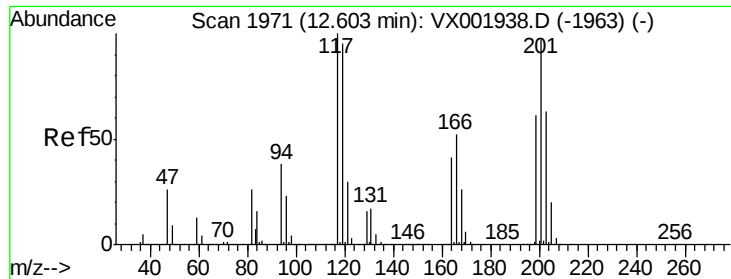
92 51.9 26.3 78.9

134 27.2 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: 34.40 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

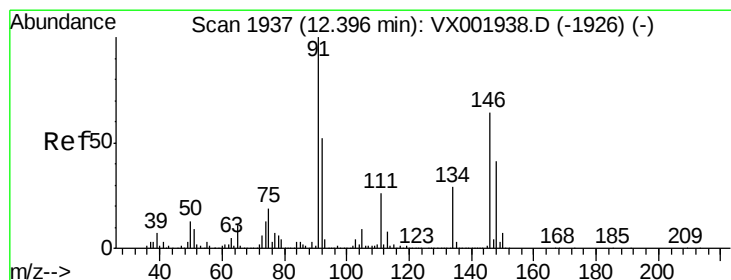
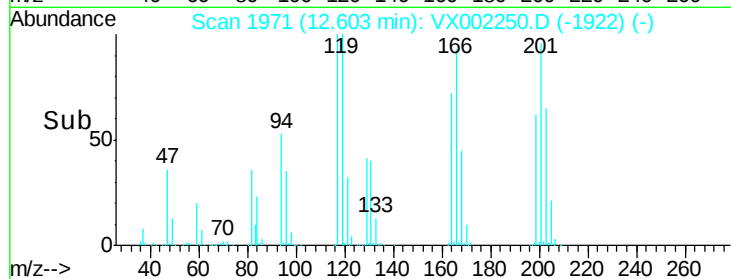
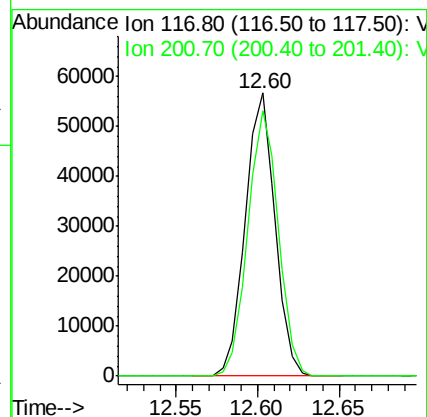
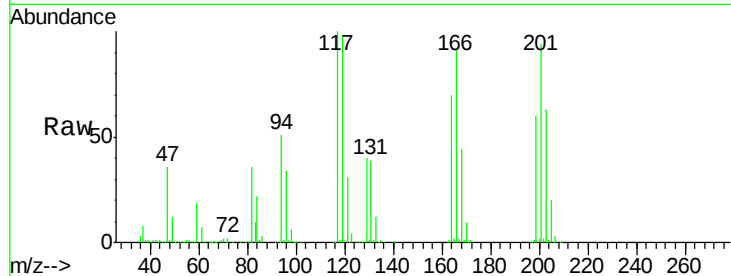
LF6-0050MSD

Tot Ion:117 Resp: 72091

Ion Ratio Lower Upper

117 100

201 96.4 48.0 144.0



#91

1,2-Dichlorobenzene

Concen: 50.75 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

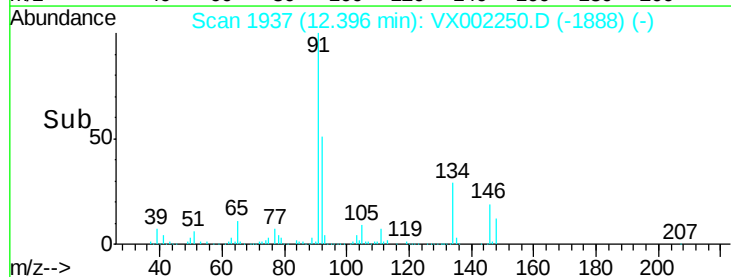
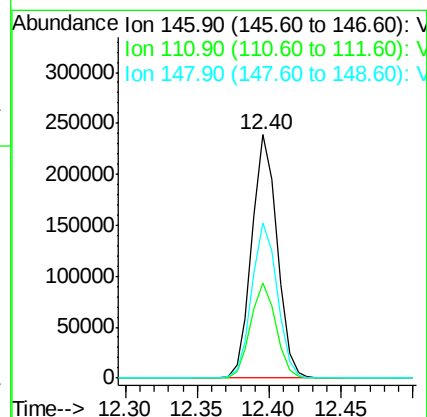
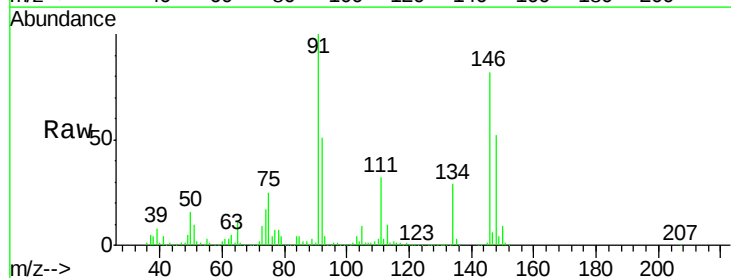
Tgt Ion:146 Resp: 289379

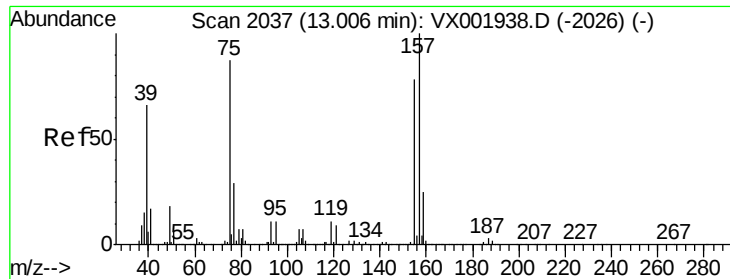
Ion Ratio Lower Upper

146 100

111 39.0 19.8 59.3

148 64.0 32.1 96.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 42.53 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

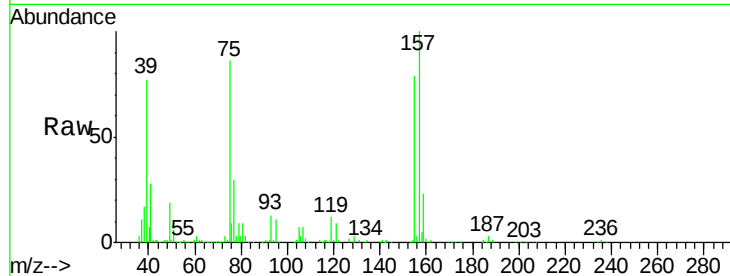
MSVOA_X

ClientSampleId :

LF6-0050MSD

Tot Ion: 75 Resp: 44537

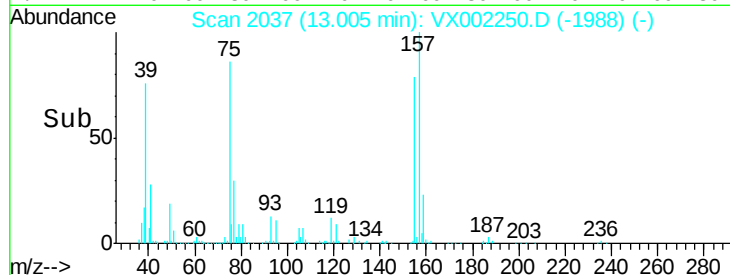
Ion	Ratio	Lower	Upper
75	100		
155	95.4	45.1	135.2
157	120.4	58.1	174.2



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

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

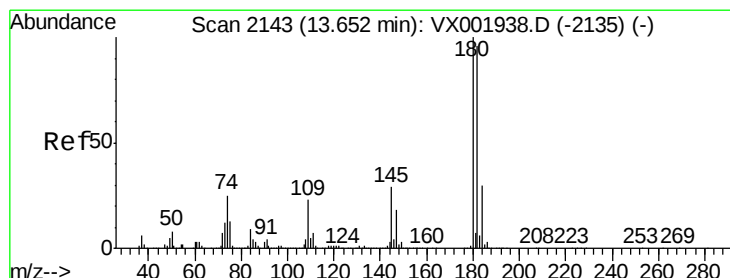
Ion 156.80 (156.50 to 157.50): VX001938.D (-2026) (-)



Abundance Ion 74.90 (74.60 to 75.60): VX002250.D (-1988) (-)

Ion 154.80 (154.50 to 155.50): VX002250.D (-1988) (-)

Ion 156.80 (156.50 to 157.50): VX002250.D (-1988) (-)



#93

1,2,4-Trichlorobenzene

Concen: 44.62 ug/l

RT: 13.65 min Scan# 2143

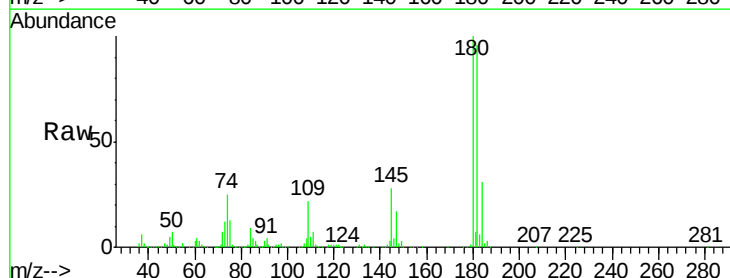
Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Tgt Ion: 180 Resp: 181958

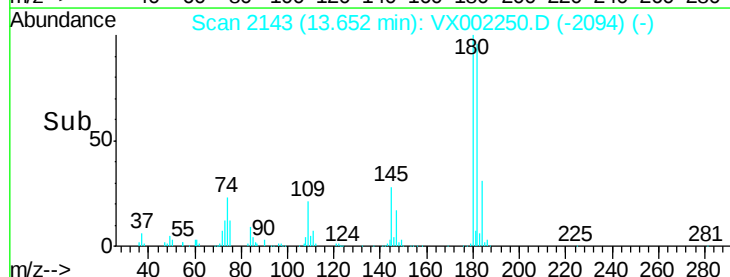
Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.7	143.1
145	28.4	14.4	43.0



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

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

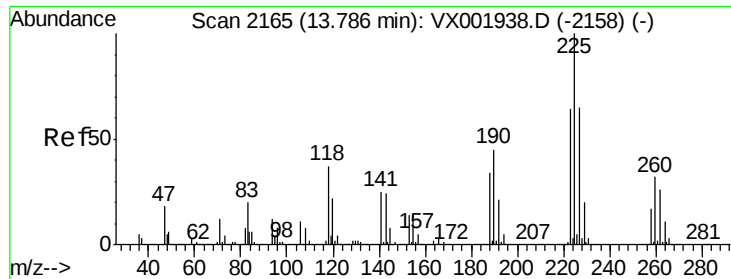
Ion 144.80 (144.50 to 145.50): VX001938.D (-2135) (-)



Abundance Ion 179.80 (179.50 to 180.50): VX002250.D (-2094) (-)

Ion 181.80 (181.50 to 182.50): VX002250.D (-2094) (-)

Ion 144.80 (144.50 to 145.50): VX002250.D (-2094) (-)



#94

Hexachlorobutadiene

Concen: 37.88 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

LF6-0050MSD

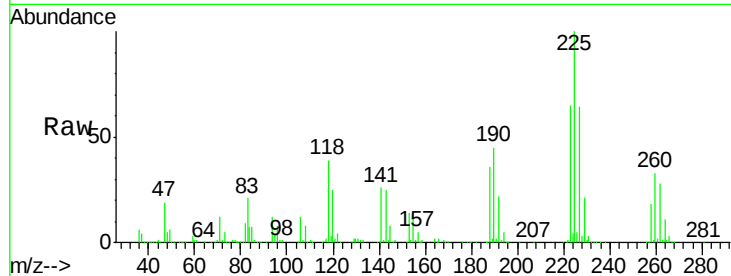
Tot Ion:225 Resp: 83089

Ion Ratio Lower Upper

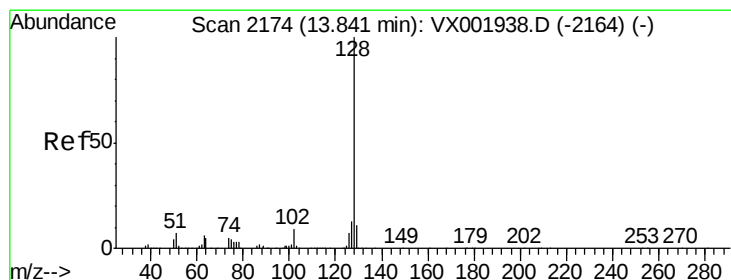
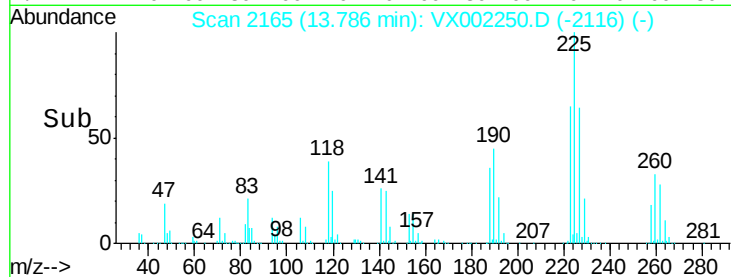
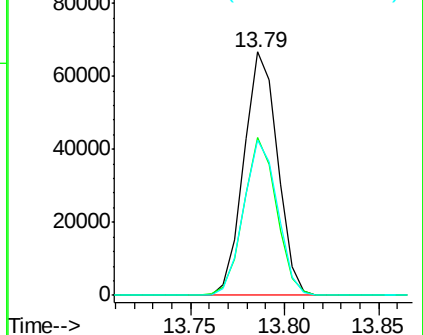
225 100

223 62.9 31.1 93.5

227 63.9 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: 51.91 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

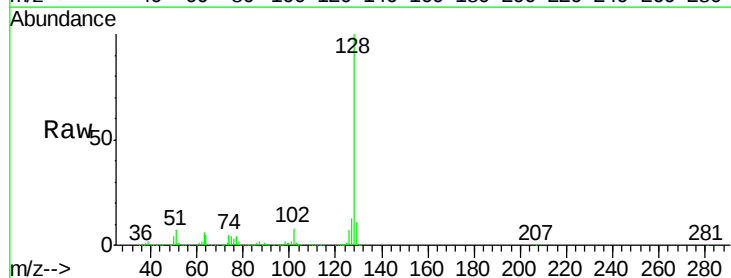
Tgt Ion:128 Resp: 652164

Ion Ratio Lower Upper

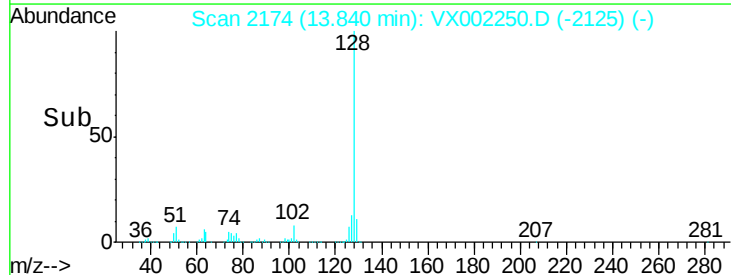
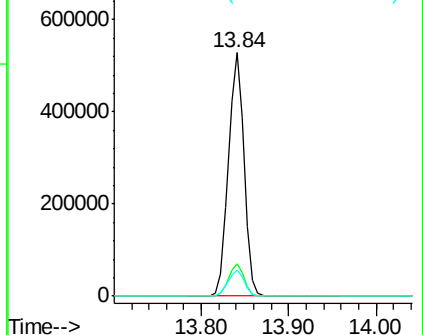
128 100

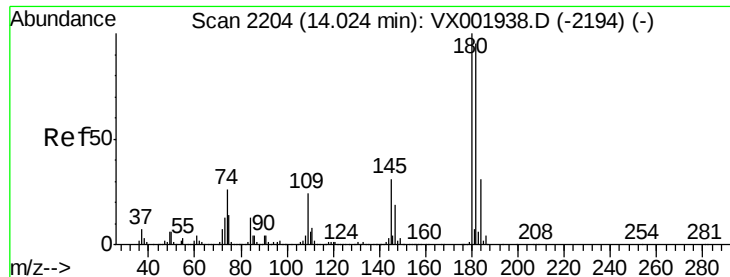
127 13.1 10.4 15.6

129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 47.39 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX002250.D
 Acq: 02 Jun 2018 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0050MSD

Tot Ion:	180	Resp:	199967
Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.9	143.6
145	30.1	15.1	45.3

