

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002307.D
 Acq On : 05 Jun 2018 15:57
 Operator : JC/MD
 Sample : J3270-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0057

Quant Time: Jun 06 04:31:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358511	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187686	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	172956	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
35) Dibromofluoromethane	5.51	113	125190	44.40	ug/l	0.00
Spiked Amount			Recovery	=	88.80%	
50) Toluene-d8	8.72	98	519202	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	11.14	95	180456	43.30	ug/l	0.00
Spiked Amount			Recovery	=	86.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	873	0.35	ug/l	91
3) Chloromethane	1.32	50	668	Below	Cal	93
5) Bromomethane	1.64	94	1550	Below	Cal	95
6) Chloroethane	1.72	64	3529	1.71	ug/l	92
8) Diethyl Ether	2.19	74	120538	70.94	ug/l	98
10) Methyl Iodide	2.51	142	1647	0.45	ug/l	90
11) Tert butyl alcohol	3.08	59	3020	Below	Cal	# 80
13) Acrolein	2.31	56	275	Below	Cal	# 73
15) Acrylonitrile	3.14	53	307	Below	Cal	# 72
16) Acetone	2.45	43	3217	Below	Cal	# 77
18) Methyl Acetate	2.78	43	95	Below	Cal	# 1
19) Methyl tert-butyl Ether	3.23	73	465	Below	Cal	# 68
20) Methylene Chloride	2.85	84	1171	Below	Cal	# 80
22) Diisopropyl ether	3.87	45	1252	Below	Cal	# 70
24) 1,1-Dichloroethane	3.70	63	4250	0.77	ug/l	# 95
28) Bromochloromethane	5.02	49	49	Below	Cal	# 13
29) Tetrahydrofuran	5.18	42	2677	1.74	ug/l	89
36) 1,1-Dichloropropene	5.67	75	17452	4.63	ug/l	# 51
38) Carbon Tetrachloride	5.67	117	22691	5.75	ug/l	# 17
39) Methylcyclohexane	7.46	83	478	0.36	ug/l	89
40) Benzene	6.15	78	66595	5.76	ug/l	99
42) 1,2-Dichloroethane	6.20	62	2413	0.53	ug/l	89
43) Isopropyl Acetate	6.48	43	1582	0.21	ug/l	# 63
49) 1,4-Dioxane	7.78	88	459	6.35	ug/l	# 50
52) Toluene	8.79	92	2065	0.28	ug/l	90
65) Chlorobenzene	10.14	112	56657	6.85	ug/l	98
67) Ethyl Benzene	10.37	91	34256	2.48	ug/l	# 72
68) m/p-Xylenes	10.37	106	16510	3.07	ug/l	98
73) Isopropylbenzene	11.02	105	13939	1.07	ug/l	98
74) N-amyl acetate	6.48	43	1582	0.22	ug/l	# 59
76) 1,2,3-Trichloropropane	11.14	75	99615	24.19	ug/l	# 33
78) n-propylbenzene	11.37	91	8210	0.57	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	99615	84.79	ug/l	# 6
84) 1,2,4-Trimethylbenzene	11.81	105	7738	0.67	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
Data File : VX002307.D
Acq On : 05 Jun 2018 15:57
Operator : JC/MD
Sample : J3270-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF6-0057

Quant Time: Jun 06 04:31:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

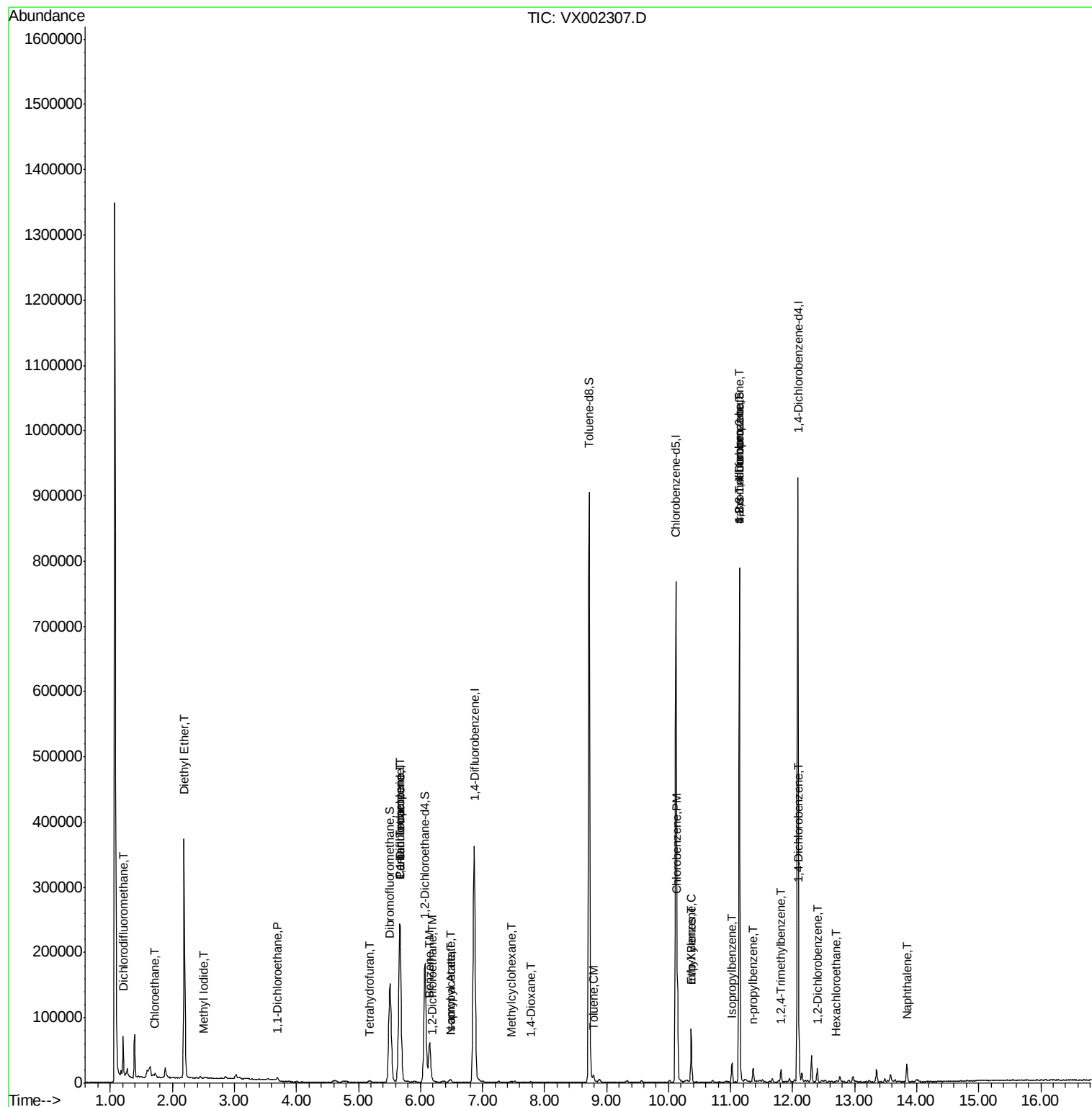
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	12.10	146	16331	2.42	ug/l	88
90) Hexachloroethane	12.71	117	743	0.40	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	5050	0.74	ug/l	99
95) Naphthalene	13.84	128	15870	1.16	ug/l	97

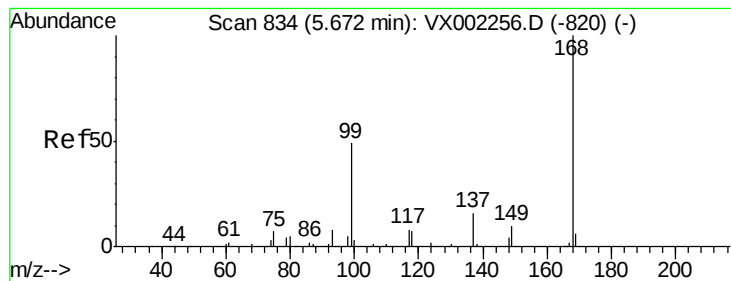
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060518\
Data File : VX002307.D
Acq On : 05 Jun 2018 15:57
Operator : JC/MD
Sample : J3270-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF6-0057

Quant Time: Jun 06 04:31:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

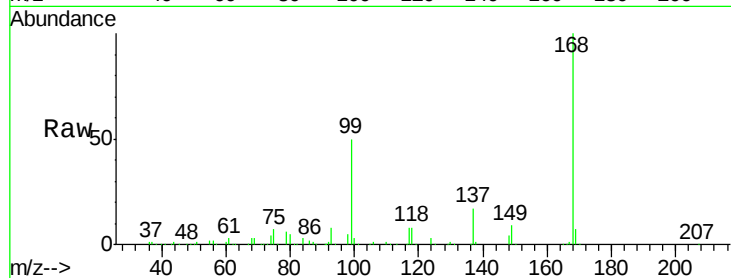
LF6-0057

Tot Ion:168 Resp: 242979

Ion Ratio Lower Upper

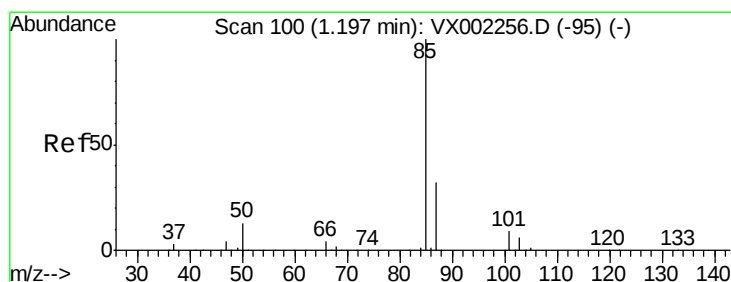
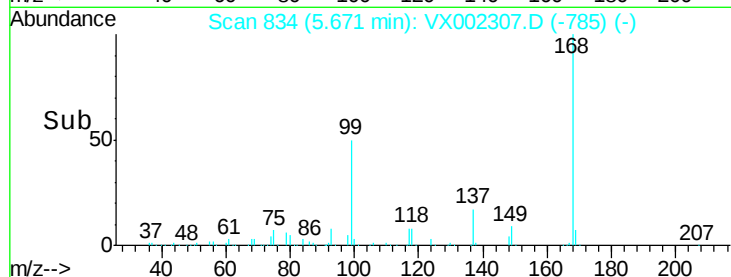
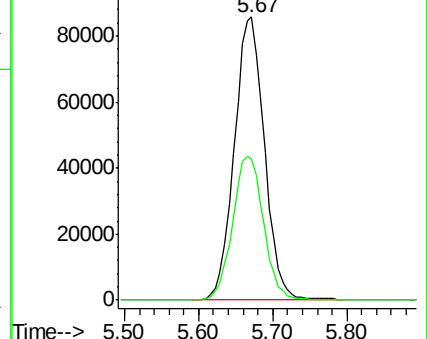
168 100

99 50.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.35 ug/l

RT: 1.20 min Scan# 101

Delta R.T. 0.01 min

Lab File: VX002307.D

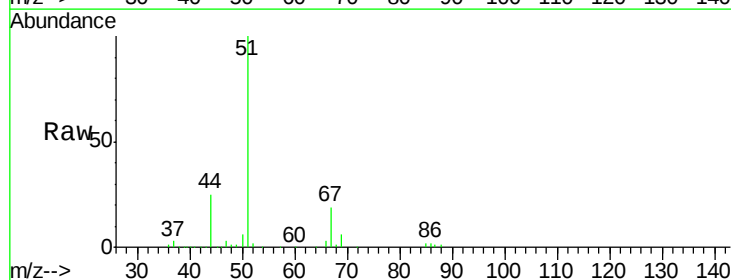
Acq: 05 Jun 2018 15:57

Tgt Ion: 85 Resp: 873

Ion Ratio Lower Upper

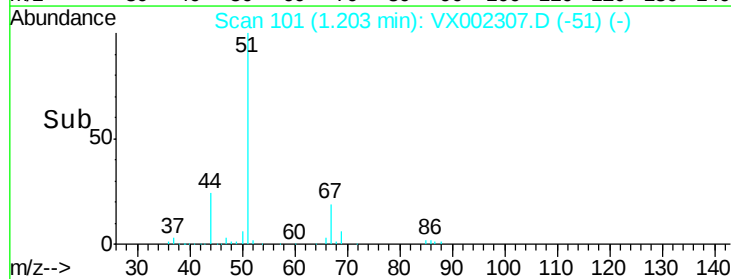
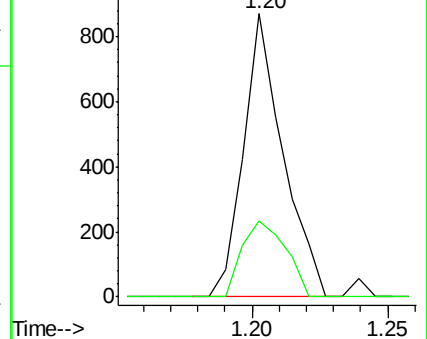
85 100

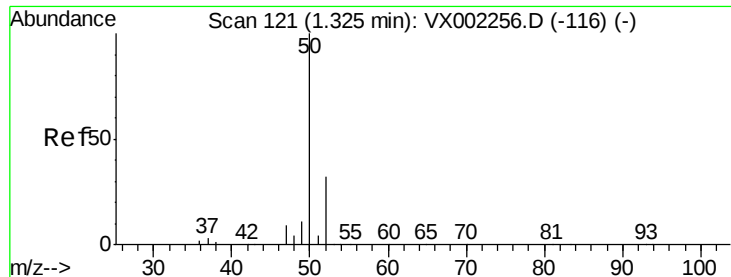
87 26.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

Instrument :

MSVOA_X

ClientSampled :

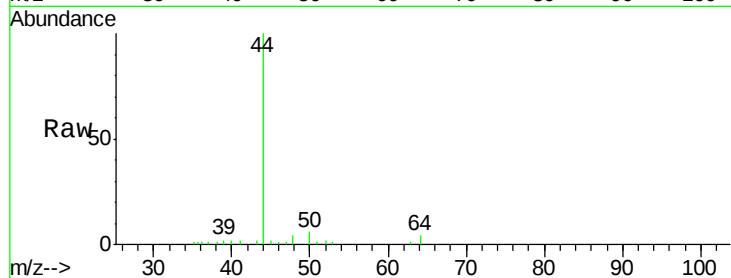
LF6-0057

Tot Ion: 50 Resp: 668

Ion Ratio Lower Upper

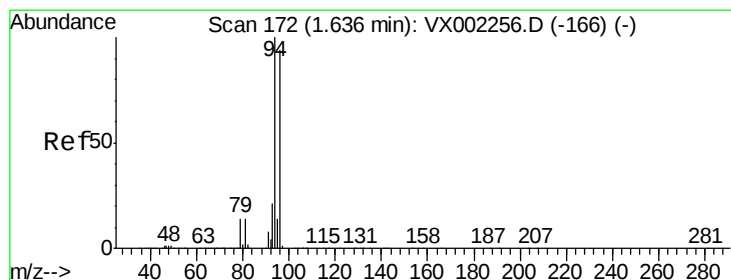
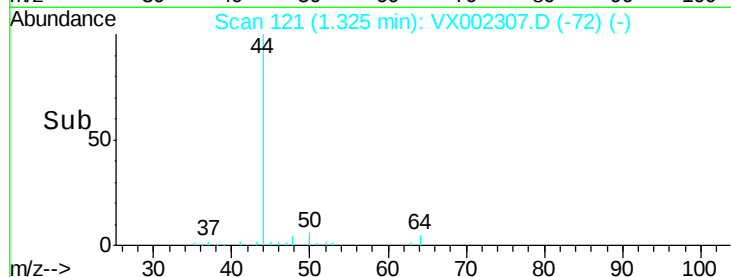
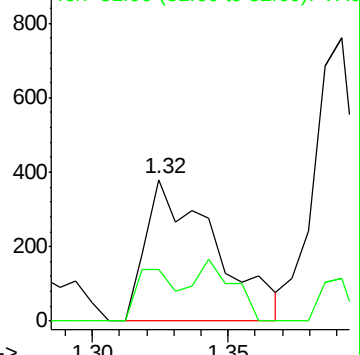
50 100

52 36.0 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002307.D

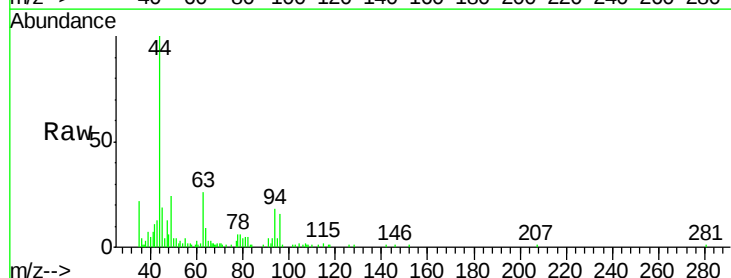
Acq: 05 Jun 2018 15:57

Tgt Ion: 94 Resp: 1550

Ion Ratio Lower Upper

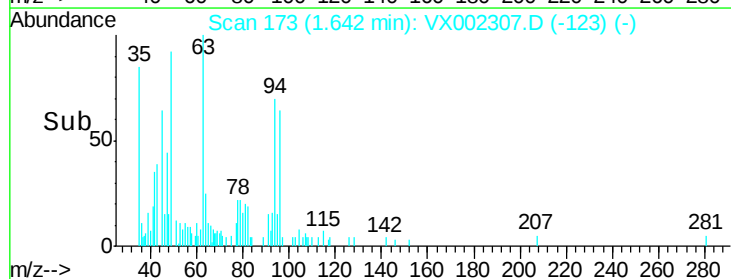
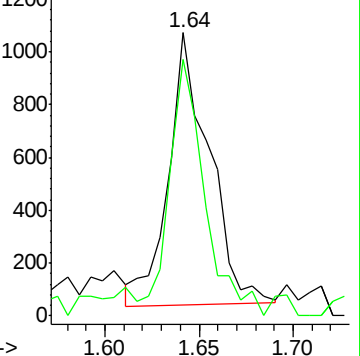
94 100

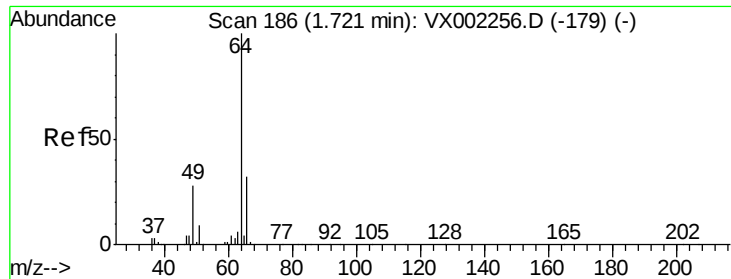
96 88.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 1.71 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

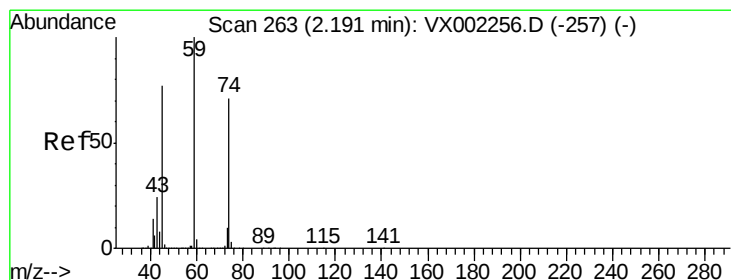
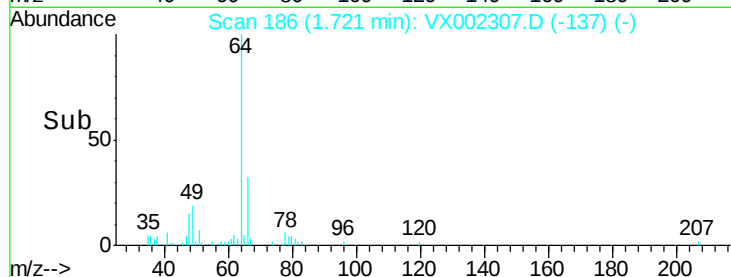
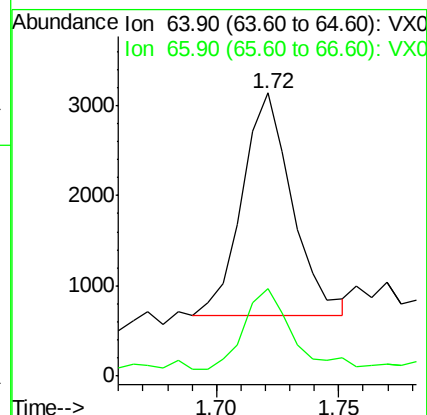
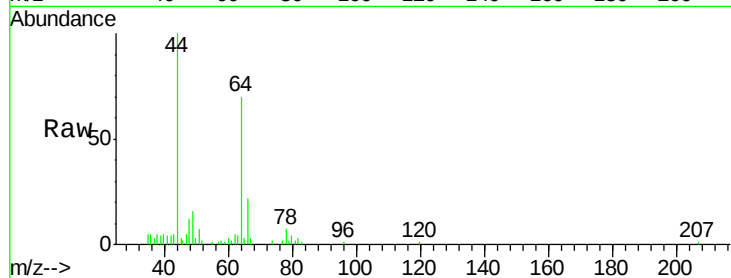
LF6-0057

Tot Ion: 64 Resp: 3529

Ion Ratio Lower Upper

64 100

66 36.3 25.5 38.3



#8

Diethyl Ether

Concen: 70.94 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002307.D

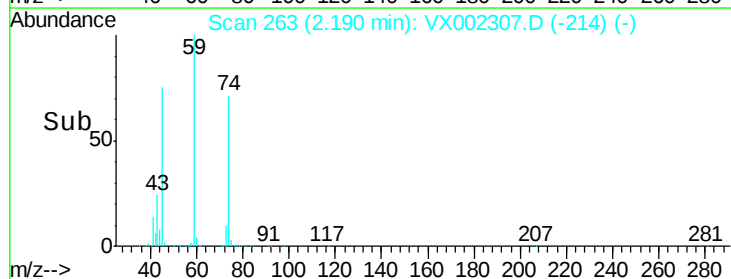
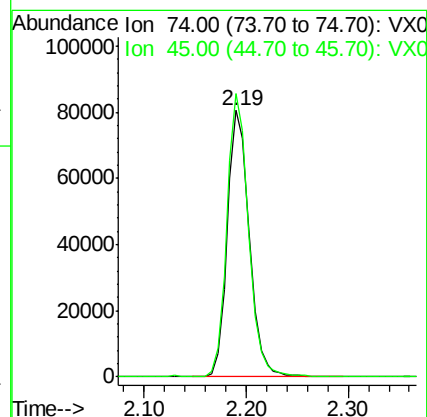
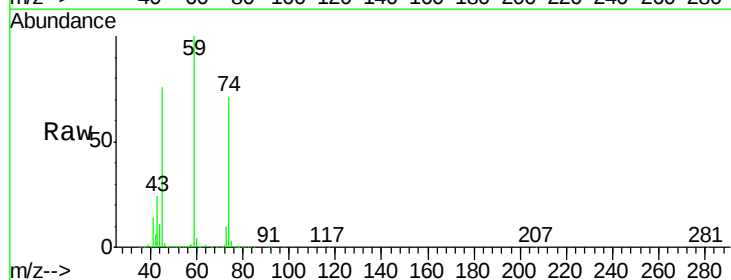
Acq: 05 Jun 2018 15:57

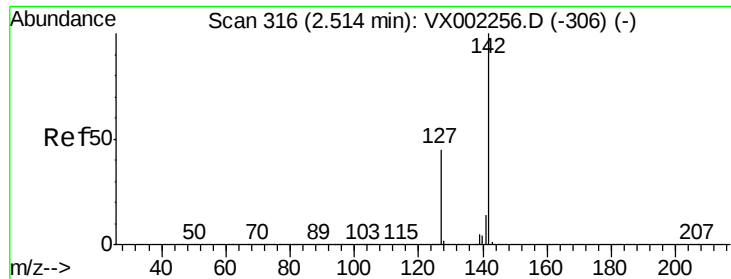
Tgt Ion: 74 Resp: 120538

Ion Ratio Lower Upper

74 100

45 103.9 53.1 159.4

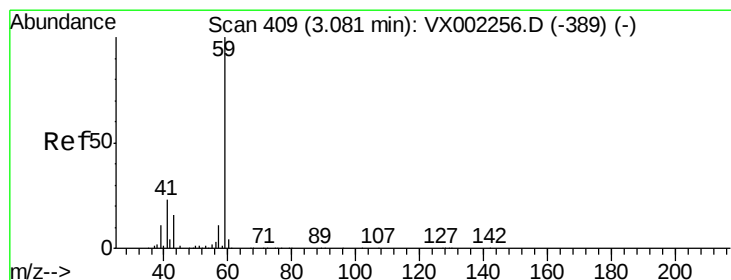
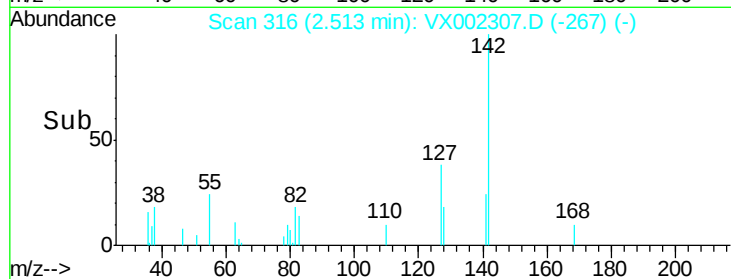
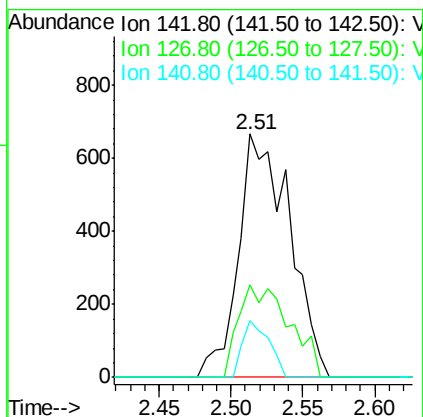
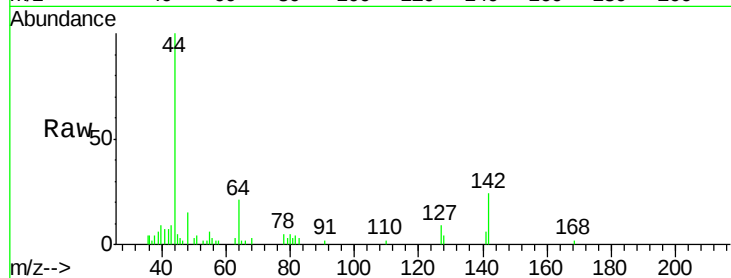




#10
Methyl Iodide
Concen: 0.45 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX002307.D
Acq: 05 Jun 2018 15:57

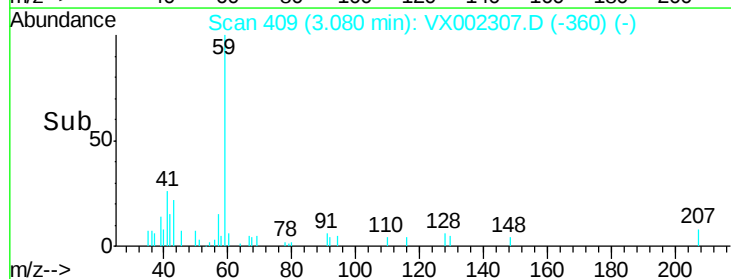
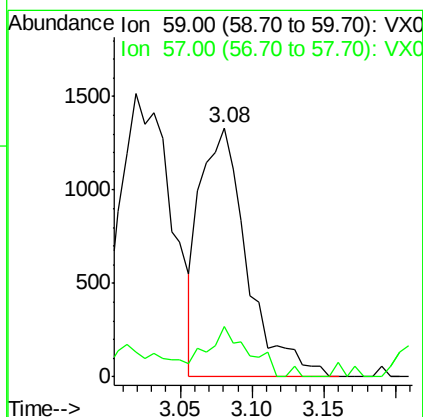
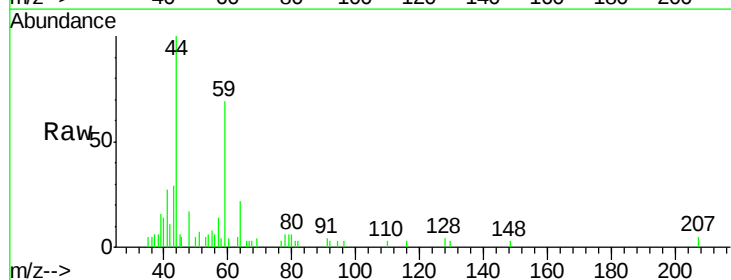
Instrument :
MSVOA_X
ClientSampleId :
LF6-0057

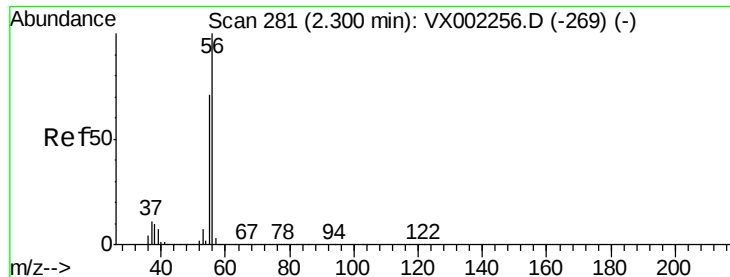
Tot Ion:142 Resp: 1647
Ion Ratio Lower Upper
142 100
127 37.9 36.6 55.0
141 12.0 11.3 16.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002307.D
Acq: 05 Jun 2018 15:57

Tgt Ion: 59 Resp: 3020
Ion Ratio Lower Upper
59 100
57 17.5 8.2 12.2#





#13

Acrolein

Concen: Below Cal

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

Instrument :

MSVOA_X

ClientSampled :

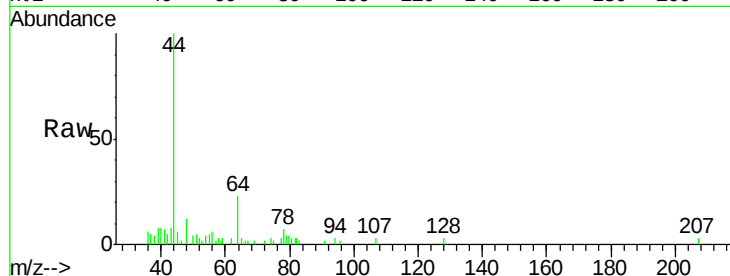
LF6-0057

Tot Ion: 56 Resp: 275

Ion Ratio Lower Upper

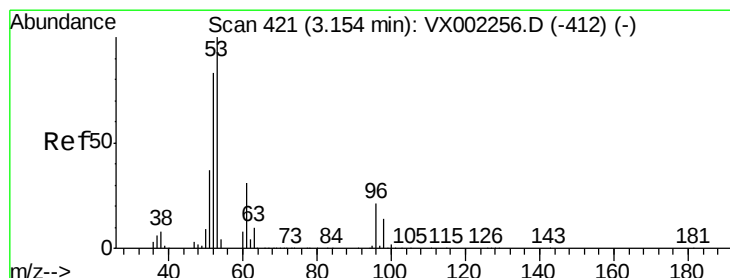
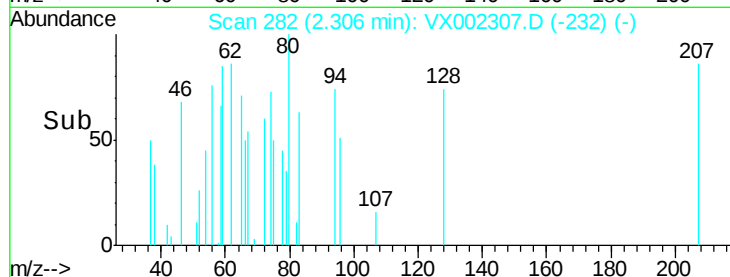
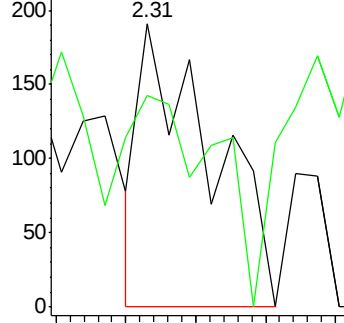
56 100

55 93.8 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: Below Cal

RT: 3.14 min Scan# 418

Delta R.T. -0.02 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

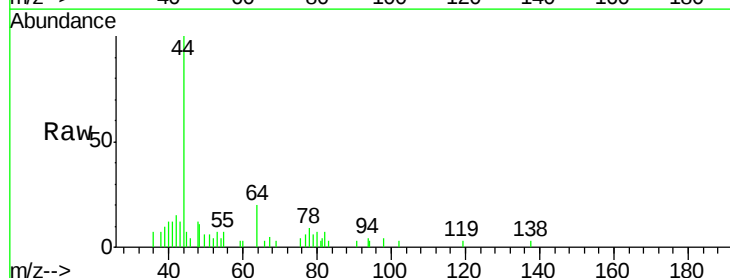
Tgt Ion: 53 Resp: 307

Ion Ratio Lower Upper

53 100

52 103.9 66.7 100.1#

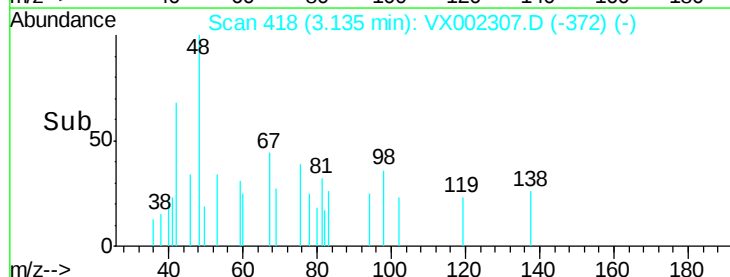
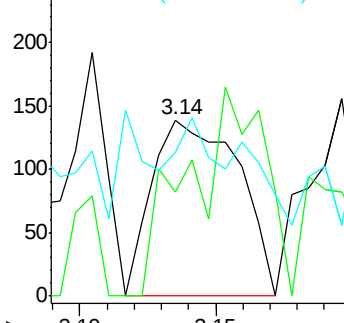
51 14.0 29.9 44.9#

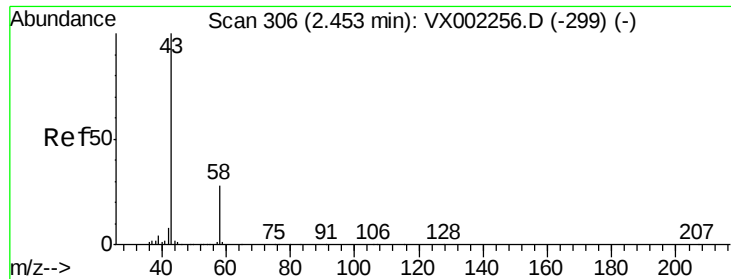


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

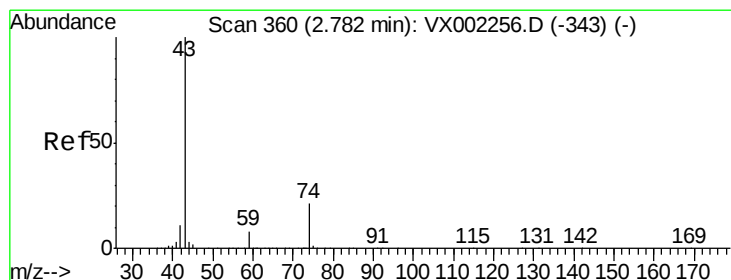
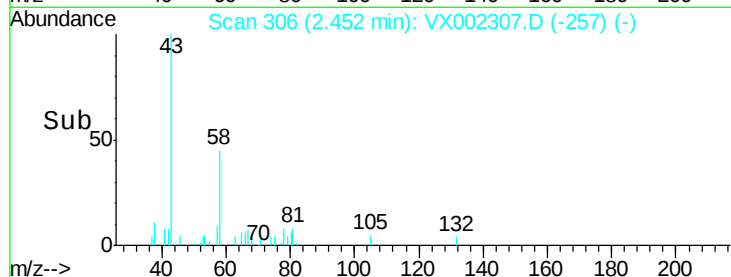
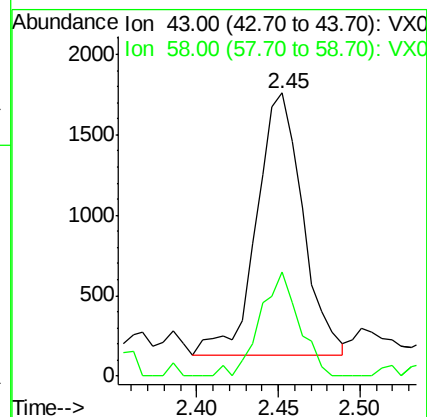
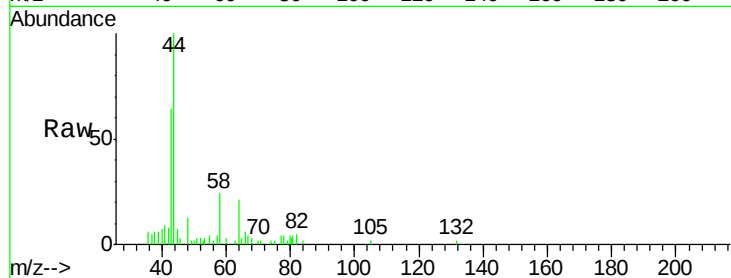
LF6-0057

Tot Ion: 43 Resp: 3217

Ion Ratio Lower Upper

43 100

58 39.6 22.1 33.1#



#18

Methyl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX002307.D

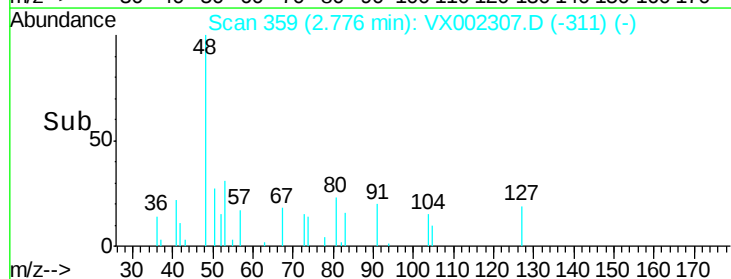
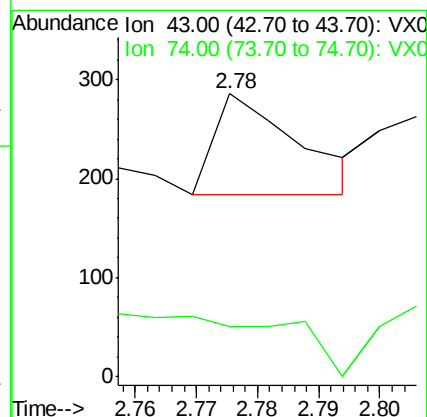
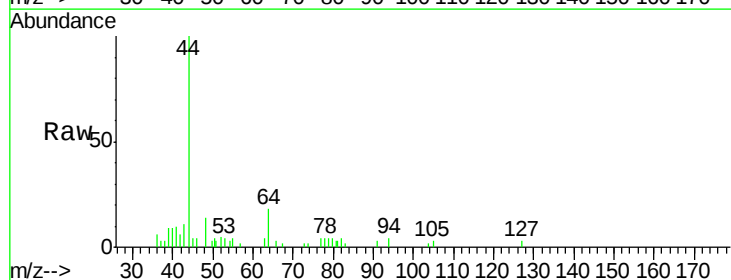
Acq: 05 Jun 2018 15:57

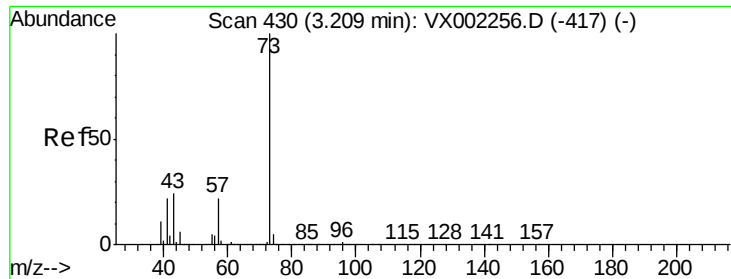
Tgt Ion: 43 Resp: 95

Ion Ratio Lower Upper

43 100

74 131.6 16.7 25.1#

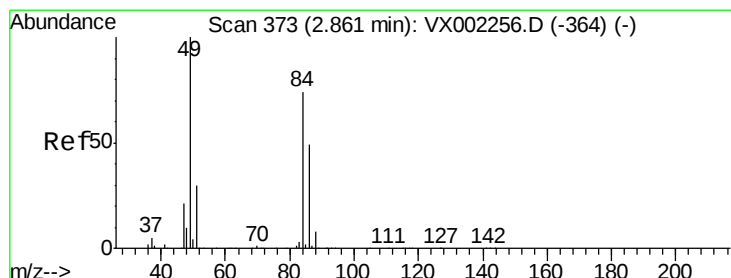
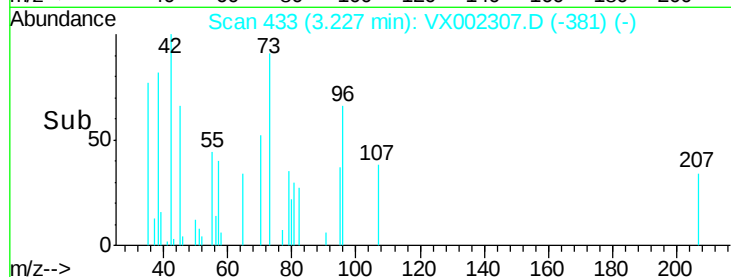
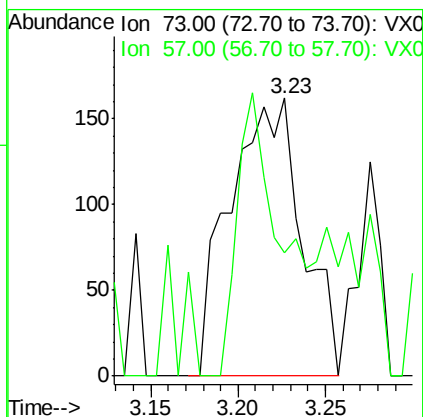
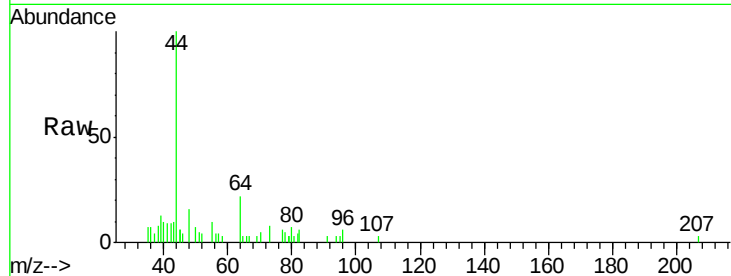




#19
Methvl tert-butvl Ether
Concen: Below Cal
RT: 3.23 min Scan# 433
Delta R.T. 0.02 min
Lab File: VX002307.D
Acq: 05 Jun 2018 15:57

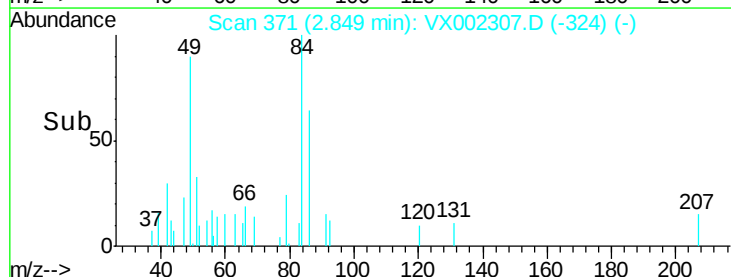
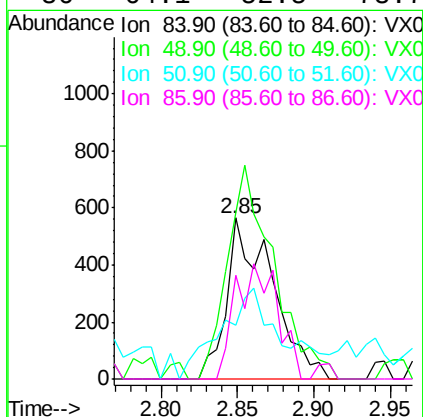
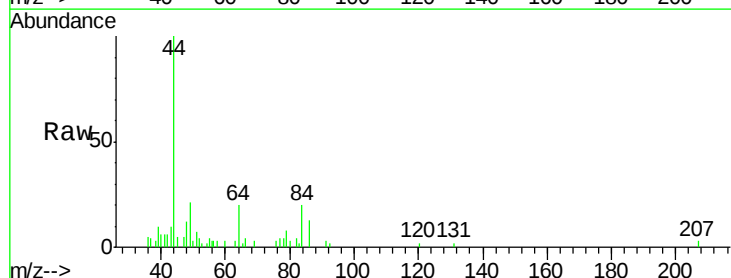
Instrument :
MSVOA_X
ClientSampleId :
LF6-0057

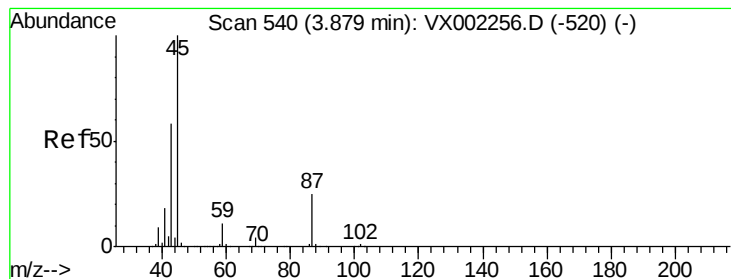
Tot Ion: 73 Resp: 465
Ion Ratio Lower Upper
73 100
57 6.8 17.7 26.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX002307.D
Acq: 05 Jun 2018 15:57

Tgt Ion: 84 Resp: 1171
Ion Ratio Lower Upper
84 100
49 103.4 107.8 161.6#
51 22.3 32.8 49.2#
86 64.1 52.5 78.7



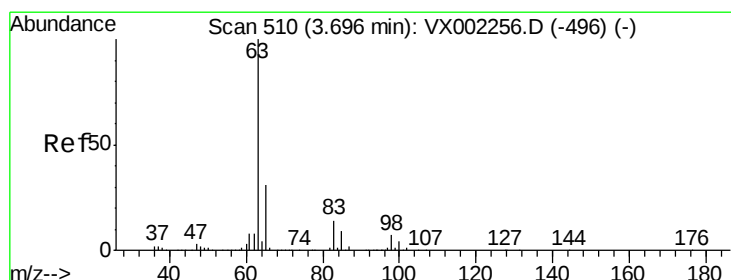
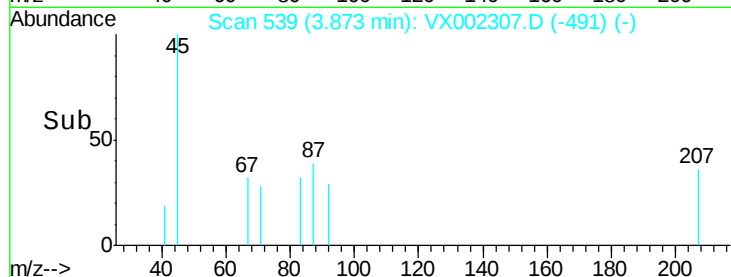
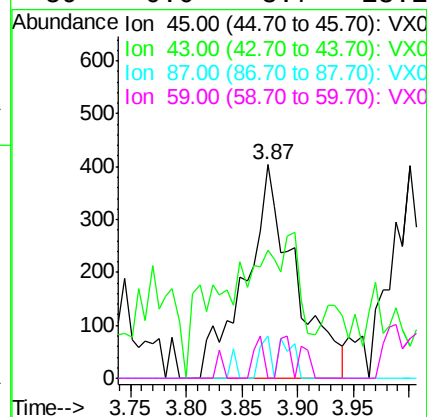
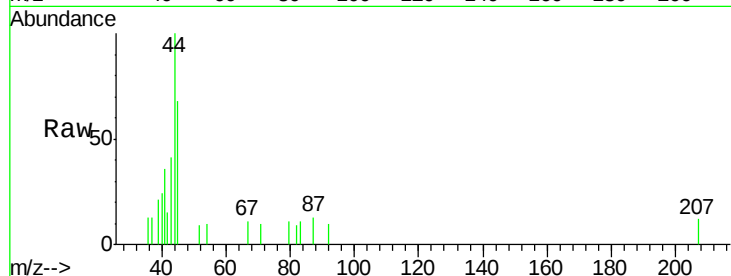


#22

Diisopropyl ether
 Concen: Below Cal
 RT: 3.87 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: VX002307.D
 Acq: 05 Jun 2018 15:57

Instrument :
 MSVOA_X
 ClientSampled :
 LF6-0057

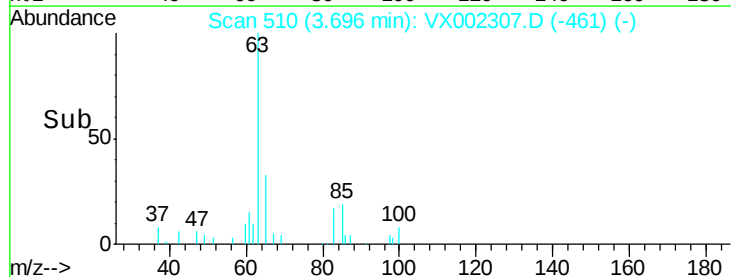
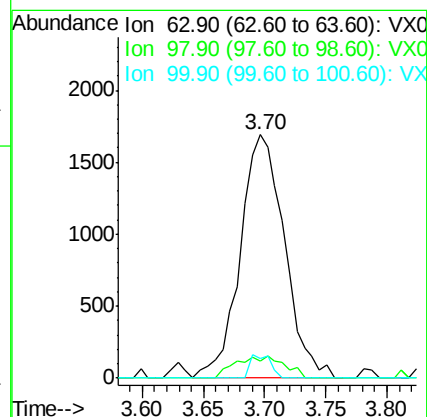
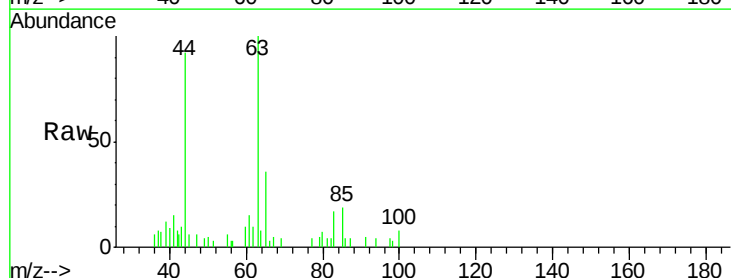
Tot Ion:	45	Resp:	1252
Ion	Ratio	Lower	Upper
45	100		
43	30.2	46.8	70.2#
87	19.8	20.2	30.4#
59	0.0	8.7	13.1#

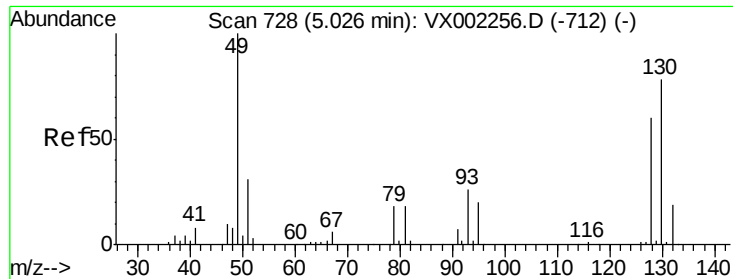


#24

1,1-Dichloroethane
 Concen: 0.77 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX002307.D
 Acq: 05 Jun 2018 15:57

Tgt Ion:	63	Resp:	4250
Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.4	10.2
100	8.0	2.0	6.0#





#28

Bromochloromethane

Concen: Below Cal

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

LF6-0057

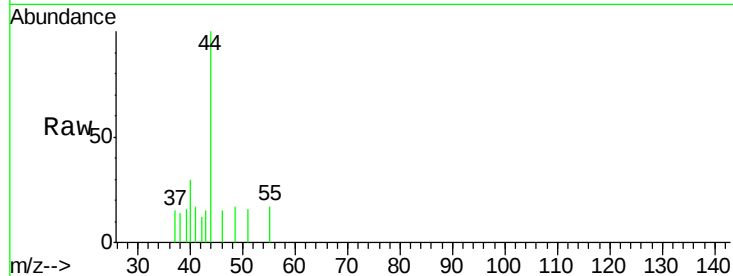
Tot Ion: 49 Resp: 49

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

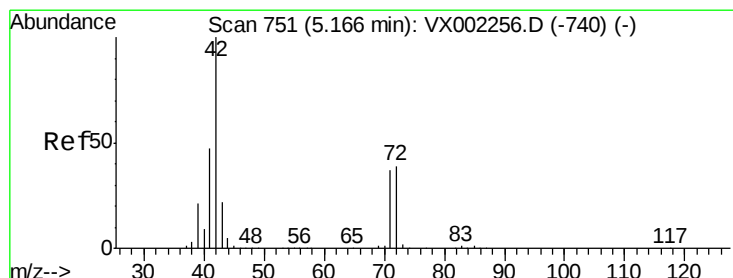
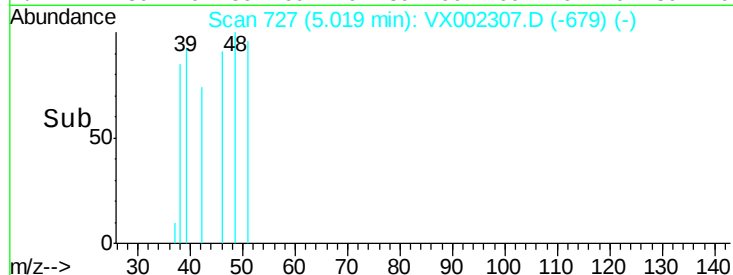
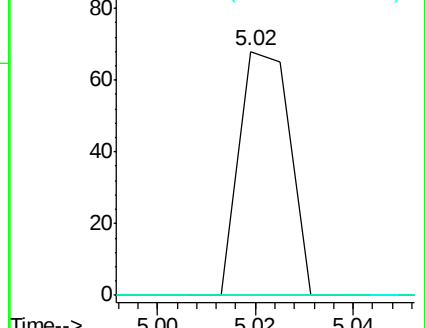
130 0.0 61.2 91.8#



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: 1.74 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.02 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

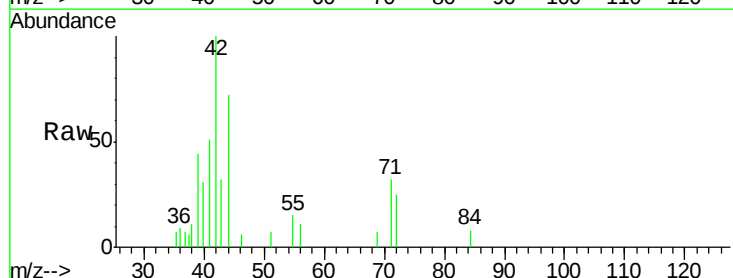
Tgt Ion: 42 Resp: 2677

Ion Ratio Lower Upper

42 100

72 33.2 32.0 48.0

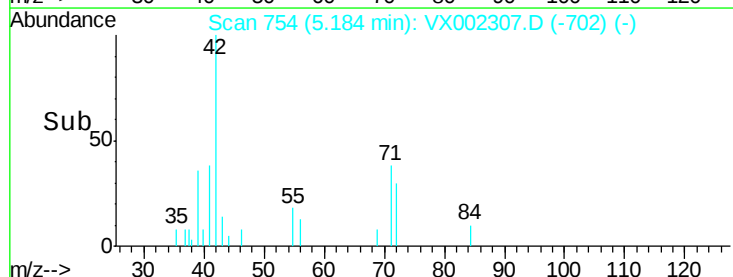
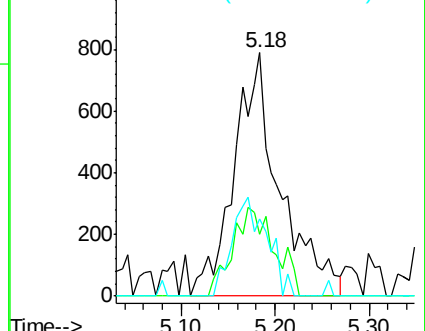
71 31.1 30.1 45.1

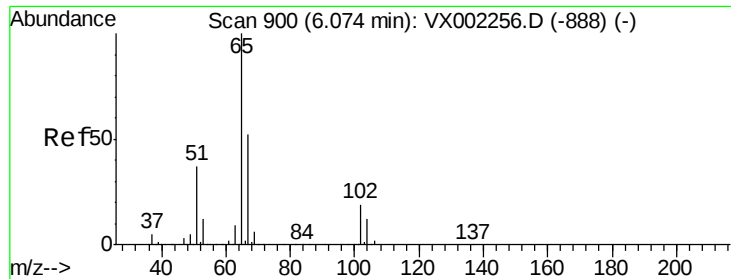


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.76 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

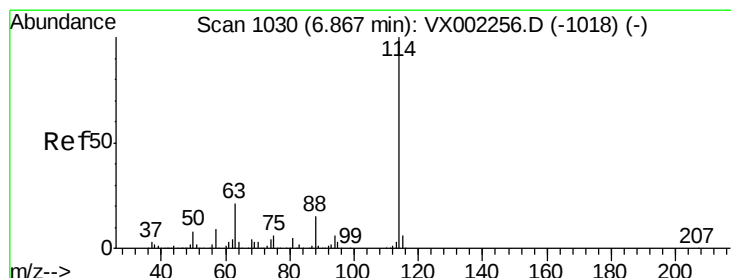
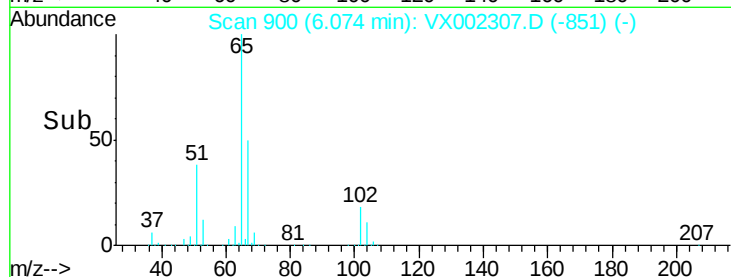
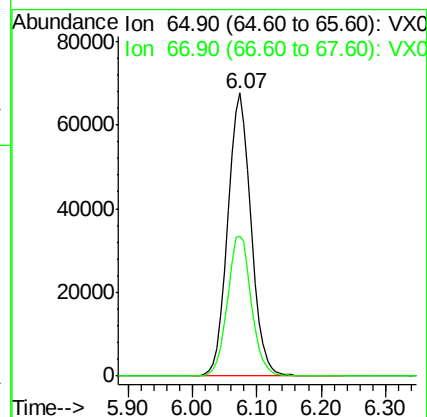
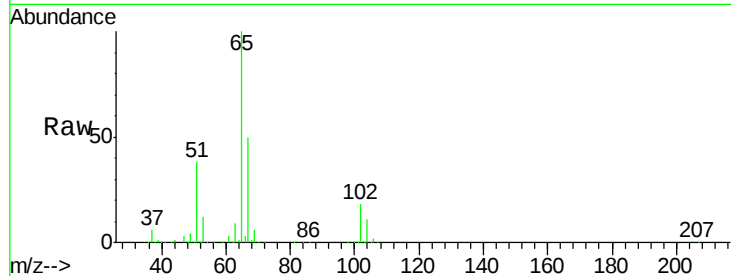
LF6-0057

Tot Ion: 65 Resp: 172956

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

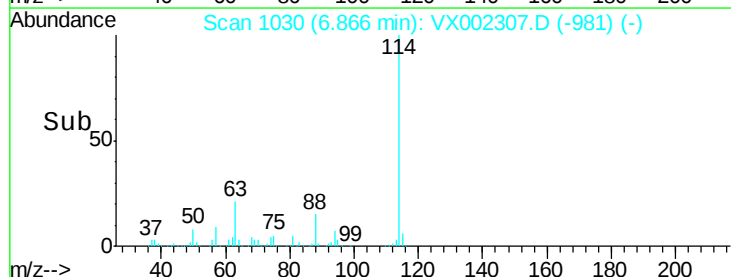
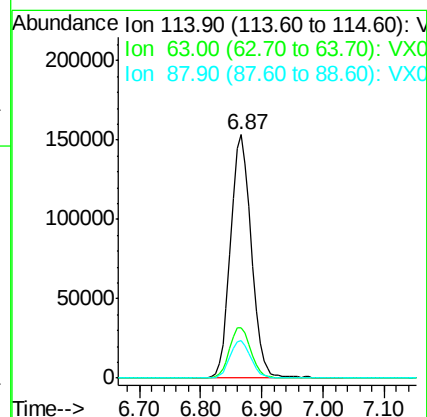
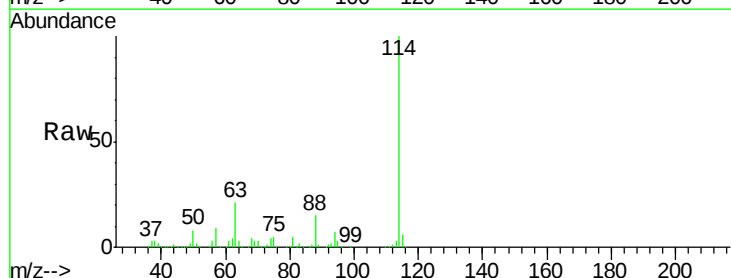
Tgt Ion: 114 Resp: 358511

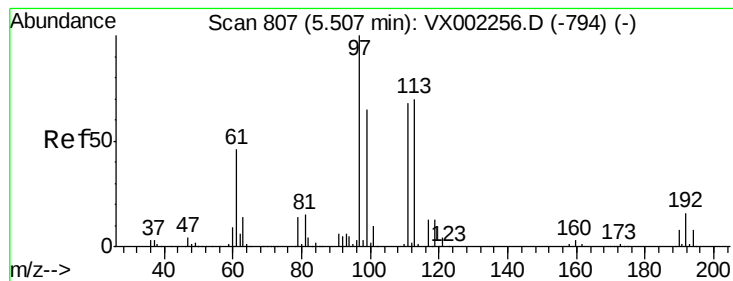
Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.4

88 15.3 0.0 30.0





#35

Dibromofluoromethane

Concen: 44.40 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

Instrument :

MSVOA_X

ClientSampled :

LF6-0057

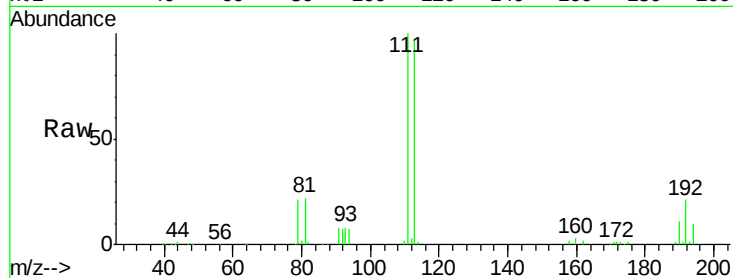
Tot Ion:113 Resp: 125190

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

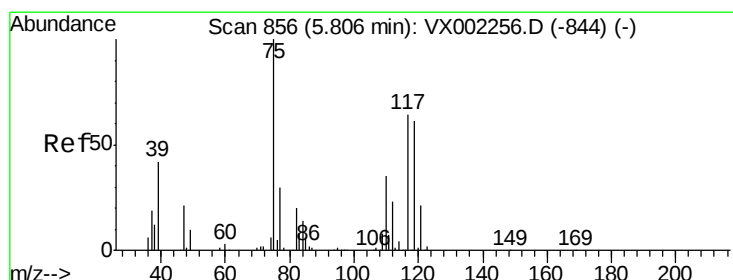
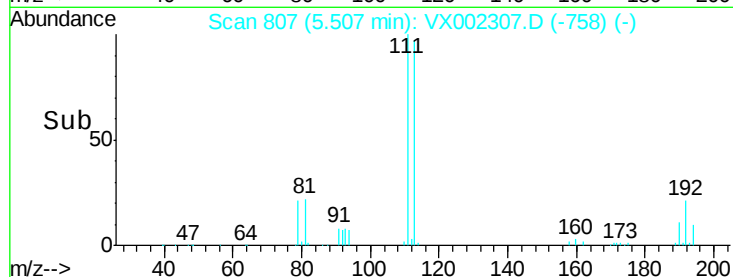
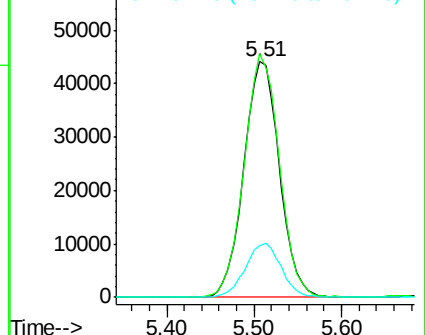
192 23.0 19.1 28.7



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: 4.63 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

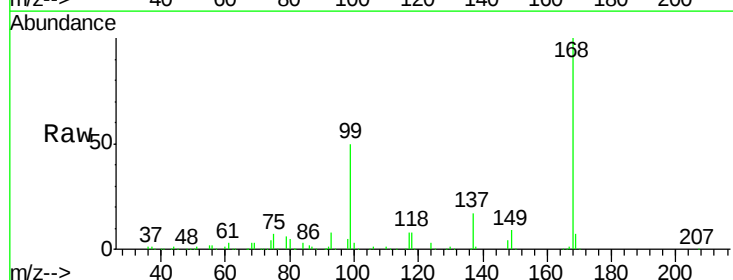
Tgt Ion: 75 Resp: 17452

Ion Ratio Lower Upper

75 100

110 10.1 18.1 54.4#

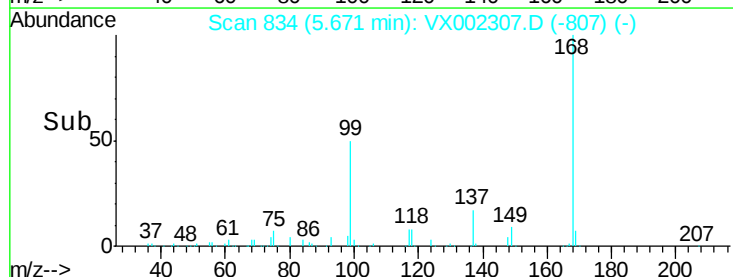
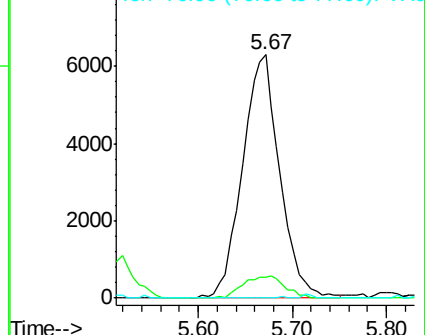
77 0.1 24.3 36.5#

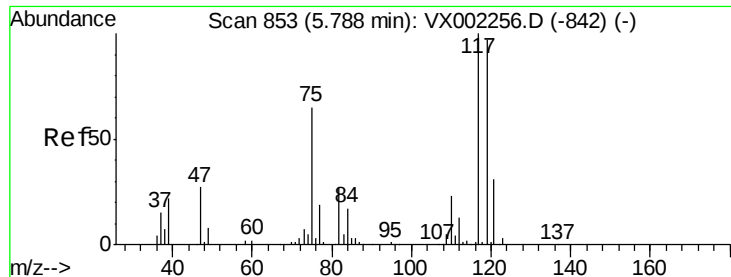


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.75 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

Instrument :

MSVOA_X

ClientSampled :

LF6-0057

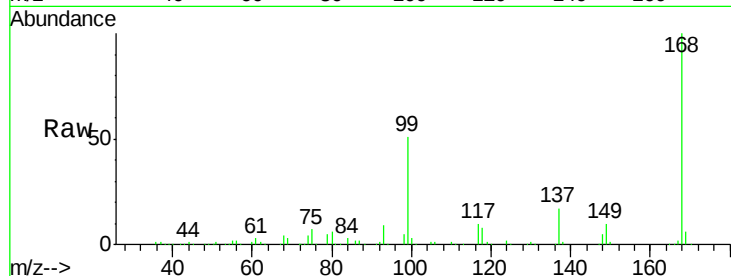
Tot Ion:117 Resp: 22691

Ion Ratio Lower Upper

117 100

119 6.9 77.4 116.0#

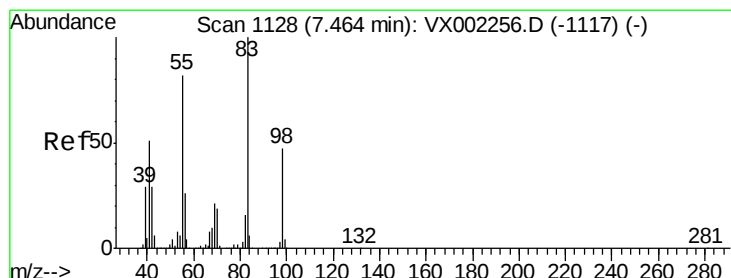
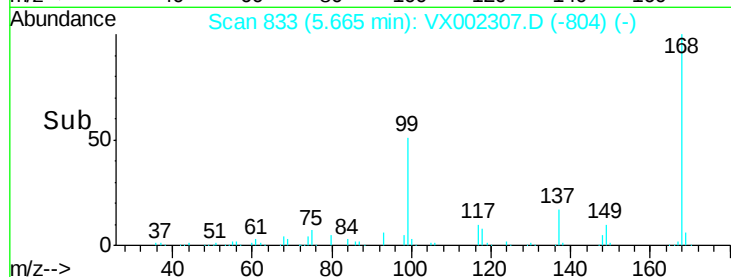
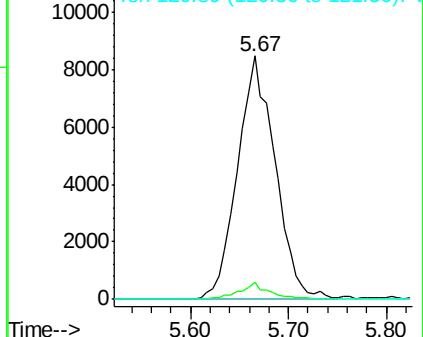
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.36 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

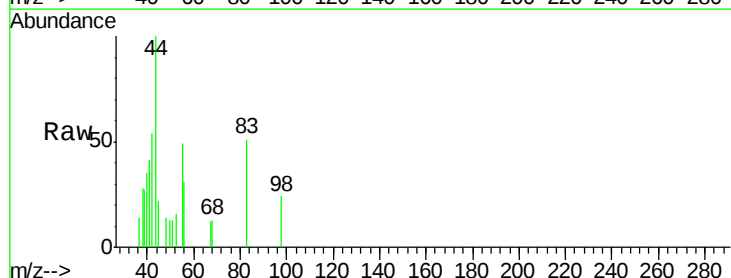
Tgt Ion: 83 Resp: 478

Ion Ratio Lower Upper

83 100

55 96.7 65.4 98.0

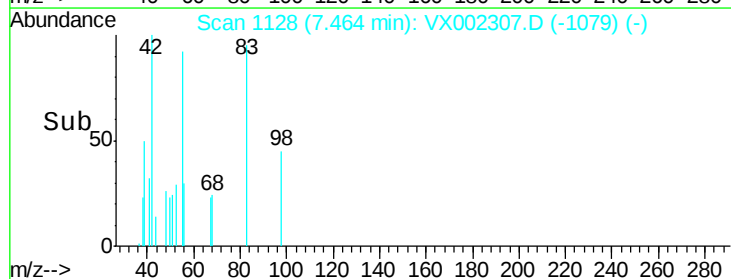
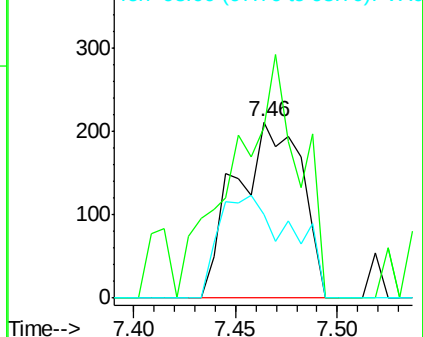
98 47.2 37.4 56.0

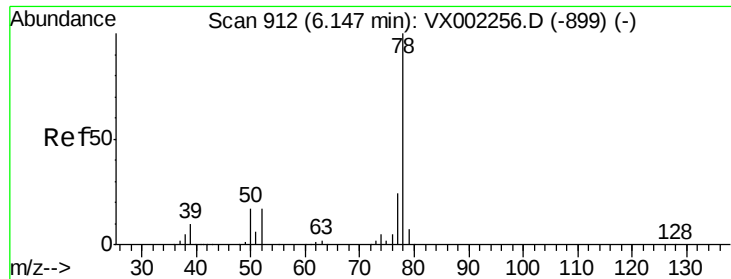


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 5.76 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

Instrument :

MSVOA_X

ClientSampled :

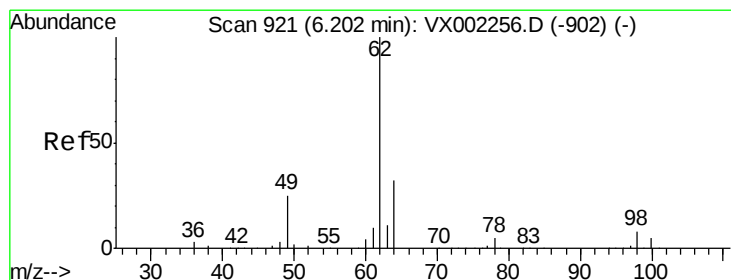
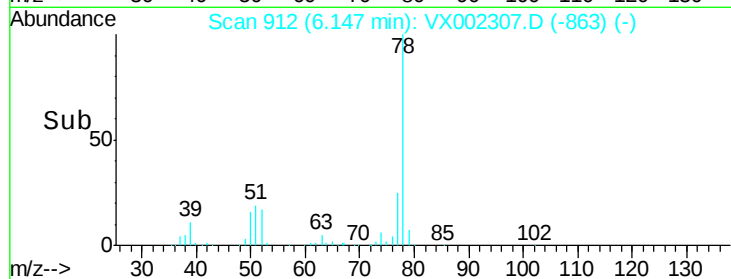
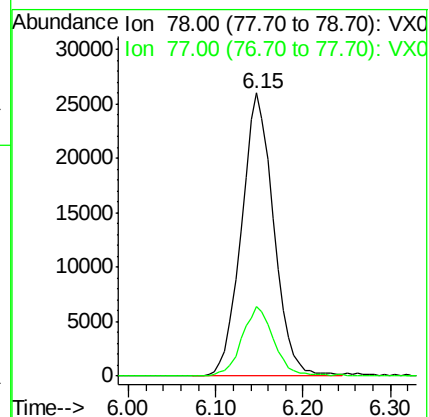
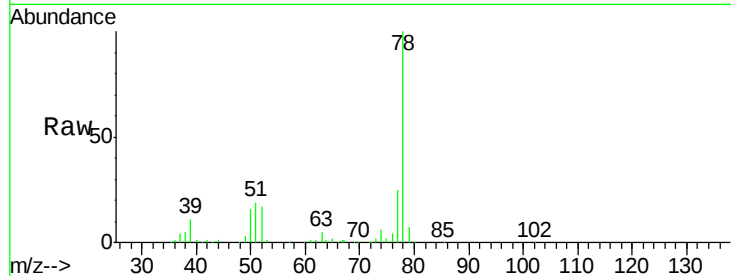
LF6-0057

Tot Ion: 78 Resp: 66595

Ion Ratio Lower Upper

78 100

77 24.6 19.1 28.7



#42

1,2-Dichloroethane

Concen: 0.53 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.00 min

Lab File: VX002307.D

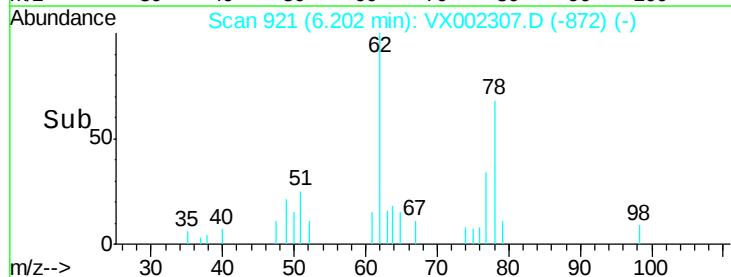
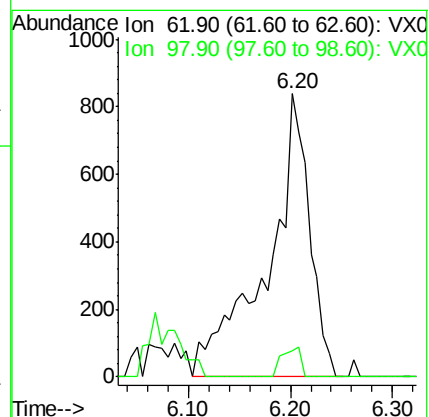
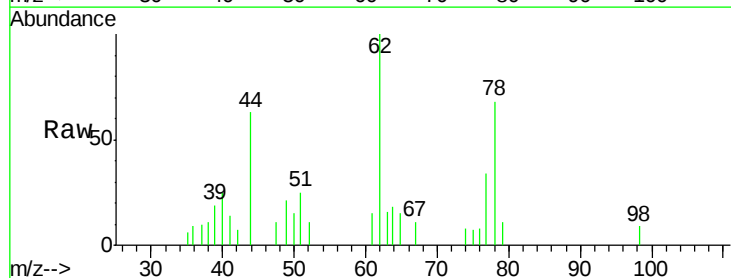
Acq: 05 Jun 2018 15:57

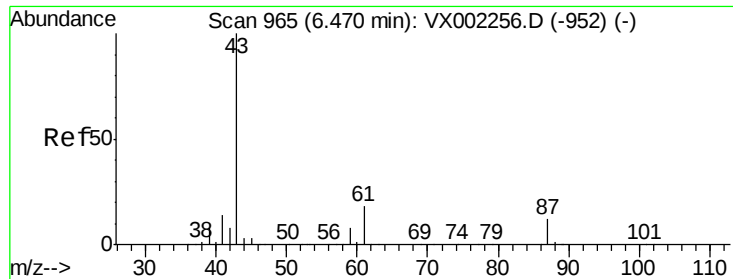
Tgt Ion: 62 Resp: 2413

Ion Ratio Lower Upper

62 100

98 4.5 0.0 16.6





#43

Isopropyl Acetate

Concen: 0.21 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

Instrument :

MSVOA_X

ClientSampled :

LF6-0057

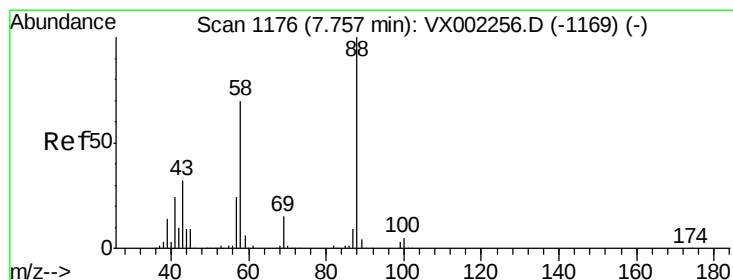
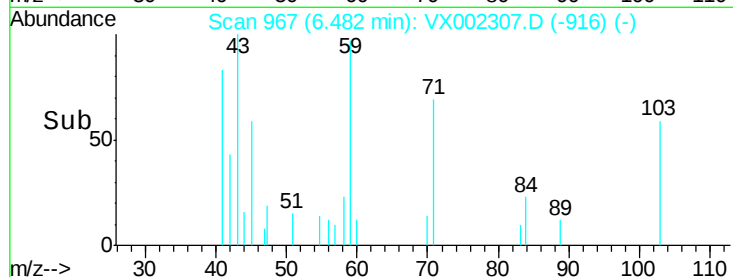
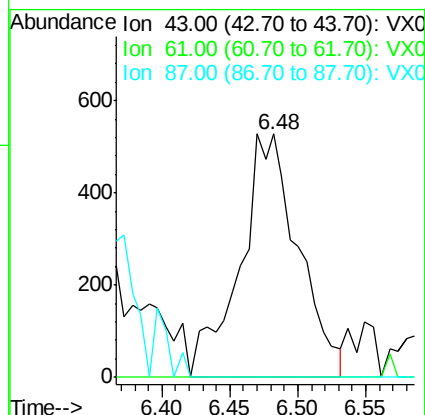
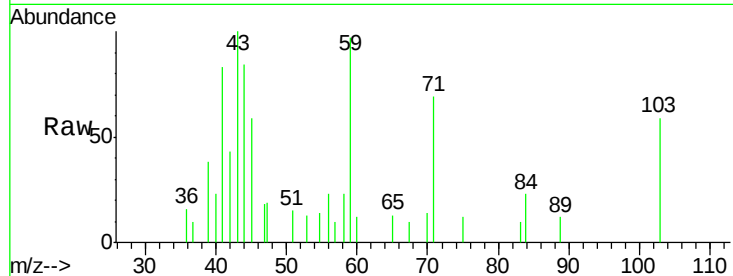
Tot Ion: 43 Resp: 1582

Ion Ratio Lower Upper

43 100

61 0.0 14.4 21.6#

87 0.0 9.5 14.3#



#49

1,4-Dioxane

Concen: 6.35 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.02 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

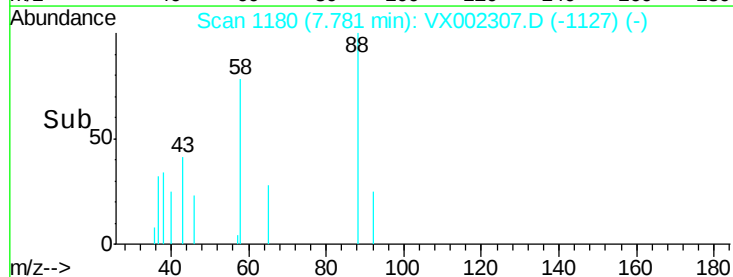
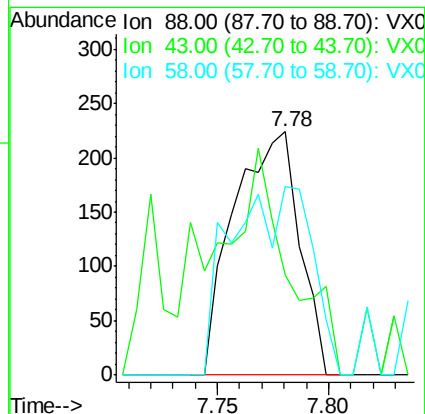
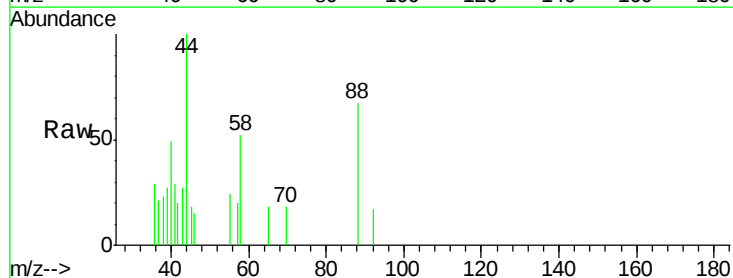
Tgt Ion: 88 Resp: 459

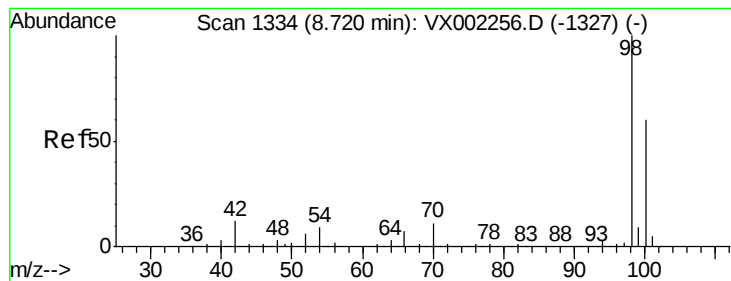
Ion Ratio Lower Upper

88 100

43 101.5 29.8 44.6#

58 54.7 57.1 85.7#





#50

Toluene-d8

Concen: 48.05 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

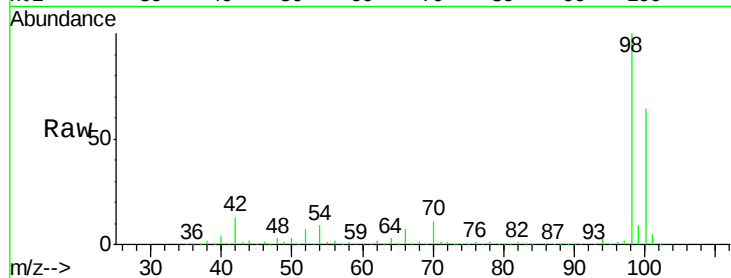
LF6-0057

Tot Ion: 98 Resp: 519202

Ion Ratio Lower Upper

98 100

100 62.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

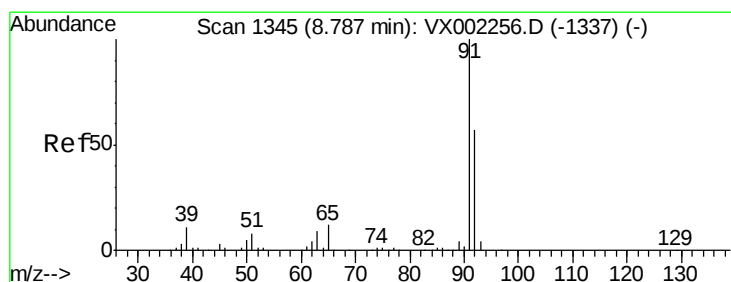
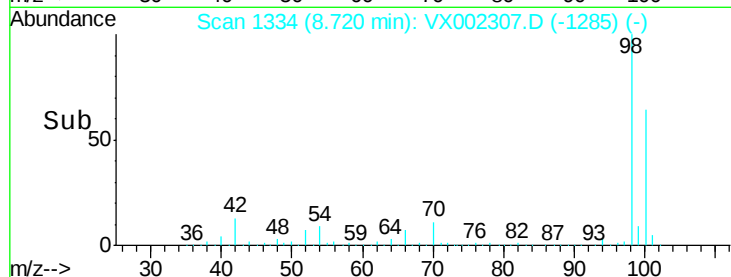
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 0.28 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002307.D

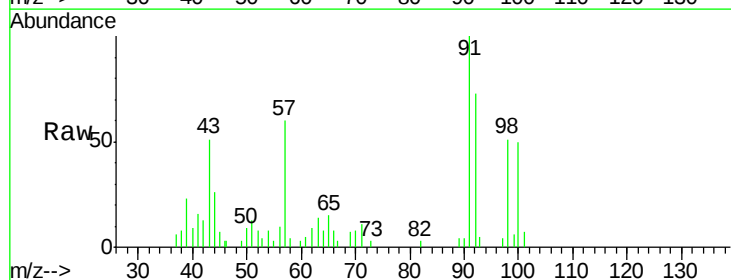
Acq: 05 Jun 2018 15:57

Tgt Ion: 92 Resp: 2065

Ion Ratio Lower Upper

92 100

91 161.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

2000

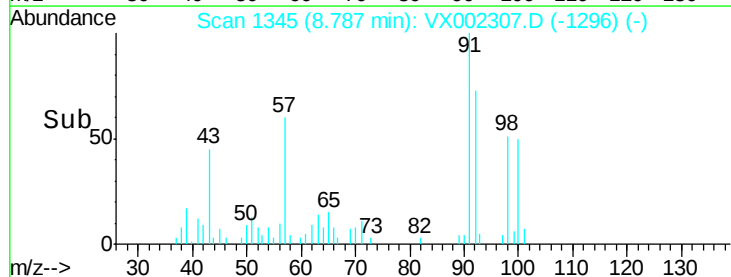
1500

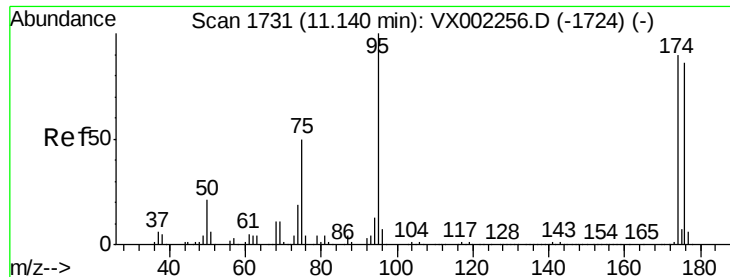
1000

500

0

Time-->





#62

4-Bromofluorobenzene

Concen: 43.30 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

LF6-0057

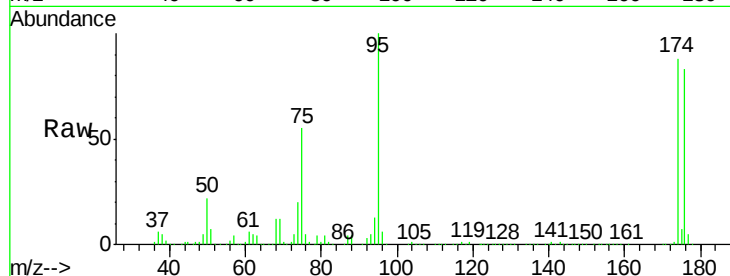
Tot Ion: 95 Resp: 180456

Ion Ratio Lower Upper

95 100

174 94.9 0.0 187.4

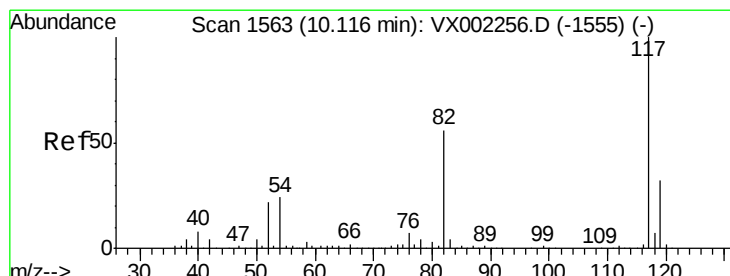
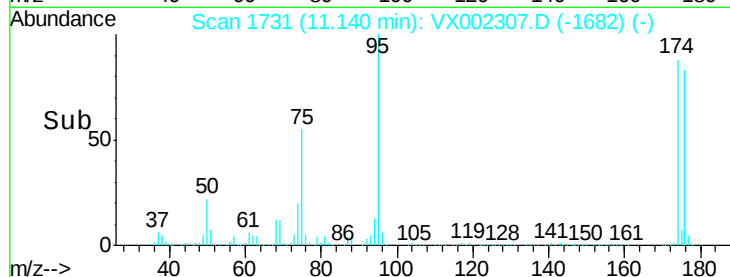
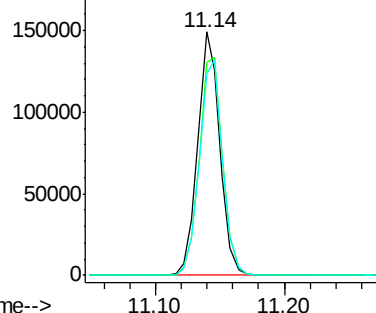
176 92.0 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002256.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002256.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002256.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

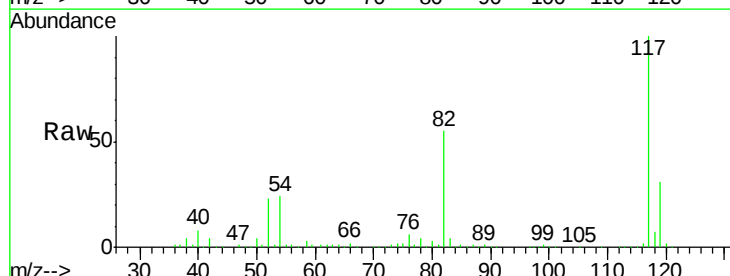
Tgt Ion: 117 Resp: 332204

Ion Ratio Lower Upper

117 100

82 55.2 45.0 67.4

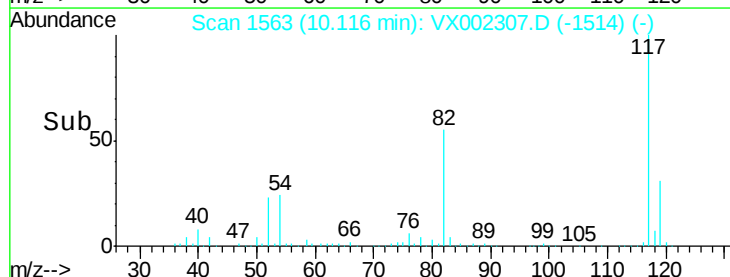
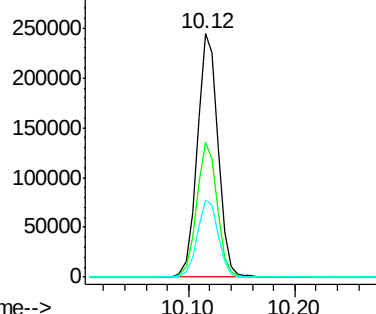
119 31.5 25.8 38.6

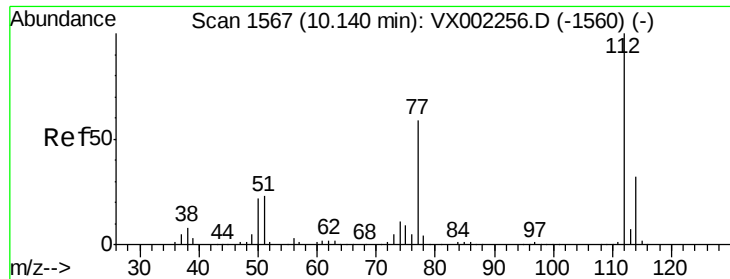


Abundance Ion 116.90 (116.60 to 117.60): VX002256.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX002256.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX002256.D (-1555) (-)

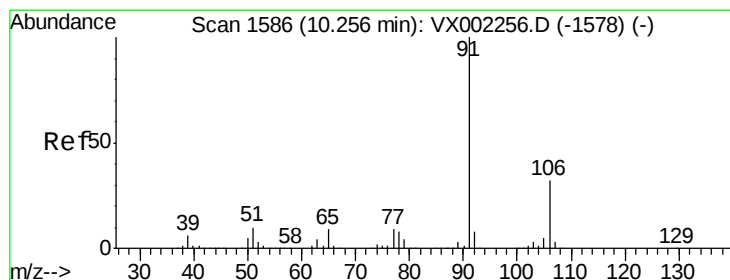
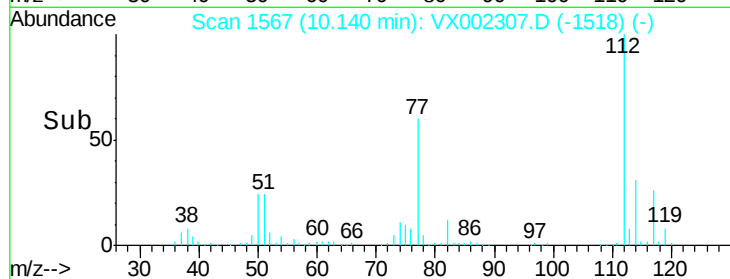
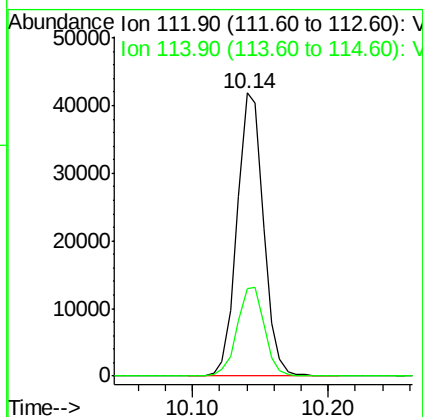
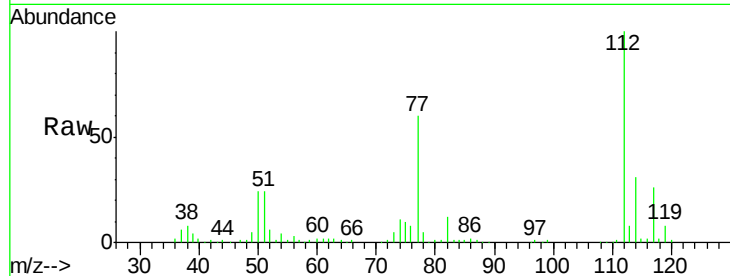




#65
Chlorobenzene
Concen: 6.85 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002307.D
Acq: 05 Jun 2018 15:57

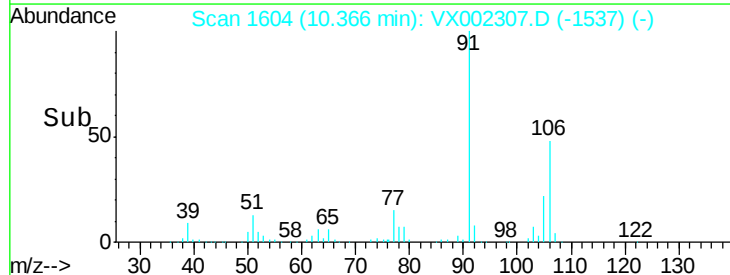
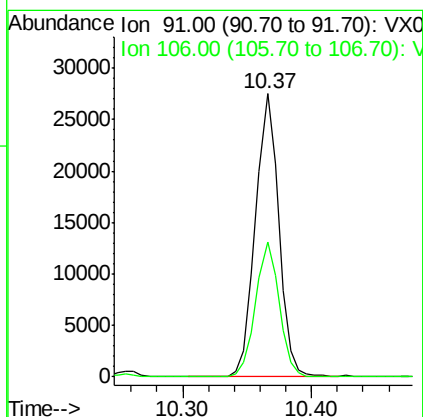
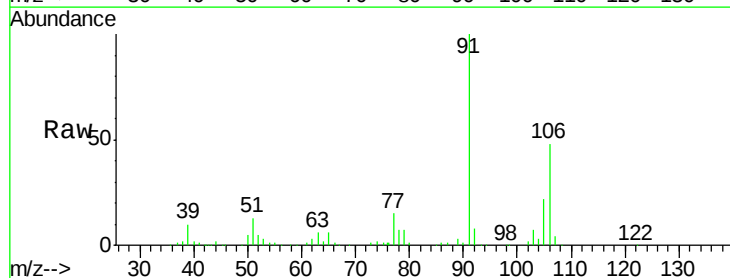
Instrument :
MSVOA_X
ClientSampleId :
LF6-0057

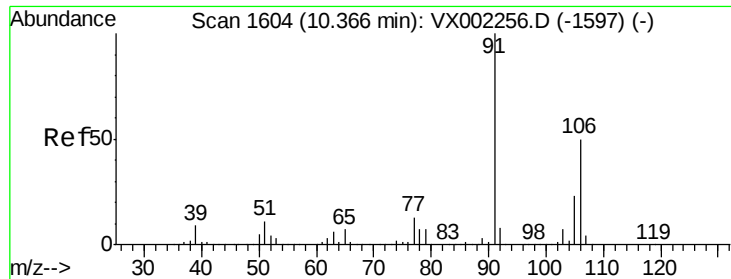
Tot Ion:112 Resp: 56657
Ion Ratio Lower Upper
112 100
114 30.7 25.3 37.9



#67
Ethyl Benzene
Concen: 2.48 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.11 min
Lab File: VX002307.D
Acq: 05 Jun 2018 15:57

Tgt Ion: 91 Resp: 34256
Ion Ratio Lower Upper
91 100
106 47.6 25.5 38.3#

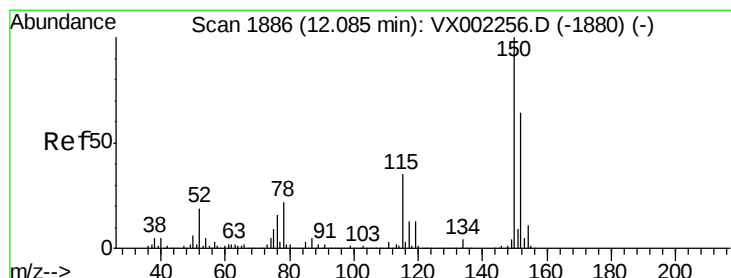
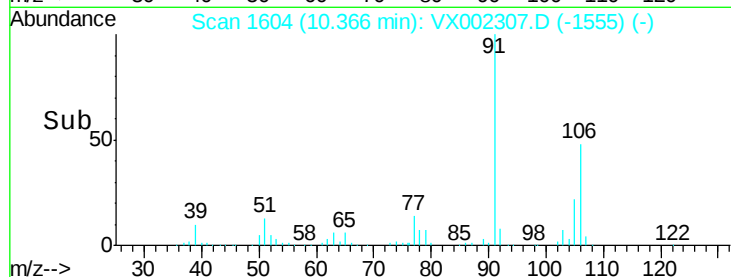
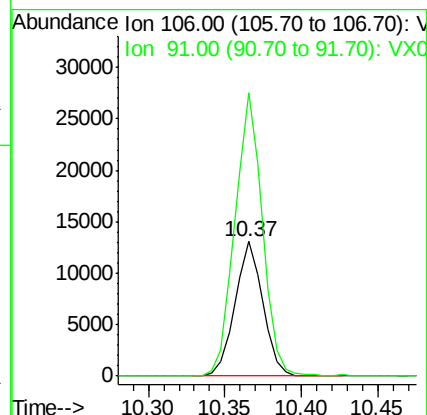
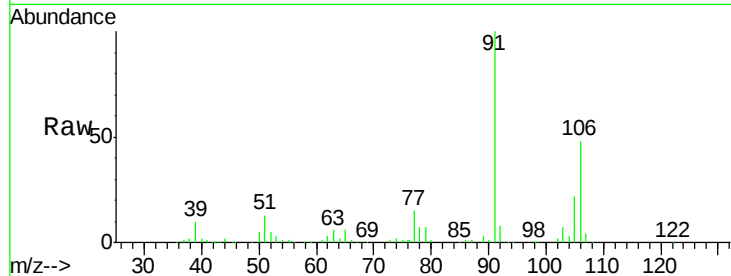




#68
m/p-Xvlenes
Concen: 3.07 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002307.D
Acq: 05 Jun 2018 15:57

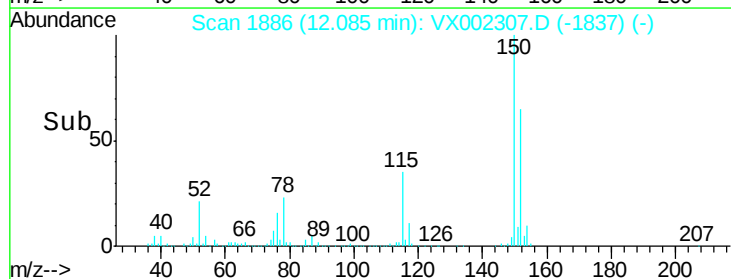
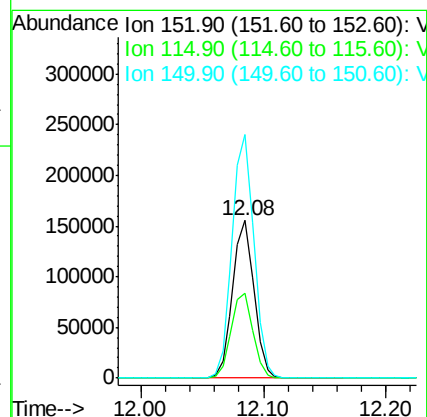
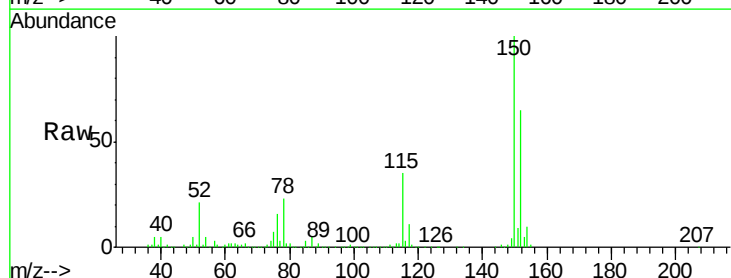
Instrument :
MSVOA_X
ClientSampled :
LF6-0057

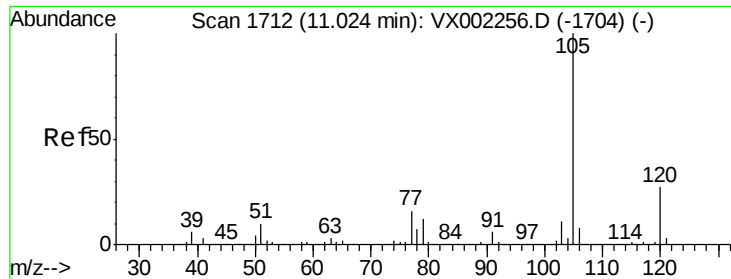
Tot Ion:106 Resp: 16510
Ion Ratio Lower Upper
106 100
91 207.5 163.4 245.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002307.D
Acq: 05 Jun 2018 15:57

Tgt Ion:152 Resp: 187686
Ion Ratio Lower Upper
152 100
115 55.1 40.1 120.2
150 157.7 0.0 347.2





#73

Isopropylbenzene

Concen: 1.07 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

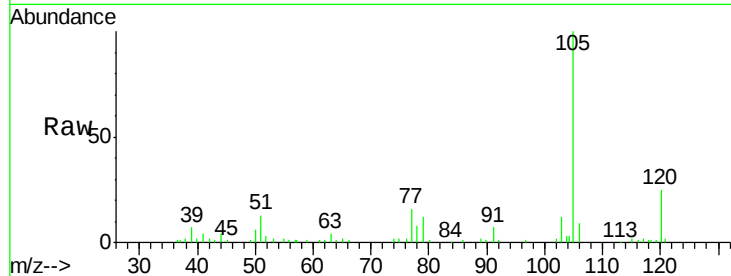
LF6-0057

Tot Ion:105 Resp: 13939

Ion Ratio Lower Upper

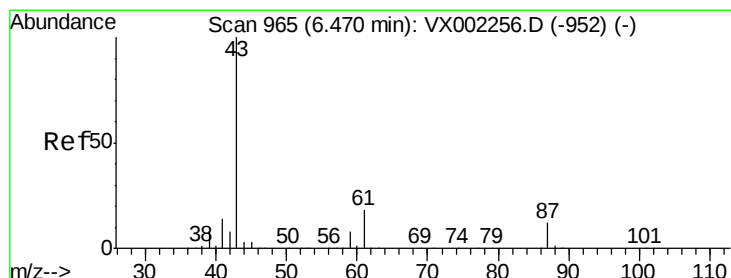
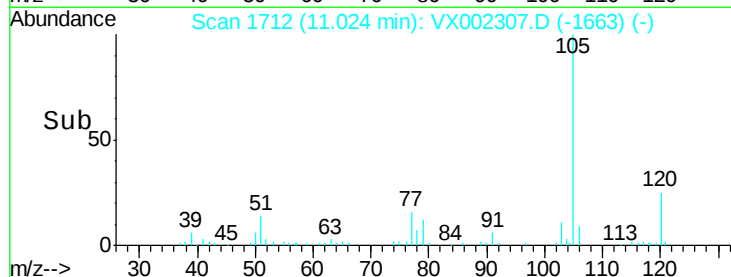
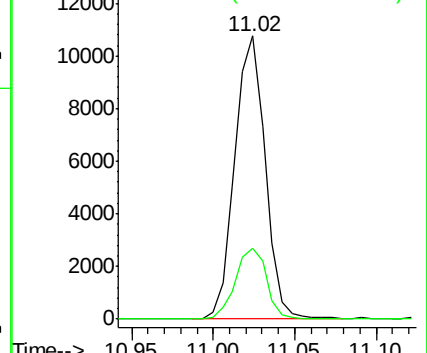
105 100

120 25.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.22 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

Tgt Ion: 43 Resp: 1582

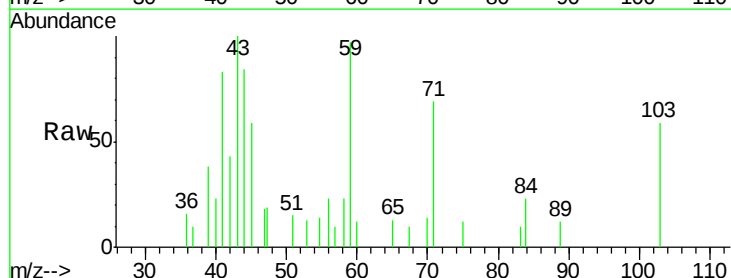
Ion Ratio Lower Upper

43 100

70 7.7 0.0 0.0#

55 15.0 0.0 0.0#

61 0.0 14.4 21.6#

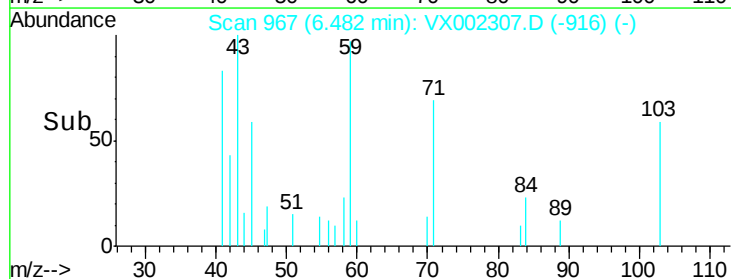
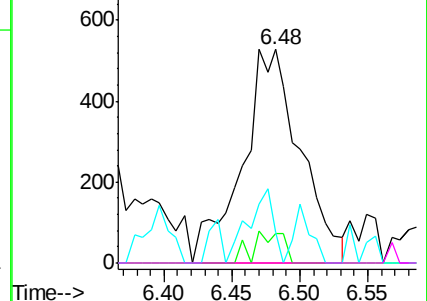


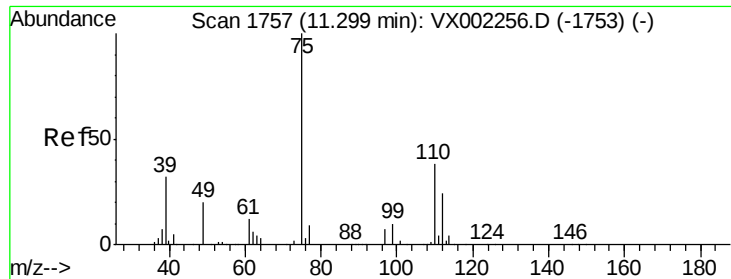
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

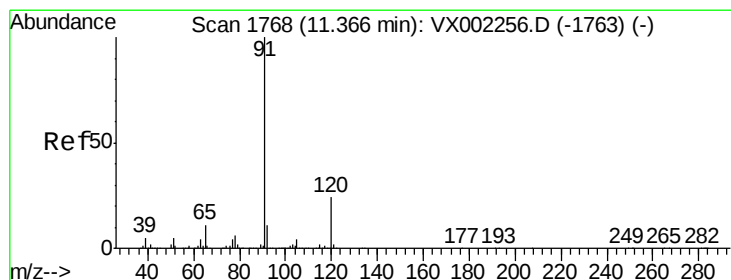
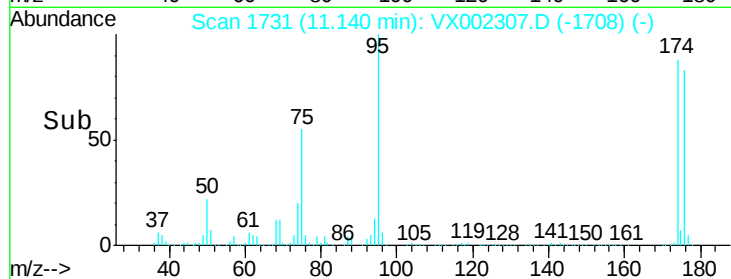
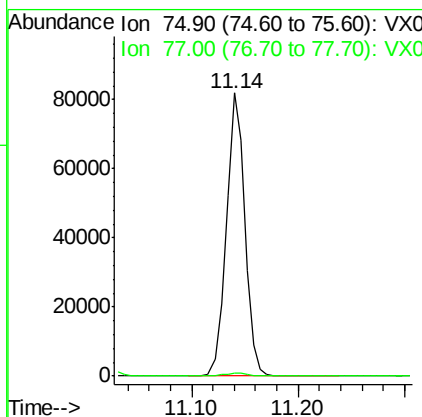
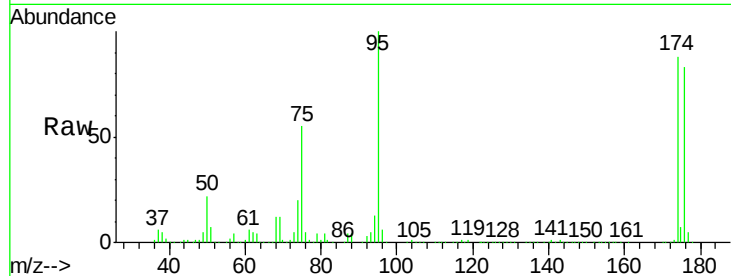




#76
 1,2,3-Trichloropropane
 Concen: 24.19 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX002307.D
 Acq: 05 Jun 2018 15:57

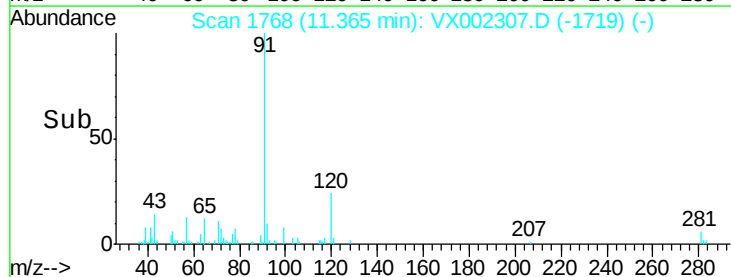
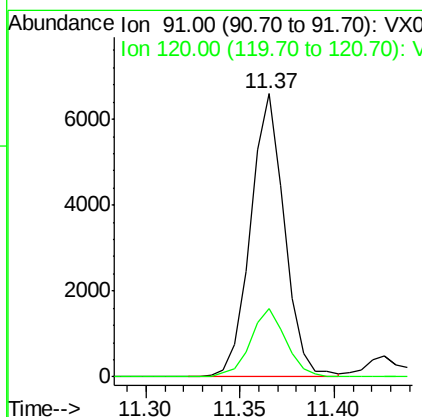
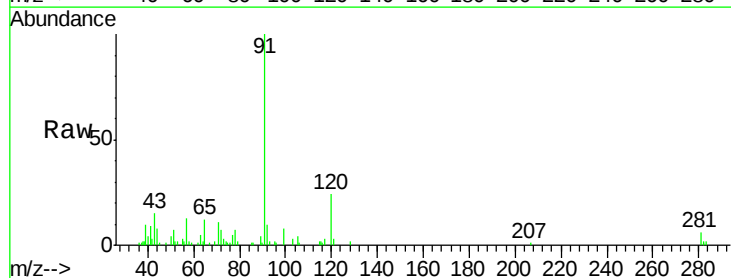
Instrument :
 MSVOA_X
 ClientSampled :
 LF6-0057

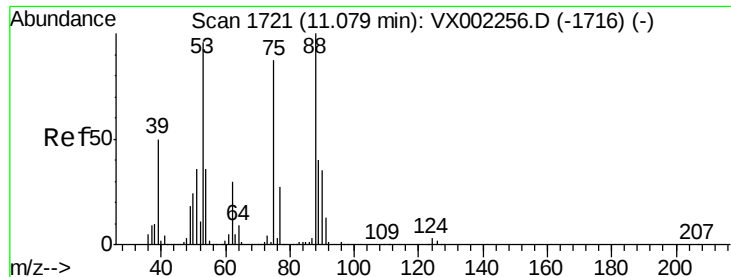
Tot Ion: 75 Resp: 99615
 Ion Ratio Lower Upper
 75 100
 77 1.2 22.8 68.3#



#78
 n-propylbenzene
 Concen: 0.57 ug/l
 RT: 11.37 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: VX002307.D
 Acq: 05 Jun 2018 15:57

Tgt Ion: 91 Resp: 8210
 Ion Ratio Lower Upper
 91 100
 120 25.1 11.8 35.4





#81

trans-1,4-Dichloro-2-butene

Concen: 84.79 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

LF6-0057

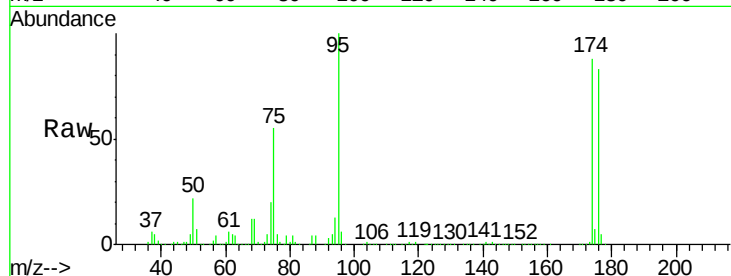
Tot Ion: 75 Resp: 99615

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

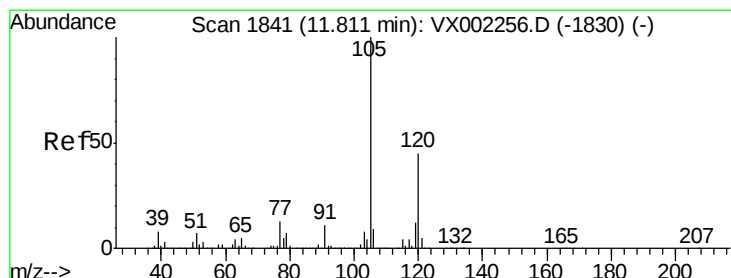
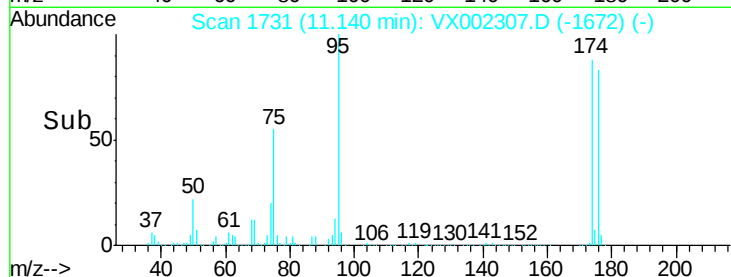
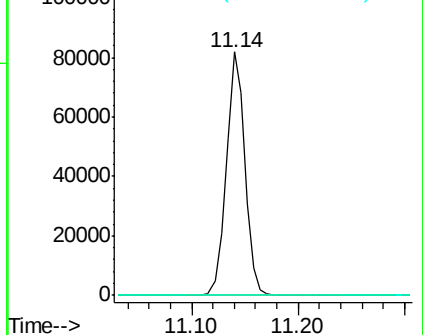
89 0.0 38.2 57.2#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.67 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002307.D

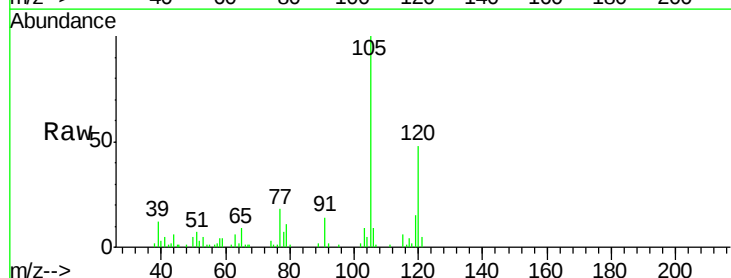
Acq: 05 Jun 2018 15:57

Tgt Ion: 105 Resp: 7738

Ion Ratio Lower Upper

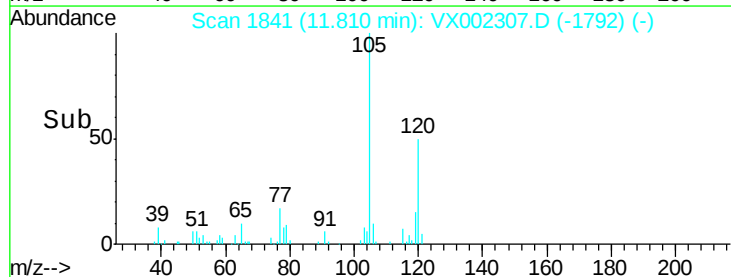
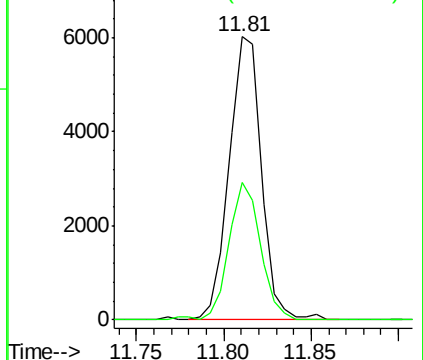
105 100

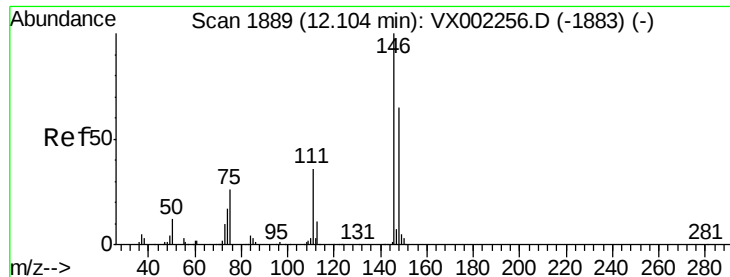
120 47.8 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#88

1,4-Dichlorobenzene

Concen: 2.42 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002307.D

Acq: 05 Jun 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

LF6-0057

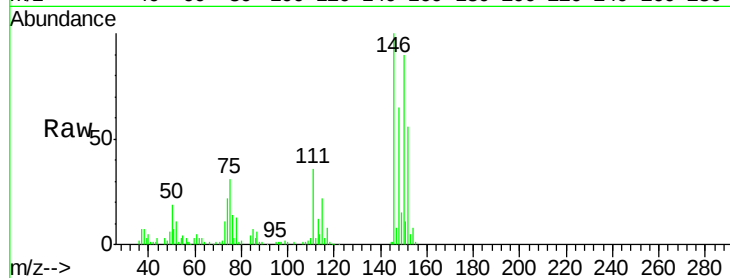
Tot Ion:146 Resp: 16331

Ion Ratio Lower Upper

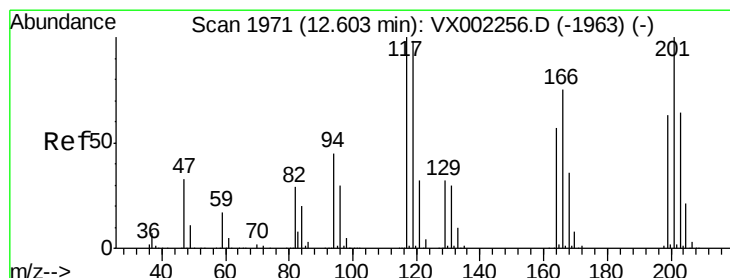
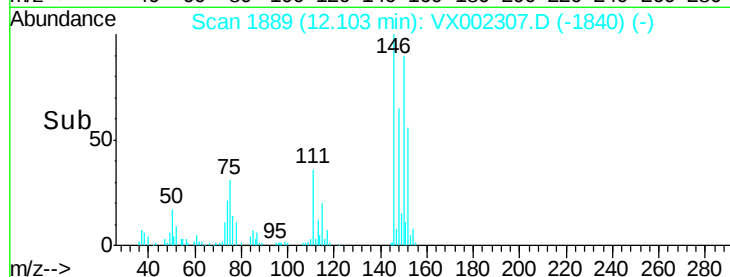
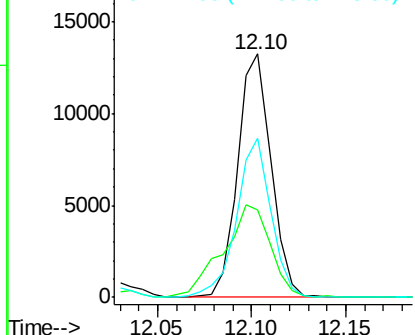
146 100

111 54.1 18.7 56.1

148 67.4 32.4 97.0



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



#90

Hexachloroethane

Concen: 0.40 ug/l

RT: 12.71 min Scan# 1988

Delta R.T. 0.10 min

Lab File: VX002307.D

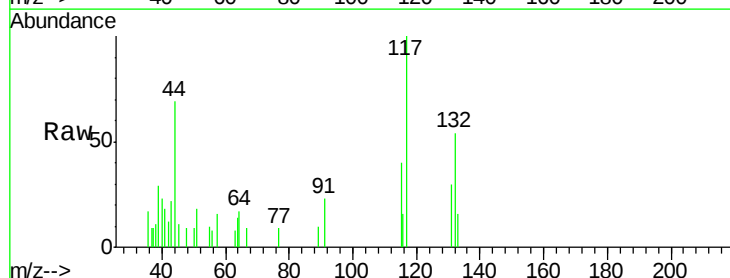
Acq: 05 Jun 2018 15:57

Tgt Ion:117 Resp: 743

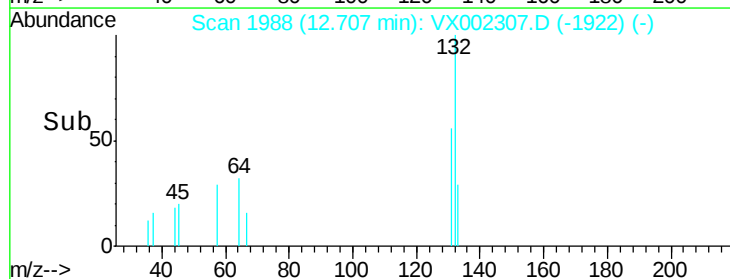
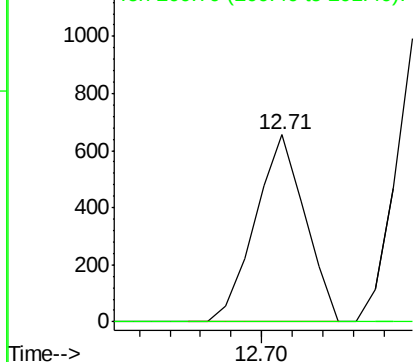
Ion Ratio Lower Upper

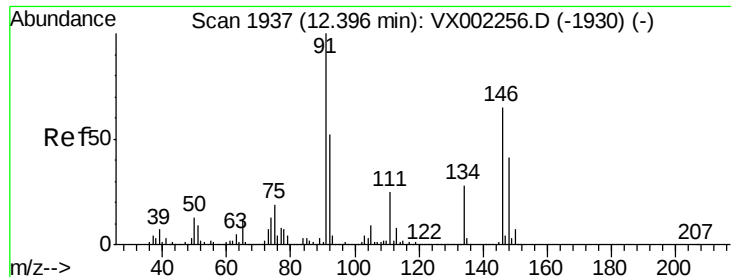
117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

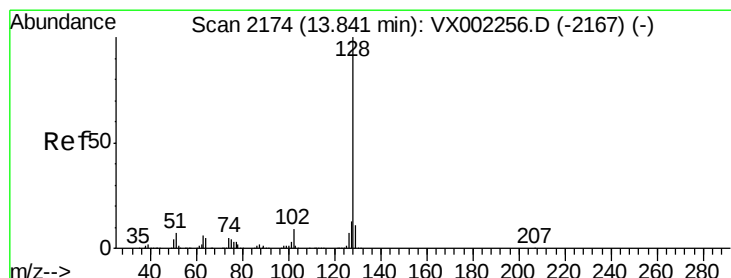
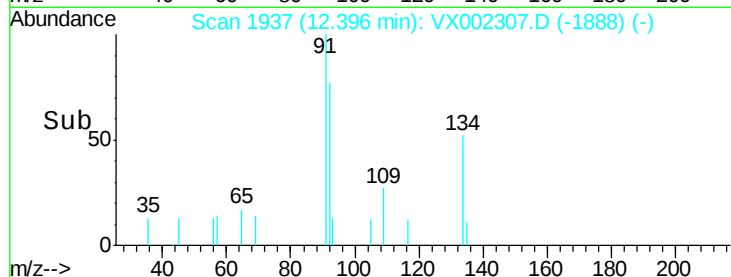
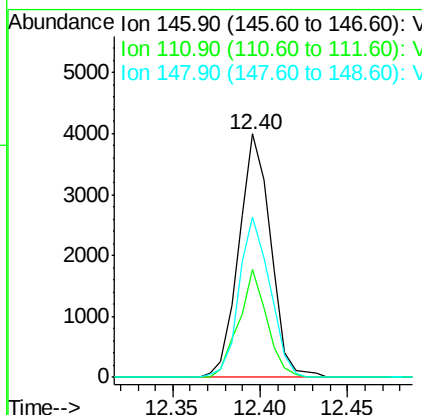
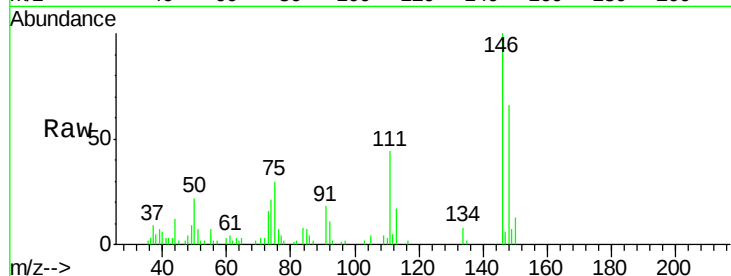




#91
1,2-Dichlorobenzene
Concen: 0.74 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002307.D
Acq: 05 Jun 2018 15:57

Instrument :
MSVOA_X
ClientSampleId :
LF6-0057

Tot Ion:146 Resp: 5050
Ion Ratio Lower Upper
146 100
111 39.1 19.4 58.1
148 64.3 31.7 95.1



#95
Naphthalene
Concen: 1.16 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002307.D
Acq: 05 Jun 2018 15:57

Tgt Ion:128 Resp: 15870
Ion Ratio Lower Upper
128 100
127 14.0 10.4 15.6
129 12.2 8.6 13.0

