

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF080118\
 Data File : VF059754.D
 Acq On : 1 Aug 2018 14:44
 Operator : VA/AP
 Sample : J3825-15RE
 Misc : 5.93g/5mL/MSVOA_F/SOIL
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-073018-C

Quant Time: Aug 02 05:28:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	194163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	272079	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	253694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	129236	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	164257	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
35) Dibromofluoromethane	4.29	113	127079	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	
50) Toluene-d8	7.71	98	243249	36.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.82%	
62) 4-Bromofluorobenzene	11.51	95	118801	32.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.01	85	222	Below Cal	#	44
3) Chloromethane	1.07	50	256	Below Cal	#	38
4) Vinyl Chloride	1.09	62	63	Below Cal	#	47
5) Bromomethane	1.37	94	820	Below Cal	#	39
6) Chloroethane	1.40	64	79	Below Cal	#	1
8) Diethyl Ether	1.70	74	2526	4.074	ug/l	83
10) Methyl Iodide	1.84	142	64	Below Cal	#	20
11) Tert butyl alcohol	2.68	59	432	1.621	ug/l #	74
13) Acrolein	2.04	56	109	17.449	ug/l	87
15) Acrylonitrile	3.06	53	694	3.140	ug/l #	24
16) Acetone	2.34	43	7634	12.163	ug/l #	81
17) Carbon Disulfide	1.86	76	160	Below Cal	#	22
18) Methyl Acetate	2.49	43	2813	Below Cal	#	64
20) Methylene Chloride	2.27	84	2694	Below Cal	#	76
21) trans-1,2-Dichloroethene	2.40	96	182	Below Cal	#	1
28) Bromochloromethane	3.91	49	77	Below Cal	#	15
31) Cyclohexane	3.79	56	70	Below Cal	#	15
36) 1,1-Dichloropropene	4.43	75	355	Below Cal	#	46
37) Ethyl Acetate	4.28	43	673	Below Cal	#	19
39) Methylcyclohexane	5.61	83	88	Below Cal	#	74
41) Methacrylonitrile	4.93	41	263	Below Cal	#	56
44) Trichloroethene	5.67	130	65	Below Cal	#	65
49) 1,4-Dioxane	6.91	88	186	Below Cal	#	21
51) 4-Methyl-2-Pentanone	8.41	43	1692	1.367	ug/l #	80
52) Toluene	7.77	92	297	Below Cal		96
59) 2-Hexanone	9.63	43	3416	3.444	ug/l	89
68) m/p-Xylenes	10.26	106	722	Below Cal	#	53
78) n-propylbenzene	11.68	91	953	Below Cal		99
79) 2-Chlorotoluene	11.81	91	627	Below Cal		100
80) 1,3,5-Trimethylbenzene	11.92	105	516	Below Cal		79
82) 4-Chlorotoluene	11.99	91	1060	Below Cal		95
84) 1,2,4-Trimethylbenzene	12.29	105	824	Below Cal		100
85) sec-Butylbenzene	12.39	105	577	Below Cal	#	72
86) p-Isopropyltoluene	12.55	119	486	Below Cal	#	75

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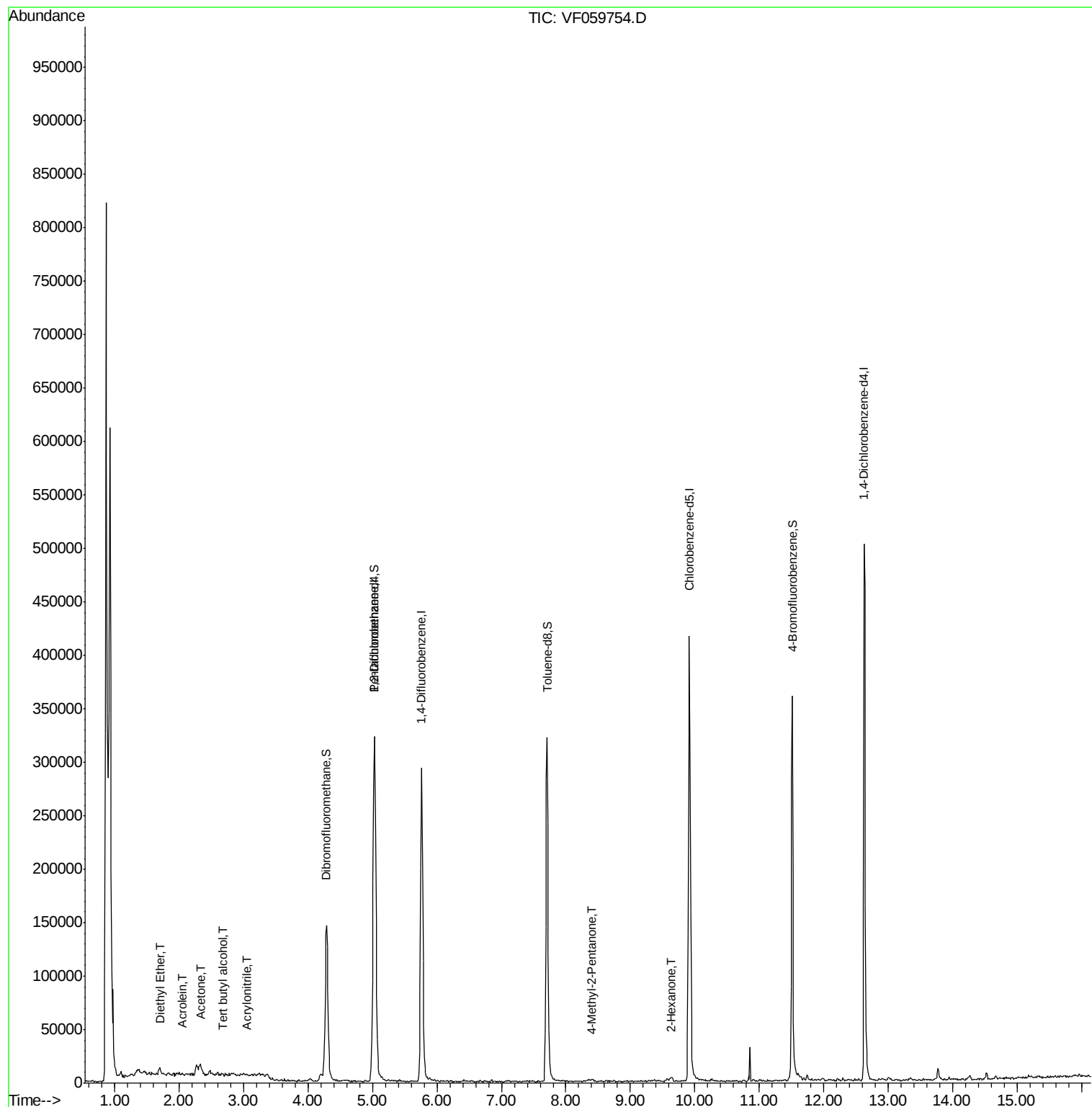
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	12.56	146	564	Below Cal	#	49
88) 1,4-Dichlorobenzene	12.65	146	826	Below Cal	#	51
89) n-Butylbenzene	12.91	91	1006	Below Cal		92
91) 1,2-Dichlorobenzene	13.02	146	644	Below Cal		87
93) 1,2,4-Trichlorobenzene	14.27	180	806	Below Cal		95

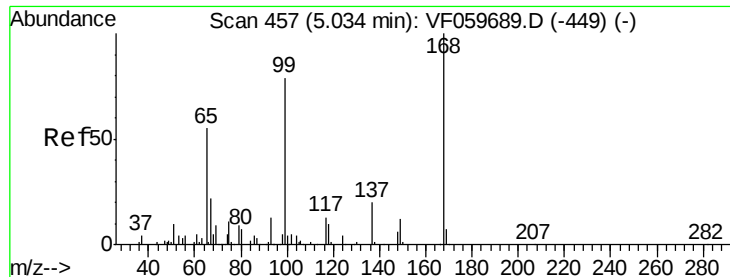
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF059754.D

Acq: 1 Aug 2018 14:44

Instrument :

MSVOA_F

ClientSampleId :

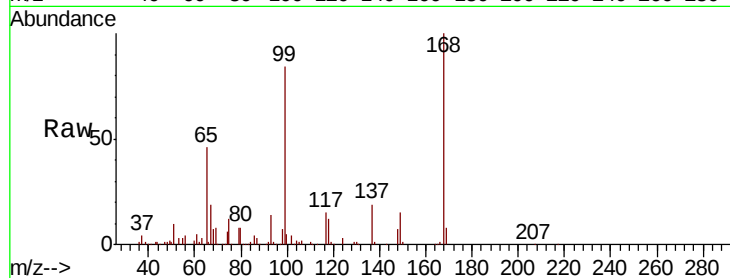
CL-01-073018-C

Tgt Ion:168 Resp: 194163

Ion Ratio Lower Upper

168 100

99 83.7 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

60000

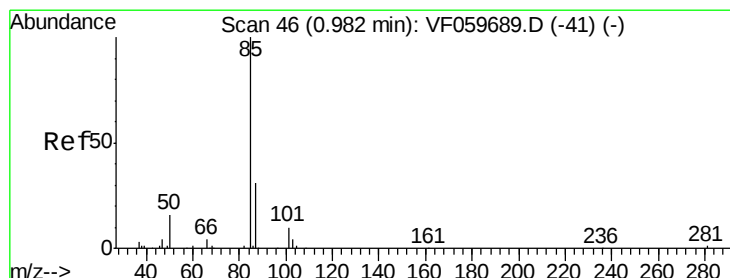
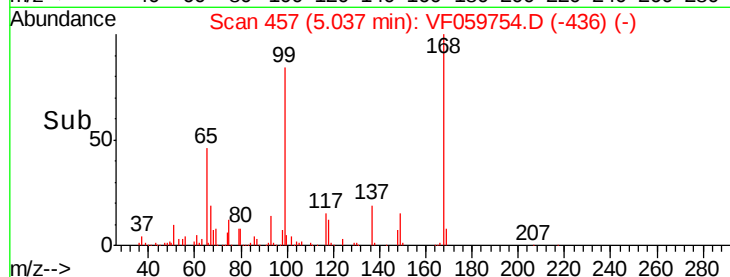
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.01 min Scan# 49

Delta R.T. 0.03 min

Lab File: VF059754.D

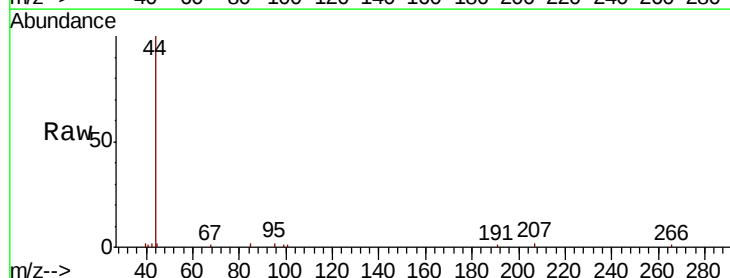
Acq: 1 Aug 2018 14:44

Tgt Ion: 85 Resp: 222

Ion Ratio Lower Upper

85 100

87 0.0 15.3 45.8#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

300

250

200

150

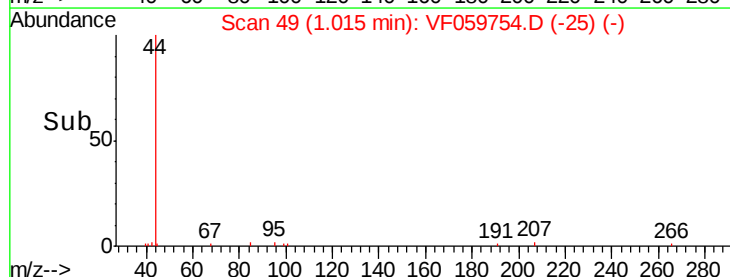
100

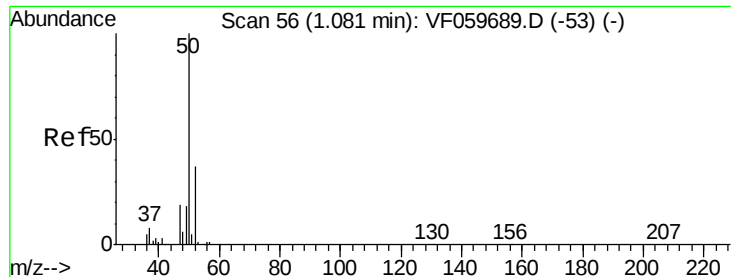
50

0

Time-->

0.98 1.00 1.02 1.04





#3

Chloromethane

Concen: Below Cal

RT: 1.07 min Scan# 55

Delta R.T. -0.01 min

Lab File: VF059754.D

Acq: 1 Aug 2018 14:44

Instrument :

MSVOA_F

ClientSampleId :

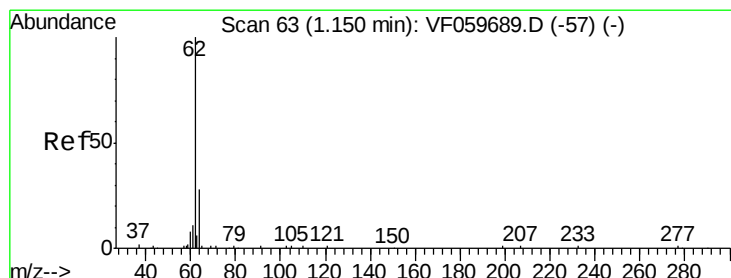
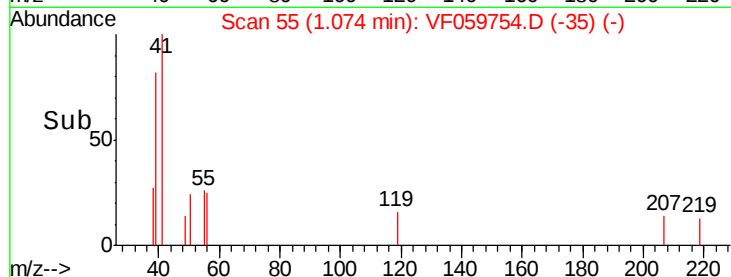
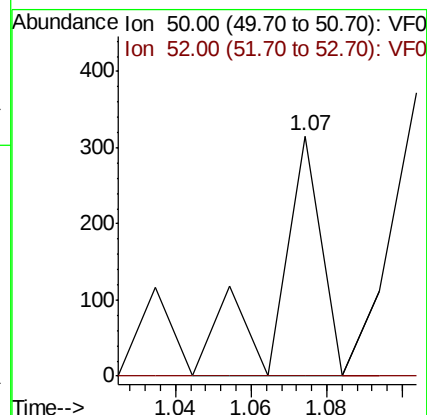
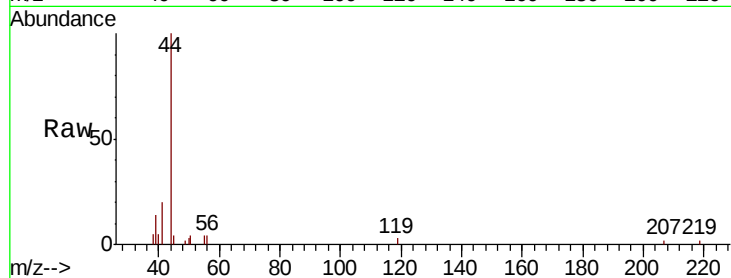
CL-01-073018-C

Tgt Ion: 50 Resp: 256

Ion Ratio Lower Upper

50 100

52 0.0 29.1 43.7#



#4

Vinyl Chloride

Concen: Below Cal

RT: 1.09 min Scan# 57

Delta R.T. -0.06 min

Lab File: VF059754.D

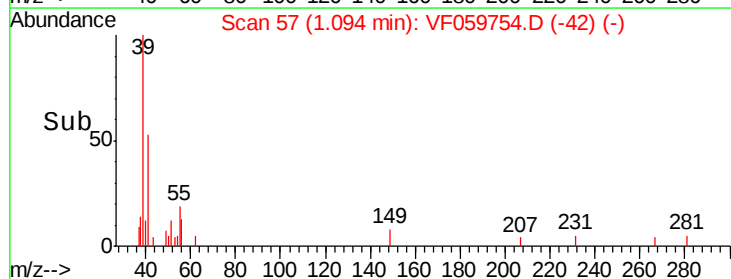
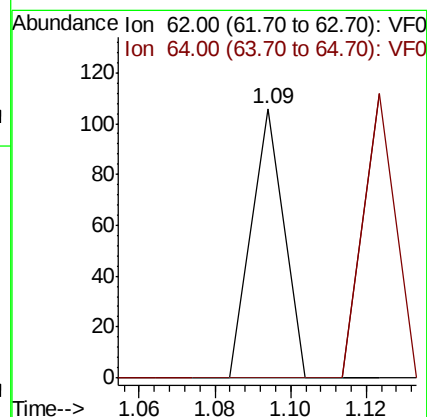
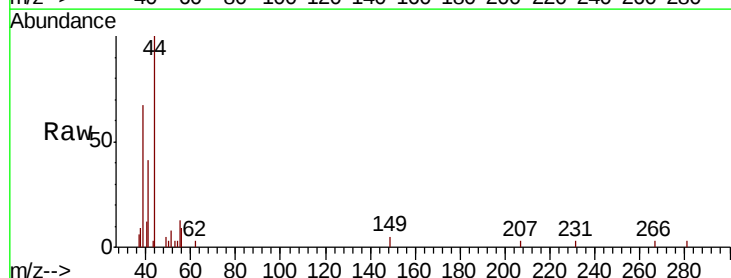
Acq: 1 Aug 2018 14:44

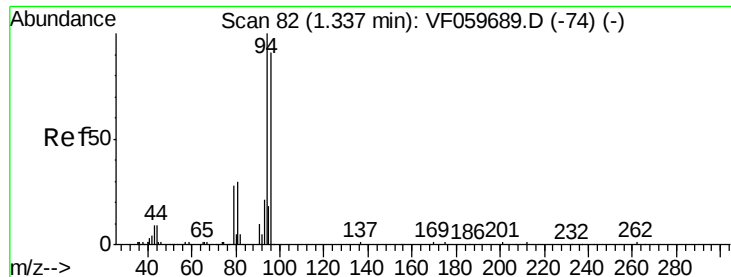
Tgt Ion: 62 Resp: 63

Ion Ratio Lower Upper

62 100

64 0.0 22.6 33.8#





#5

Bromomethane

Concen: Below Cal

RT: 1.37 min Scan# 85

Delta R.T. 0.03 min

Lab File: VF059754.D

Acq: 1 Aug 2018 14:44

Instrument :

MSVOA_F

ClientSampleId :

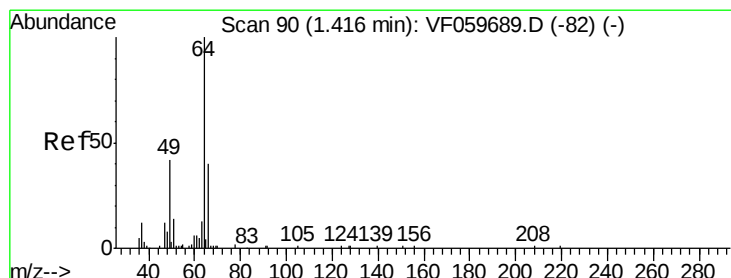
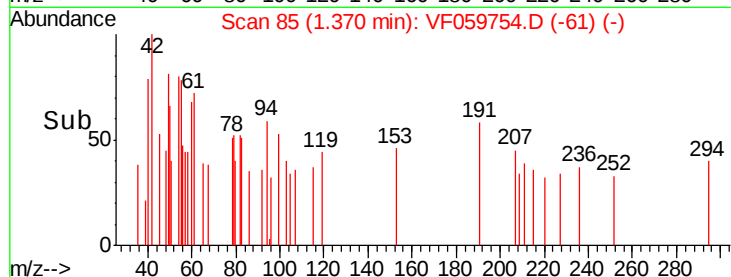
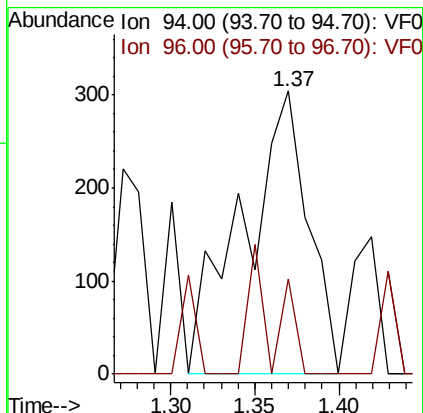
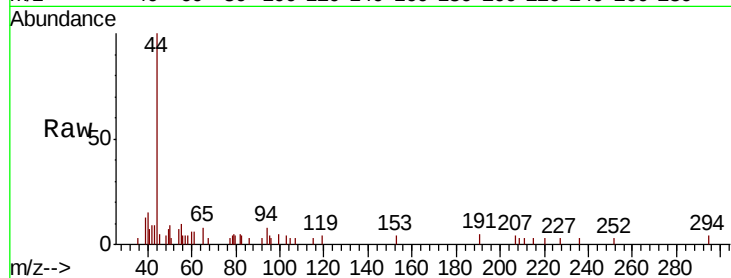
CL-01-073018-C

Tgt Ion: 94 Resp: 820

Ion Ratio Lower Upper

94 100

96 33.9 73.6 110.4#



#6

Chloroethane

Concen: Below Cal

RT: 1.40 min Scan# 88

Delta R.T. -0.02 min

Lab File: VF059754.D

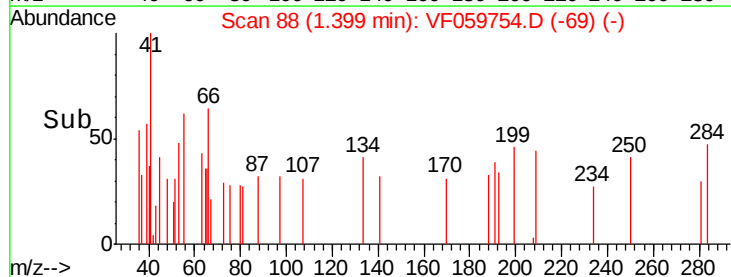
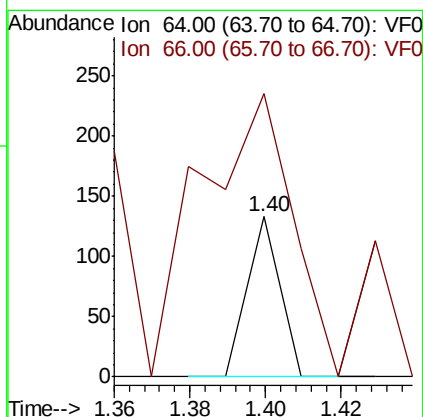
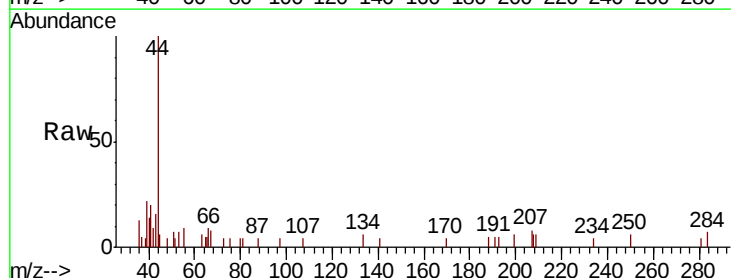
Acq: 1 Aug 2018 14:44

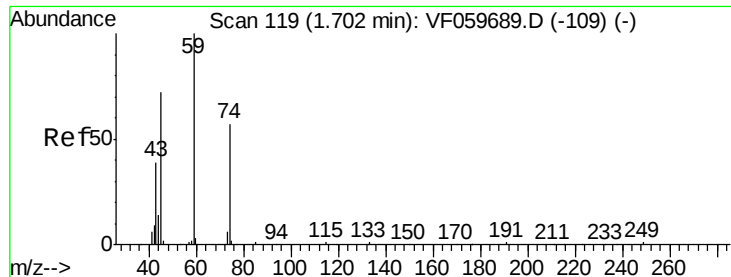
Tgt Ion: 64 Resp: 79

Ion Ratio Lower Upper

64 100

66 176.7 32.6 49.0#





#8

Diethyl Ether

Concen: 4.074 ug/l

RT: 1.70 min Scan# 118

Delta R.T. -0.01 min

Lab File: VF059754.D

Acq: 1 Aug 2018 14:44

Instrument :

MSVOA_F

ClientSampleId :

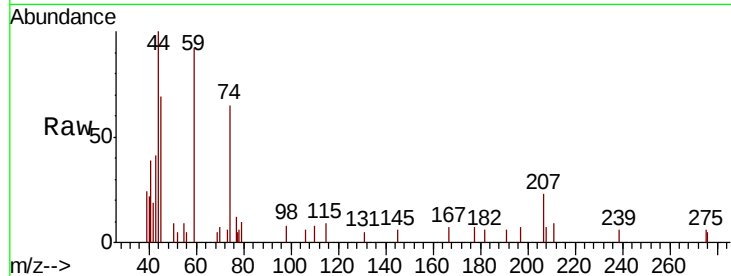
CL-01-073018-C

Tgt Ion: 74 Resp: 2526

Ion Ratio Lower Upper

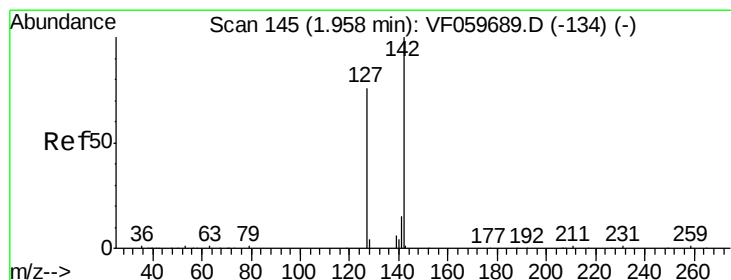
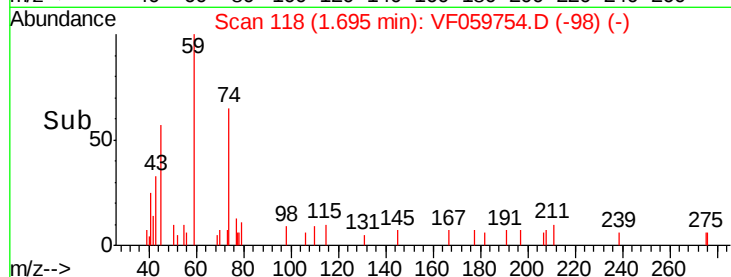
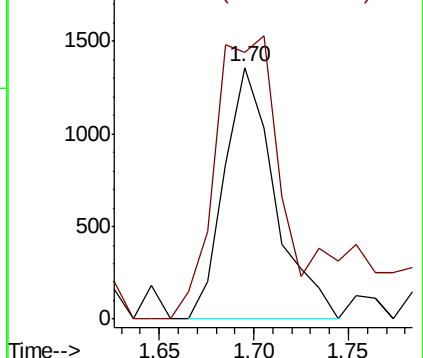
74 100

45 105.7 62.7 188.2



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0



#10

Methyl Iodide

Concen: Below Cal

RT: 1.84 min Scan# 133

Delta R.T. -0.11 min

Lab File: VF059754.D

Acq: 1 Aug 2018 14:44

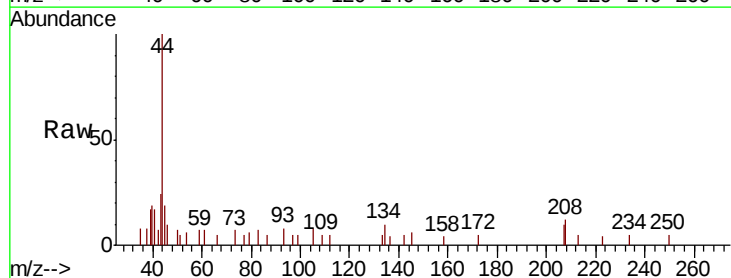
Tgt Ion: 142 Resp: 64

Ion Ratio Lower Upper

142 100

127 0.0 60.6 91.0#

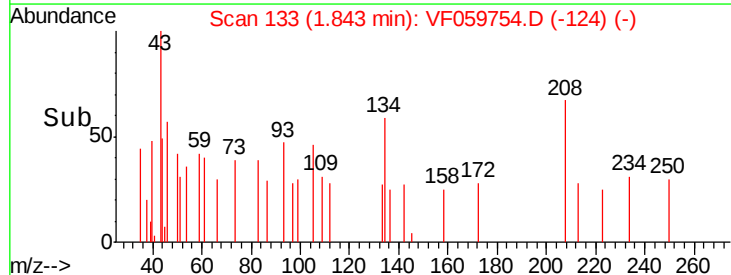
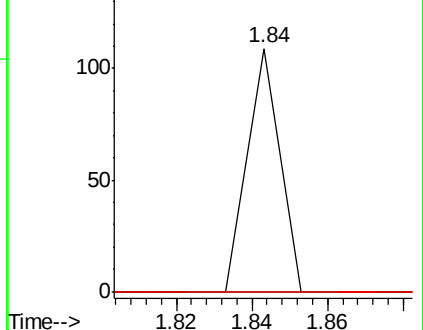
141 0.0 12.0 18.0#

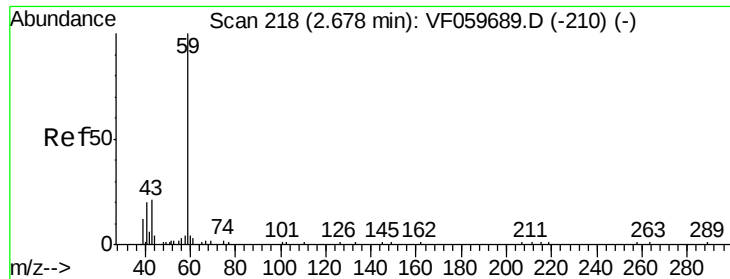


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

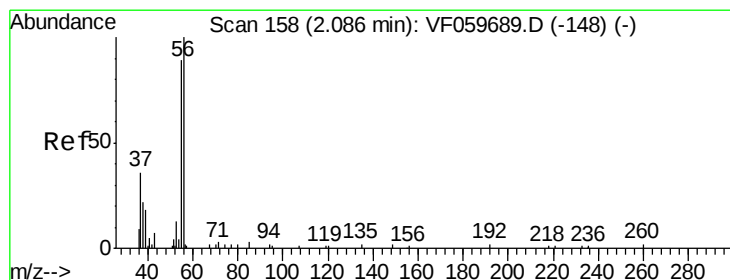
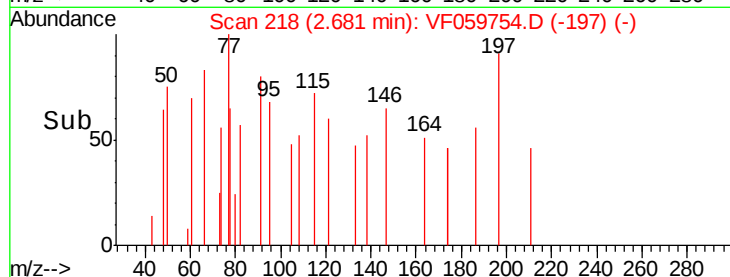
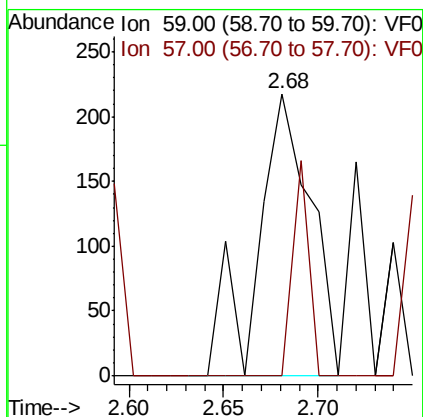
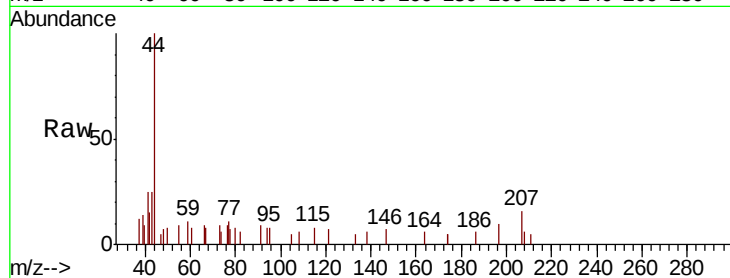




#11
Tert butyl alcohol
Concen: 1.621 ug/l
RT: 2.68 min Scan# 218
Delta R.T. 0.00 min
Lab File: VF059754.D
Acq: 1 Aug 2018 14:44

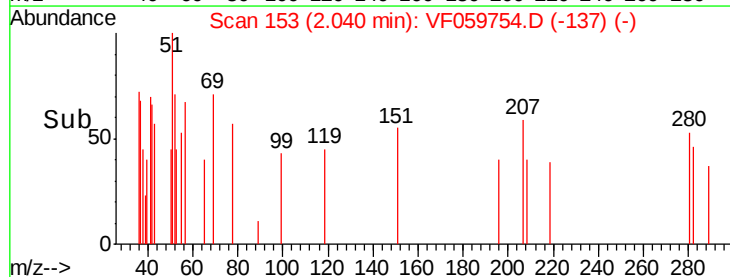
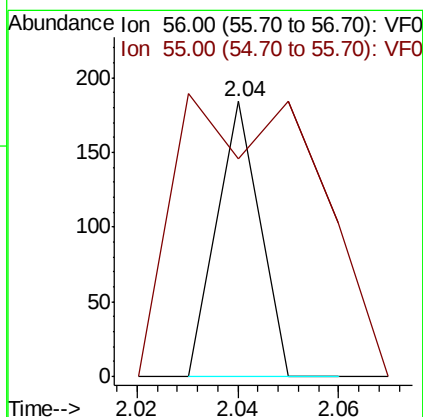
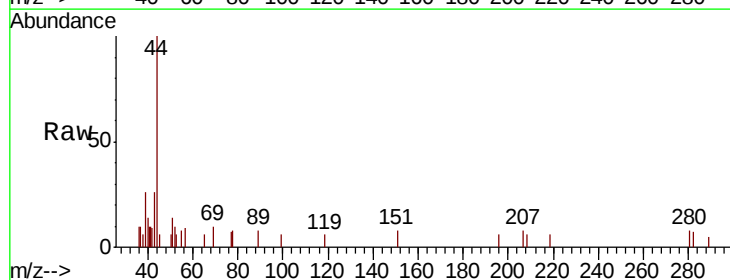
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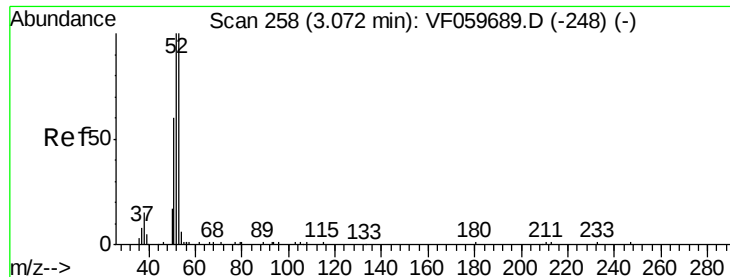
Tgt Ion: 59 Resp: 432
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#



#13
Acrolein
Concen: 17.449 ug/l
RT: 2.04 min Scan# 153
Delta R.T. -0.05 min
Lab File: VF059754.D
Acq: 1 Aug 2018 14:44

Tgt Ion: 56 Resp: 109
Ion Ratio Lower Upper
56 100
55 79.3 73.2 109.8





#15

Acrylonitrile

Concen: 3.140 ug/l

RT: 3.06 min Scan# 256

Delta R.T. -0.02 min

Lab File: VF059754.D

Acq: 1 Aug 2018 14:44

Instrument :

MSVOA_F

ClientSampleId :

CL-01-073018-C

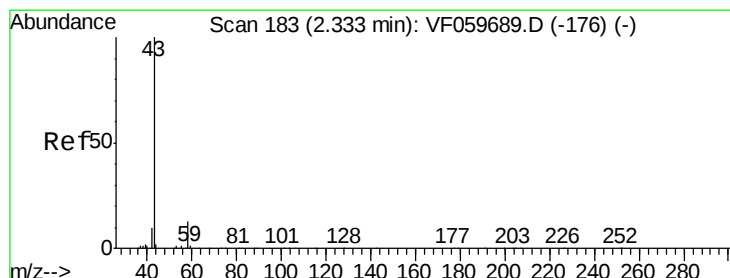
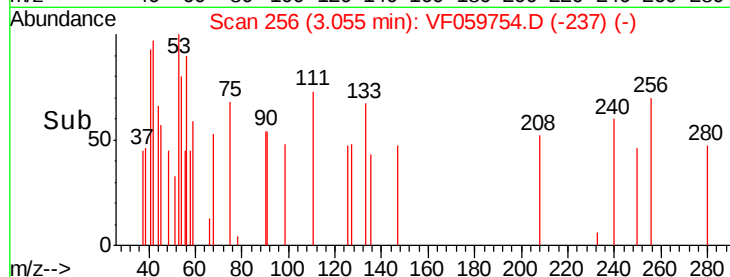
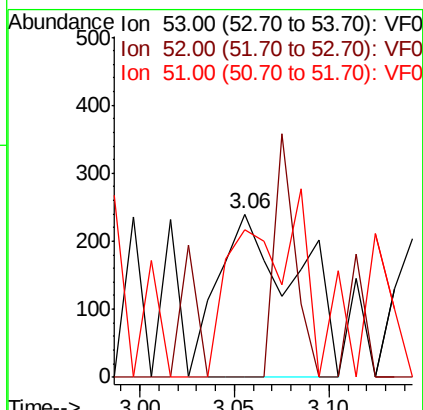
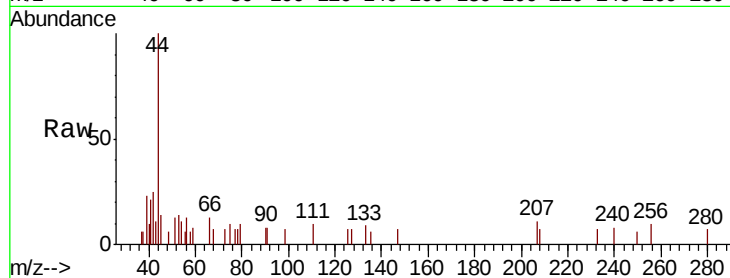
Tgt Ion: 53 Resp: 694

Ion Ratio Lower Upper

53 100

52 0.0 80.3 120.5#

51 90.0 49.4 74.0#



#16

Acetone

Concen: 12.163 ug/l

RT: 2.34 min Scan# 183

Delta R.T. 0.00 min

Lab File: VF059754.D

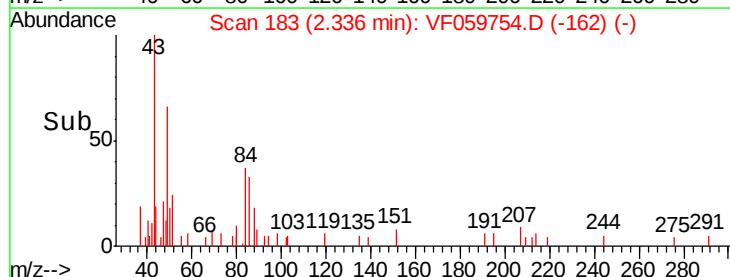
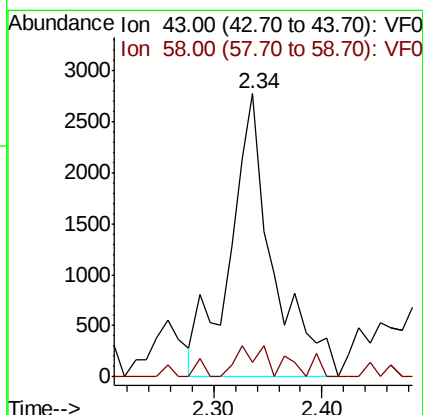
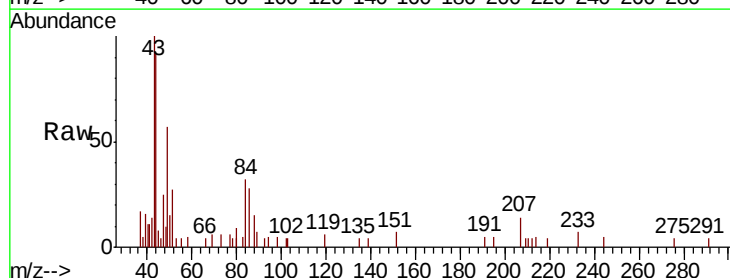
Acq: 1 Aug 2018 14:44

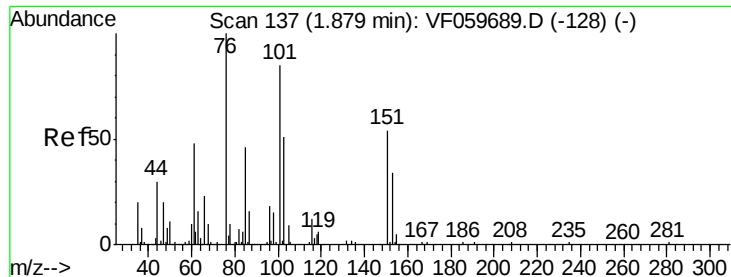
Tgt Ion: 43 Resp: 7634

Ion Ratio Lower Upper

43 100

58 5.1 10.1 15.1#





#17

Carbon Disulfide

Concen: Below Cal

RT: 1.86 min Scan# 135

Delta R.T. -0.02 min

Lab File: VF059754.D

Acq: 1 Aug 2018 14:44

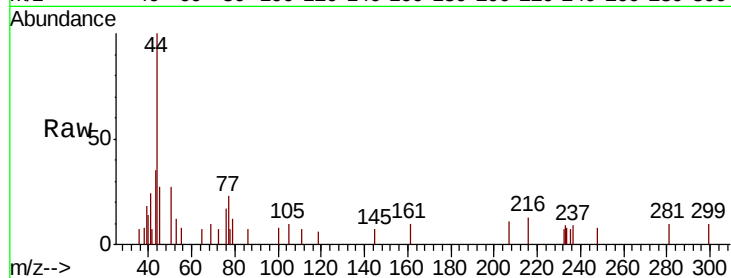
Instrument :
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Tgt Ion: 76 Resp: 160

Ion Ratio Lower Upper

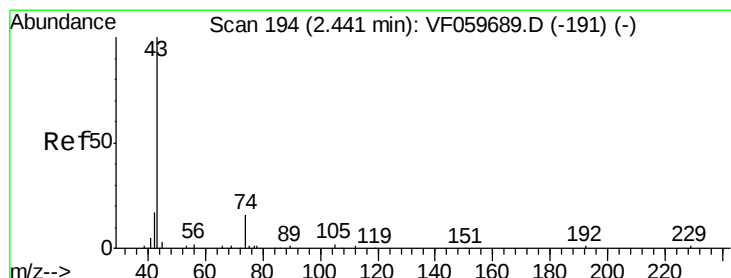
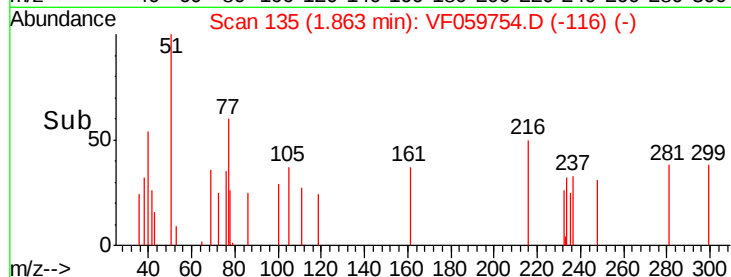
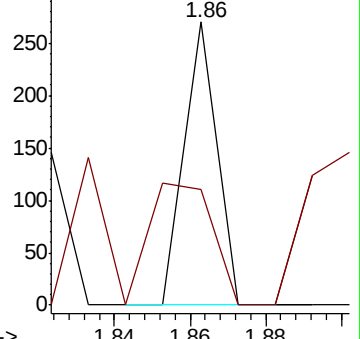
76 100

78 40.7 8.9 13.3#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#18

Methyl Acetate

Concen: Below Cal

RT: 2.49 min Scan# 199

Delta R.T. 0.05 min

Lab File: VF059754.D

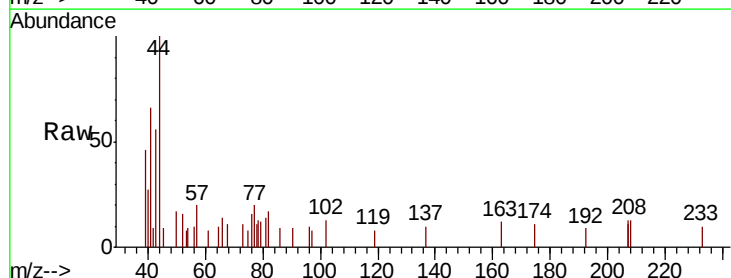
Acq: 1 Aug 2018 14:44

Tgt Ion: 43 Resp: 2813

Ion Ratio Lower Upper

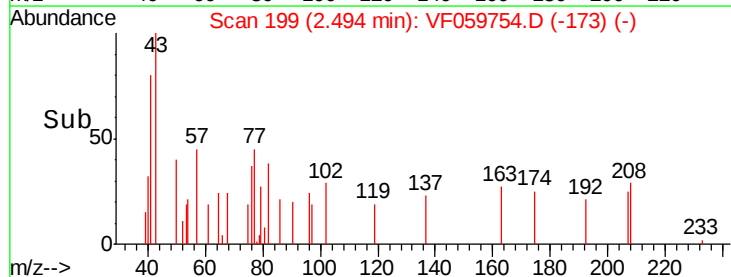
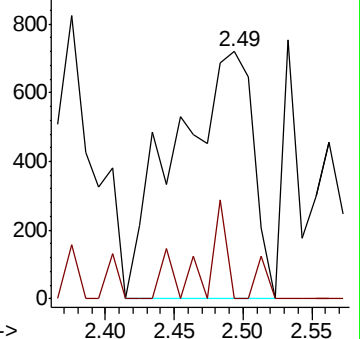
43 100

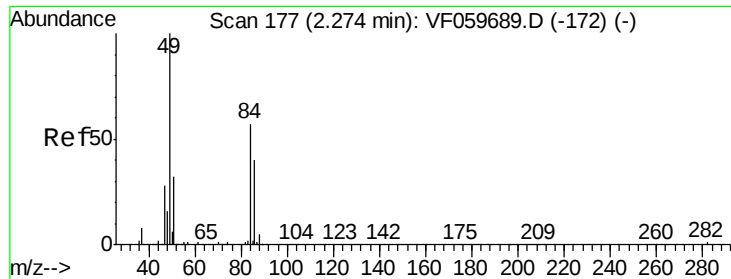
74 0.0 11.8 17.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0



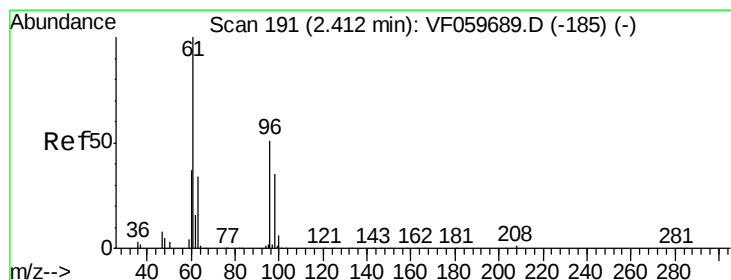
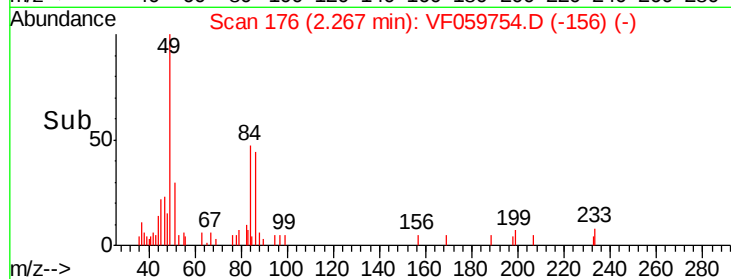
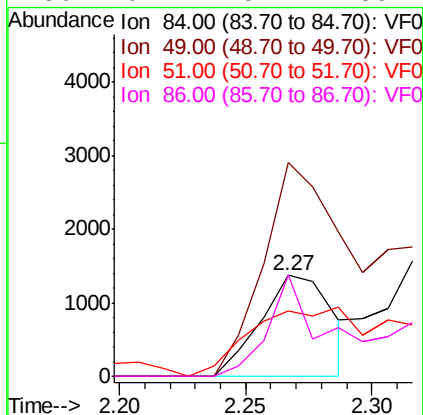
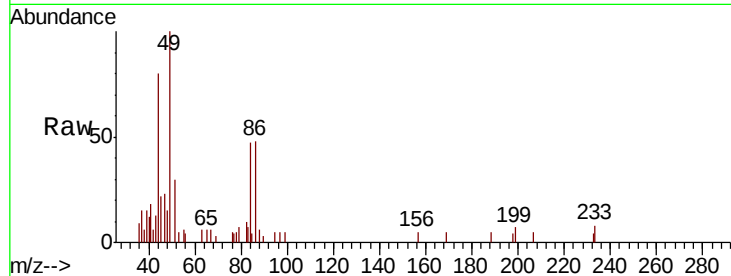


#20

Methylene Chloride
 Concen: Below Cal
 RT: 2.27 min Scan# 176
 Delta R.T. -0.01 min
 Lab File: VF059754.D
 Acq: 1 Aug 2018 14:44

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-073018-C

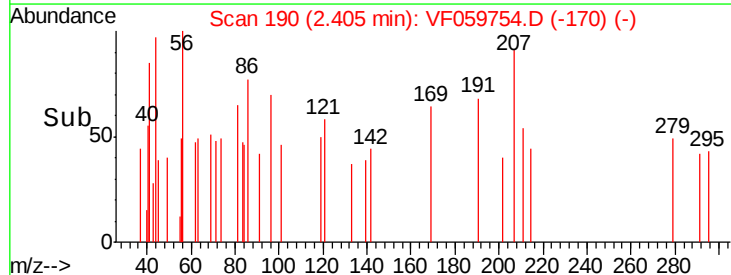
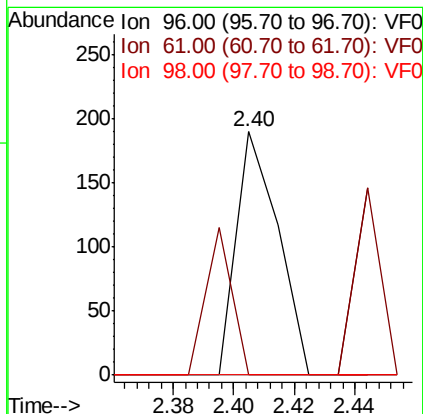
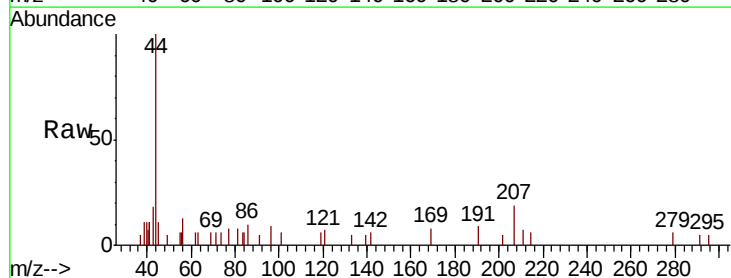
Tgt Ion:	84	Resp:	2694
Ion	Ratio	Lower	Upper
84	100		
49	212.2	142.2	213.4
51	64.5	46.2	69.2
86	101.1	57.1	85.7#

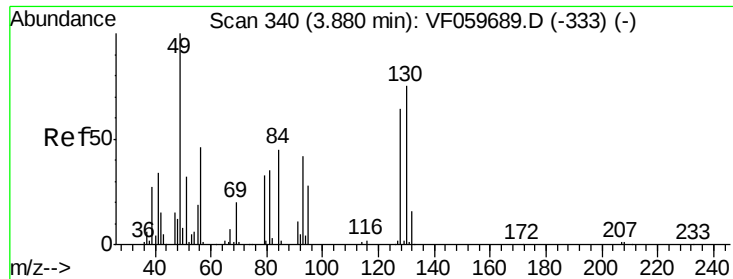


#21

trans-1,2-Dichloroethene
 Concen: Below Cal
 RT: 2.40 min Scan# 190
 Delta R.T. -0.01 min
 Lab File: VF059754.D
 Acq: 1 Aug 2018 14:44

Tgt Ion:	96	Resp:	182
Ion	Ratio	Lower	Upper
96	100		
61	0.0	157.4	236.0#
98	0.0	55.0	82.4#

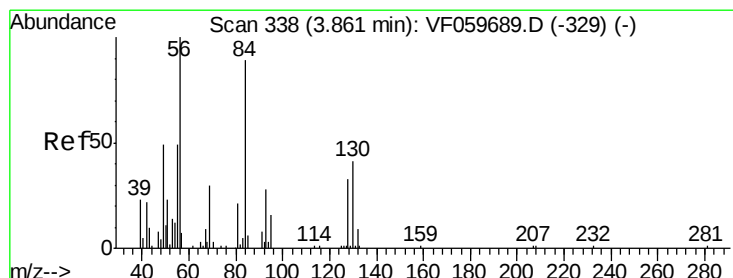
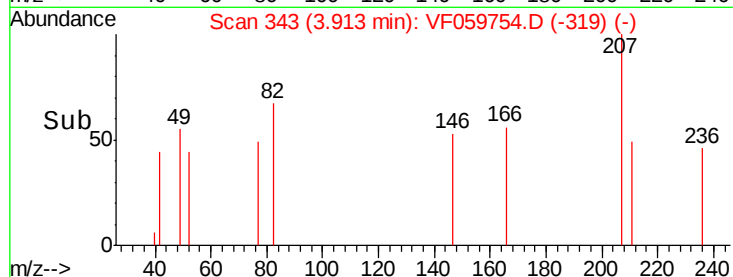
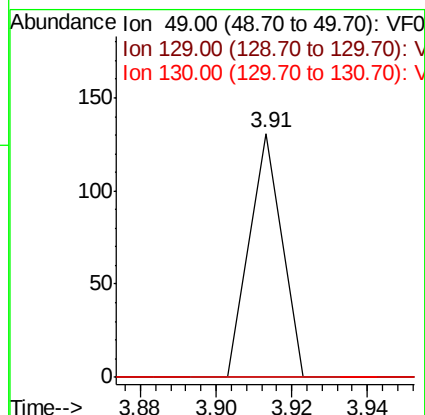
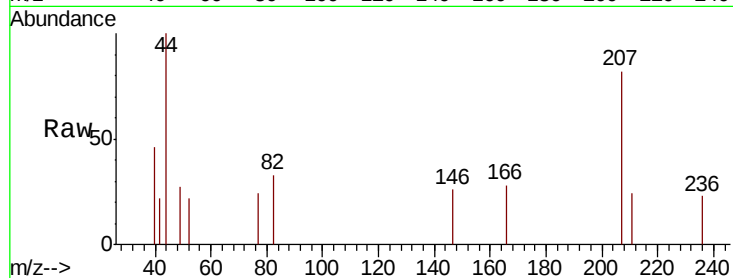




#28
Bromochloromethane
Concen: Below Cal
RT: 3.91 min Scan# 343
Delta R.T. 0.03 min
Lab File: VF059754.D
Acq: 1 Aug 2018 14:44

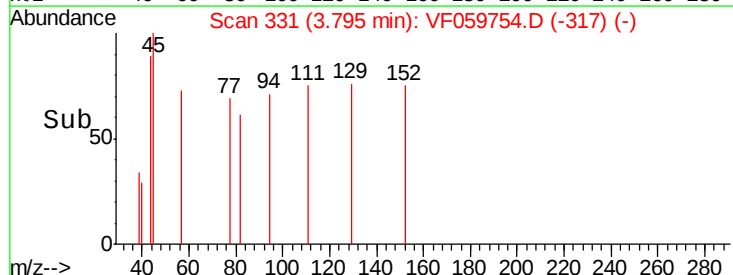
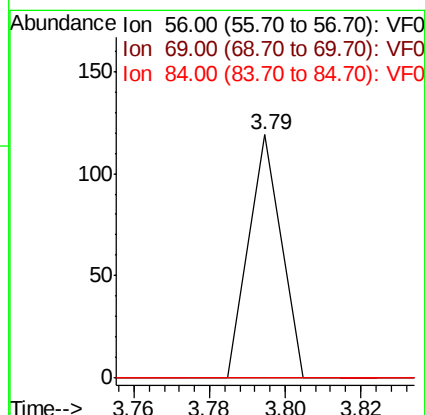
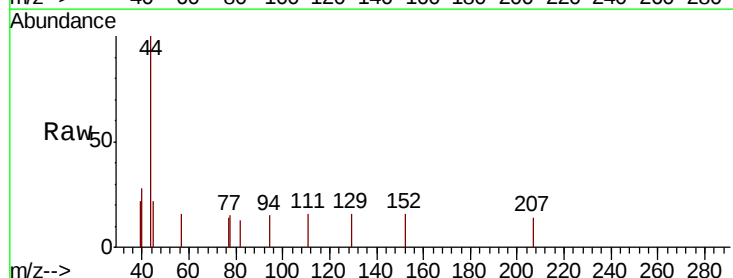
Instrument :
MSVOA_F
ClientSampleId :
CL-01-073018-C

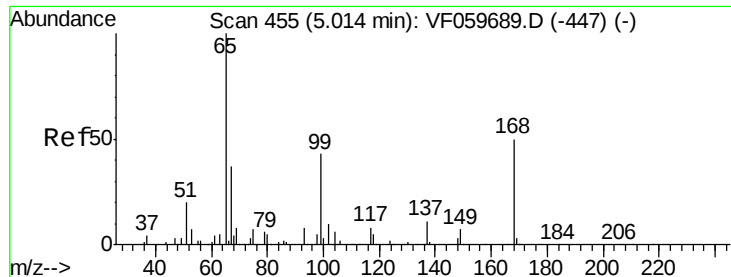
Tgt Ion: 49 Resp: 77
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 0.0 59.6 89.4#



#31
Cyclohexane
Concen: Below Cal
RT: 3.79 min Scan# 331
Delta R.T. -0.07 min
Lab File: VF059754.D
Acq: 1 Aug 2018 14:44

Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
69 0.0 23.7 35.5#
84 0.0 71.1 106.7#





#33

1,2-Dichloroethane-d4

Concen: 47.072 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059754.D

Acq: 1 Aug 2018 14:44

Instrument :

MSVOA_F

ClientSampleId :

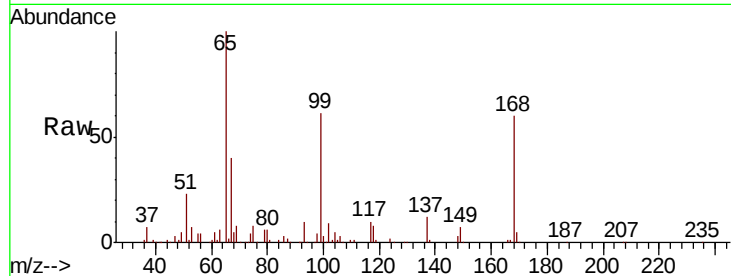
CL-01-073018-C

Tgt Ion: 65 Resp: 164257

Ion Ratio Lower Upper

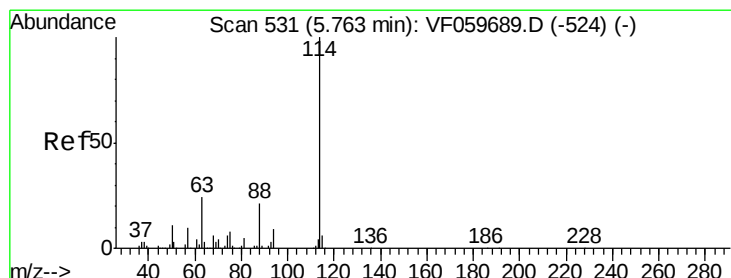
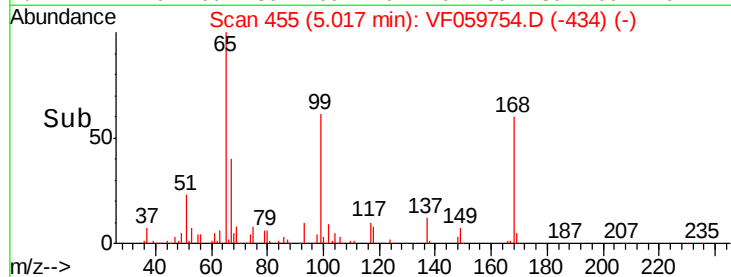
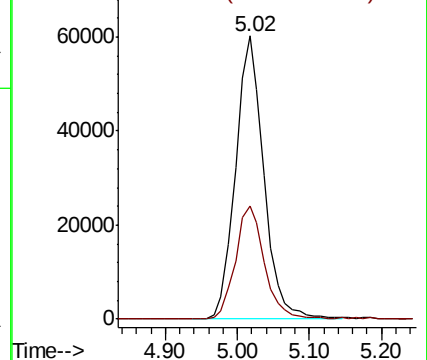
65 100

67 39.9 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059754.D

Acq: 1 Aug 2018 14:44

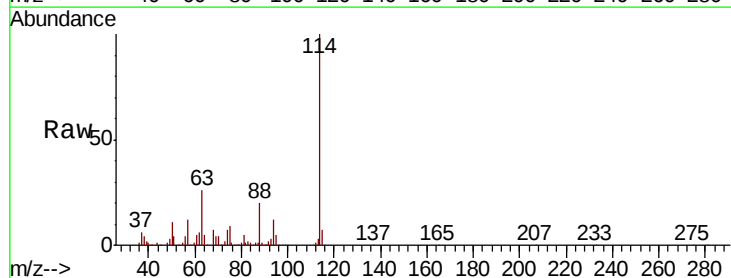
Tgt Ion: 114 Resp: 272079

Ion Ratio Lower Upper

114 100

63 26.4 0.0 47.4

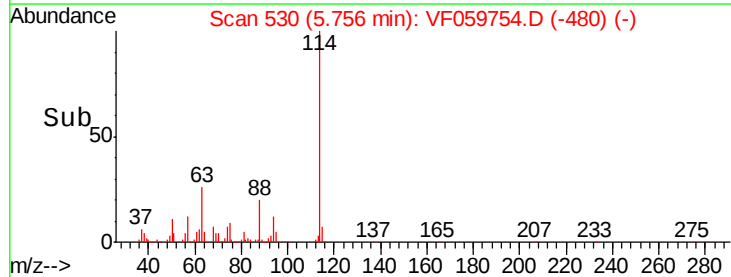
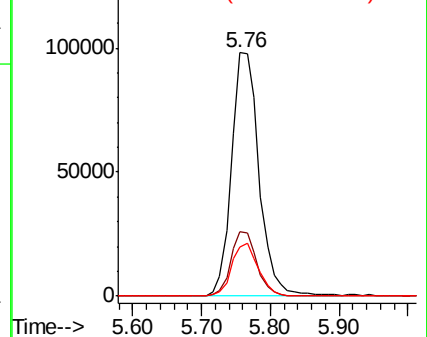
88 20.3 0.0 41.2

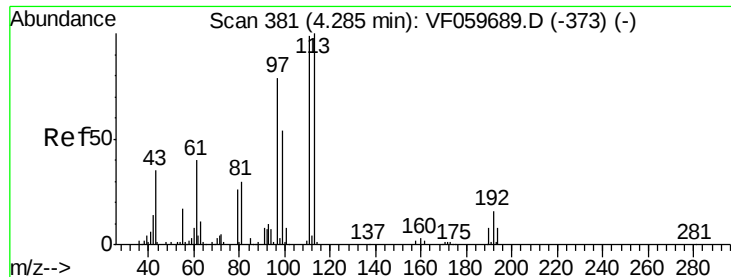


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 44.969 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.00 min

Lab File: VF059754.D

Acq: 1 Aug 2018 14:44

Instrument :

MSVOA_F

ClientSampleId :

CL-01-073018-C

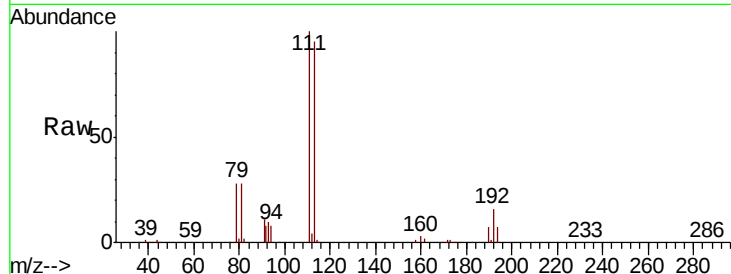
Tgt Ion:113 Resp: 127079

Ion Ratio Lower Upper

113 100

111 105.0 79.0 118.4

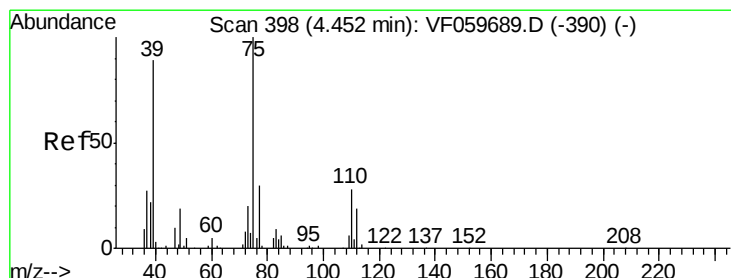
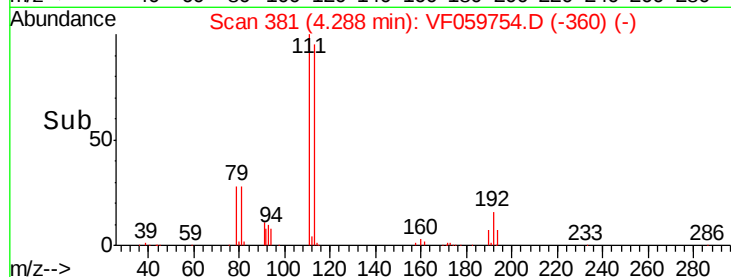
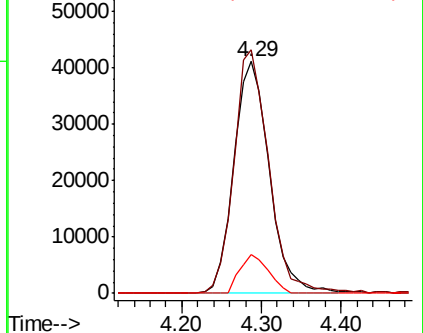
192 16.8 13.2 19.8



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#36

1,1-Dichloropropene

Concen: Below Cal

RT: 4.43 min Scan# 395

Delta R.T. -0.03 min

Lab File: VF059754.D

Acq: 1 Aug 2018 14:44

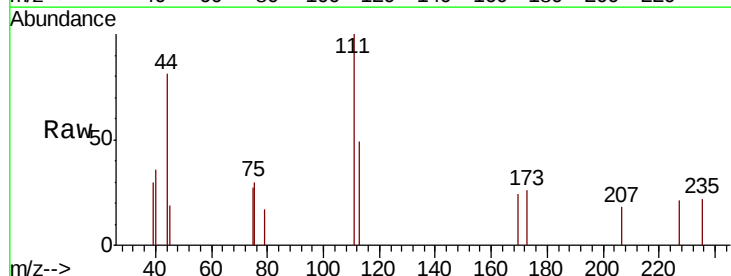
Tgt Ion: 75 Resp: 355

Ion Ratio Lower Upper

75 100

110 0.0 14.0 41.9#

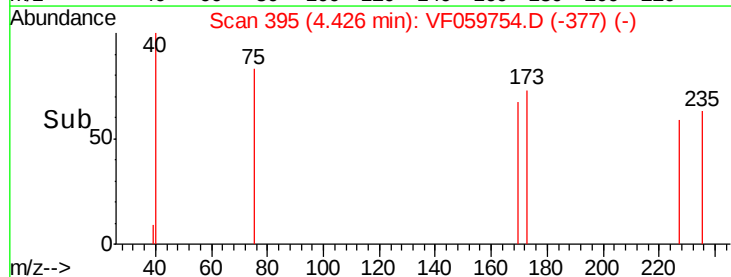
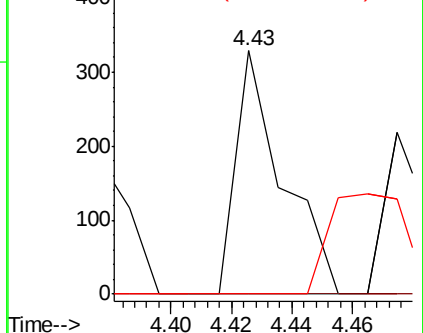
77 0.0 24.2 36.2#

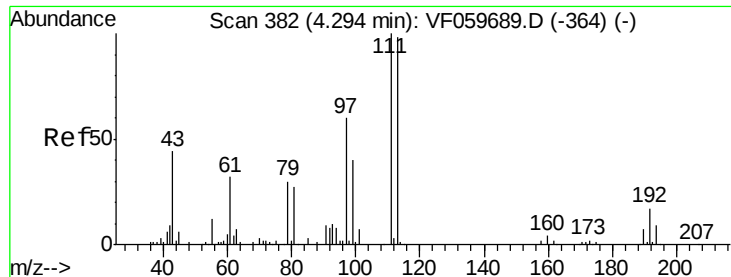


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0

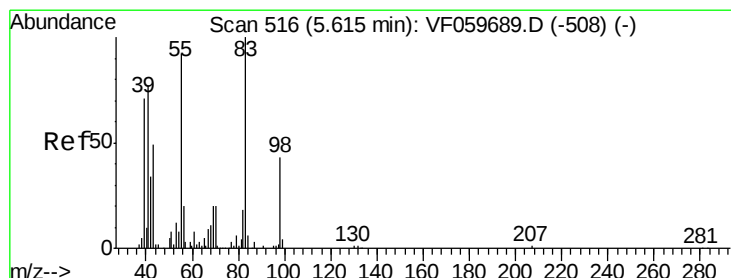
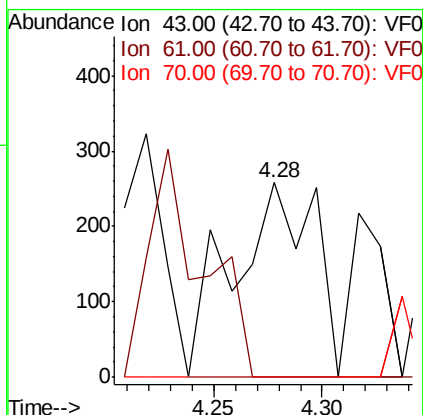
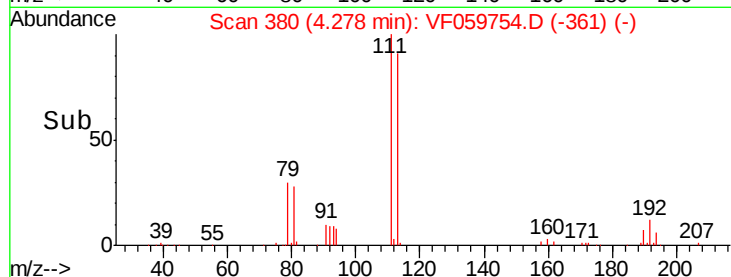
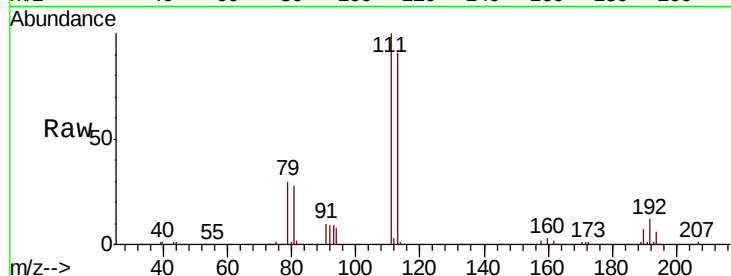




#37
 Ethyl Acetate
 Concen: Below Cal
 RT: 4.28 min Scan# 380
 Delta R.T. -0.02 min
 Lab File: VF059754.D
 Acq: 1 Aug 2018 14:44

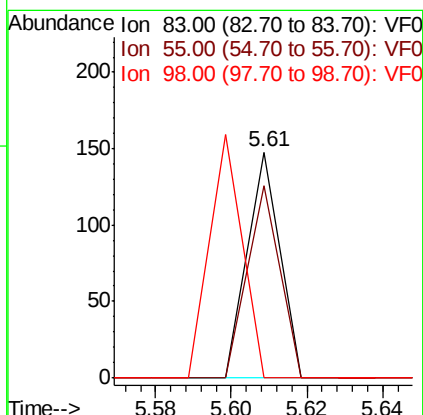
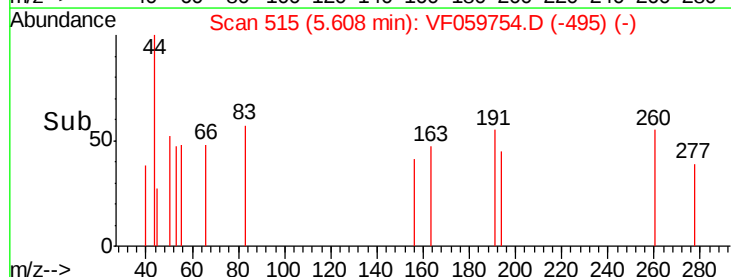
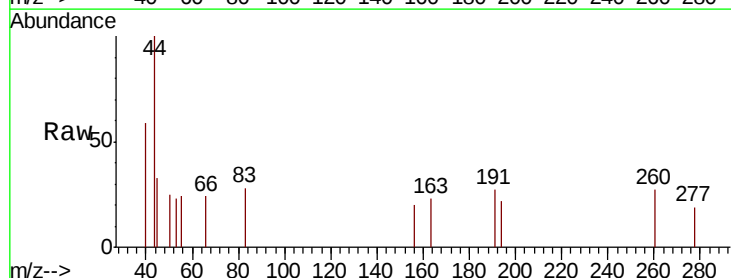
Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-073018-C

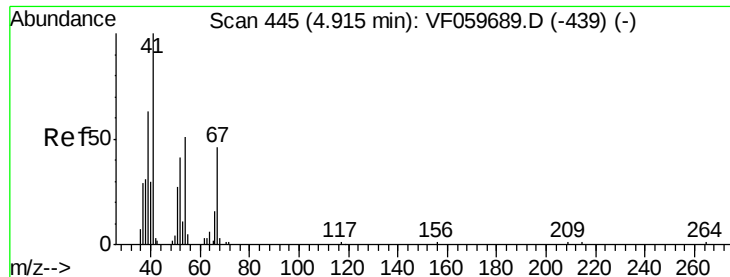
Tgt Ion: 43 Resp: 673
 Ion Ratio Lower Upper
 43 100
 61 0.0 58.2 87.2#
 70 0.0 6.0 9.0#



#39
 Methylcyclohexane
 Concen: Below Cal
 RT: 5.61 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: VF059754.D
 Acq: 1 Aug 2018 14:44

Tgt Ion: 83 Resp: 88
 Ion Ratio Lower Upper
 83 100
 55 85.1 73.4 110.2
 98 0.0 34.2 51.4#

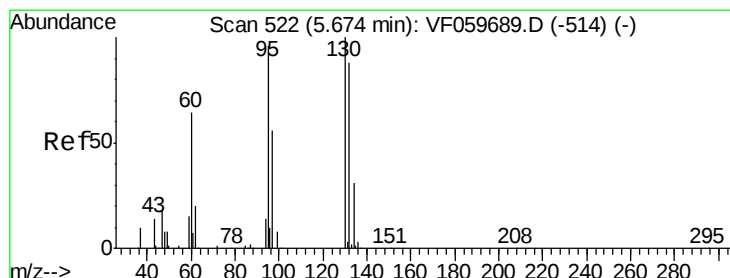
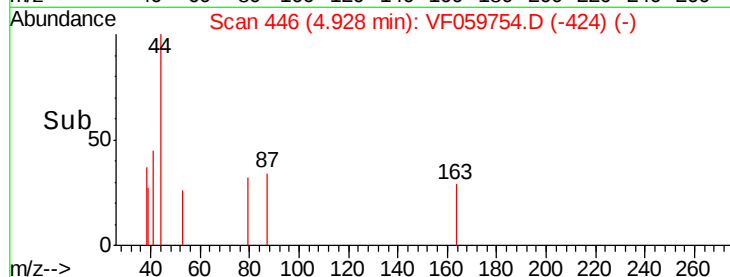
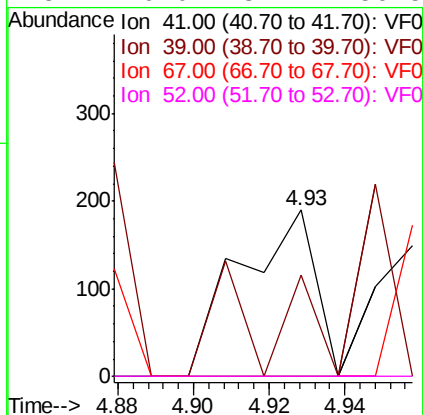
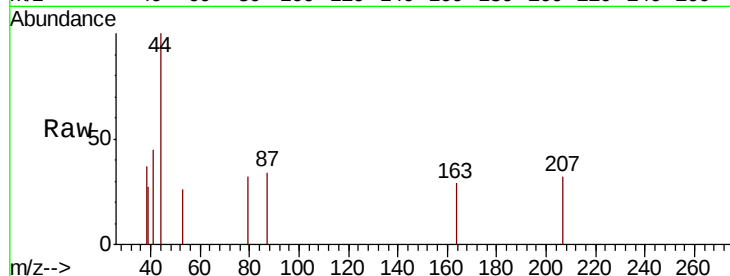




#41
Methacrylonitrile
Concen: Below Cal
RT: 4.93 min Scan# 446
Delta R.T. 0.01 min
Lab File: VF059754.D
Acq: 1 Aug 2018 14:44

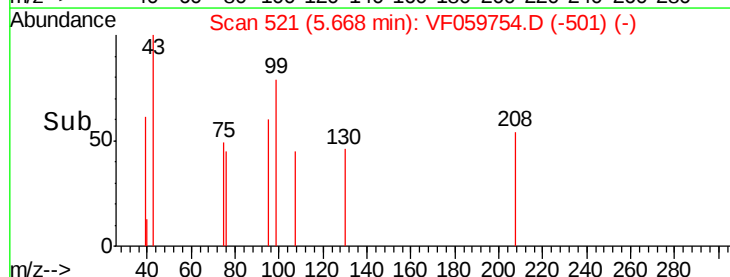
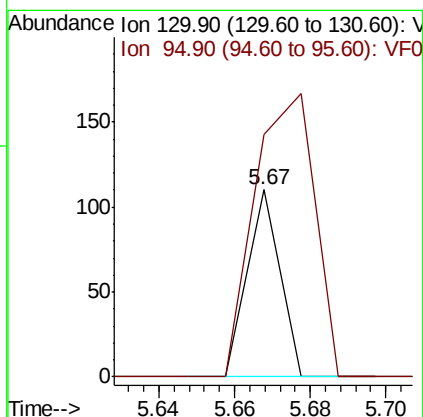
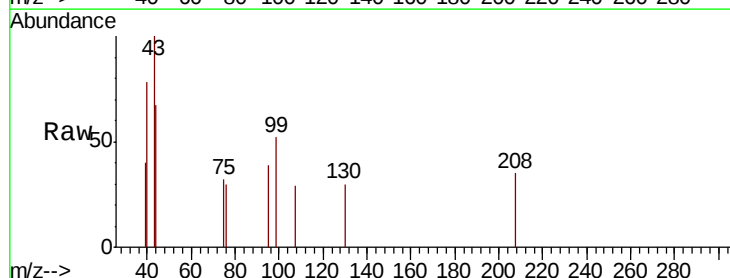
Instrument :
MSVOA_F
ClientSampleId :
CL-01-073018-C

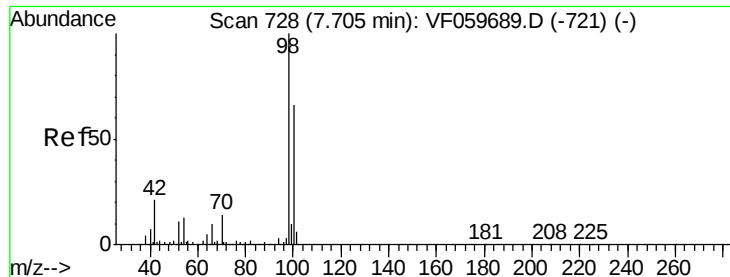
Tgt Ion:	41	Resp:	263
Ion	Ratio	Lower	Upper
41	100		
39	60.5	55.2	82.8
67	0.0	36.2	54.2#
52	0.0	37.7	56.5#



#44
Trichloroethene
Concen: Below Cal
RT: 5.67 min Scan# 521
Delta R.T. -0.01 min
Lab File: VF059754.D
Acq: 1 Aug 2018 14:44

Tgt Ion:	130	Resp:	65
Ion	Ratio	Lower	Upper
130	100		
95	130.0	0.0	191.0





#50

Toluene-d8

Concen: 36.912 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.00 min

Lab File: VF059754.D

Acq: 1 Aug 2018 14:44

Instrument :

MSVOA_F

ClientSampleId :

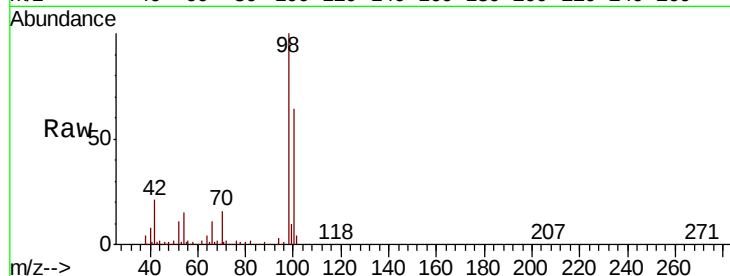
CL-01-073018-C

Tgt Ion: 98 Resp: 243249

Ion Ratio Lower Upper

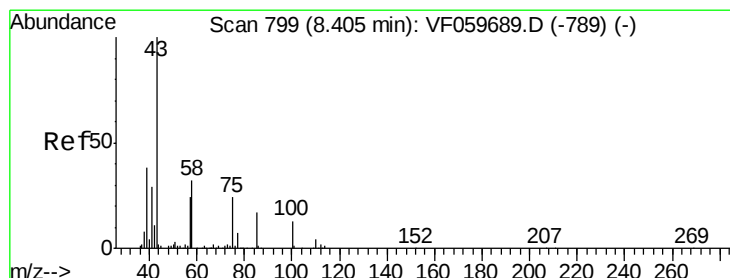
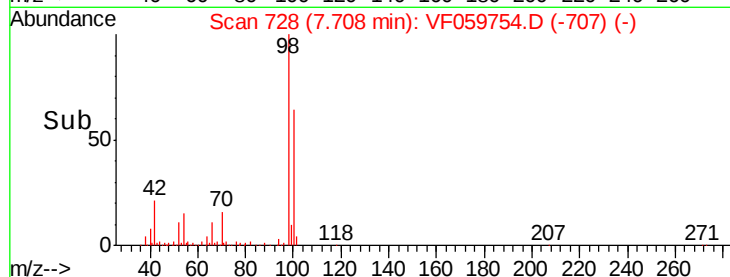
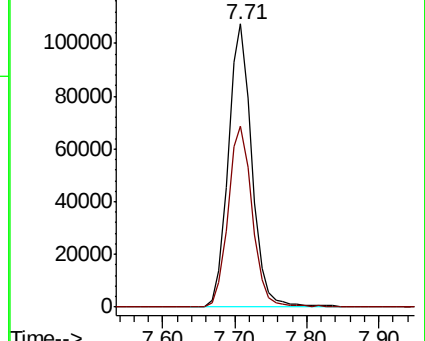
98 100

100 63.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#51

4-Methyl-2-Pentanone

Concen: 1.367 ug/l

RT: 8.41 min Scan# 799

Delta R.T. 0.00 min

Lab File: VF059754.D

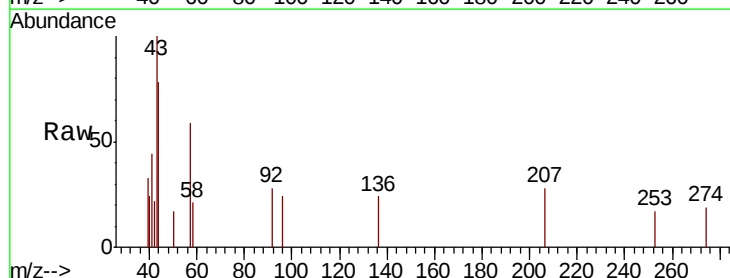
Acq: 1 Aug 2018 14:44

Tgt Ion: 43 Resp: 1692

Ion Ratio Lower Upper

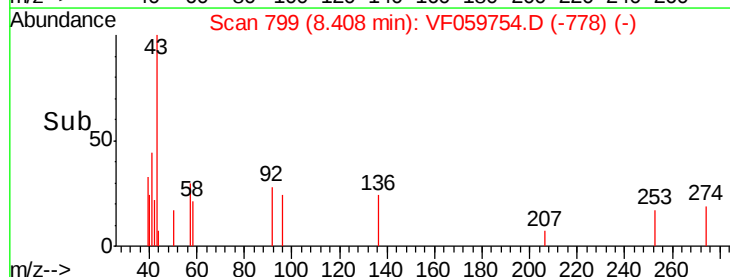
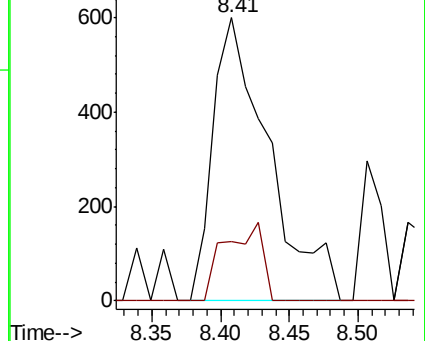
43 100

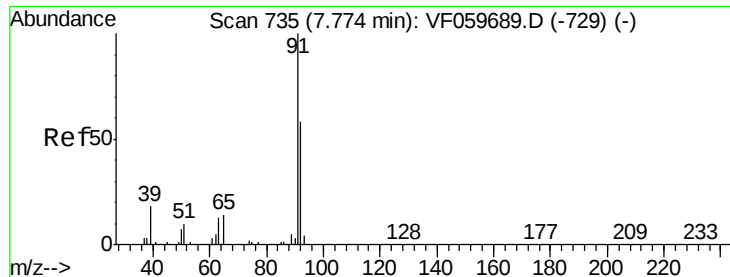
58 21.0 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#52

Toluene

Concen: Below Cal

RT: 7.77 min Scan# 734

Delta R.T. -0.01 min

Lab File: VF059754.D

Acq: 1 Aug 2018 14:44

Instrument :

MSVOA_F

ClientSampleId :

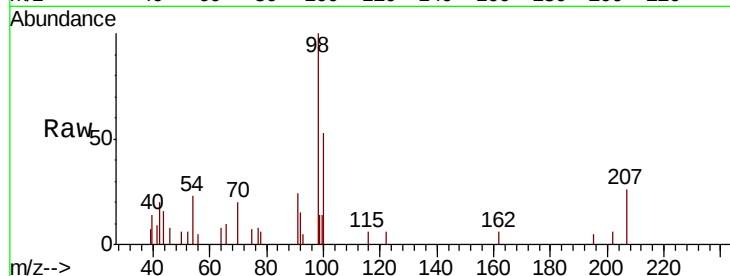
CL-01-073018-C

Tgt Ion: 92 Resp: 297

Ion Ratio Lower Upper

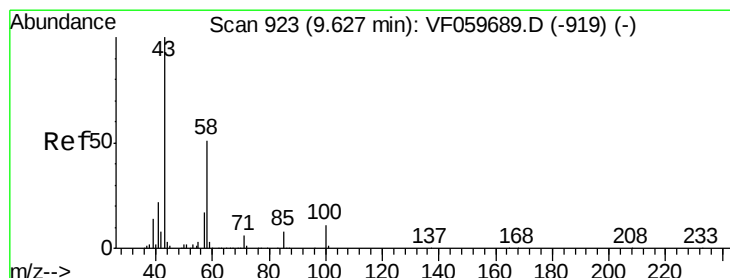
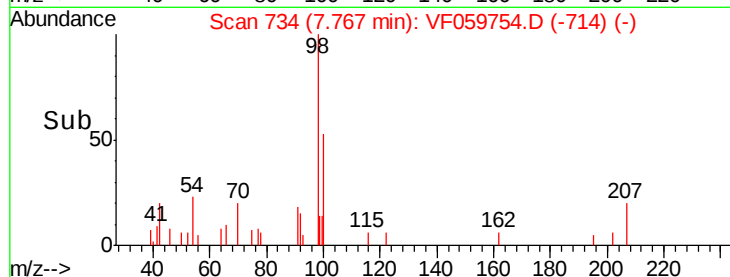
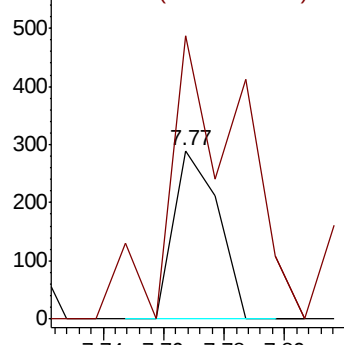
92 100

91 167.9 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#59

2-Hexanone

Concen: 3.444 ug/l

RT: 9.63 min Scan# 923

Delta R.T. 0.00 min

Lab File: VF059754.D

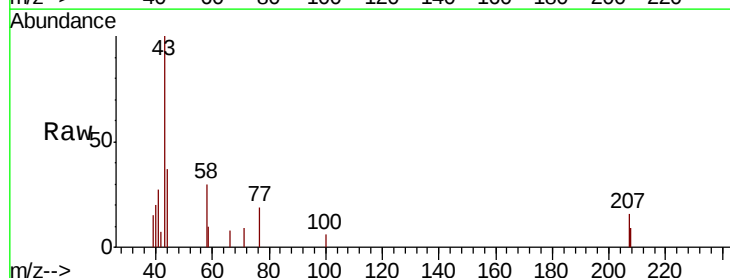
Acq: 1 Aug 2018 14:44

Tgt Ion: 43 Resp: 3416

Ion Ratio Lower Upper

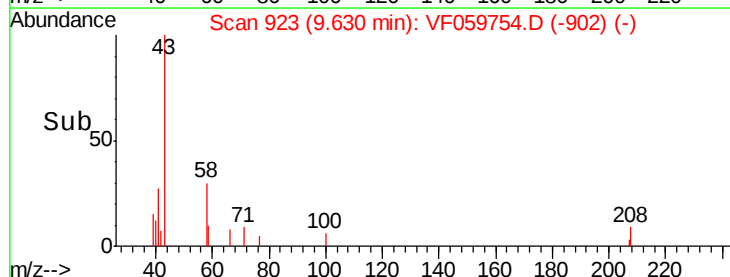
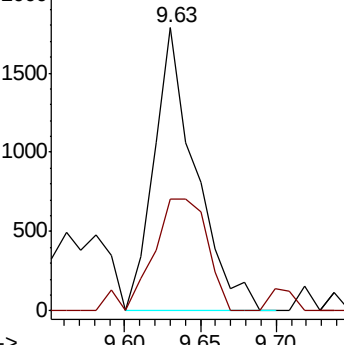
43 100

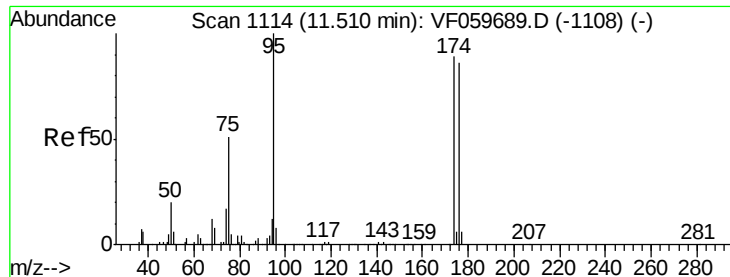
58 39.5 23.3 69.8



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

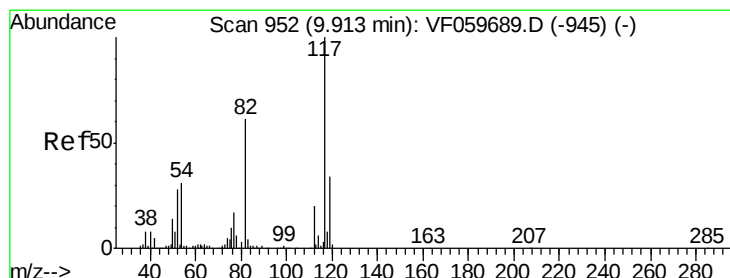
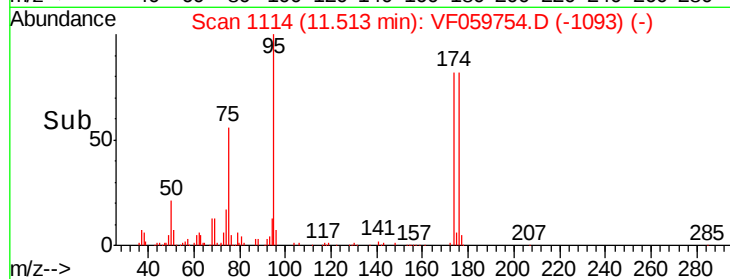
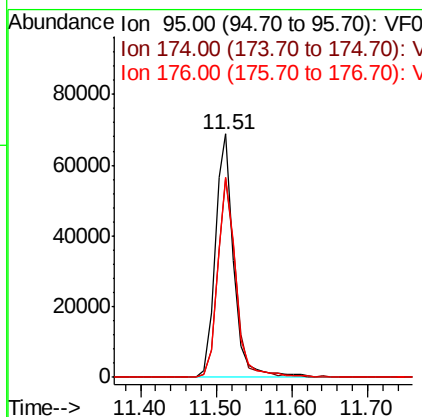
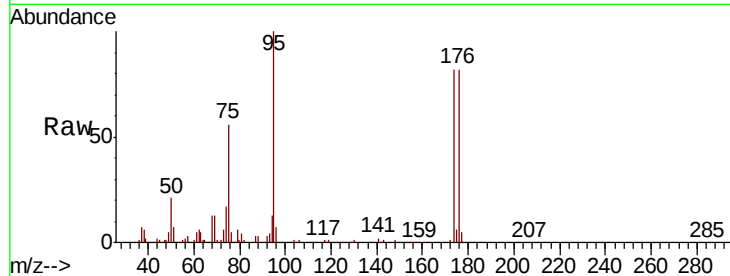




#62
4-Bromofluorobenzene
Concen: 32.564 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059754.D
Acq: 1 Aug 2018 14:44

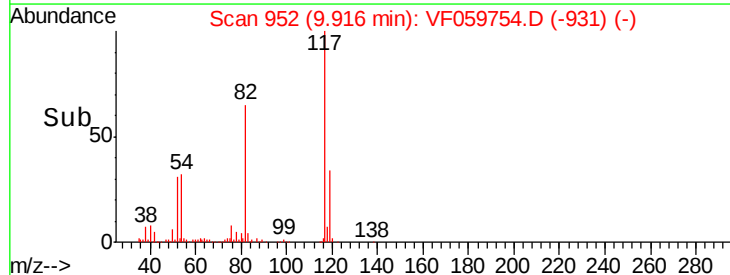
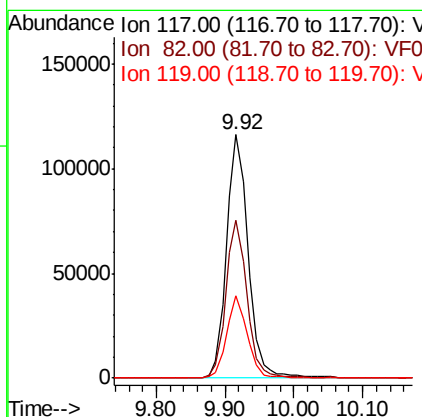
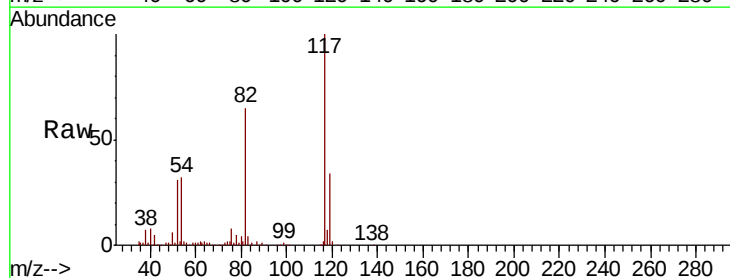
Instrument :
MSVOA_F
ClientSampleId :
CL-01-073018-C

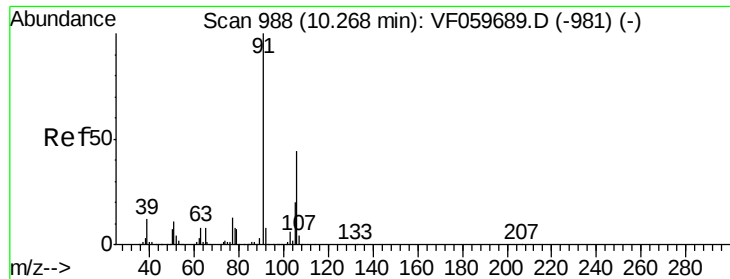
Tgt Ion: 95 Resp: 118801
Ion Ratio Lower Upper
95 100
174 81.7 0.0 178.4
176 82.3 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059754.D
Acq: 1 Aug 2018 14:44

Tgt Ion: 117 Resp: 253694
Ion Ratio Lower Upper
117 100
82 65.0 49.0 73.4
119 34.0 27.3 40.9

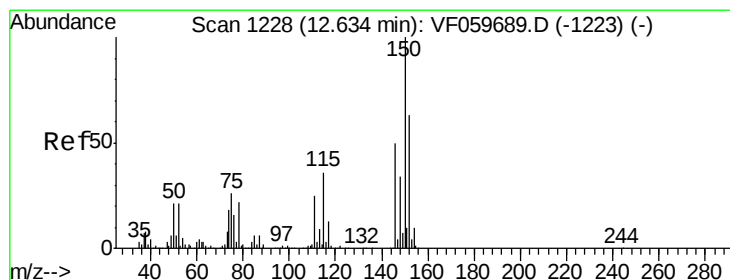
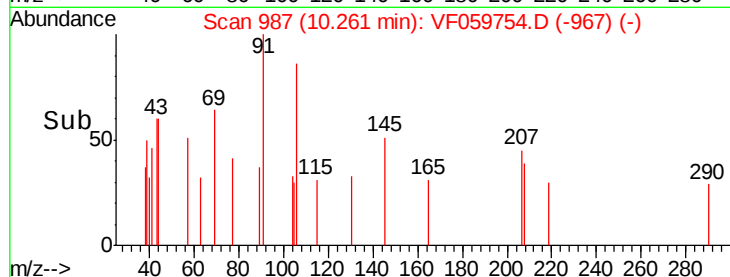
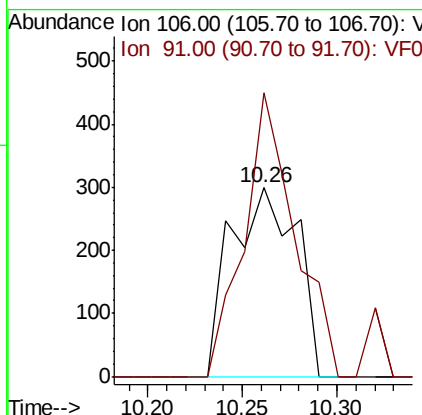
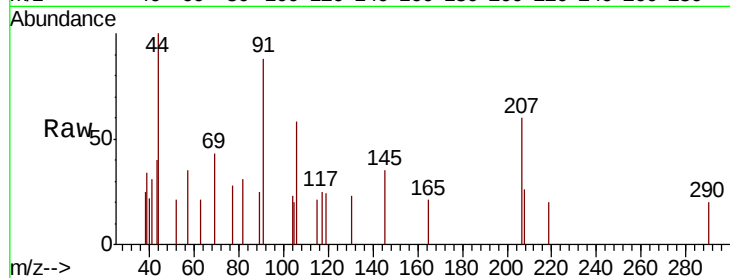




#68
m/p-Xylenes
Concen: Below Cal
RT: 10.26 min Scan# 987
Delta R.T. -0.01 min
Lab File: VF059754.D
Acq: 1 Aug 2018 14:44

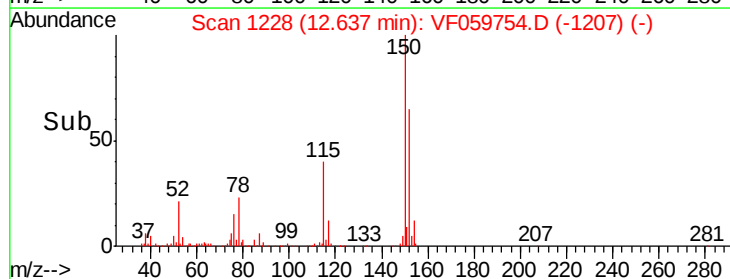
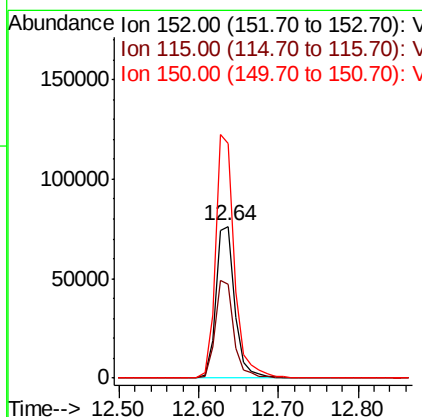
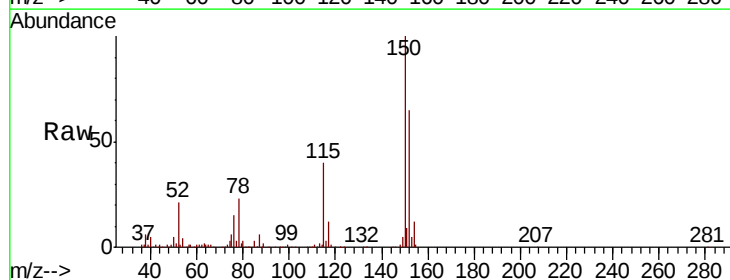
Instrument :
MSVOA_F
ClientSampleId :
CL-01-073018-C

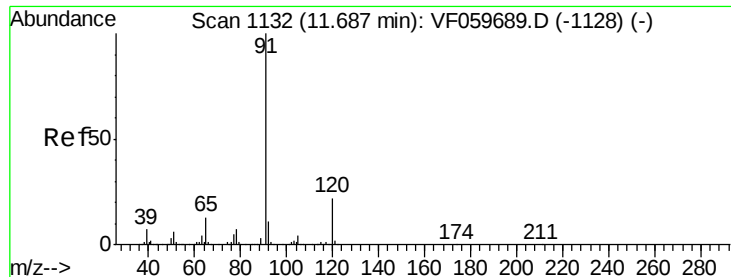
Tgt Ion:106 Resp: 722
Ion Ratio Lower Upper
106 100
91 150.2 181.7 272.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059754.D
Acq: 1 Aug 2018 14:44

Tgt Ion:152 Resp: 129236
Ion Ratio Lower Upper
152 100
115 62.1 28.2 84.6
150 154.3 0.0 316.2





#78

n-propylbenzene

Concen: Below Cal

RT: 11.68 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VF059754.D

Acq: 1 Aug 2018 14:44

Instrument :

MSVOA_F

ClientSampleId :

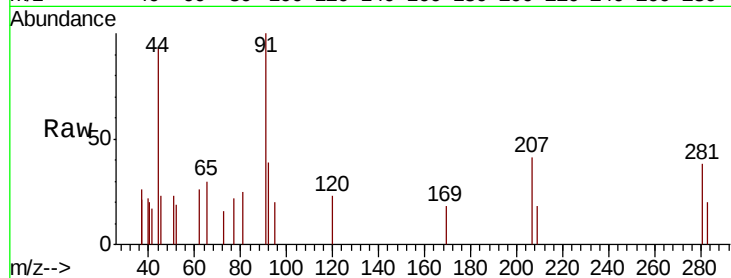
CL-01-073018-C

Tgt Ion: 91 Resp: 953

Ion Ratio Lower Upper

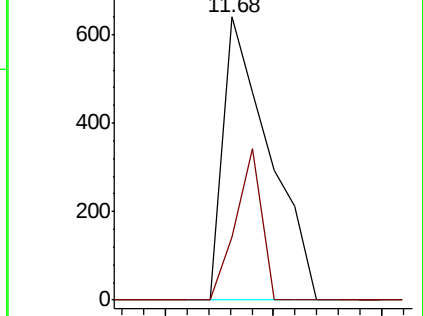
91 100

120 22.5 11.0 33.0

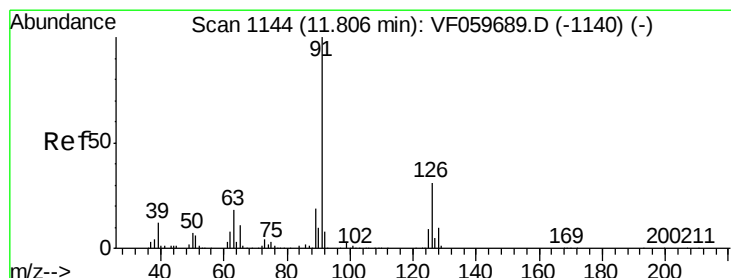
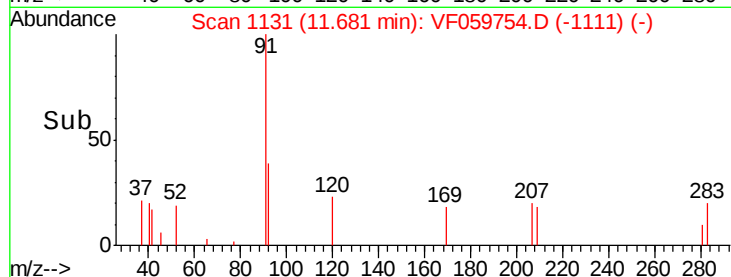


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V



Time-->



#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.81 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VF059754.D

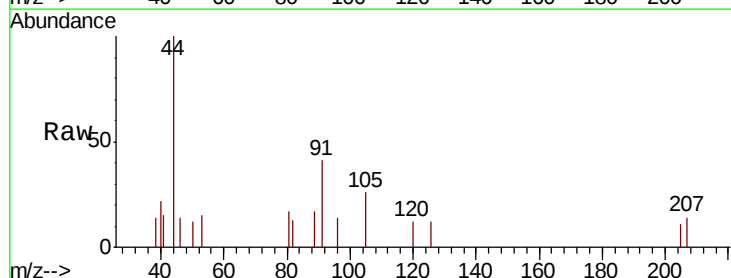
Acq: 1 Aug 2018 14:44

Tgt Ion: 91 Resp: 627

Ion Ratio Lower Upper

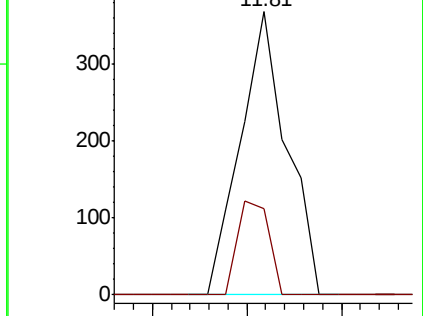
91 100

126 30.7 15.4 46.2

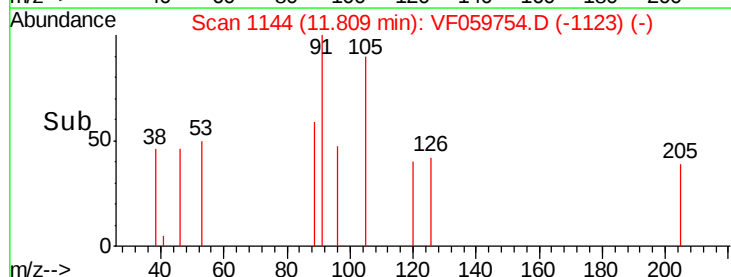


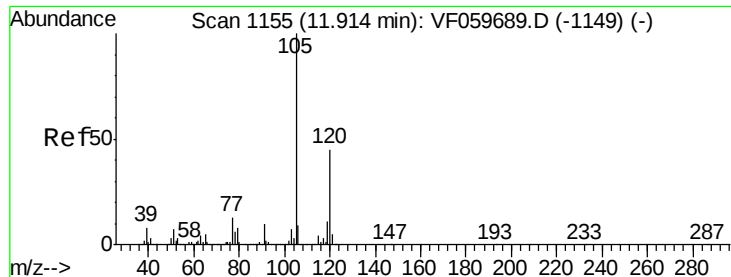
Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



Time-->

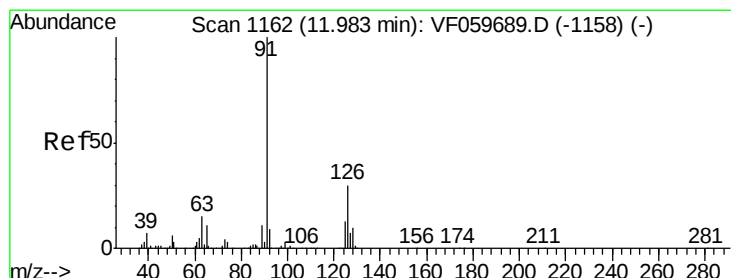
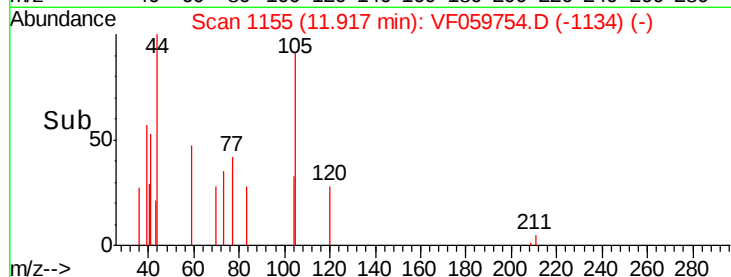
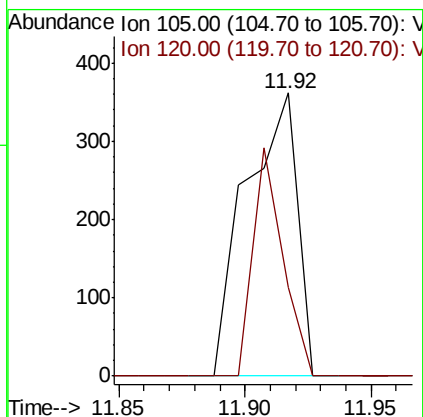
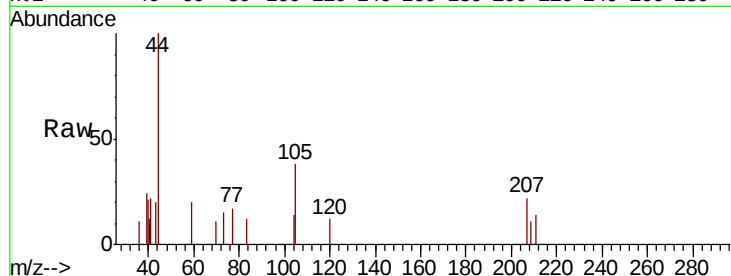




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 11.92 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VF059754.D
 Acq: 1 Aug 2018 14:44

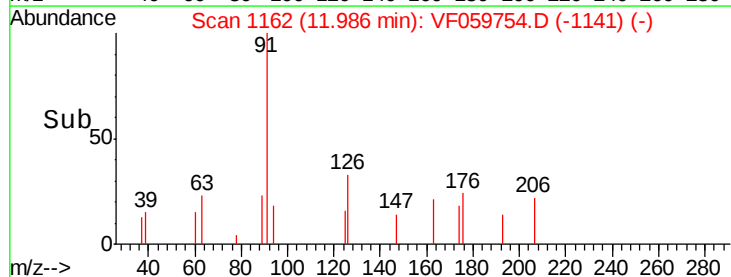
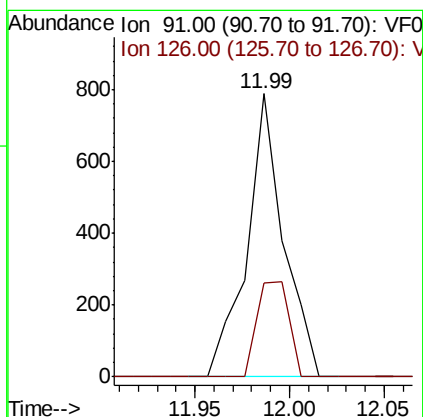
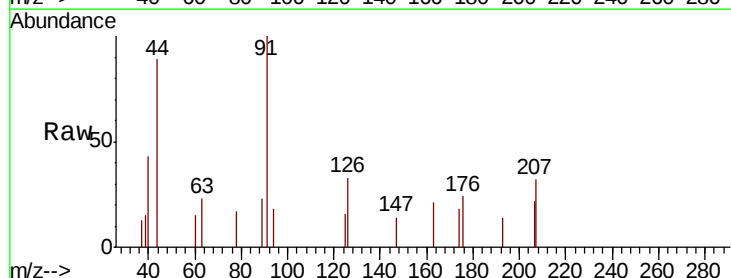
Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-073018-C

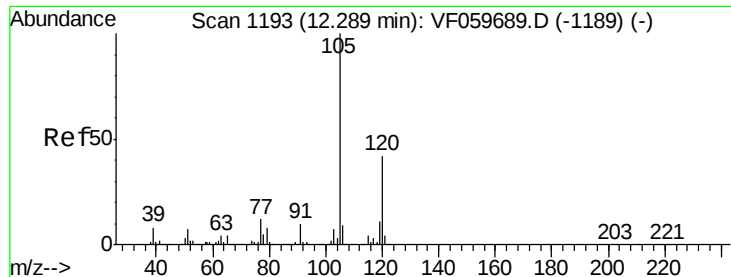
Tgt Ion: 105 Resp: 516
 Ion Ratio Lower Upper
 105 100
 120 31.2 22.7 68.0



#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 11.99 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VF059754.D
 Acq: 1 Aug 2018 14:44

Tgt Ion: 91 Resp: 1060
 Ion Ratio Lower Upper
 91 100
 126 33.0 15.2 45.6

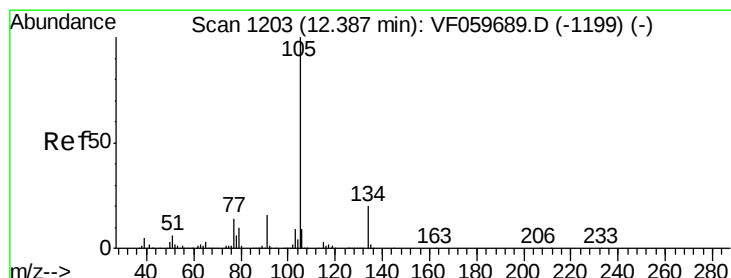
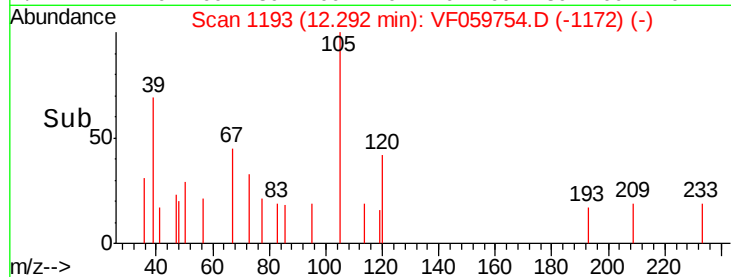
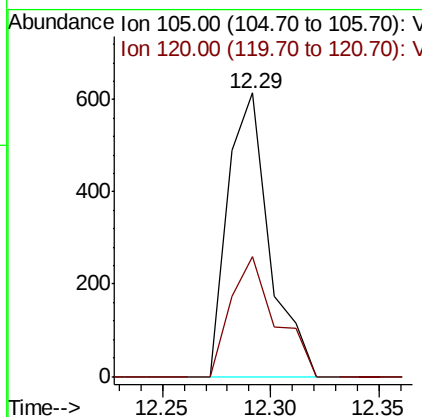
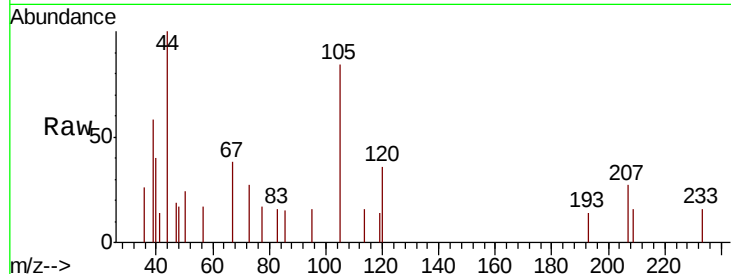




#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 12.29 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: VF059754.D
 Acq: 1 Aug 2018 14:44

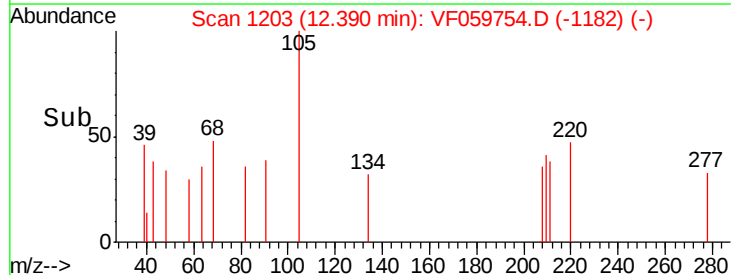
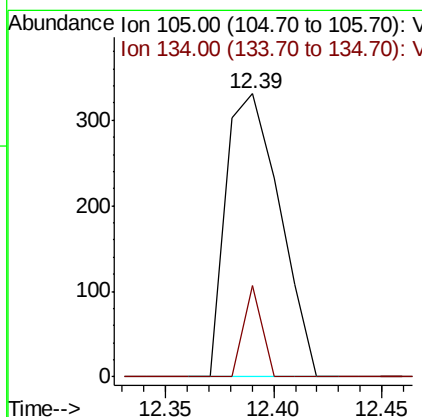
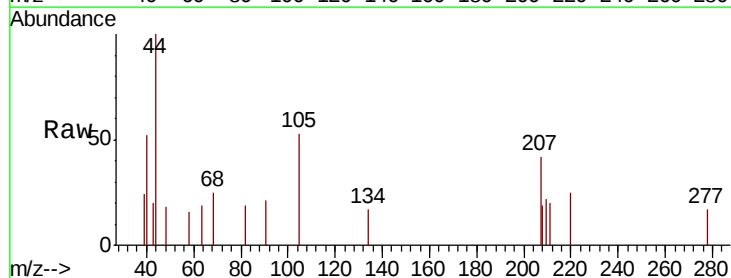
Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-073018-C

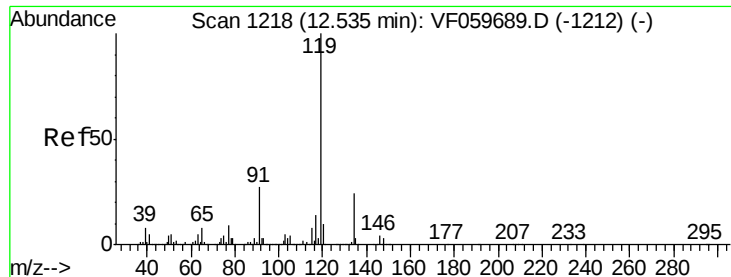
Tgt Ion:105 Resp: 824
 Ion Ratio Lower Upper
 105 100
 120 42.3 21.1 63.3



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 12.39 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: VF059754.D
 Acq: 1 Aug 2018 14:44

Tgt Ion:105 Resp: 577
 Ion Ratio Lower Upper
 105 100
 134 32.3 9.8 29.3#

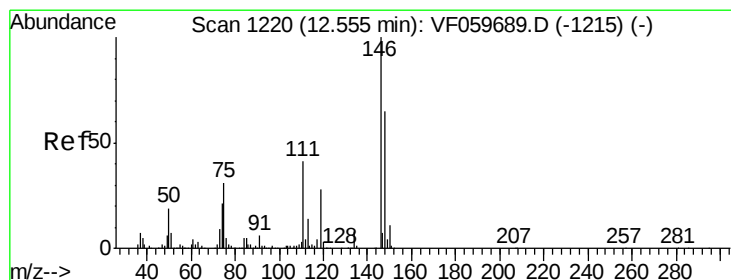
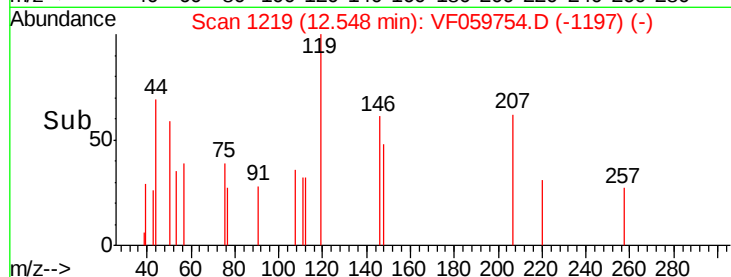
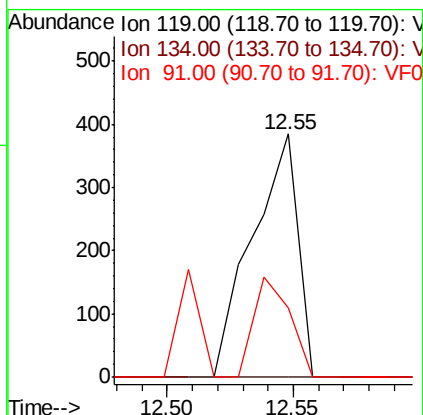
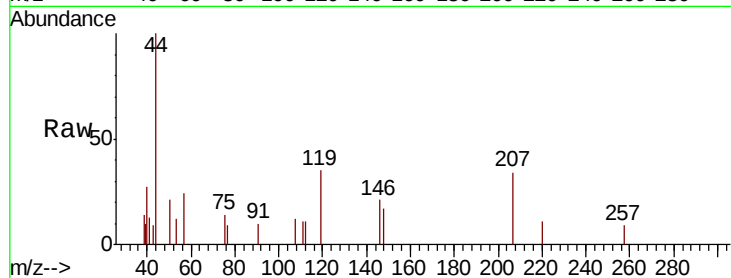




#86
p-Isopropyltoluene
Concen: Below Cal
RT: 12.55 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VF059754.D
Acq: 1 Aug 2018 14:44

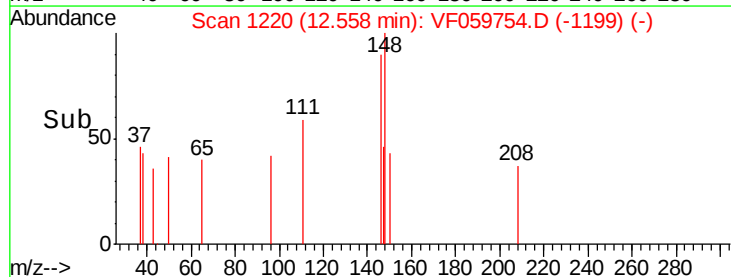
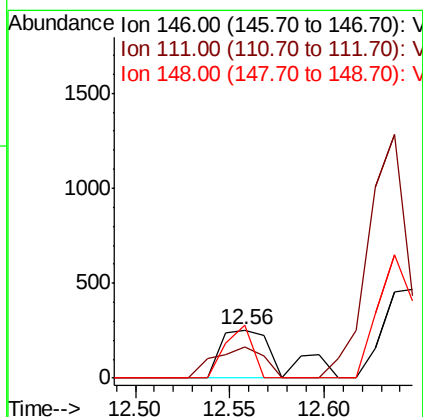
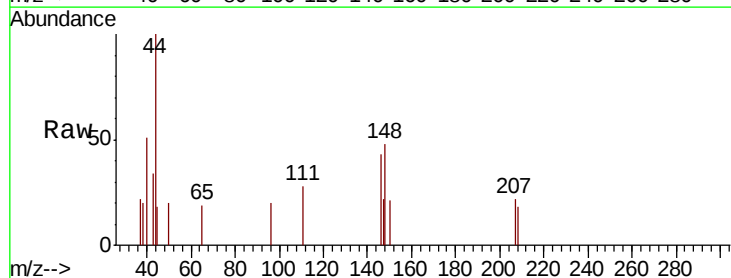
Instrument :
MSVOA_F
ClientSampleId :
CL-01-073018-C

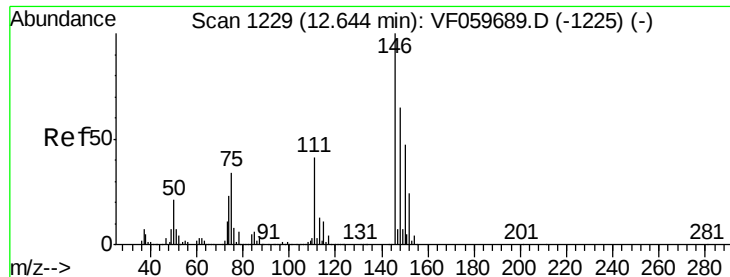
Tgt Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.2	36.6#
91	28.3	13.4	40.2



#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.56 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VF059754.D
Acq: 1 Aug 2018 14:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	65.6	20.7	62.1#
148	110.7	32.3	96.8#

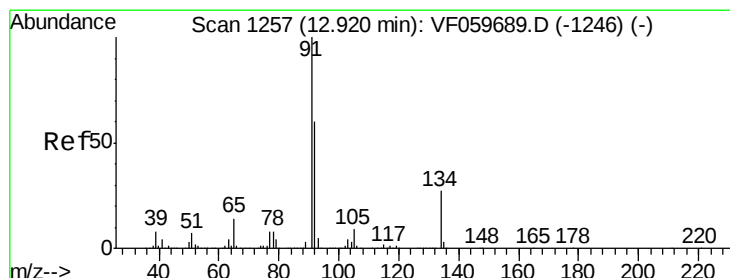
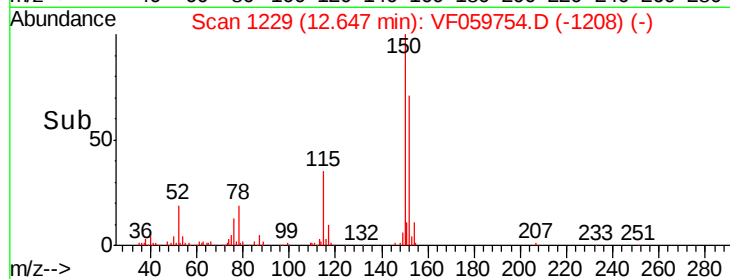
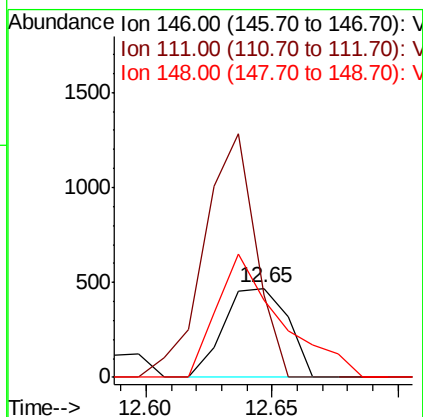
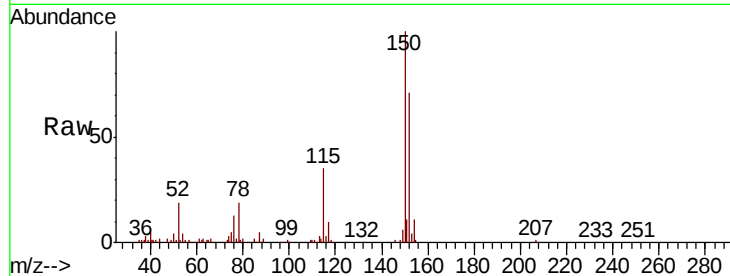




#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 12.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VF059754.D
 Acq: 1 Aug 2018 14:44

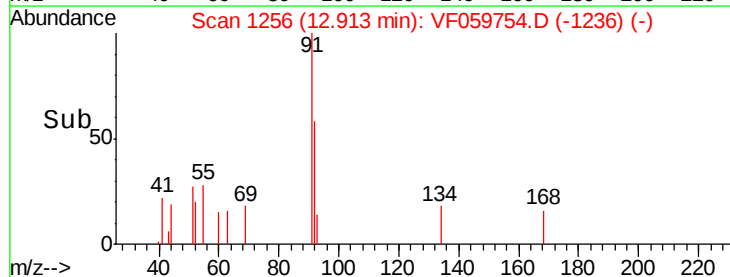
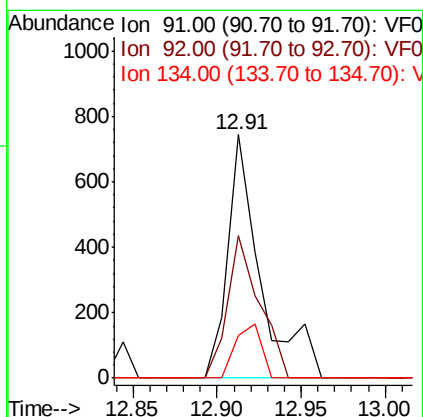
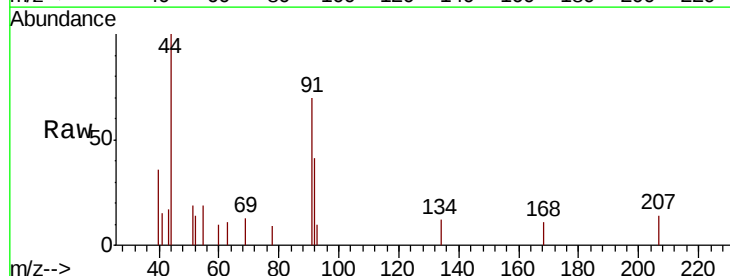
Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-073018-C

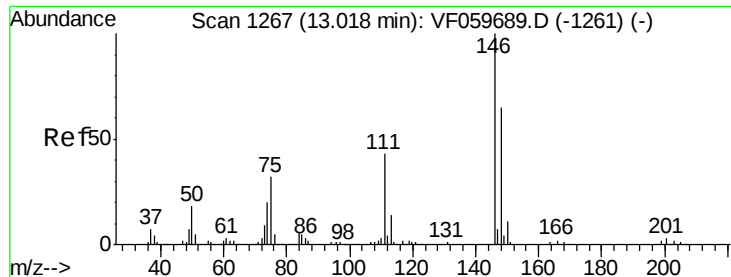
Tgt Ion	Ratio	Lower	Upper
146	100		
111	91.9	20.8	62.2#
148	87.0	32.3	96.9



#89
 n-Butylbenzene
 Concen: Below Cal
 RT: 12.91 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: VF059754.D
 Acq: 1 Aug 2018 14:44

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.3	30.1	90.3
134	17.6	13.7	41.0

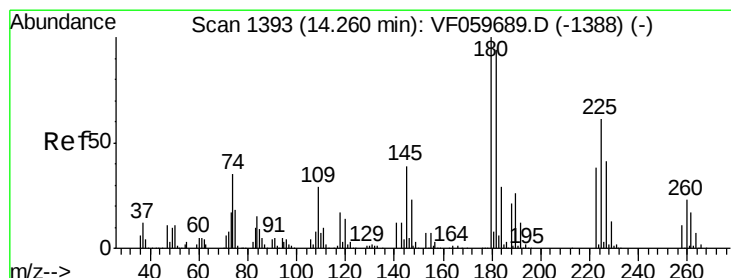
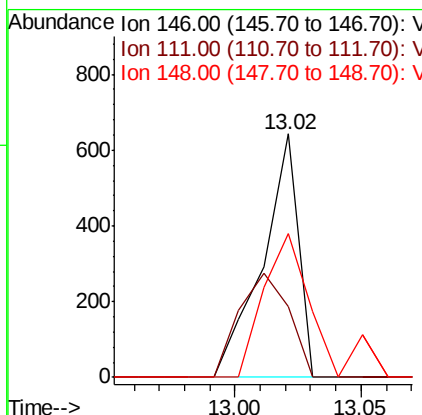
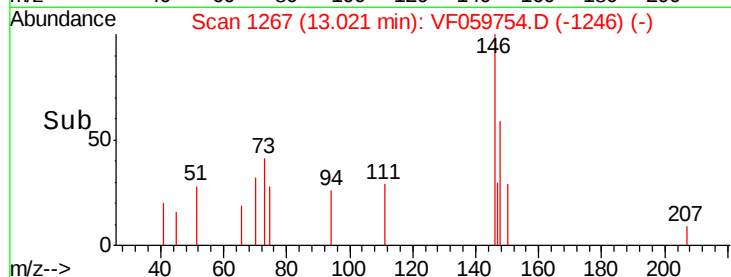
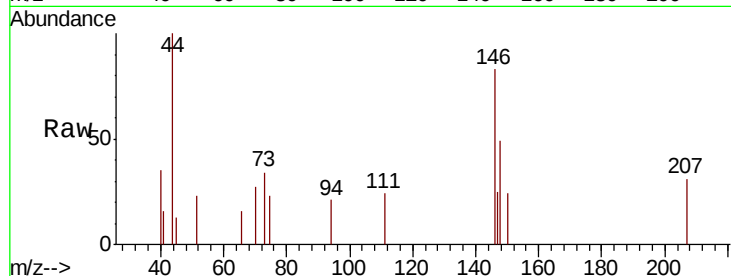




#91
 1,2-Dichlorobenzene
 Concen: Below Cal
 RT: 13.02 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VF059754.D
 Acq: 1 Aug 2018 14:44

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-073018-C

Tgt Ion:146 Resp: 644
 Ion Ratio Lower Upper
 146 100
 111 29.1 21.6 65.0
 148 59.3 32.3 96.9



#93
 1,2,4-Trichlorobenzene
 Concen: Below Cal
 RT: 14.27 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: VF059754.D
 Acq: 1 Aug 2018 14:44

Tgt Ion:180 Resp: 806
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.2 141.6
 145 29.9 19.3 57.9

