

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072418\
 Data File : VF059645.D
 Acq On : 24 Jul 2018 22:08
 Operator : VA/AP
 Sample : J4101-01
 Misc : 2.62g/5mL/MSVOA F/SOIL
 ALS Vial : 95 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jul 25 05:11:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 02:29:31 2018
 Response via : Initial Calibration

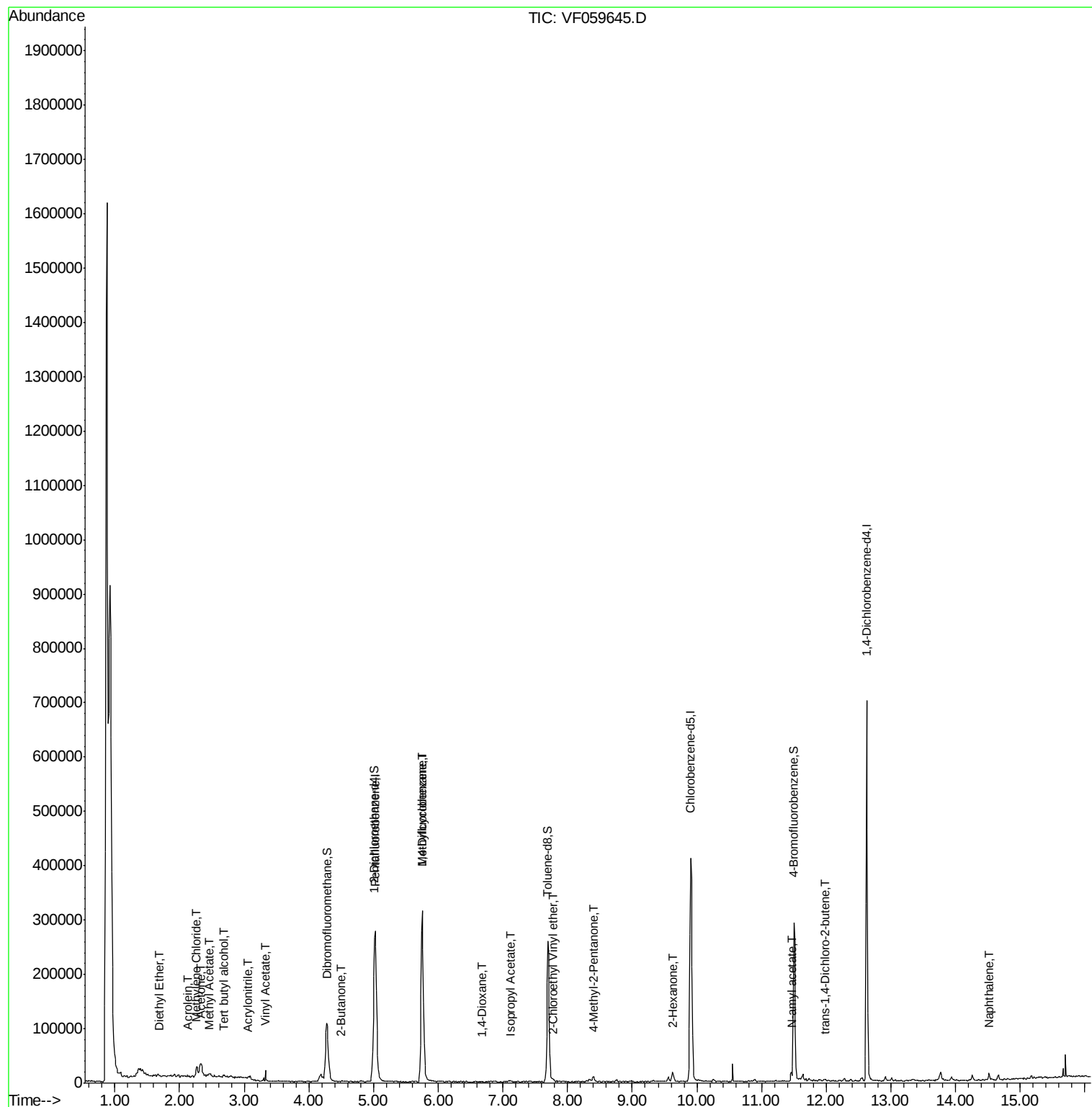
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	205915	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.75	114	306386	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	274702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	162137	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	101167	35.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.52%	
35) Dibromofluoromethane	4.27	113	98194	35.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.22%	
50) Toluene-d8	7.70	98	200214	29.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.58%	
62) 4-Bromofluorobenzene	11.50	95	100911	29.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.44%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.10	50	1119	Below Cal	#	40
5) Bromomethane	1.36	94	494	Below Cal	#	50
8) Diethyl Ether	1.70	74	505	1.004	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	1.86	101	70	Below Cal	#	17
11) Tert butyl alcohol	2.68	59	842	7.880	ug/l #	1
12) 1,1-Dichloroethene	1.87	96	212	Below Cal	#	1
13) Acrolein	2.13	56	720	13.744	ug/l	88
15) Acrylonitrile	3.04	53	287	1.561	ug/l #	33
16) Acetone	2.33	43	40365	90.217	ug/l	95
17) Carbon Disulfide	1.83	76	335	Below Cal	#	1
18) Methyl Acetate	2.45	43	4665	3.620	ug/l #	84
20) Methylene Chloride	2.27	84	10601	3.788	ug/l #	80
23) Vinyl Acetate	3.33	43	2208	1.022	ug/l #	83
25) 2-Butanone	4.49	43	2546	6.607	ug/l #	55
26) 2,2-Dichloropropane	3.76	77	97	Below Cal	#	63
28) Bromochloromethane	3.84	49	73	Below Cal	#	11
29) Tetrahydrofuran	4.24	42	858	Below Cal	#	38
37) Ethyl Acetate	4.20	43	371	Below Cal	#	1
39) Methylcyclohexane	5.75	83	5652	2.220	ug/l #	30
43) Isopropyl Acetate	7.11	43	2296	1.663	ug/l #	74
49) 1,4-Dioxane	6.67	88	60	7.672	ug/l #	22
51) 4-Methyl-2-Pentanone	8.40	43	7002	6.901	ug/l	92
52) Toluene	7.76	92	1687	Below Cal		97
58) 2-Chloroethyl Vinyl ether	7.78	63	503	2.831	ug/l	100
59) 2-Hexanone	9.63	43	14214	18.344	ug/l	91
74) N-amyl acetate	11.46	43	9107	4.168	ug/l #	90
81) trans-1,4-Dichloro-2-buten	11.99	75	972	1.239	ug/l #	15
87) 1,3-Dichlorobenzene	12.55	146	2021	Below Cal	#	81
89) n-Butylbenzene	12.92	91	4430	Below Cal	#	69
93) 1,2,4-Trichlorobenzene	14.26	180	2472	Below Cal		84
95) Naphthalene	14.52	128	8716	1.510	ug/l #	93

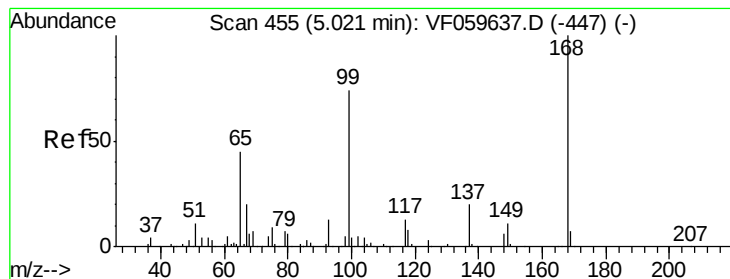
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 25 02:29:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059645.D

Acq: 24 Jul 2018 22:08

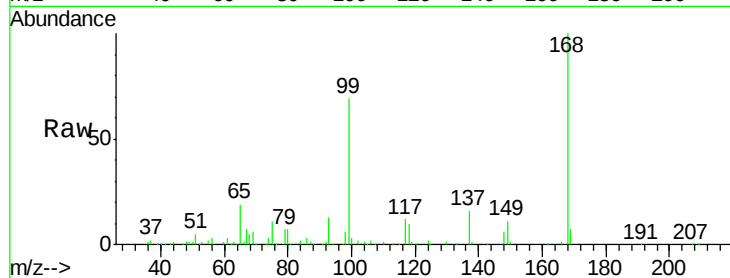
Instrument :
MSVOA_F
ClientSampled :

Tot Ion:168 Resp: 205915

Ion Ratio Lower Upper

168 100

99 69.5 59.5 89.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

60000

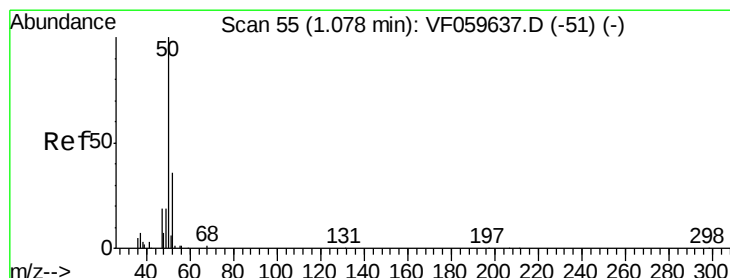
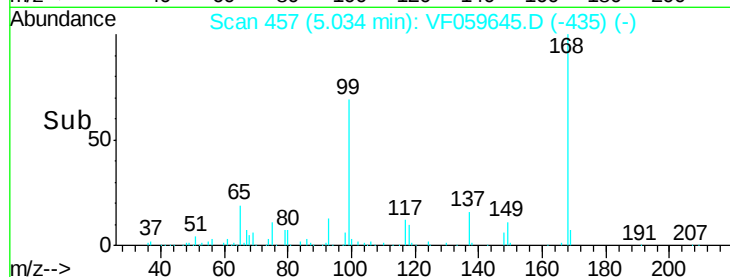
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#3

Chloromethane

Concen: Below Cal

RT: 1.10 min Scan# 58

Delta R.T. 0.02 min

Lab File: VF059645.D

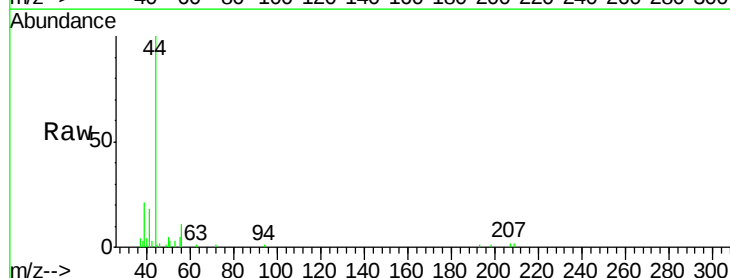
Acq: 24 Jul 2018 22:08

Tgt Ion: 50 Resp: 1119

Ion Ratio Lower Upper

50 100

52 0.0 28.0 42.0#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

1.10

500

400

300

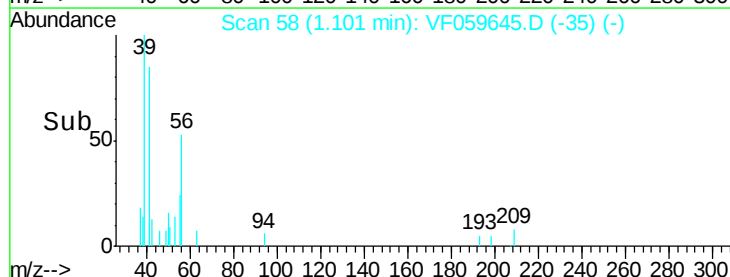
200

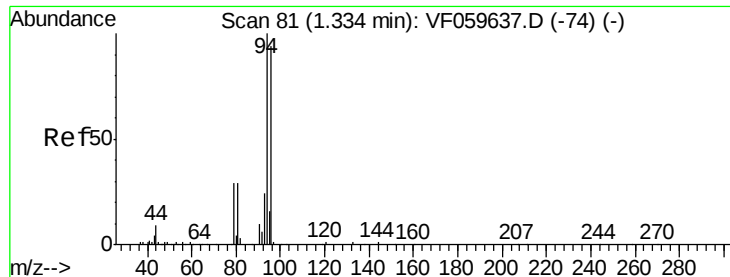
100

0

Time-->

1.05 1.10 1.15





#5

Bromomethane

Concen: Below Cal

RT: 1.36 min Scan# 84

Delta R.T. 0.02 min

Lab File: VF059645.D

Acq: 24 Jul 2018 22:08

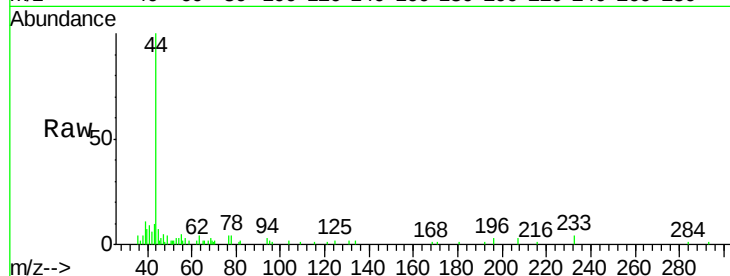
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 94 Resp: 494

Ion Ratio Lower Upper

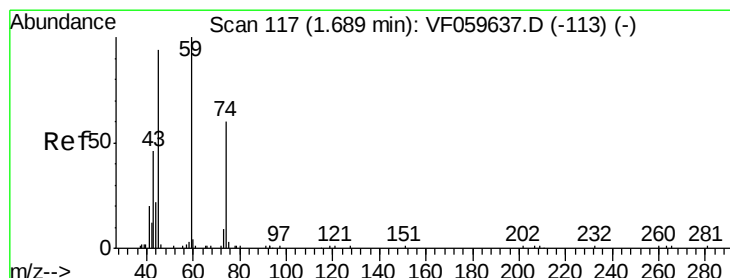
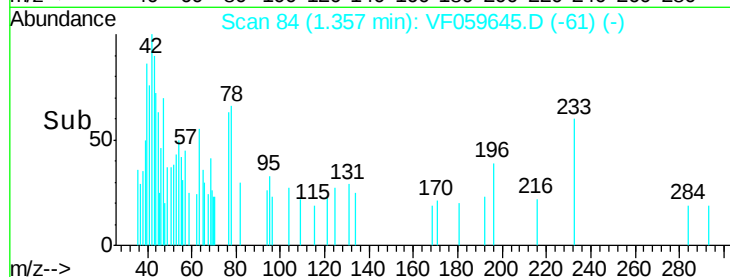
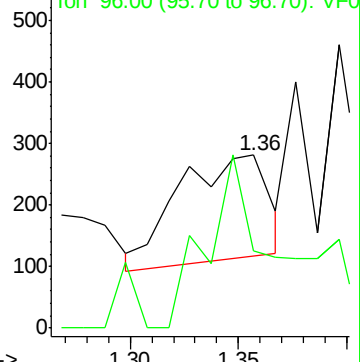
94 100

96 44.8 74.6 112.0#



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#8

Diethyl Ether

Concen: 1.004 ug/l

RT: 1.70 min Scan# 119

Delta R.T. 0.01 min

Lab File: VF059645.D

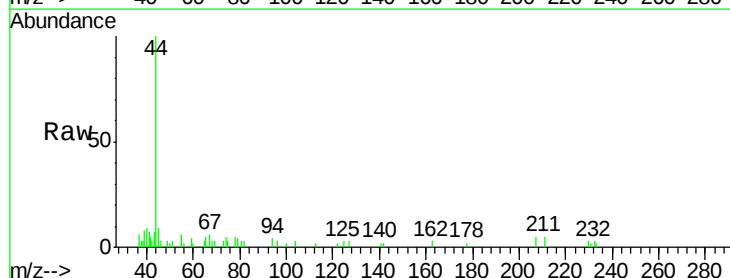
Acq: 24 Jul 2018 22:08

Tgt Ion: 74 Resp: 505

Ion Ratio Lower Upper

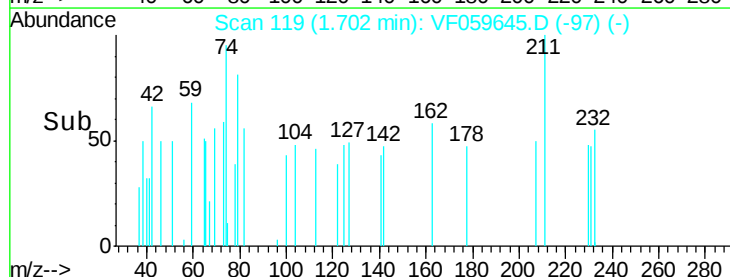
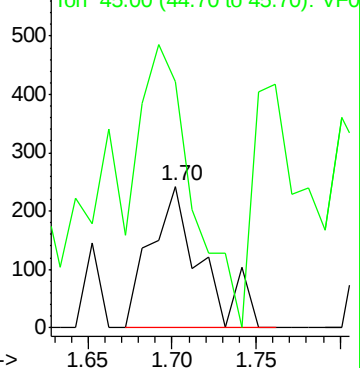
74 100

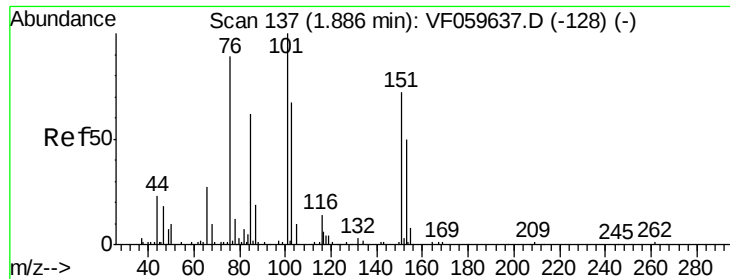
45 174.4 80.3 241.0



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 1.86 min Scan# 135

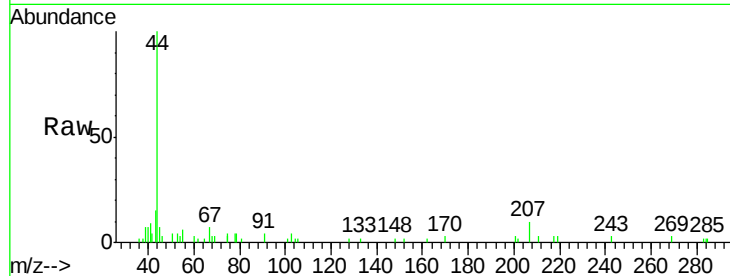
Delta R.T. -0.03 min

Lab File: VF059645.D

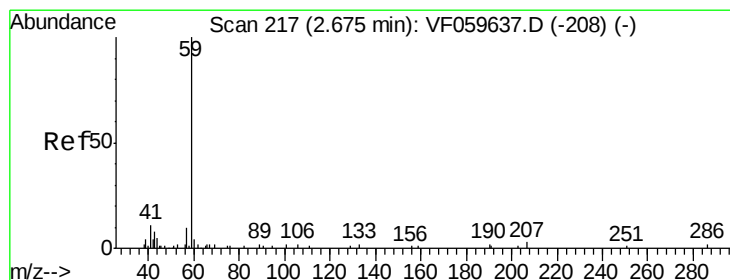
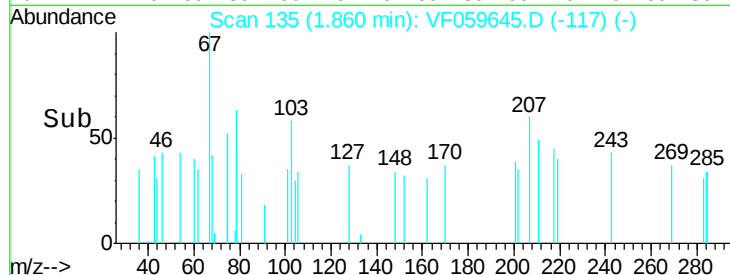
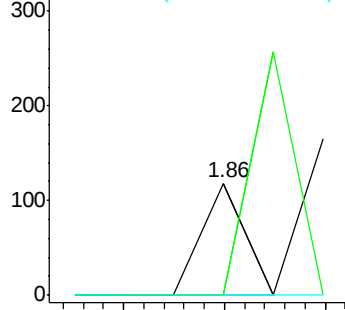
Acq: 24 Jul 2018 22:08

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	101	Resp:	70
Ion	Ratio	Lower	Upper
101	100		
85	0.0	49.0	73.4#
151	0.0	56.8	85.2#



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VF0
Ion 151.00 (150.70 to 151.70): V



#11

Tert butyl alcohol

Concen: 7.880 ug/l

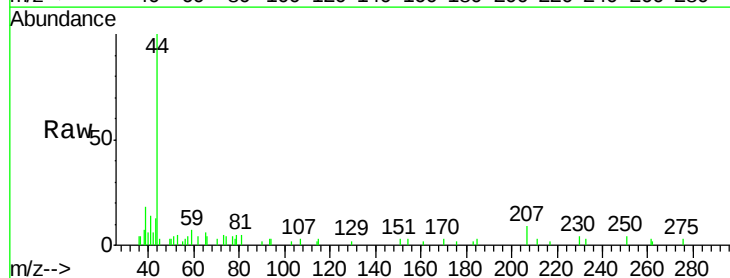
RT: 2.68 min Scan# 218

Delta R.T. 0.00 min

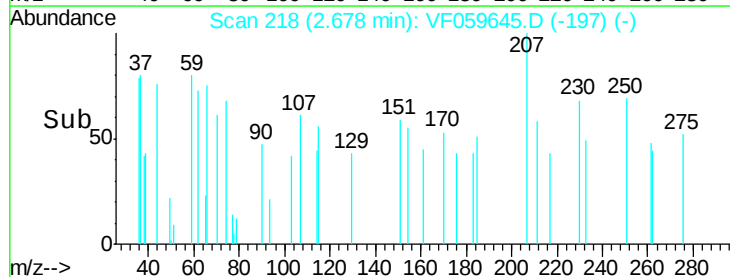
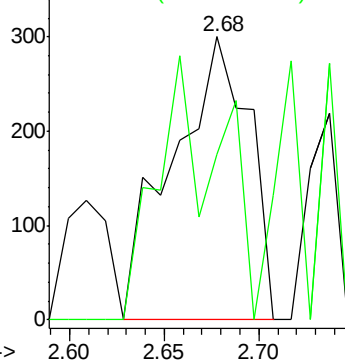
Lab File: VF059645.D

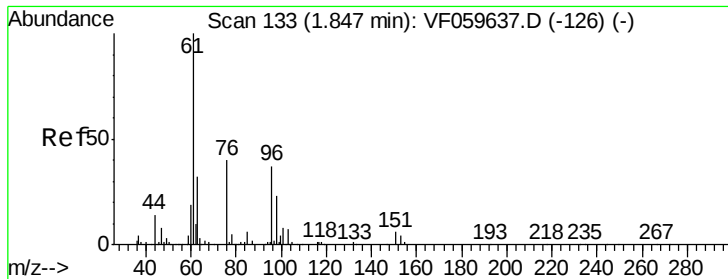
Acq: 24 Jul 2018 22:08

Tgt Ion:	59	Resp:	842
Ion	Ratio	Lower	Upper
59	100		
57	58.7	11.4	17.2#



Abundance Ion 59.00 (58.70 to 59.70): VF0
Ion 57.00 (56.70 to 57.70): VF0

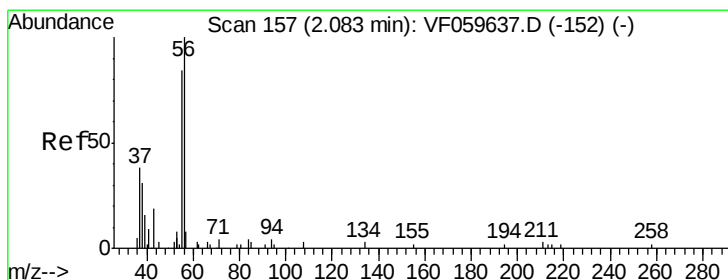
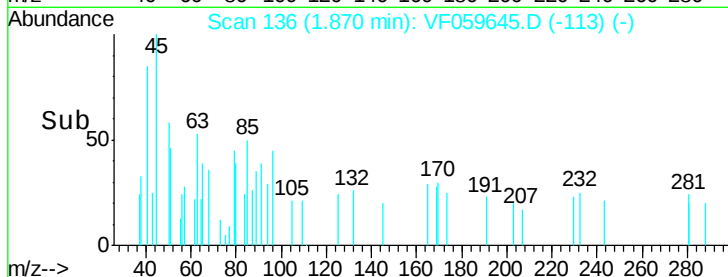
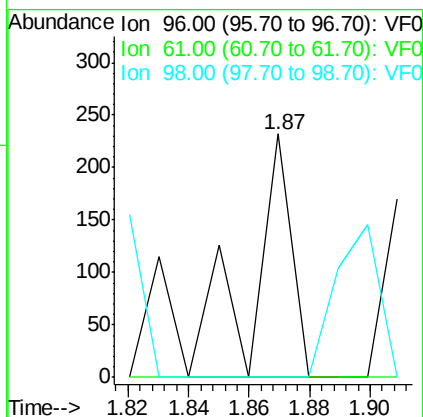
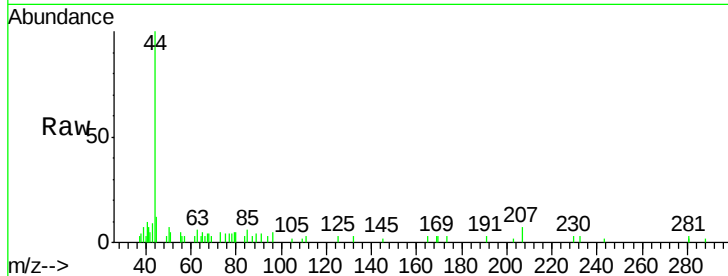




#12
 1,1-Dichloroethene
 Concen: Below Cal
 RT: 1.87 min Scan# 136
 Delta R.T. 0.02 min
 Lab File: VF059645.D
 Acq: 24 Jul 2018 22:08

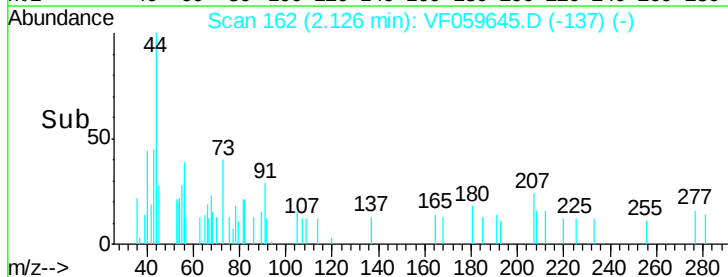
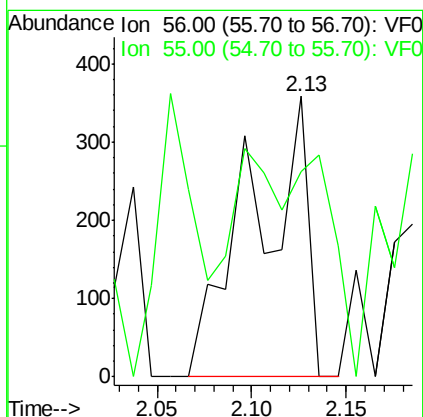
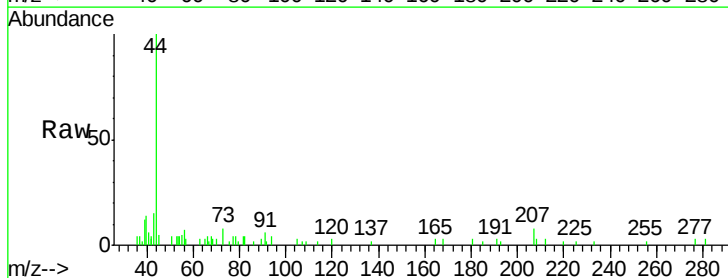
Instrument :
 MSVOA_F
 ClientSampleId :

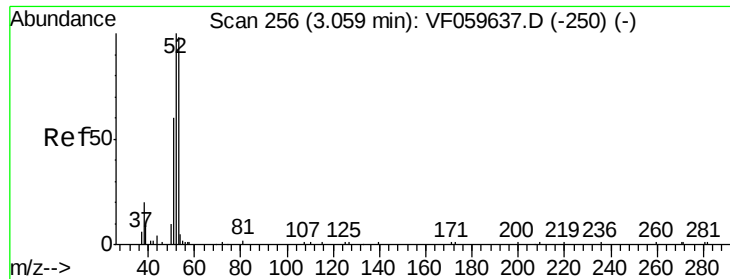
Tot Ion: 96 Resp: 212
 Ion Ratio Lower Upper
 96 100
 61 0.0 218.2 327.4#
 98 0.0 50.6 76.0#



#13
 Acrolein
 Concen: 13.744 ug/l
 RT: 2.13 min Scan# 162
 Delta R.T. 0.04 min
 Lab File: VF059645.D
 Acq: 24 Jul 2018 22:08

Tgt Ion: 56 Resp: 720
 Ion Ratio Lower Upper
 56 100
 55 73.2 67.2 100.8





#15

Acrylonitrile

Concen: 1.561 ug/l

RT: 3.04 min Scan# 255

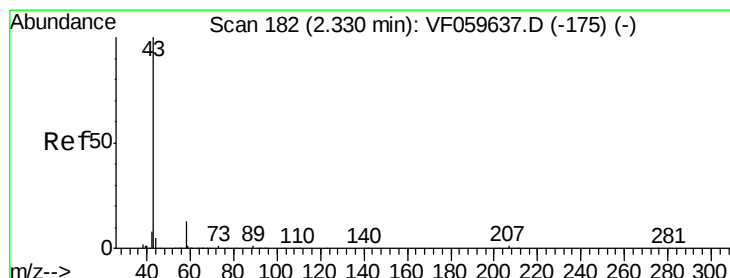
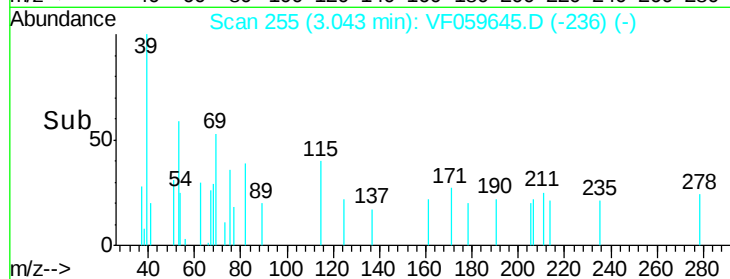
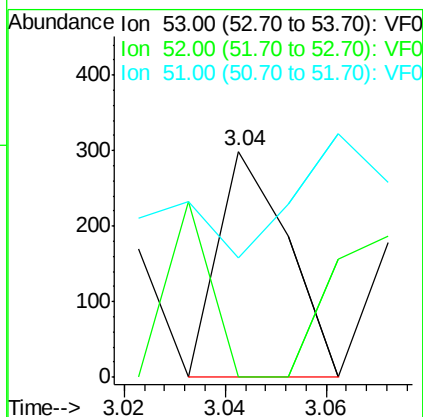
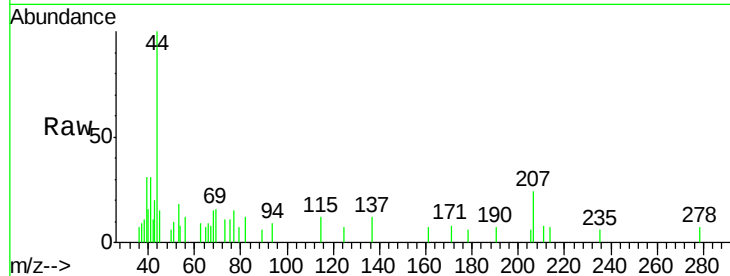
Delta R.T. -0.02 min

Lab File: VF059645.D

Acq: 24 Jul 2018 22:08

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	53	Resp:	287
Ion	Ratio	Lower	Upper
53	100		
52	0.0	80.9	121.3#
51	52.8	49.4	74.2



#16

Acetone

Concen: 90.217 ug/l

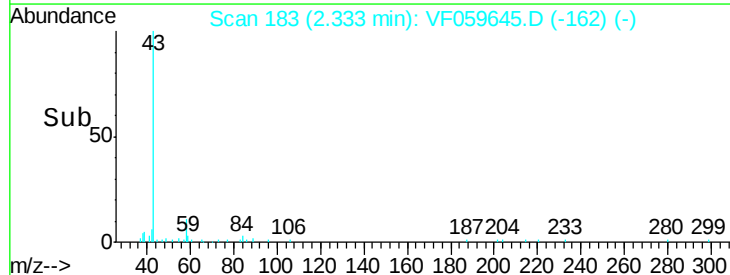
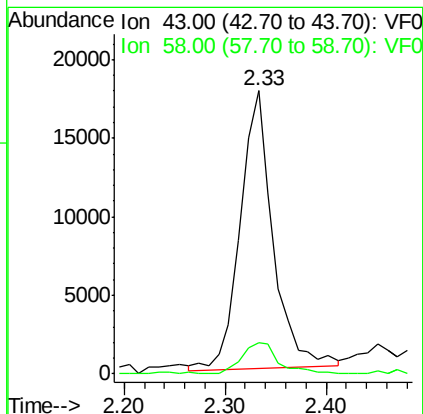
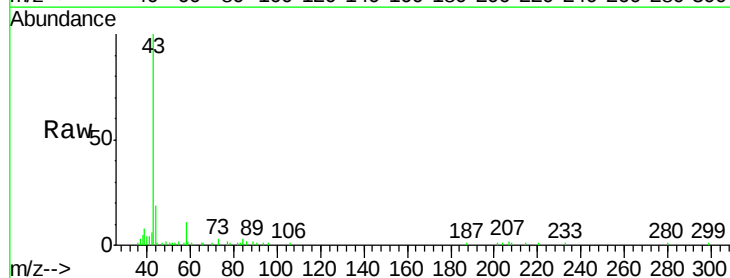
RT: 2.33 min Scan# 183

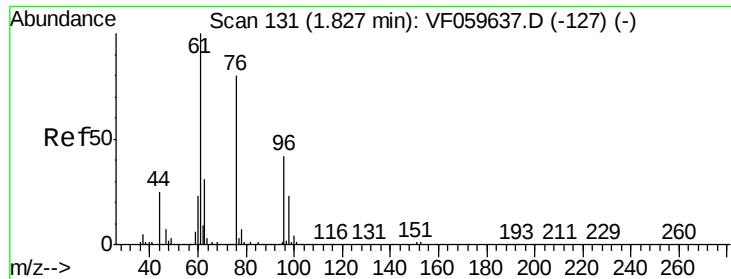
Delta R.T. 0.00 min

Lab File: VF059645.D

Acq: 24 Jul 2018 22:08

Tgt Ion:	43	Resp:	40365
Ion	Ratio	Lower	Upper
43	100		
58	10.8	10.2	15.2





#17

Carbon Disulfide

Concen: Below Cal

RT: 1.83 min Scan# 132

Delta R.T. 0.00 min

Lab File: VF059645.D

Acq: 24 Jul 2018 22:08

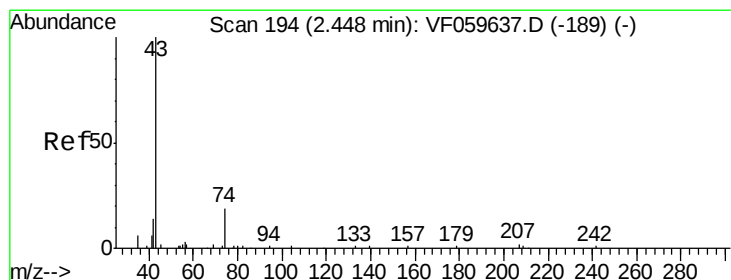
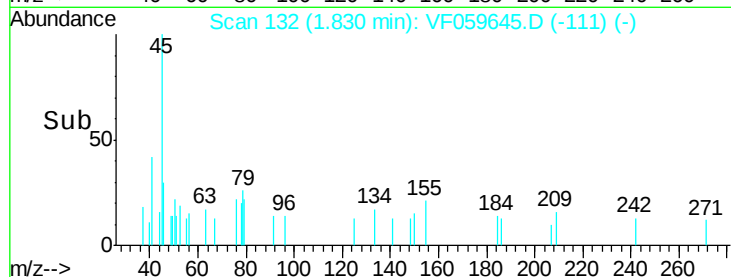
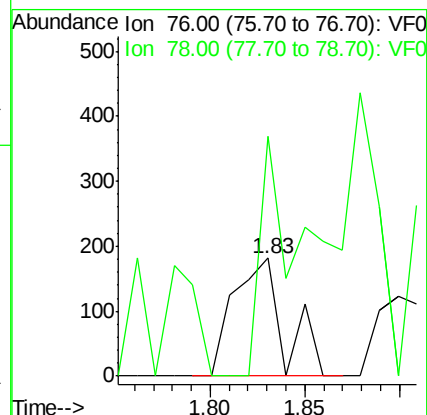
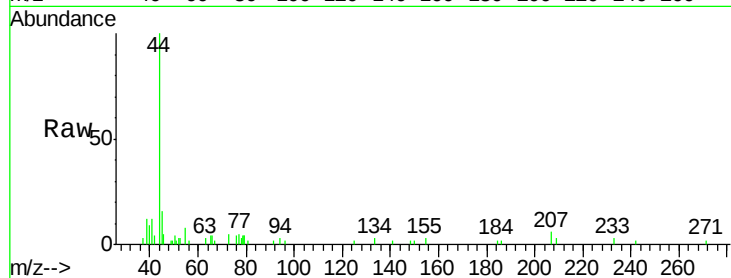
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 76 Resp: 335

Ion Ratio Lower Upper

76 100

78 202.7 7.0 10.6#



#18

Methyl Acetate

Concen: 3.620 ug/l

RT: 2.45 min Scan# 195

Delta R.T. 0.00 min

Lab File: VF059645.D

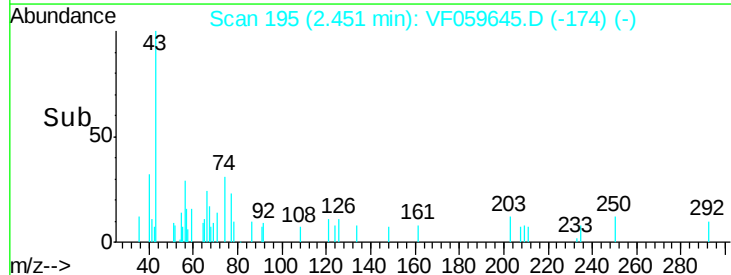
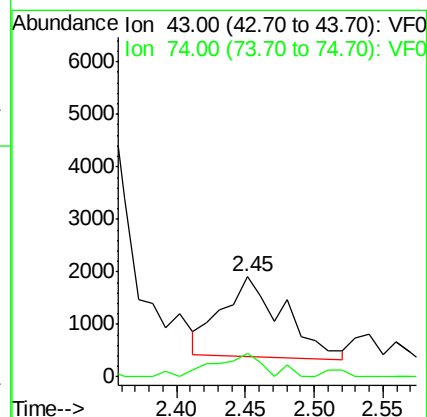
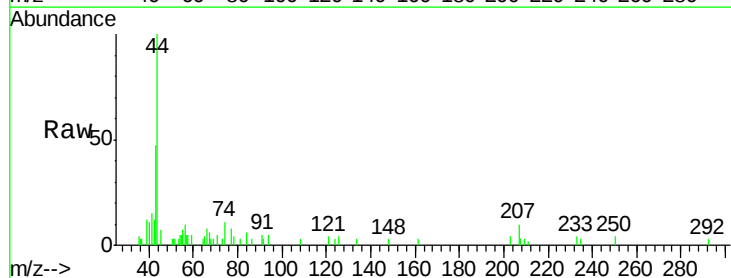
Acq: 24 Jul 2018 22:08

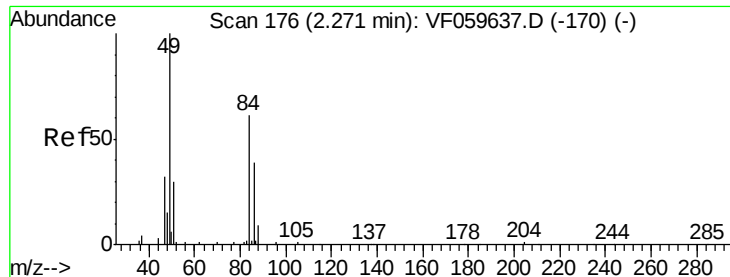
Tgt Ion: 43 Resp: 4665

Ion Ratio Lower Upper

43 100

74 22.9 13.0 19.6#

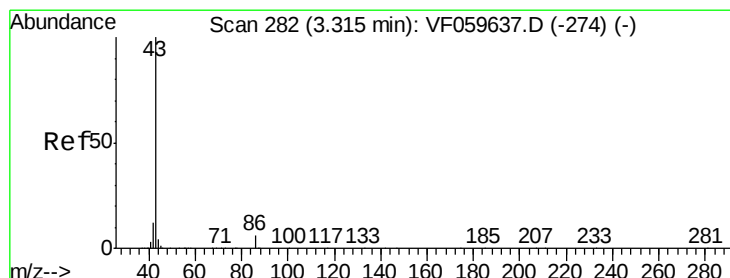
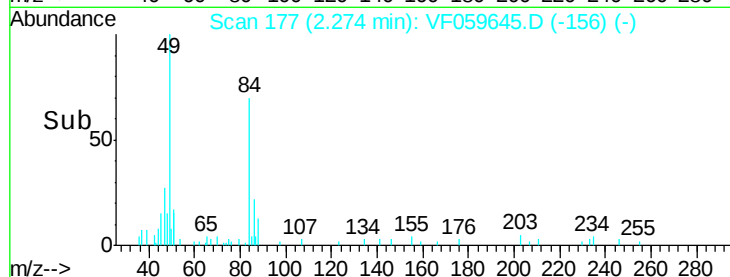
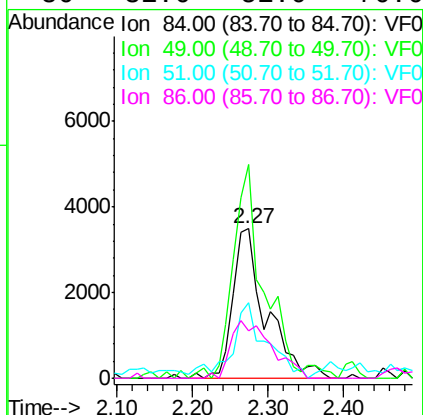
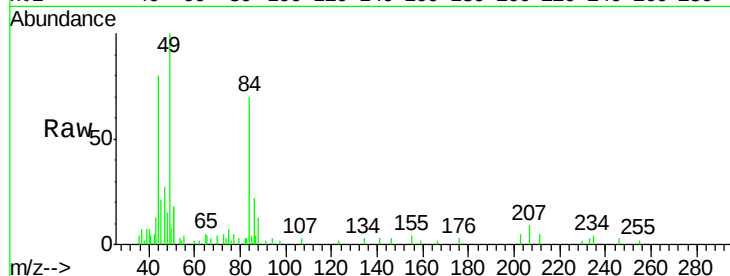




#20
Methvlene Chloride
Concen: 3.788 ug/l
RT: 2.27 min Scan# 177
Delta R.T. 0.00 min
Lab File: VF059645.D
Acq: 24 Jul 2018 22:08

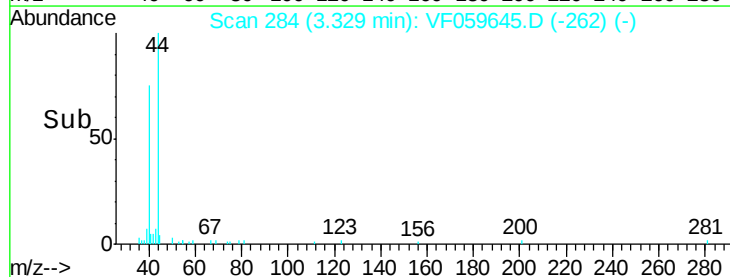
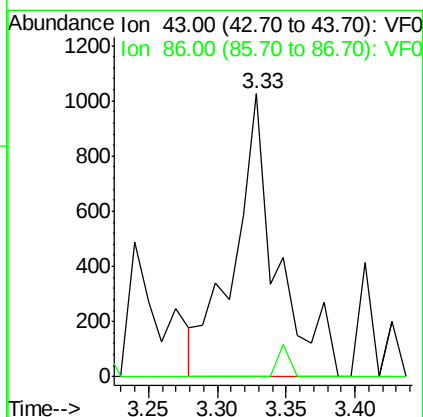
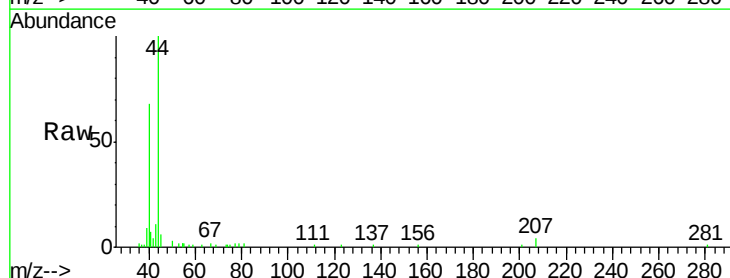
Instrument :
MSVOA_F
ClientSampleId :

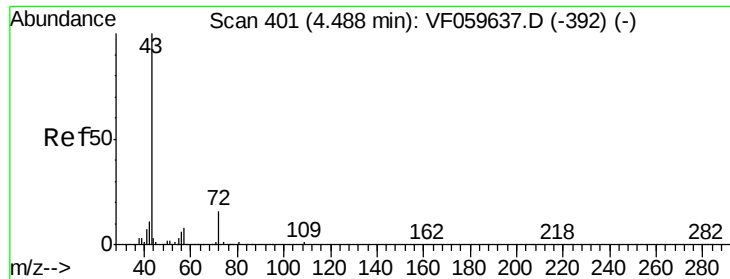
Tot Ion: 84 Resp: 10601
Ion Ratio Lower Upper
84 100
49 143.1 133.8 200.8
51 50.5 41.1 61.7
86 31.6 51.0 76.6#



#23
Vinyl Acetate
Concen: 1.022 ug/l
RT: 3.33 min Scan# 284
Delta R.T. 0.01 min
Lab File: VF059645.D
Acq: 24 Jul 2018 22:08

Tgt Ion: 43 Resp: 2208
Ion Ratio Lower Upper
43 100
86 0.0 4.5 6.7#





#25

2-Butanone

Concen: 6.607 ug/l

RT: 4.49 min Scan# 402

Delta R.T. 0.00 min

Lab File: VF059645.D

Acq: 24 Jul 2018 22:08

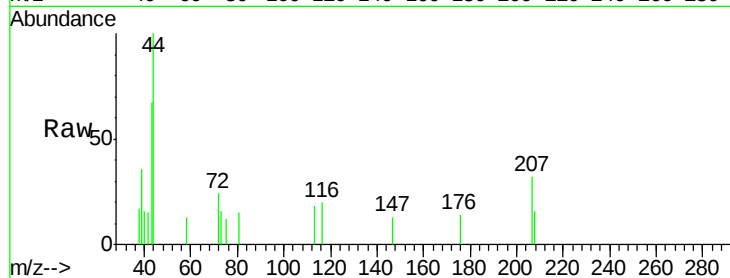
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 43 Resp: 2546

Ion Ratio Lower Upper

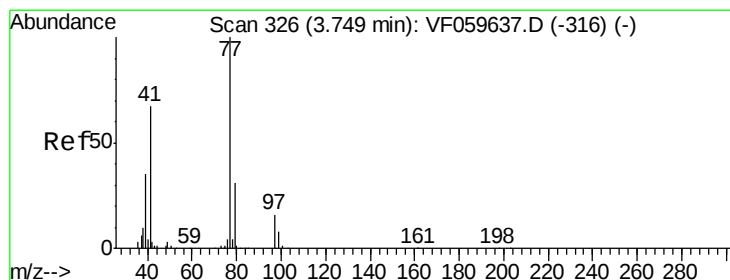
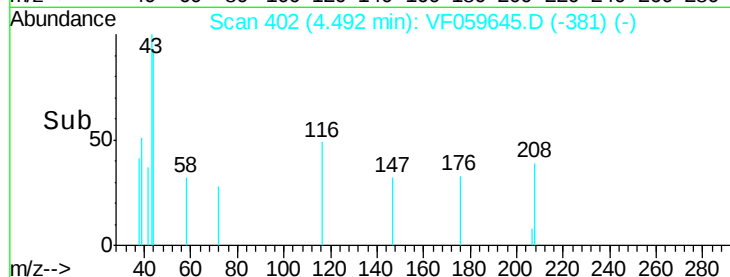
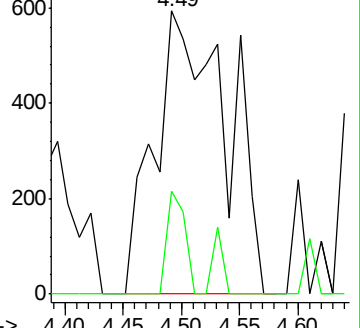
43 100

72 36.4 13.5 20.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 3.76 min Scan# 328

Delta R.T. 0.01 min

Lab File: VF059645.D

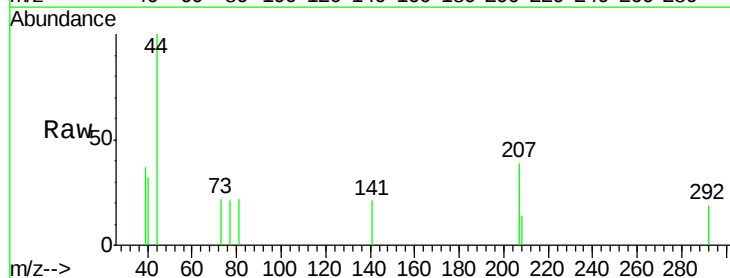
Acq: 24 Jul 2018 22:08

Tgt Ion: 77 Resp: 97

Ion Ratio Lower Upper

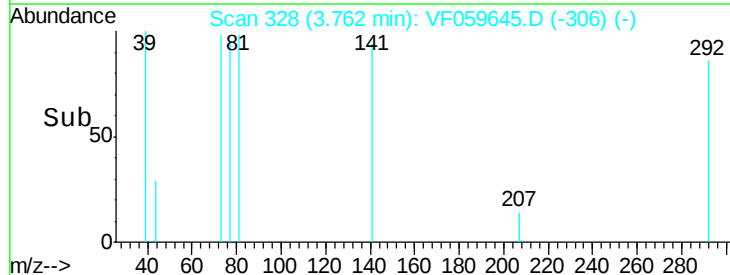
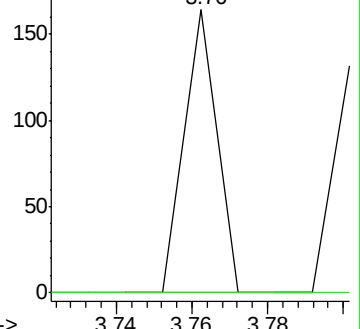
77 100

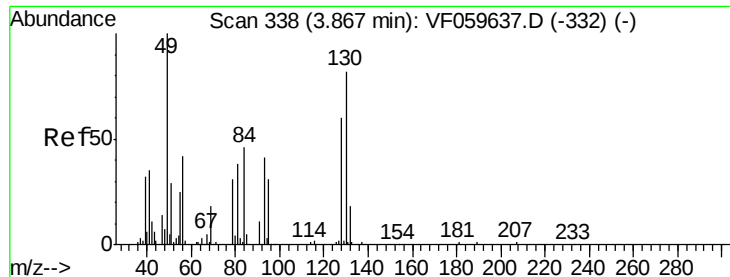
97 0.0 7.8 23.3#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0





#28

Bromochloromethane

Concen: Below Cal

RT: 3.84 min Scan# 336

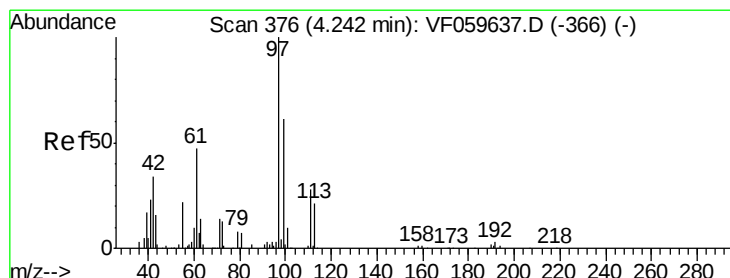
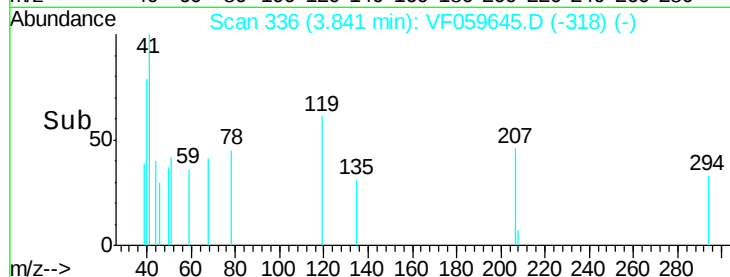
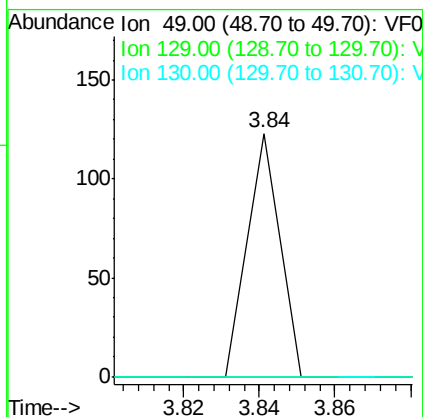
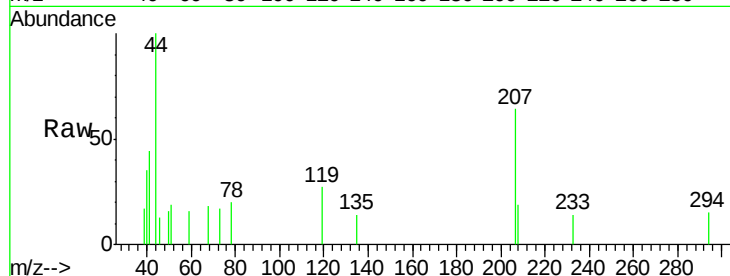
Delta R.T. -0.03 min

Lab File: VF059645.D

Acq: 24 Jul 2018 22:08

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	49	Resp:	73
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	0.0	65.0	97.4#



#29

Tetrahydrofuran

Concen: Below Cal

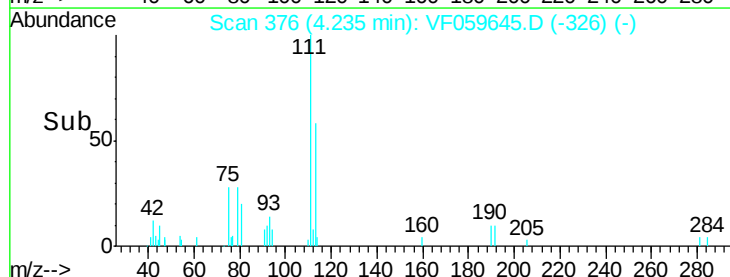
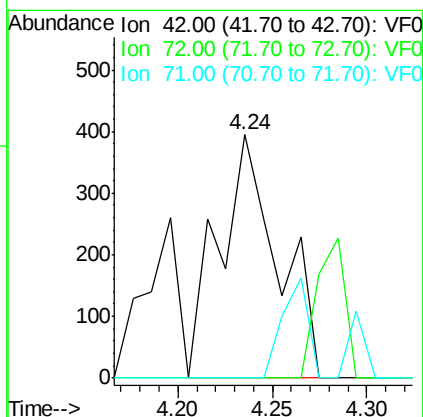
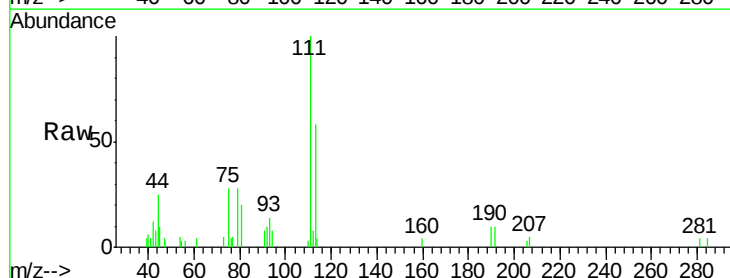
RT: 4.24 min Scan# 376

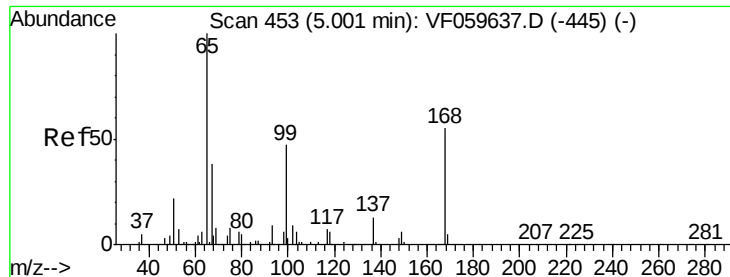
Delta R.T. -0.01 min

Lab File: VF059645.D

Acq: 24 Jul 2018 22:08

Tgt Ion:	42	Resp:	858
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.0	45.0#
71	0.0	28.6	42.8#





#33

1,2-Dichloroethane-d4

Concen: 35.260 ug/l

RT: 5.00 min Scan# 454

Delta R.T. 0.00 min

Lab File: VF059645.D

Acq: 24 Jul 2018 22:08

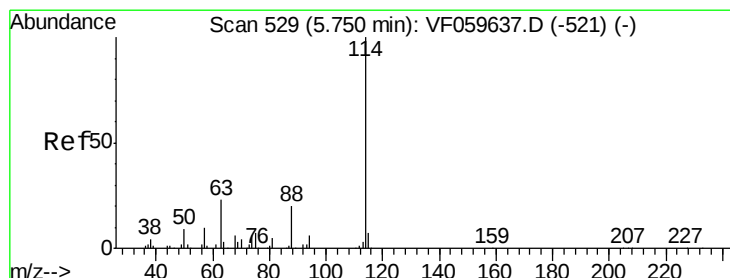
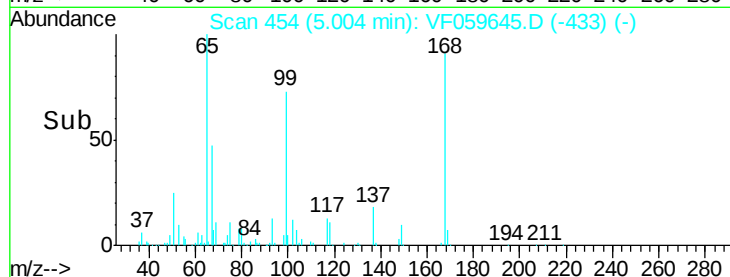
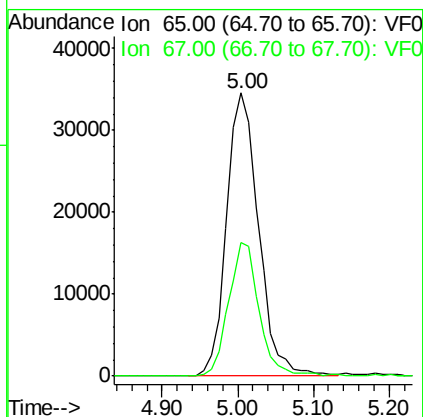
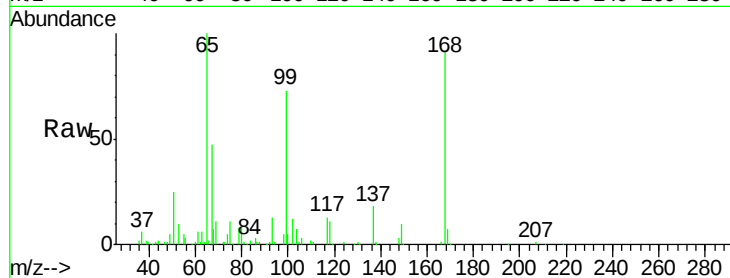
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 65 Resp: 101167

Ion Ratio Lower Upper

65 100

67 47.1 0.0 86.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 530

Delta R.T. 0.00 min

Lab File: VF059645.D

Acq: 24 Jul 2018 22:08

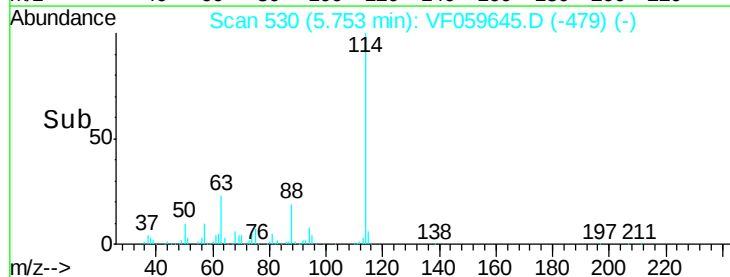
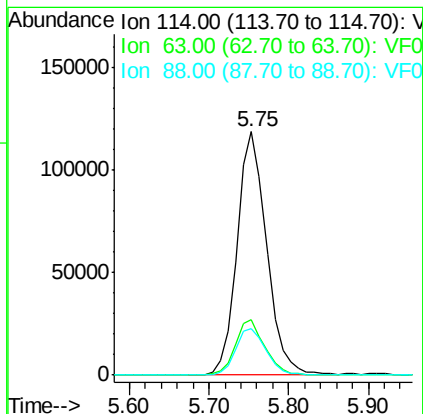
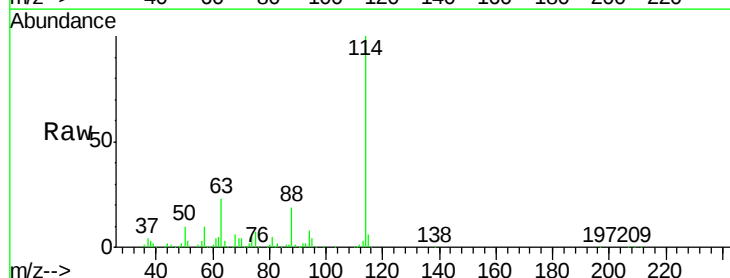
Tgt Ion: 114 Resp: 306386

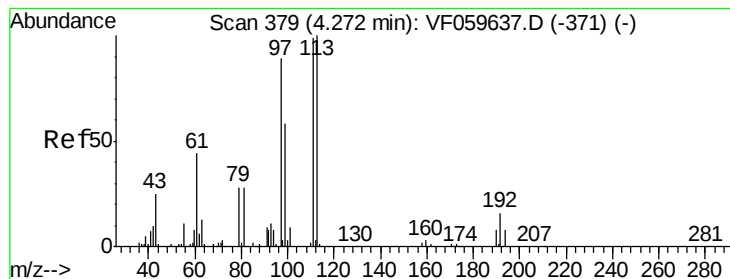
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

88 18.9 0.0 40.8





#35

Dibromofluoromethane

Concen: 35.611 ug/l

RT: 4.27 min Scan# 380

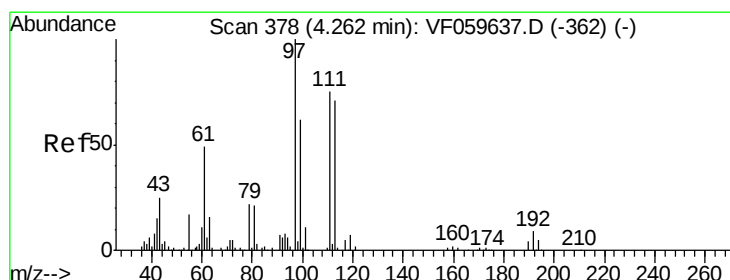
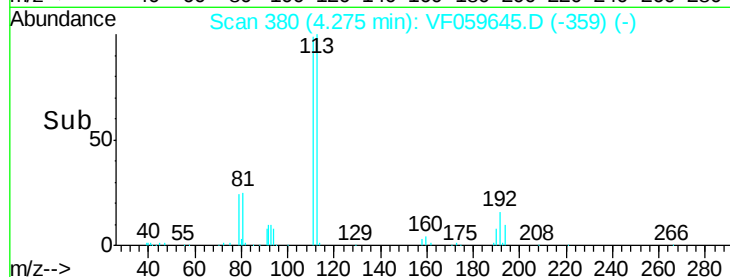
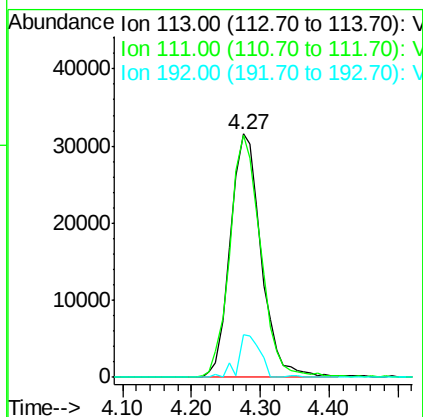
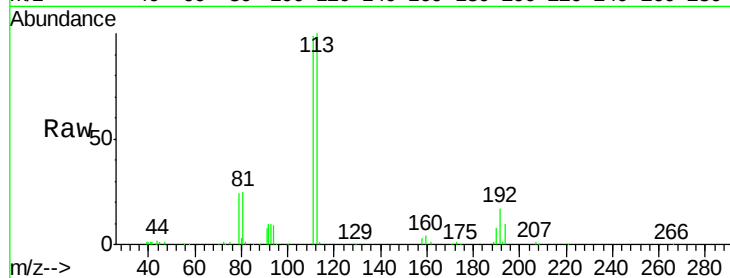
Delta R.T. 0.00 min

Lab File: VF059645.D

Acq: 24 Jul 2018 22:08

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:113	Resp:	98194
Ion	Ratio	Lower Upper
113	100	
111	99.4	79.3 118.9
192	17.5	13.4 20.2



#37

Ethyl Acetate

Concen: Below Cal

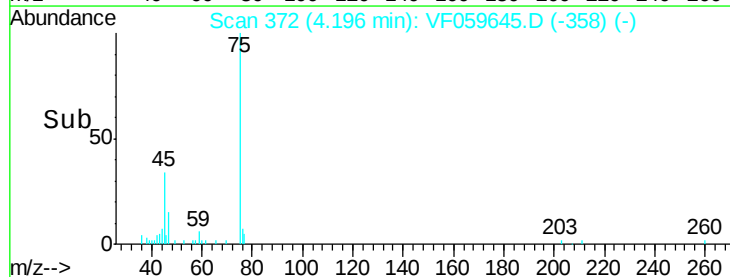
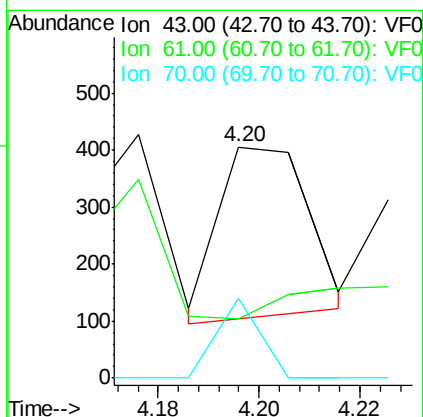
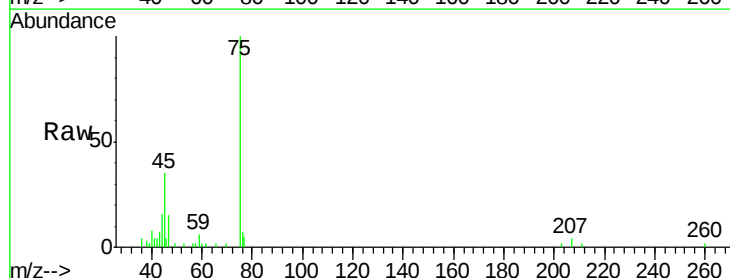
RT: 4.20 min Scan# 372

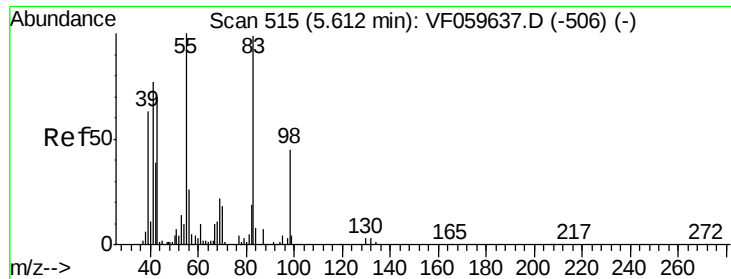
Delta R.T. -0.07 min

Lab File: VF059645.D

Acq: 24 Jul 2018 22:08

Tgt Ion: 43	Resp:	371
Ion	Ratio	Lower Upper
43	100	
61	25.4	156.6 234.8#
70	34.3	7.3 10.9#

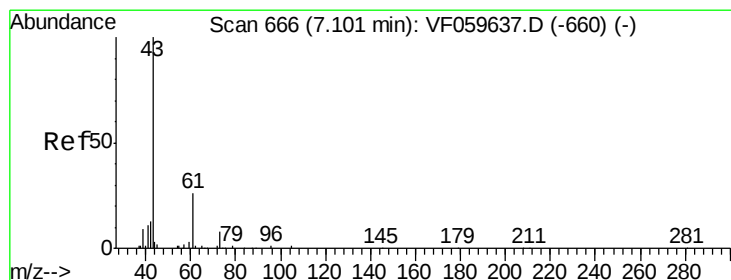
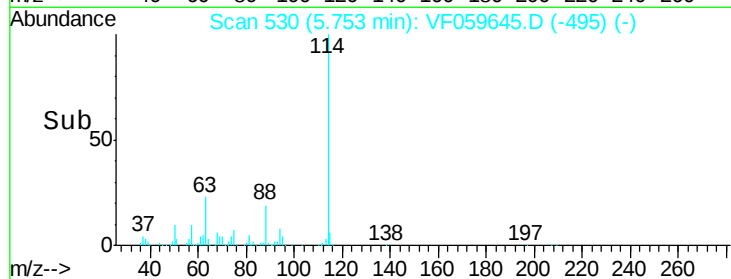
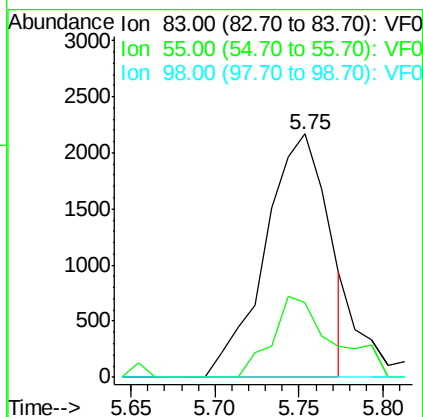
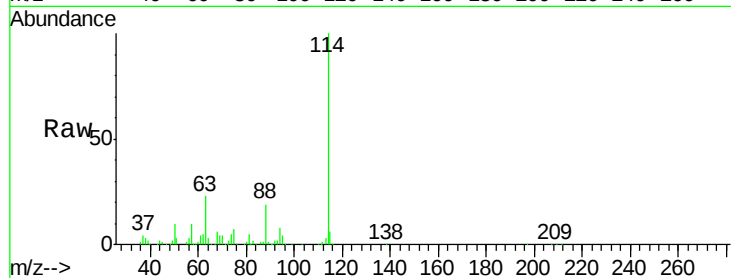




#39
Methylcyclohexane
Concen: 2.220 ug/l
RT: 5.75 min Scan# 530
Delta R.T. 0.14 min
Lab File: VF059645.D
Acq: 24 Jul 2018 22:08

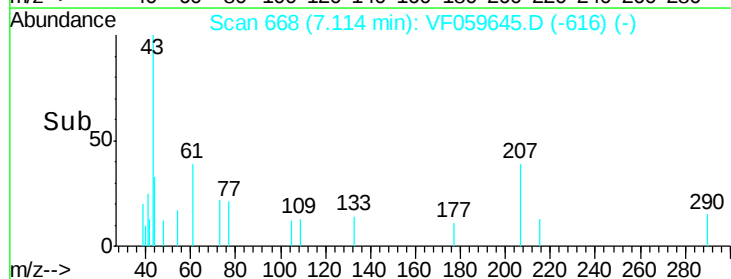
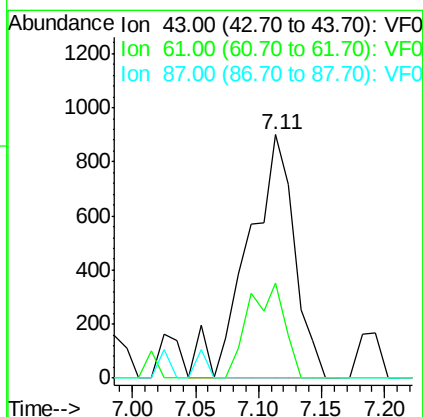
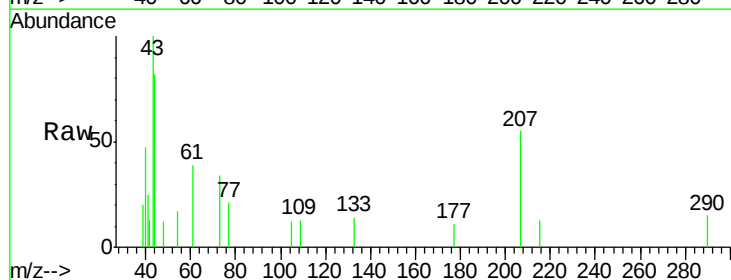
Instrument :
MSVOA_F
ClientSampled :

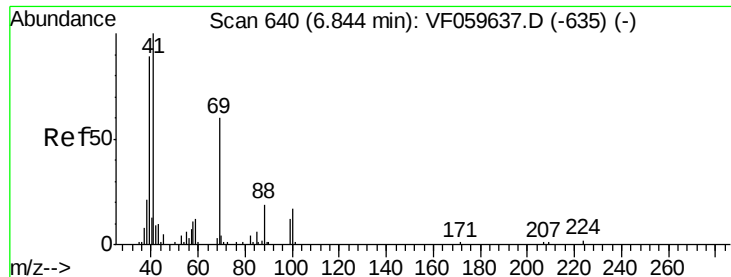
Tot Ion: 83 Resp: 5652
Ion Ratio Lower Upper
83 100
55 30.9 81.5 122.3#
98 0.0 36.7 55.1#



#43
Isopropyl Acetate
Concen: 1.663 ug/l
RT: 7.11 min Scan# 668
Delta R.T. 0.01 min
Lab File: VF059645.D
Acq: 24 Jul 2018 22:08

Tgt Ion: 43 Resp: 2296
Ion Ratio Lower Upper
43 100
61 38.8 20.5 30.7#
87 0.0 0.4 0.6#





#49

1,4-Dioxane

Concen: 7.672 ug/l

RT: 6.67 min Scan# 623

Delta R.T. -0.17 min

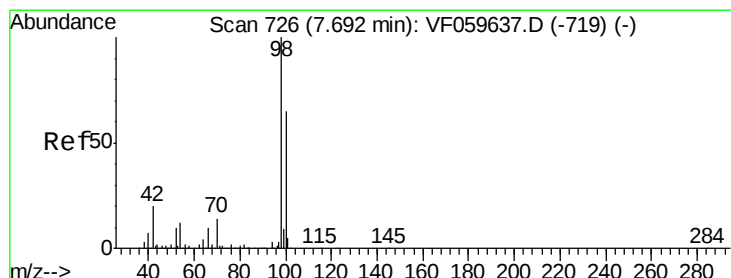
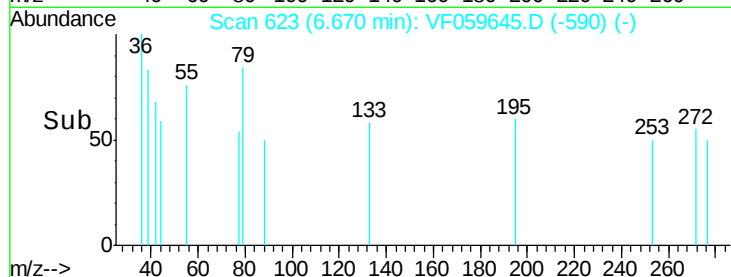
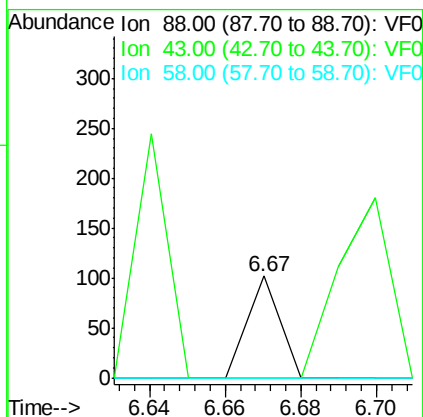
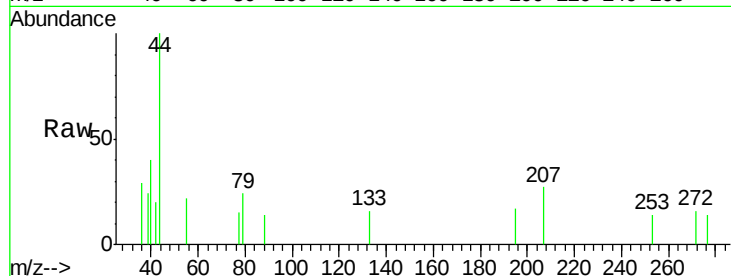
Lab File: VF059645.D

Acq: 24 Jul 2018 22:08

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 88 Resp: 60

Ion	Ratio	Lower	Upper
88	100		
43	0.0	45.3	67.9#
58	0.0	47.7	71.5#



#50

Toluene-d8

Concen: 29.791 ug/l

RT: 7.70 min Scan# 727

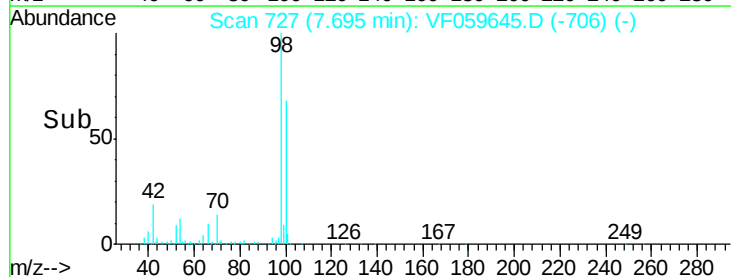
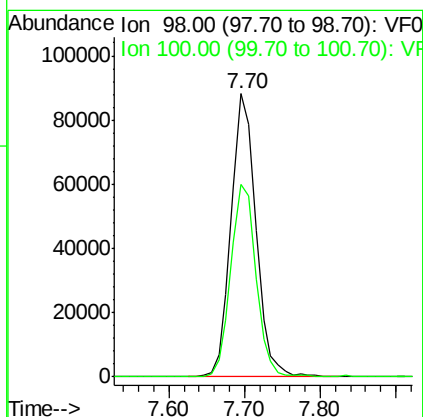
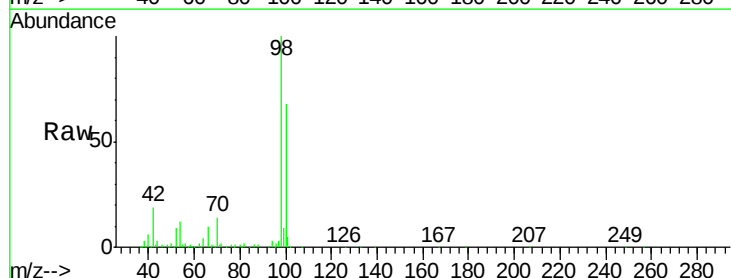
Delta R.T. 0.00 min

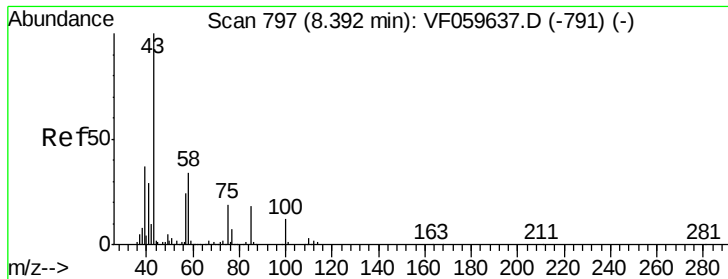
Lab File: VF059645.D

Acq: 24 Jul 2018 22:08

Tgt Ion: 98 Resp: 200214

Ion	Ratio	Lower	Upper
98	100		
100	68.0	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 6.901 ug/l

RT: 8.40 min Scan# 799

Delta R.T. 0.01 min

Lab File: VF059645.D

Acq: 24 Jul 2018 22:08

Instrument :

MSVOA_F

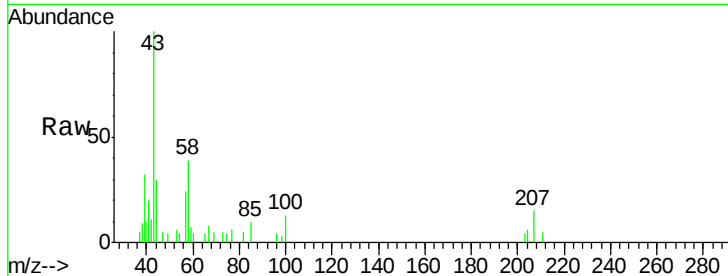
ClientSampleId :

Tot Ion: 43 Resp: 7002

Ion Ratio Lower Upper

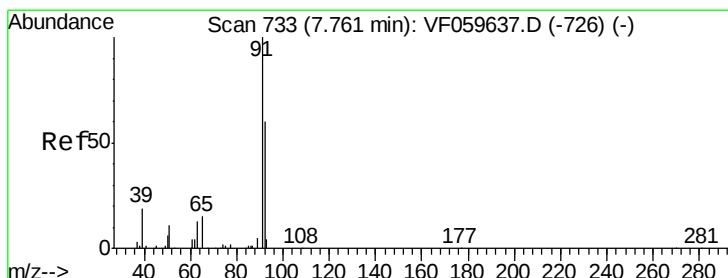
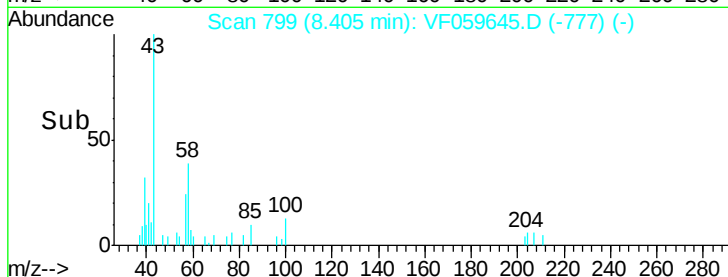
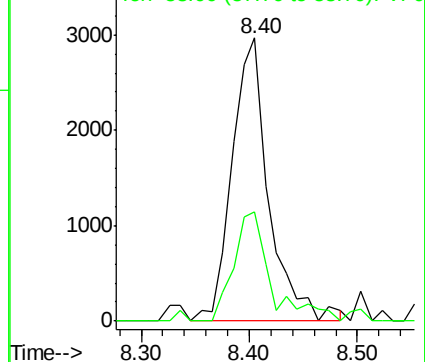
43 100

58 38.7 27.3 40.9



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: 7.76 min Scan# 734

Delta R.T. 0.00 min

Lab File: VF059645.D

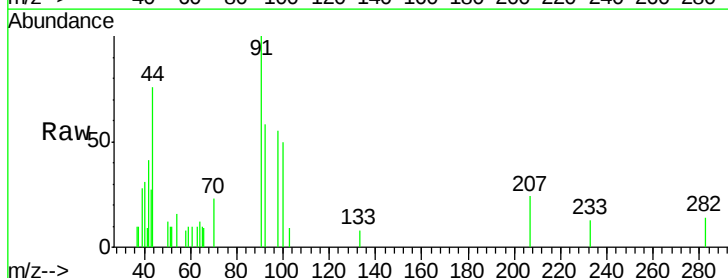
Acq: 24 Jul 2018 22:08

Tgt Ion: 92 Resp: 1687

Ion Ratio Lower Upper

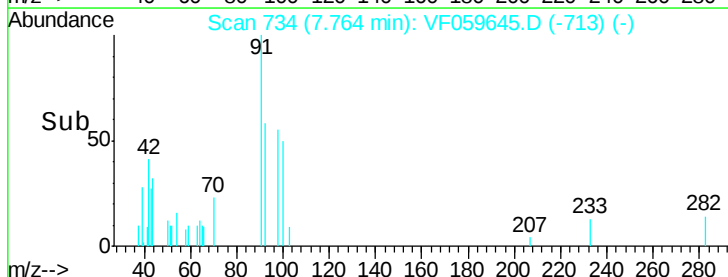
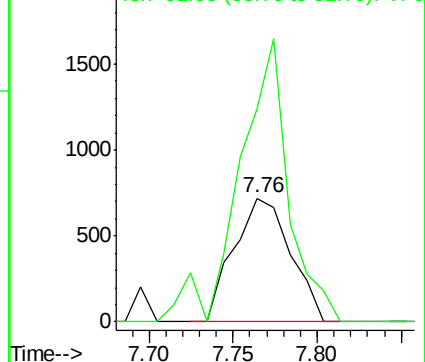
92 100

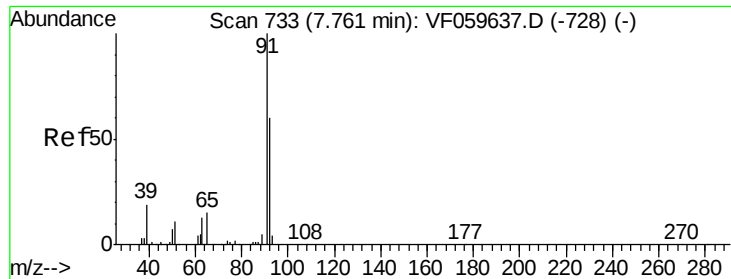
91 172.3 134.2 201.4



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

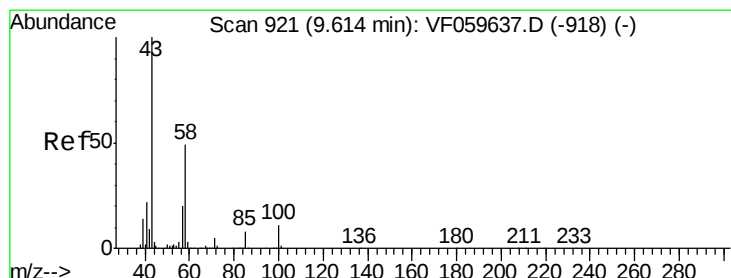
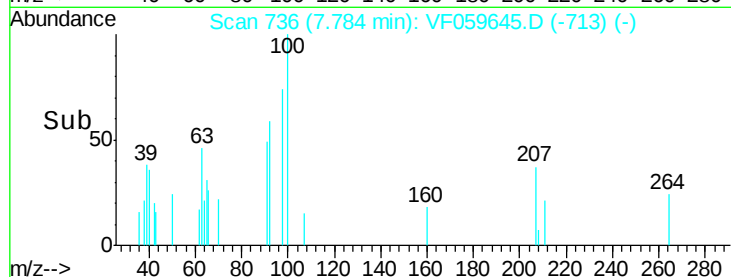
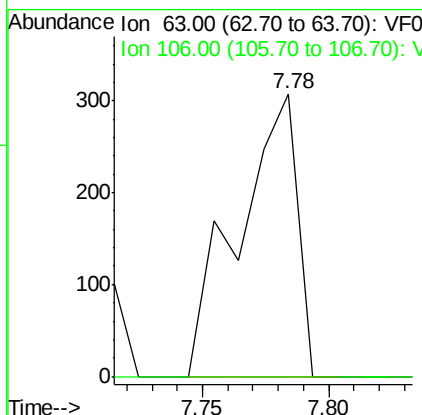
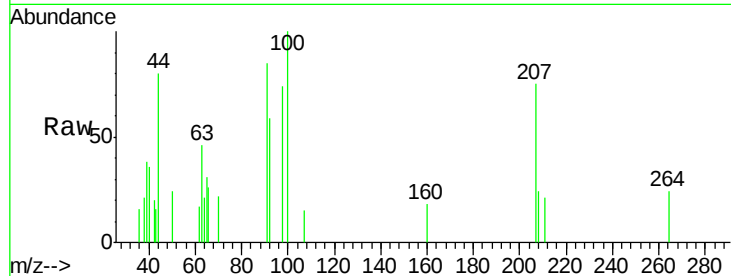




#58
 2-Chloroethyl Vinyl ether
 Concen: 2.831 ug/l
 RT: 7.78 min Scan# 736
 Delta R.T. 0.02 min
 Lab File: VF059645.D
 Acq: 24 Jul 2018 22:08

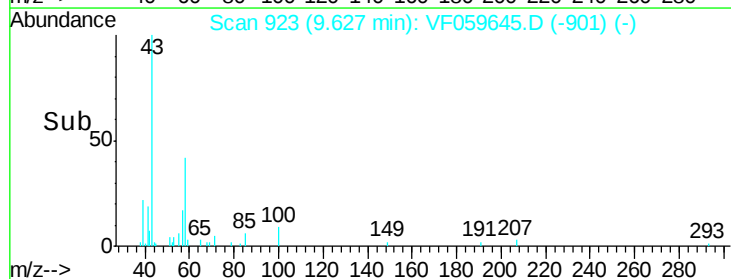
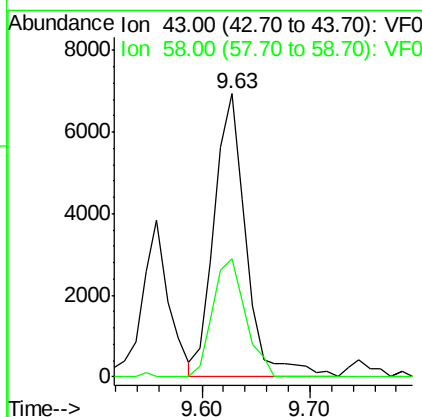
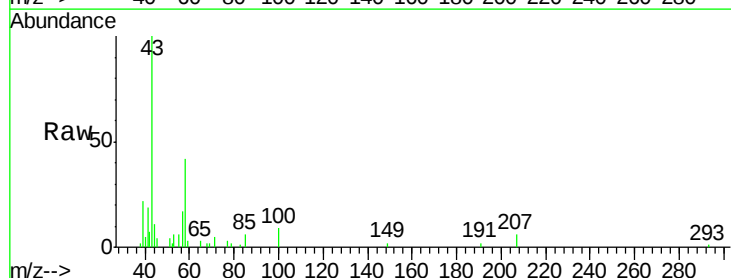
Instrument :
 MSVOA_F
 ClientSampleId :

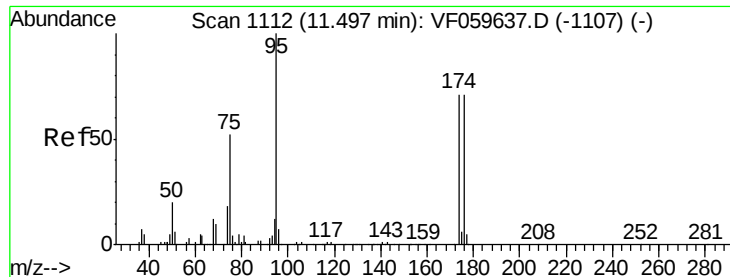
Tot Ion: 63 Resp: 503
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0



#59
 2-Hexanone
 Concen: 18.344 ug/l
 RT: 9.63 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VF059645.D
 Acq: 24 Jul 2018 22:08

Tgt Ion: 43 Resp: 14214
 Ion Ratio Lower Upper
 43 100
 58 41.6 23.6 71.0

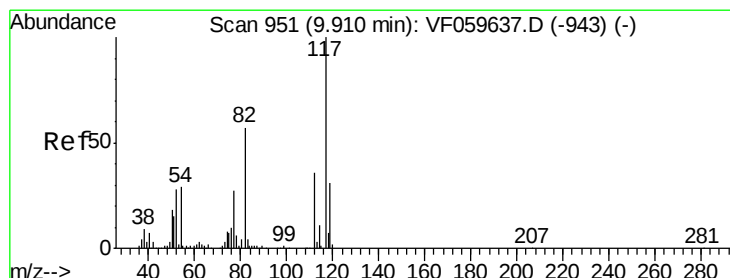
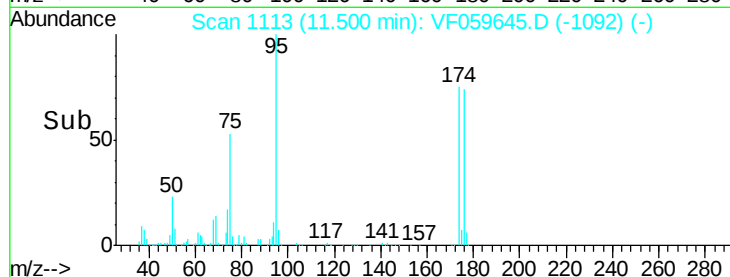
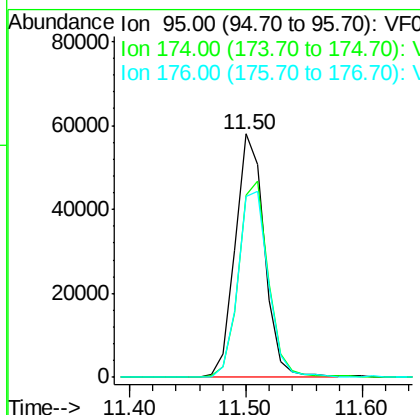
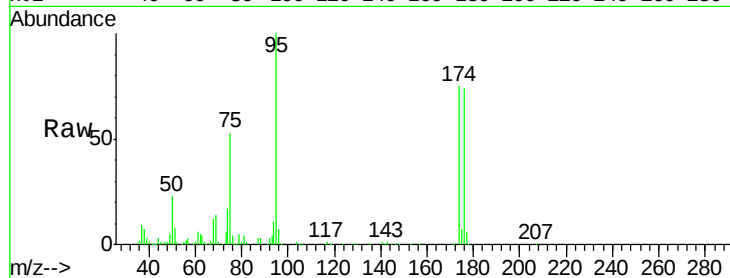




#62
4-Bromofluorobenzene
Concen: 29.221 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VF059645.D
Acq: 24 Jul 2018 22:08

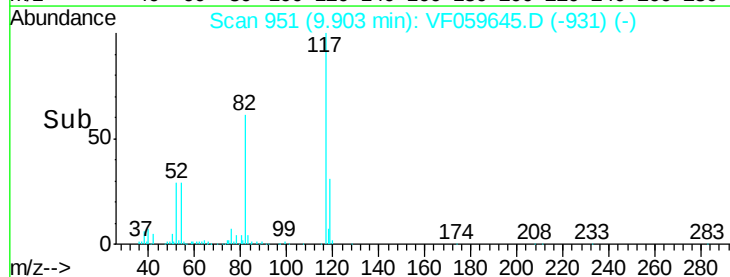
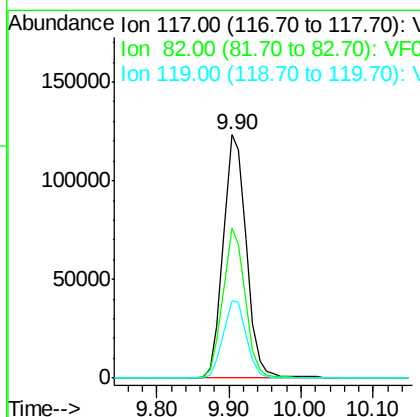
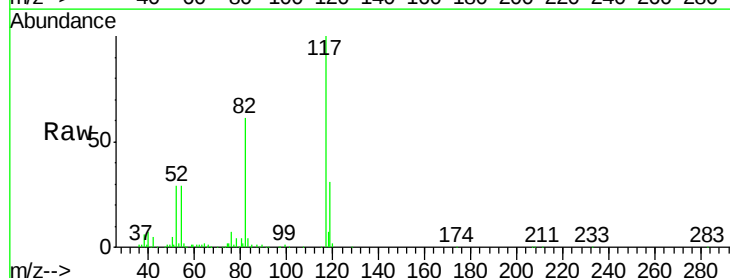
Instrument :
MSVOA_F
ClientSampleId :

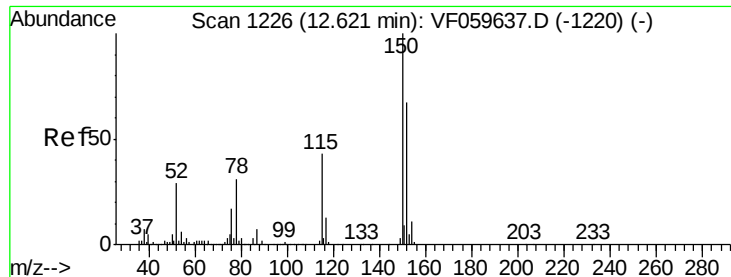
Tot Ion: 95 Resp: 100911
Ion Ratio Lower Upper
95 100
174 74.9 0.0 141.8
176 74.1 0.0 142.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF059645.D
Acq: 24 Jul 2018 22:08

Tgt Ion: 117 Resp: 274702
Ion Ratio Lower Upper
117 100
82 61.5 45.9 68.9
119 31.5 25.1 37.7



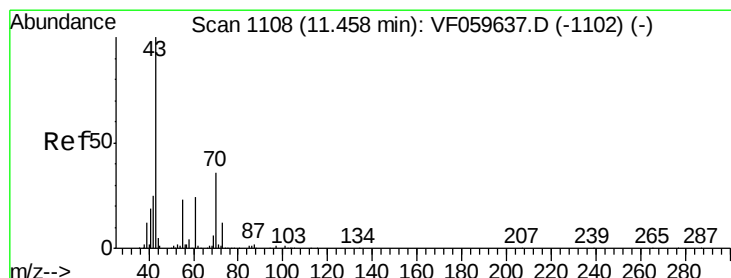
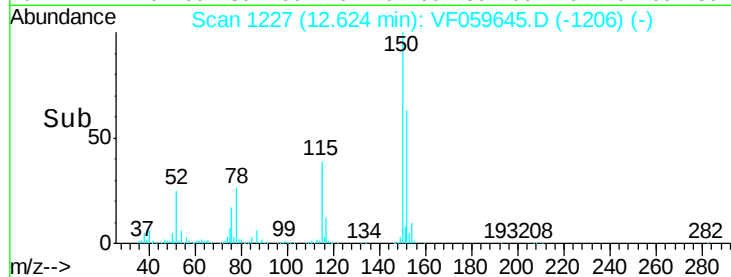
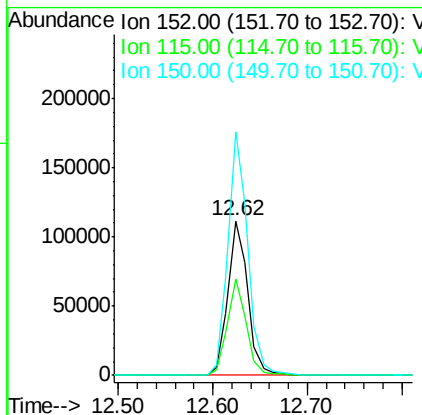
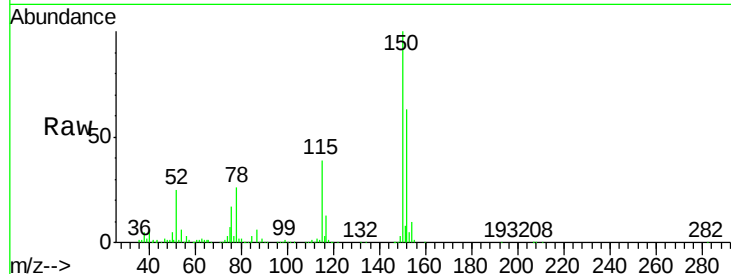


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VF059645.D
Acq: 24 Jul 2018 22:08

Instrument :
MSVOA_F
ClientSampleId :

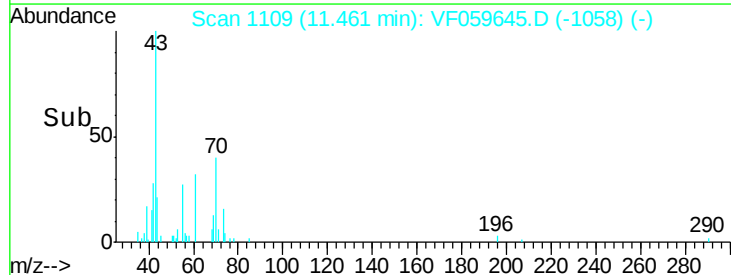
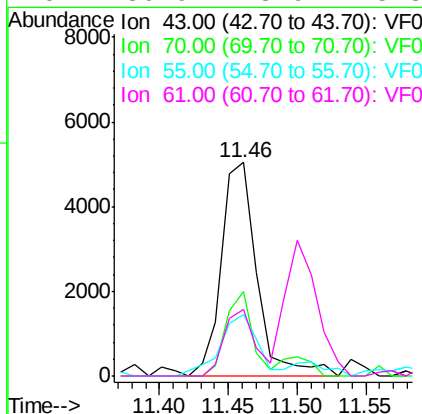
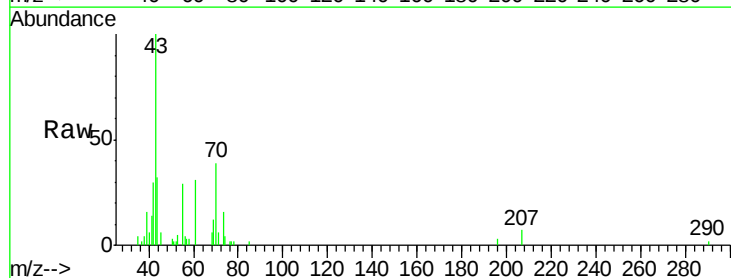
Tot Ion	Ratio	Lower	Upper
152	100		
115	62.1	32.0	96.2
150	157.8	0.0	313.2

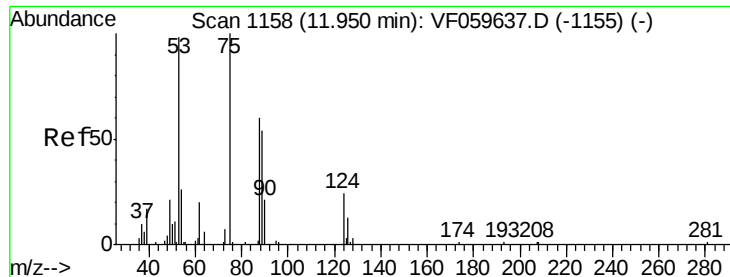


#74

N-ethyl acetate
Concen: 4.168 ug/l
RT: 11.46 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VF059645.D
Acq: 24 Jul 2018 22:08

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.4	29.4	44.0
55	29.0	18.2	27.4#
61	30.9	18.9	28.3#





#81

trans-1,4-Dichloro-2-butene

Concen: 1.239 ug/l

RT: 11.99 min Scan# 1163

Delta R.T. 0.04 min

Lab File: VF059645.D

Acq: 24 Jul 2018 22:08

Instrument :

MSVOA_F

ClientSampled :

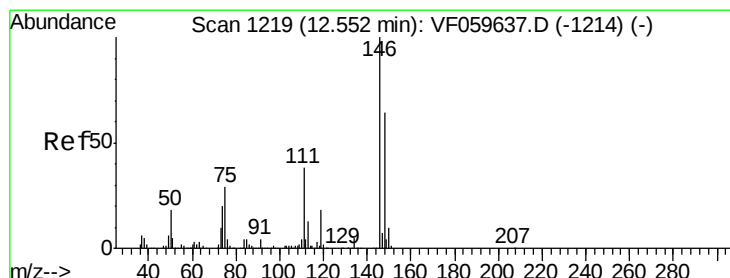
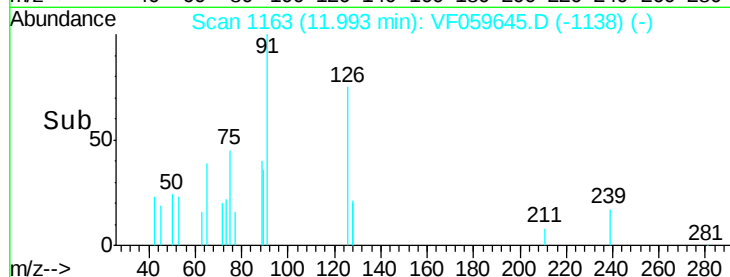
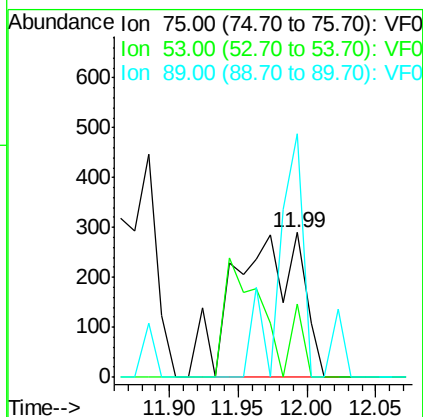
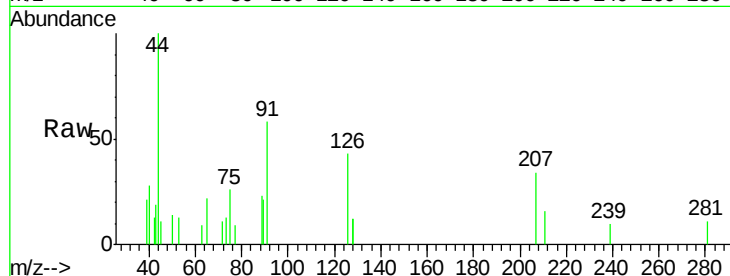
Tot Ion: 75 Resp: 972

Ion Ratio Lower Upper

75 100

53 50.3 82.3 123.5#

89 168.3 48.2 72.2#



#87

1,3-Dichlorobenzene

Concen: Below Cal

RT: 12.55 min Scan# 1220

Delta R.T. 0.00 min

Lab File: VF059645.D

Acq: 24 Jul 2018 22:08

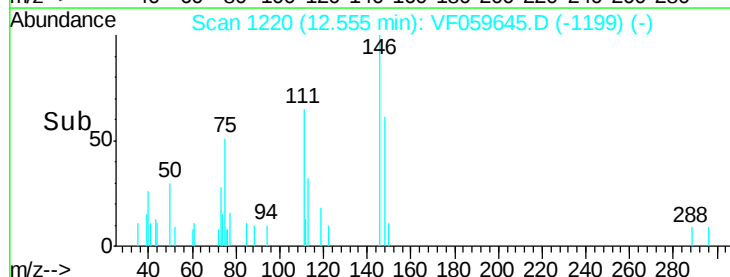
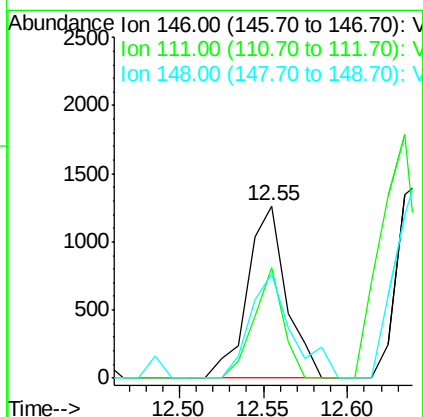
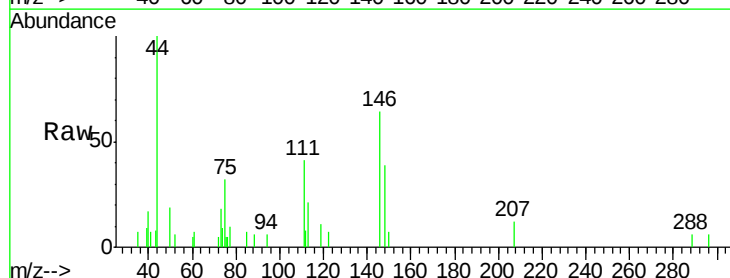
Tgt Ion: 146 Resp: 2021

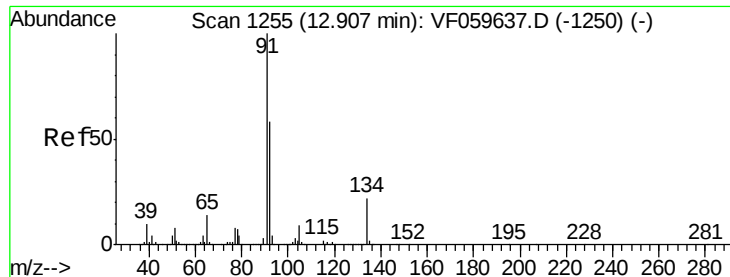
Ion Ratio Lower Upper

146 100

111 64.5 19.1 57.1#

148 60.8 31.9 95.9





#89

n-Butylbenzene

Concen: Below Cal

RT: 12.92 min Scan# 1257

Delta R.T. 0.01 min

Lab File: VF059645.D

Acq: 24 Jul 2018 22:08

Instrument :

MSVOA_F

ClientSampleId :

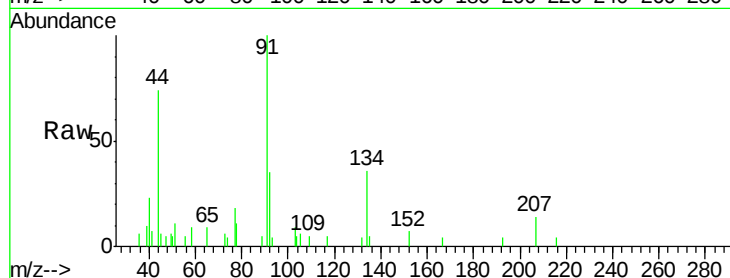
Tot Ion: 91 Resp: 4430

Ion Ratio Lower Upper

91 100

92 34.7 29.1 87.3

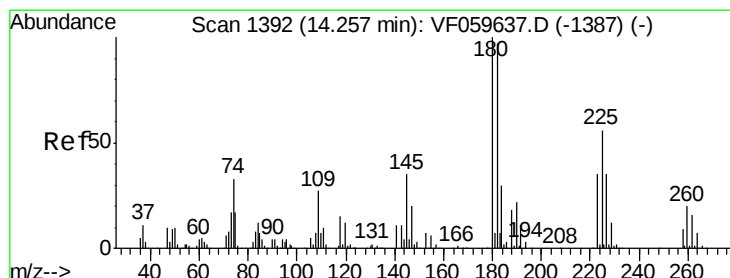
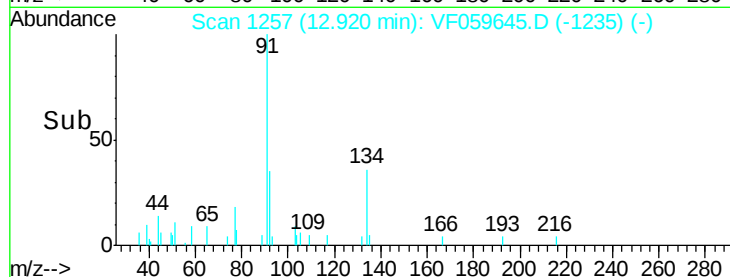
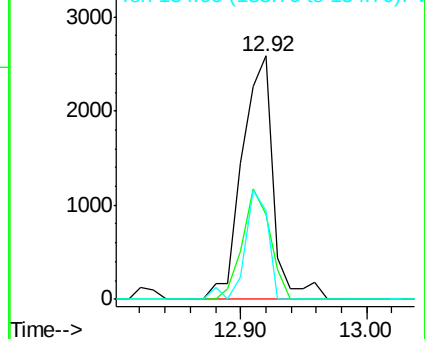
134 36.4 11.2 33.6#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#93

1,2,4-Trichlorobenzene

Concen: Below Cal

RT: 14.26 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VF059645.D

Acq: 24 Jul 2018 22:08

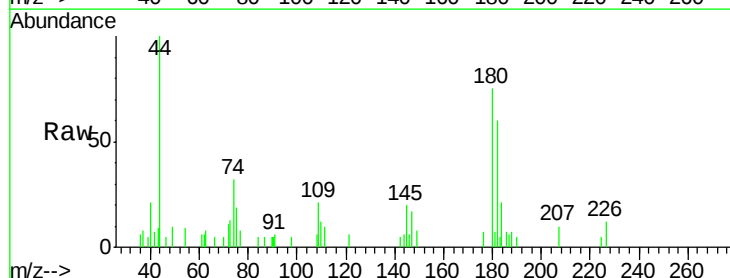
Tgt Ion: 180 Resp: 2472

Ion Ratio Lower Upper

180 100

182 80.9 48.5 145.6

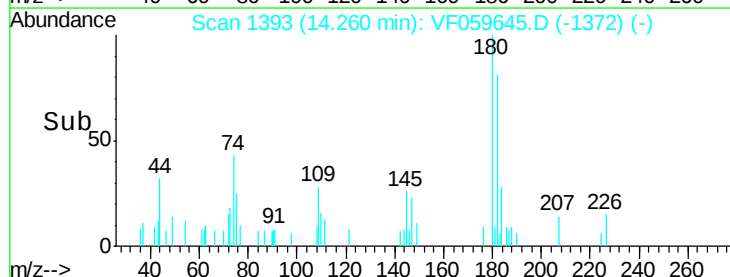
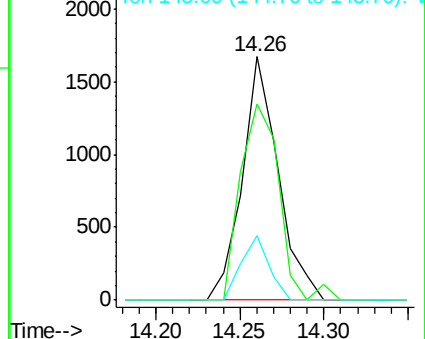
145 26.3 17.4 52.2

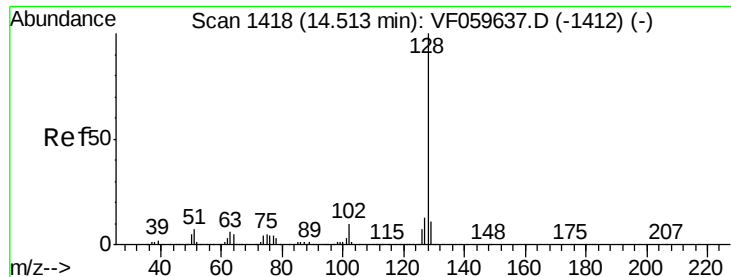


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

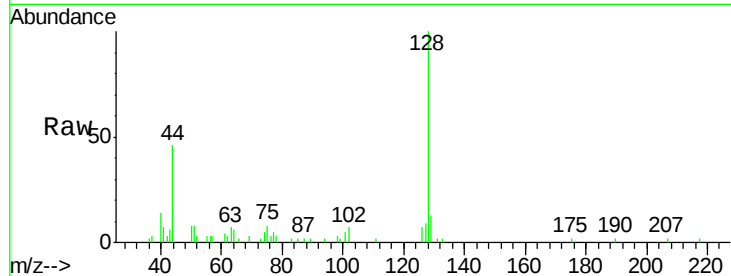




#95
 Naphthalene
 Concen: 1.510 ug/l
 RT: 14.52 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: VF059645.D
 Acq: 24 Jul 2018 22:08

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	9.4	10.1	15.1#
129	13.4	9.1	13.7



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

