

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080318\
 Data File : VF059843.D
 Acq On : 3 Aug 2018 17:17
 Operator : VA/AP
 Sample : J4234-01RE
 Misc : 5.04g/5mL/MSVOA F/SOIL
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-STONE-CONCRETE

Quant Time: Aug 04 03:15:42 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	274186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	433098	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	388235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	222190	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	178361	36.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.40%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	7.70	98	344804	32.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.74%	
62) 4-Bromofluorobenzene	11.51	95	182416	31.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.82%	

Target Compounds			Qvalue				
2) Dichlorodifluoromethane	0.99	85	371	Below Cal	#	44	
3) Chloromethane	1.15	50	296	Below Cal		97	
4) Vinyl Chloride	1.18	62	225	Below Cal	#	47	
5) Bromomethane	1.35	94	702	Below Cal	#	4	
6) Chloroethane	1.41	64	299	Below Cal	#	1	
10) Methyl Iodide	1.95	142	61	Below Cal	#	20	
11) Tert butyl alcohol	2.66	59	260	Below Cal	#	1	
13) Acrolein	2.24	56	332	19.05	ug/l	85	
15) Acrylonitrile	3.09	53	646	2.09	ug/l	#	7
16) Acetone	2.34	43	13669	15.42	ug/l	98	
17) Carbon Disulfide	1.89	76	149	Below Cal	#	1	
18) Methyl Acetate	2.48	43	1694	Below Cal	#	64	
20) Methylene Chloride	2.27	84	2941	Below Cal	#	59	
21) trans-1,2-Dichloroethene	2.42	96	312	Below Cal	#	1	
25) 2-Butanone	4.51	43	1039	1.05	ug/l	#	74
29) Tetrahydrofuran	4.26	42	448	1.18	ug/l	#	56
31) Cyclohexane	3.83	56	150	Below Cal	#	15	
36) 1,1-Dichloropropene	4.47	75	371	Below Cal	#	50	
37) Ethyl Acetate	4.32	43	82	Below Cal	#	19	
39) Methylcyclohexane	5.76	83	5406	Below Cal	#	42	
41) Methacrylonitrile	4.86	41	439	Below Cal	#	44	
44) Trichloroethene	5.67	130	73	Below Cal		2	
49) 1,4-Dioxane	7.00	88	70	Below Cal	#	21	
52) Toluene	7.77	92	691	Below Cal	#	22	
68) m/p-Xylenes	10.26	106	386	Below Cal		73	
78) n-propylbenzene	11.68	91	1512	Below Cal		99	
79) 2-Chlorotoluene	11.81	91	1485	Below Cal	#	44	
80) 1,3,5-Trimethylbenzene	11.92	105	646	Below Cal		99	
82) 4-Chlorotoluene	12.00	91	662	Below Cal	#	44	
84) 1,2,4-Trimethylbenzene	12.28	105	1913	Below Cal		98	
85) sec-Butylbenzene	12.38	105	1126	Below Cal	#	57	
86) p-Isopropyltoluene	12.53	119	2078	Below Cal	#	30	
87) 1,3-Dichlorobenzene	12.55	146	664	Below Cal	#	46	
88) 1,4-Dichlorobenzene	12.64	146	979	Below Cal	#	1	

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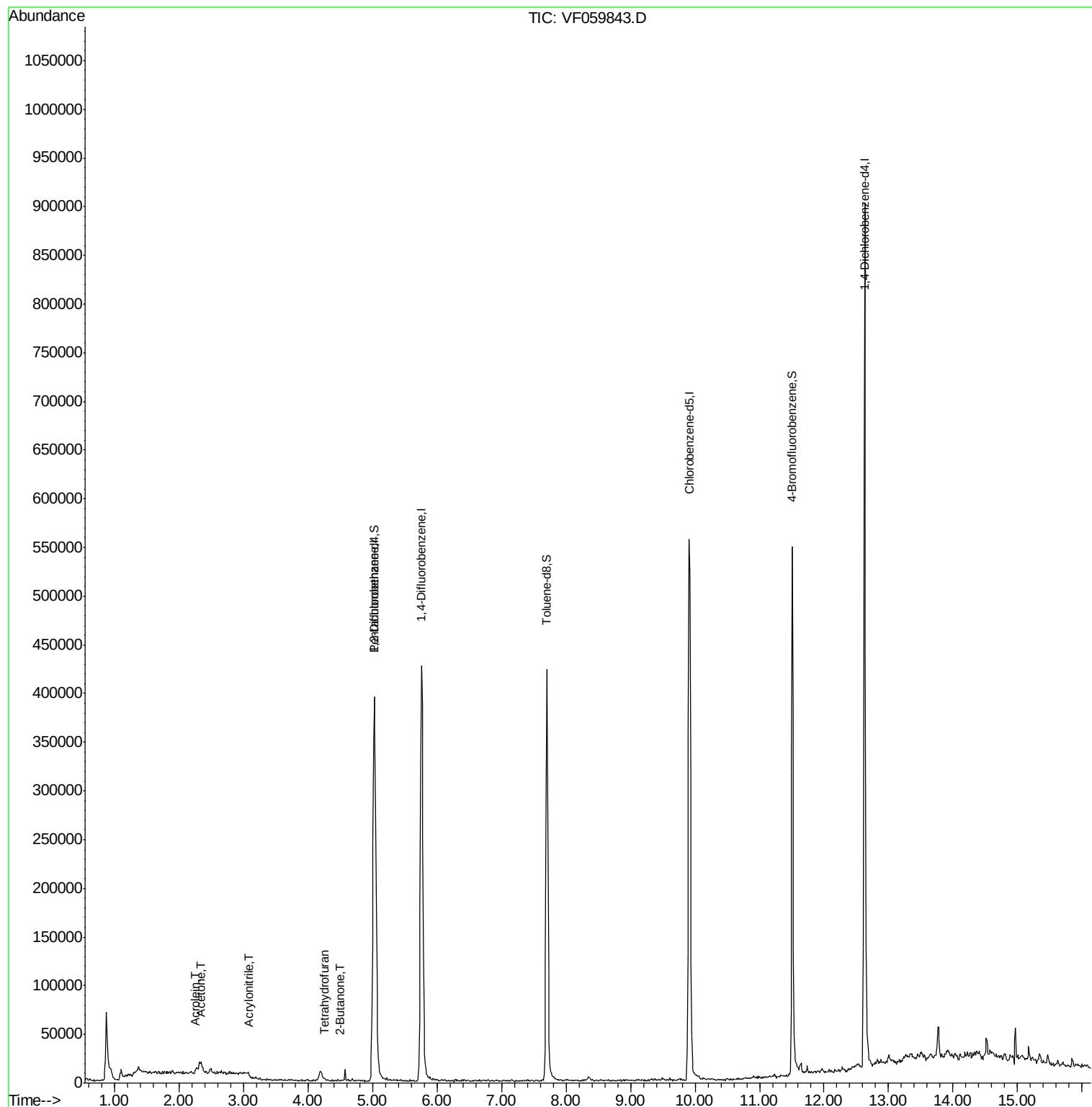
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.92	91	1184	Below Cal		77
91) 1,2-Dichlorobenzene	13.00	146	311	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.27	180	677	Below Cal	#	71

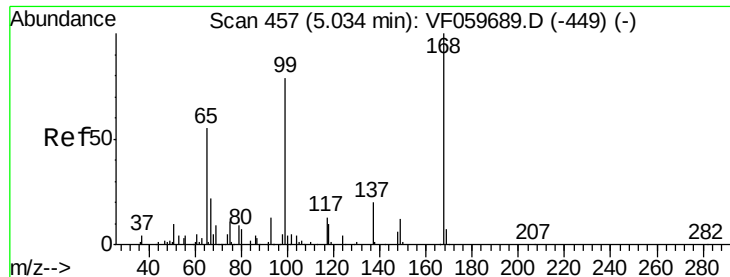
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059843.D

Acq: 3 Aug 2018 17:17

Instrument :

MSVOA_F

ClientSampleId :

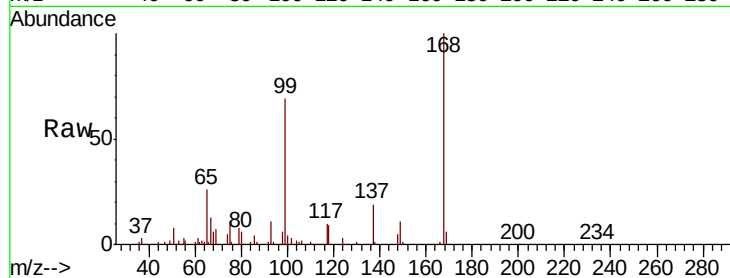
OILY-STONE-CONCRETE

Tot Ion:168 Resp: 274186

Ion Ratio Lower Upper

168 100

99 69.1 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

100000

80000

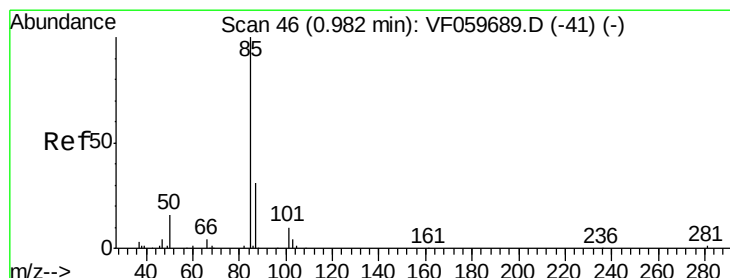
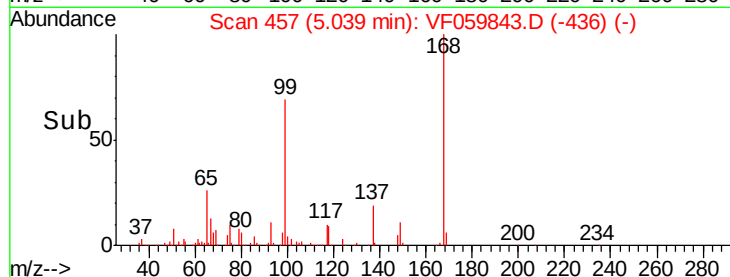
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 0.99 min Scan# 46

Delta R.T. 0.01 min

Lab File: VF059843.D

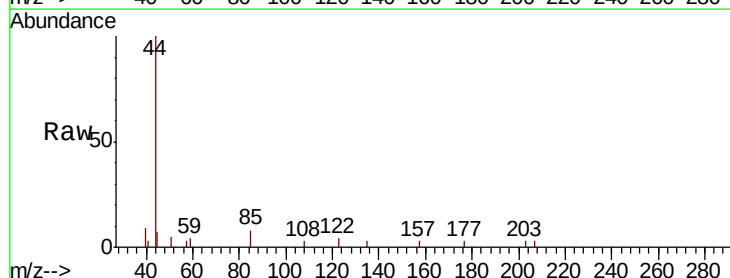
Acq: 3 Aug 2018 17:17

Tgt Ion: 85 Resp: 371

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

0.99

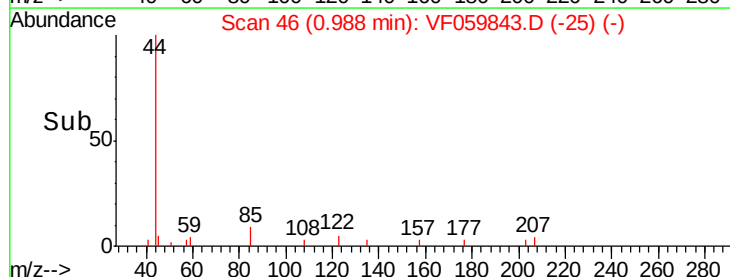
300

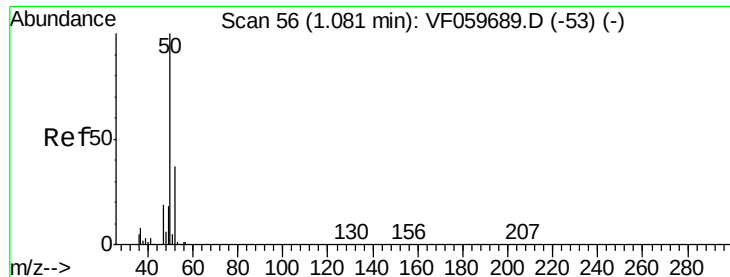
200

100

0

Time-->





#3

Chloromethane

Concen: Below Cal

RT: 1.15 min Scan# 62

Delta R.T. 0.07 min

Lab File: VF059843.D

Acq: 3 Aug 2018 17:17

Instrument :

MSVOA_F

ClientSampleId :

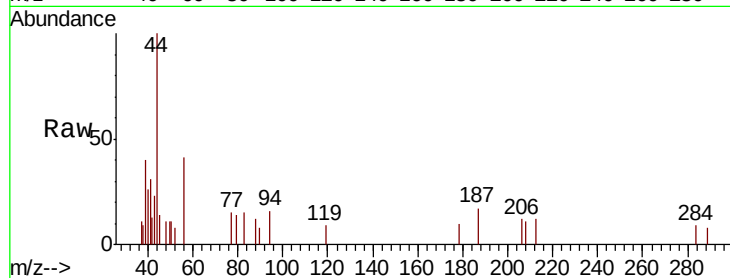
OILY-STONE-CONCRETE

Tot Ion: 50 Resp: 296

Ion Ratio Lower Upper

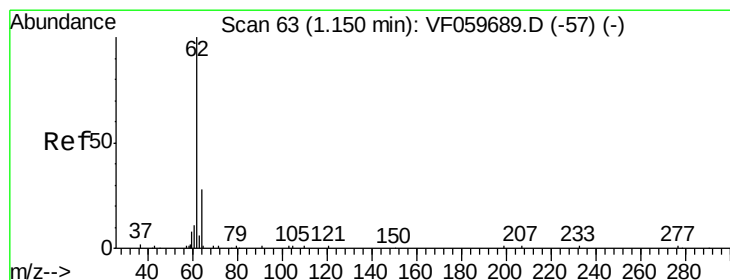
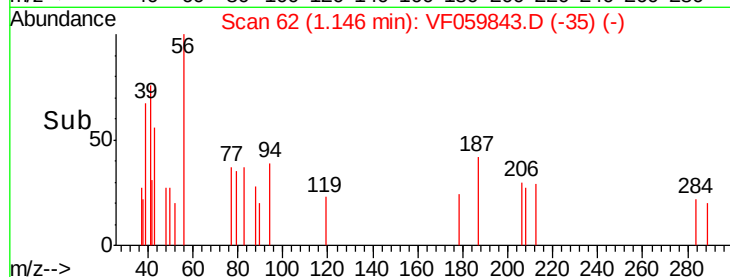
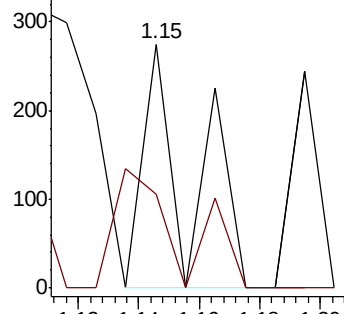
50 100

52 38.2 29.1 43.7



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#4

Vinyl Chloride

Concen: Below Cal

RT: 1.18 min Scan# 66

Delta R.T. 0.04 min

Lab File: VF059843.D

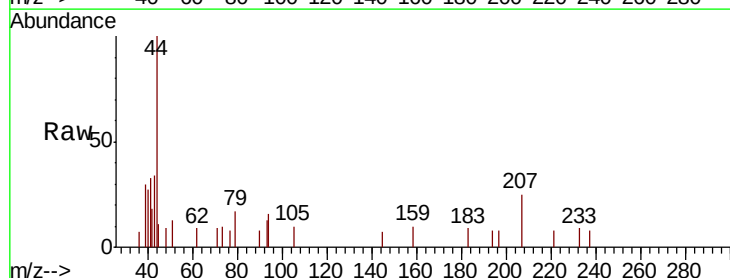
Acq: 3 Aug 2018 17:17

Tgt Ion: 62 Resp: 225

Ion Ratio Lower Upper

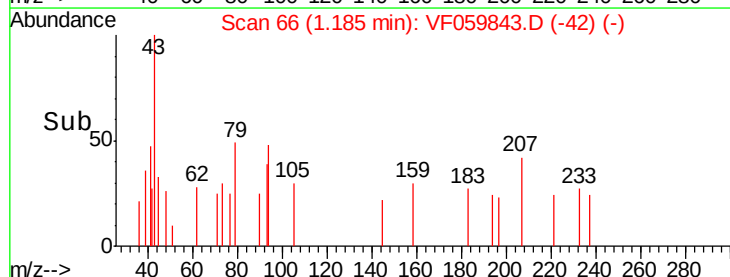
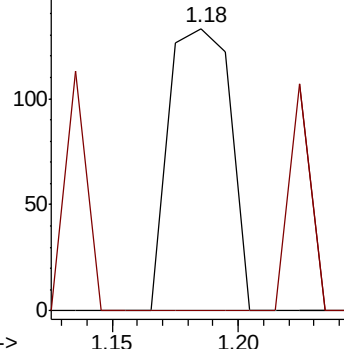
62 100

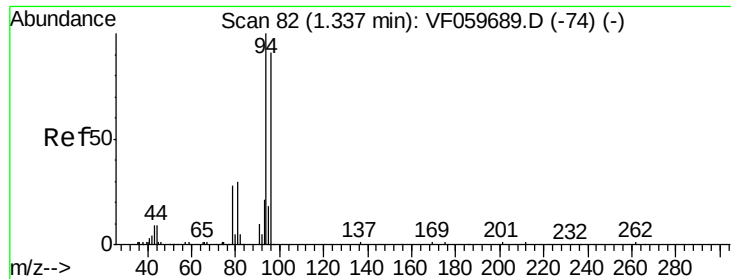
64 0.0 22.6 33.8#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0





#5

Bromomethane

Concen: Below Cal

RT: 1.35 min Scan# 83

Delta R.T. 0.02 min

Lab File: VF059843.D

Acq: 3 Aug 2018 17:17

Instrument :

MSVOA_F

ClientSampleId :

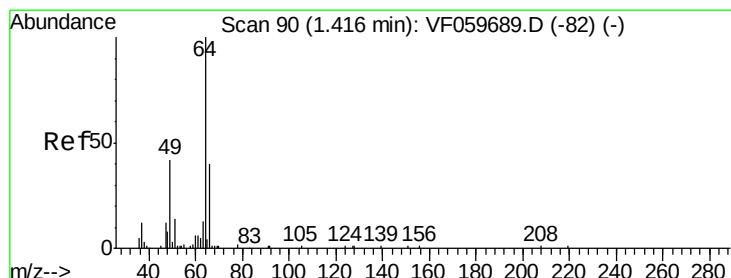
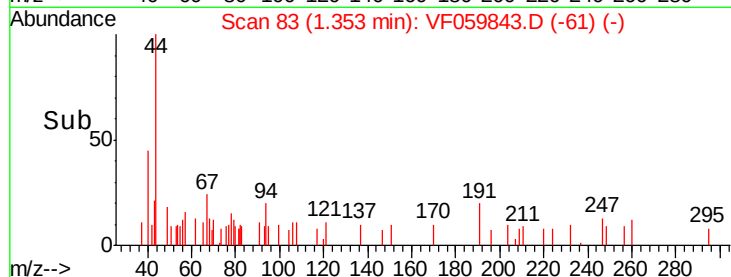
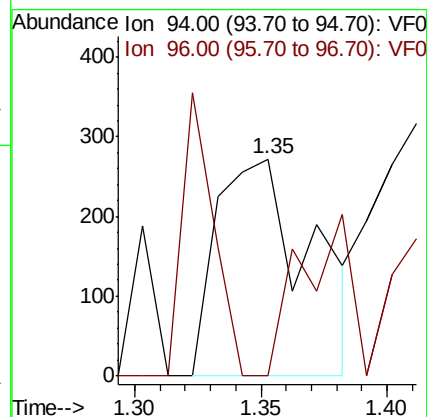
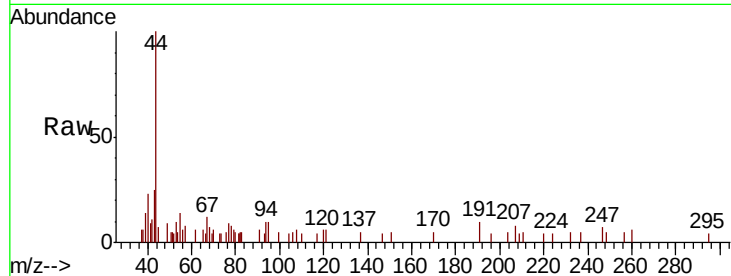
OILY-STONE-CONCRETE

Tot Ion: 94 Resp: 702

Ion Ratio Lower Upper

94 100

96 0.0 73.6 110.4#



#6

Chloroethane

Concen: Below Cal

RT: 1.41 min Scan# 89

Delta R.T. -0.00 min

Lab File: VF059843.D

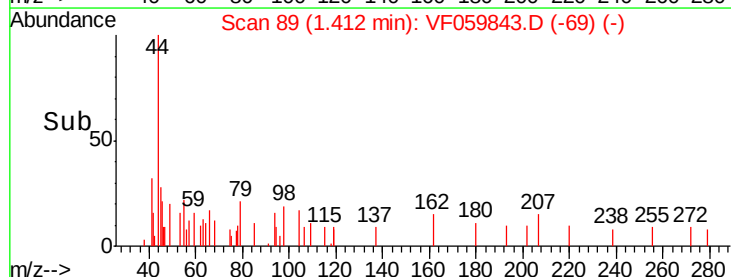
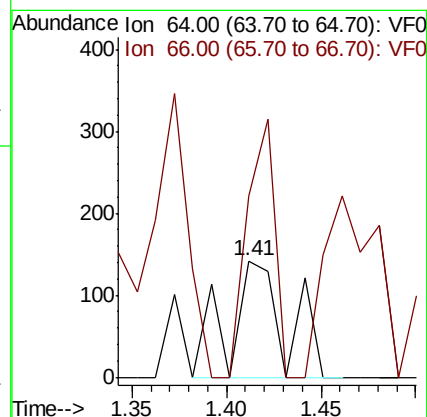
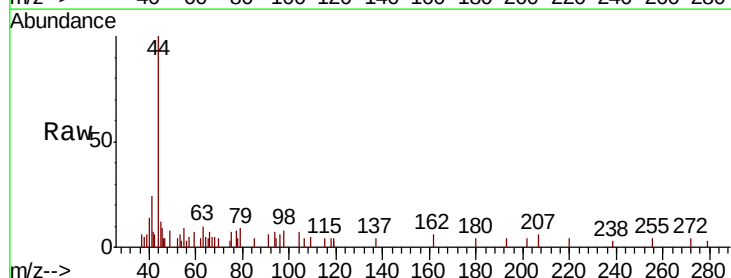
Acq: 3 Aug 2018 17:17

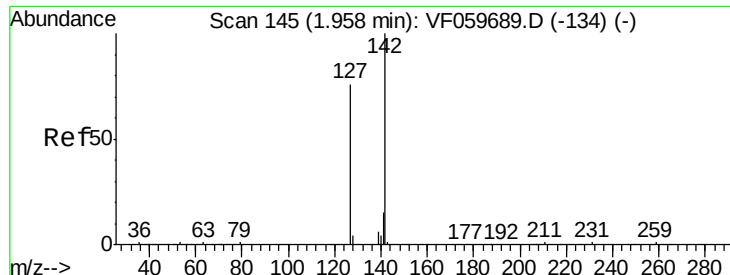
Tgt Ion: 64 Resp: 299

Ion Ratio Lower Upper

64 100

66 155.6 32.6 49.0#

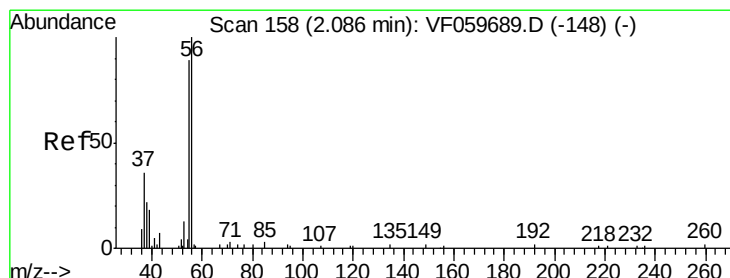
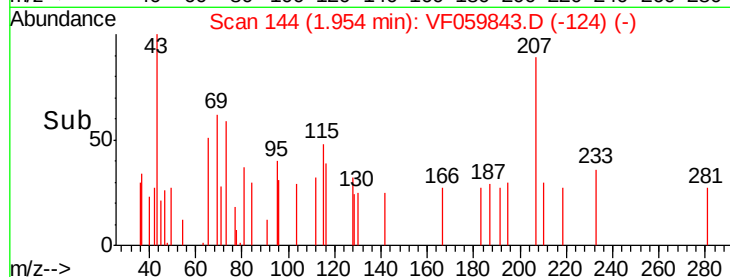
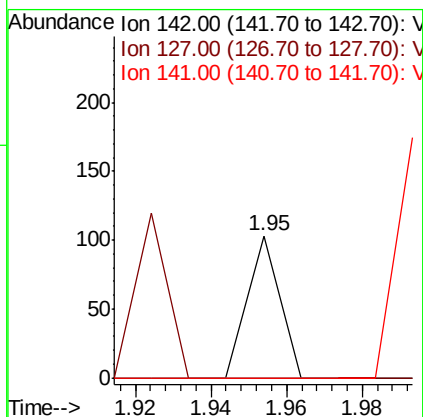
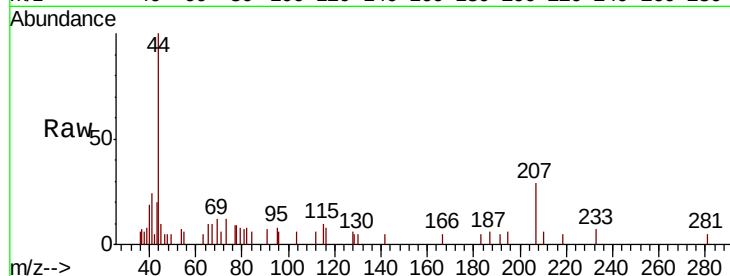




#10
Methyl Iodide
Concen: Below Cal
RT: 1.95 min Scan# 144
Delta R.T. -0.00 min
Lab File: VF059843.D
Acq: 3 Aug 2018 17:17

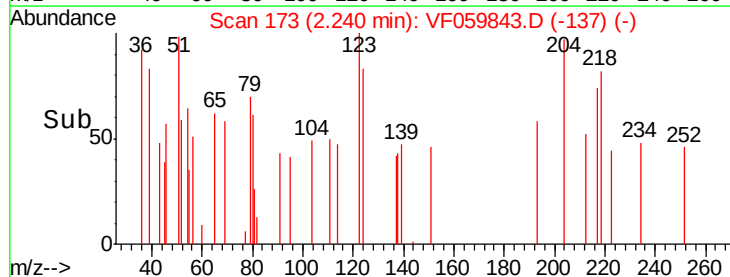
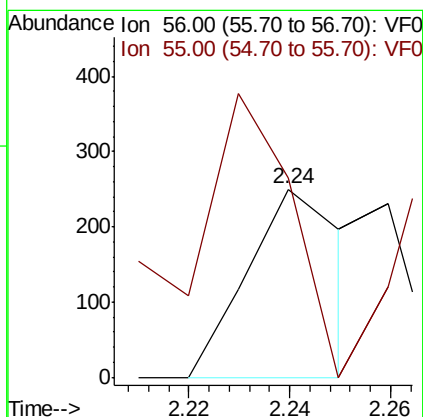
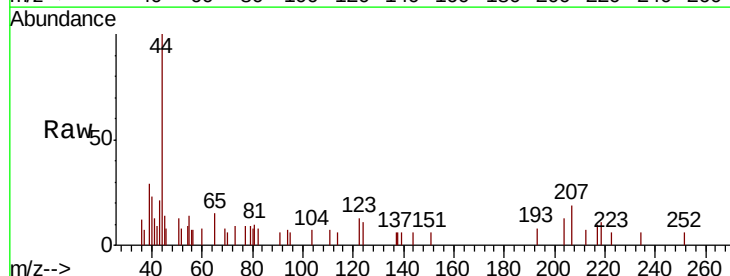
Instrument :
MSVOA_F
ClientSampleId :
OILY-STONE-CONCRETE

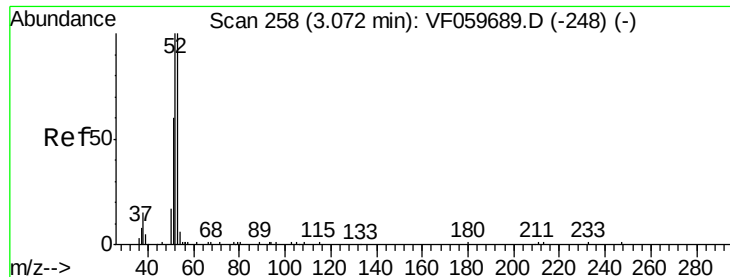
Tot Ion:142 Resp: 61
Ion Ratio Lower Upper
142 100
127 0.0 60.6 91.0#
141 0.0 12.0 18.0#



#13
Acrolein
Concen: 19.05 ug/l
RT: 2.24 min Scan# 173
Delta R.T. 0.15 min
Lab File: VF059843.D
Acq: 3 Aug 2018 17:17

Tgt Ion: 56 Resp: 332
Ion Ratio Lower Upper
56 100
55 106.0 73.2 109.8





#15

Acrylonitrile

Concen: 2.09 ug/l

RT: 3.09 min Scan# 259

Delta R.T. 0.02 min

Lab File: VF059843.D

Acq: 3 Aug 2018 17:17

Instrument :

MSVOA_F

ClientSampleId :

OILY-STONE-CONCRETE

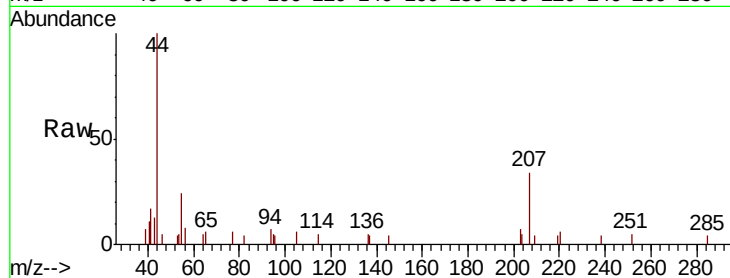
Tot Ion: 53 Resp: 646

Ion Ratio Lower Upper

53 100

52 0.0 80.3 120.5#

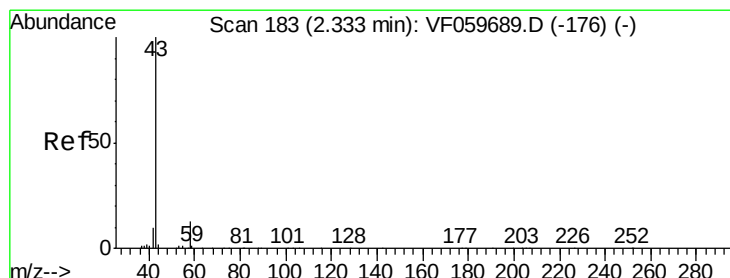
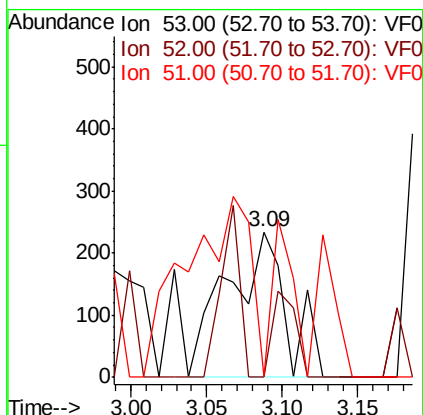
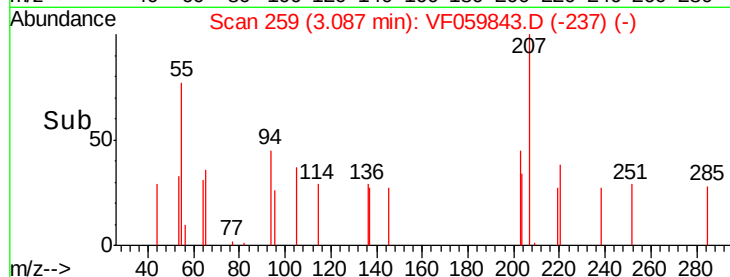
51 0.0 49.4 74.0#



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 15.42 ug/l

RT: 2.34 min Scan# 183

Delta R.T. 0.01 min

Lab File: VF059843.D

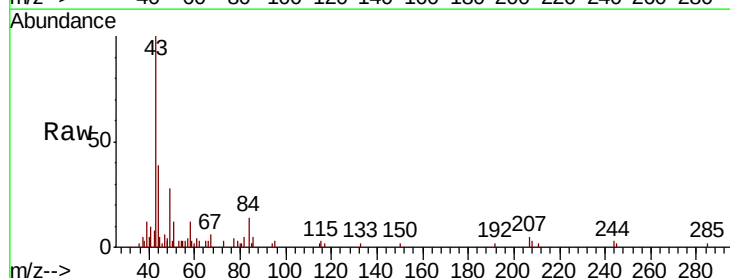
Acq: 3 Aug 2018 17:17

Tgt Ion: 43 Resp: 13669

Ion Ratio Lower Upper

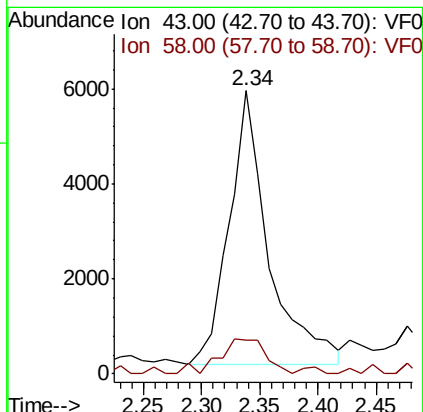
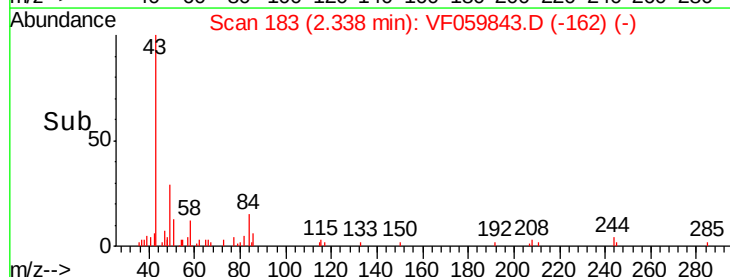
43 100

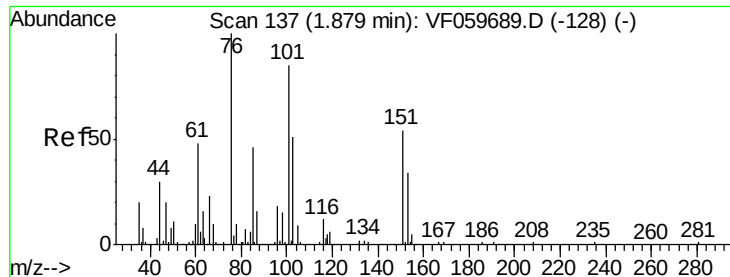
58 11.8 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#17

Carbon Disulfide

Concen: Below Cal

RT: 1.89 min Scan# 138

Delta R.T. 0.02 min

Lab File: VF059843.D

Acq: 3 Aug 2018 17:17

Instrument :

MSVOA_F

ClientSampleId :

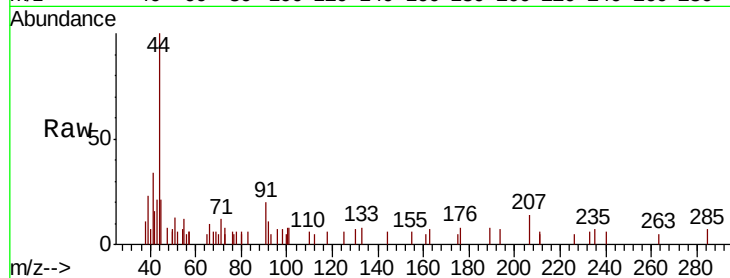
OILY-STONE-CONCRETE

Tot Ion: 76 Resp: 149

Ion Ratio Lower Upper

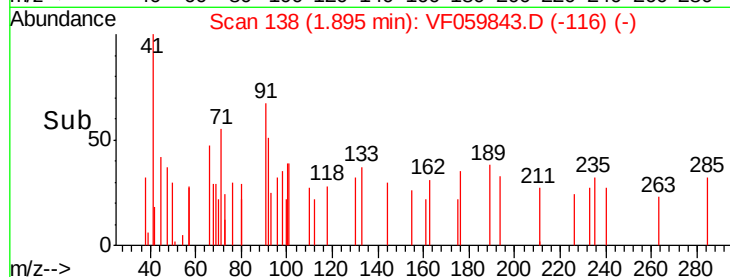
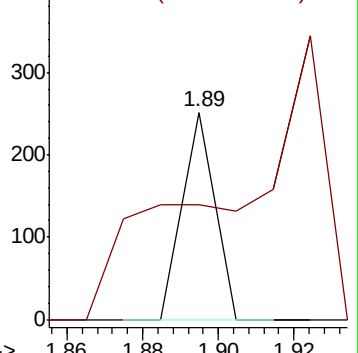
76 100

78 55.2 8.9 13.3#

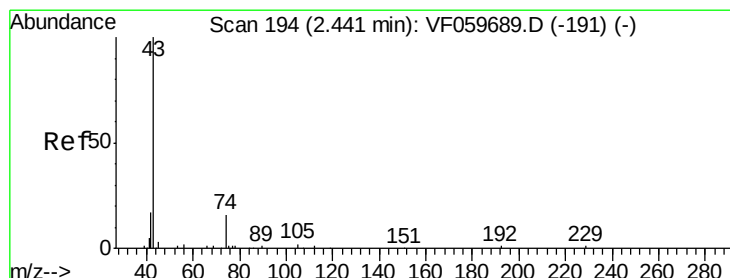


Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 2.48 min Scan# 197

Delta R.T. 0.04 min

Lab File: VF059843.D

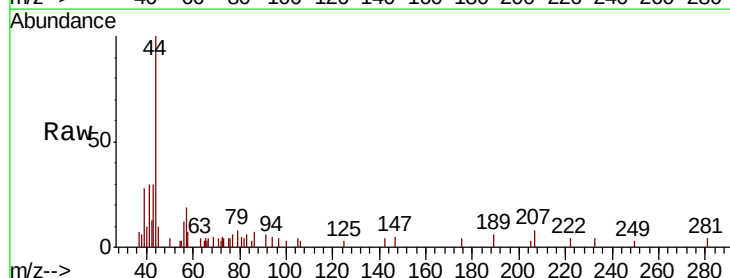
Acq: 3 Aug 2018 17:17

Tgt Ion: 43 Resp: 1694

Ion Ratio Lower Upper

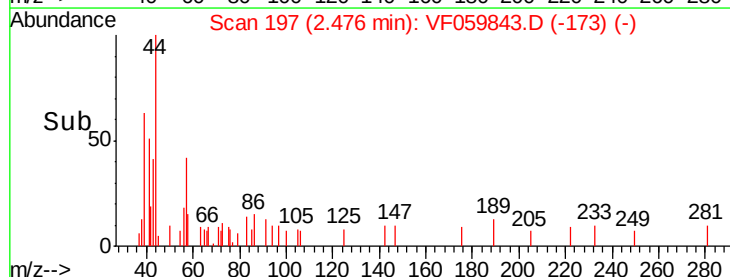
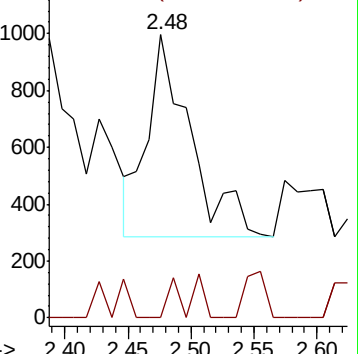
43 100

74 0.0 11.8 17.6#

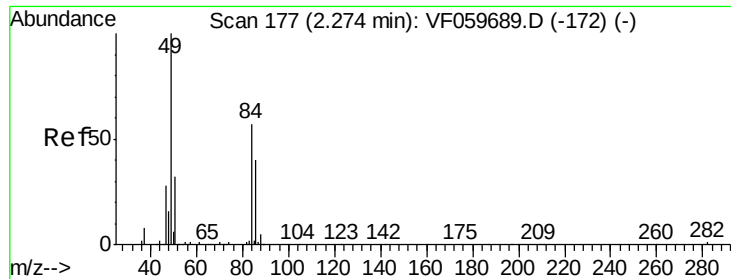


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0



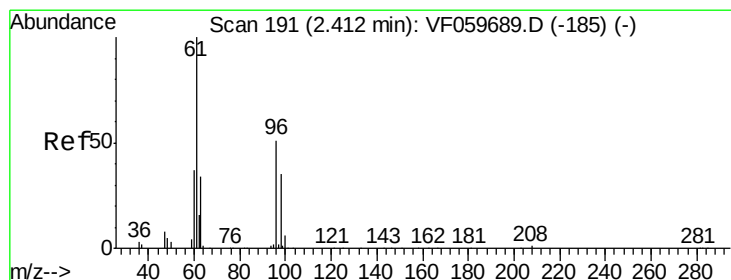
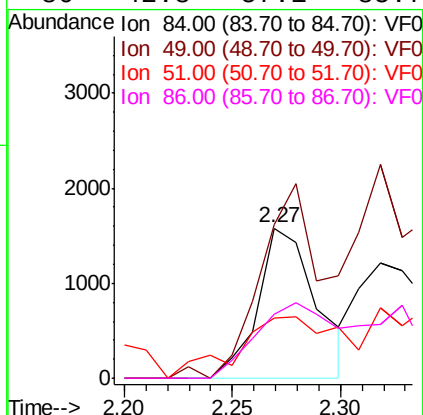
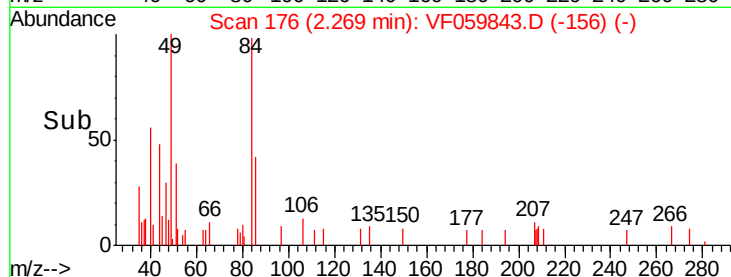
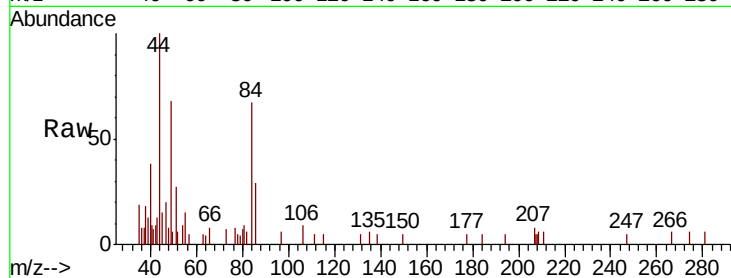
Time-->



#20
Methylene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 176
Delta R.T. -0.00 min
Lab File: VF059843.D
Acq: 3 Aug 2018 17:17

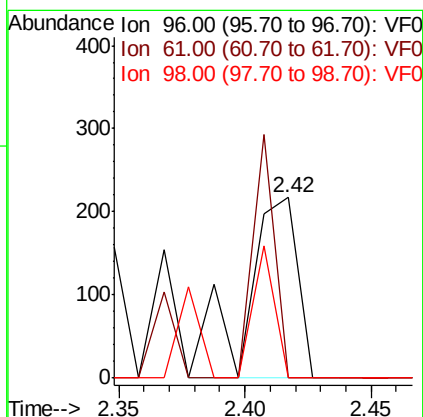
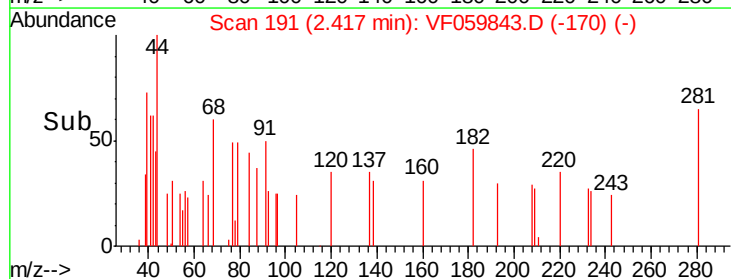
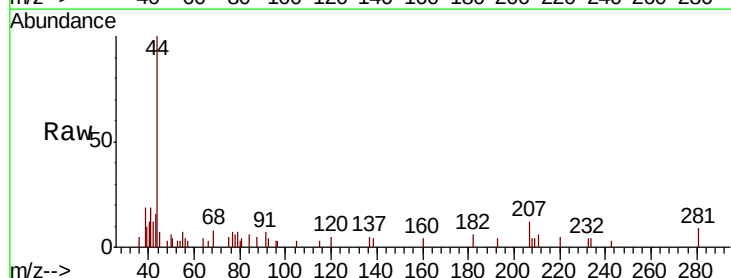
Instrument :
MSVOA_F
ClientSampleId :
OILY-STONE-CONCRETE

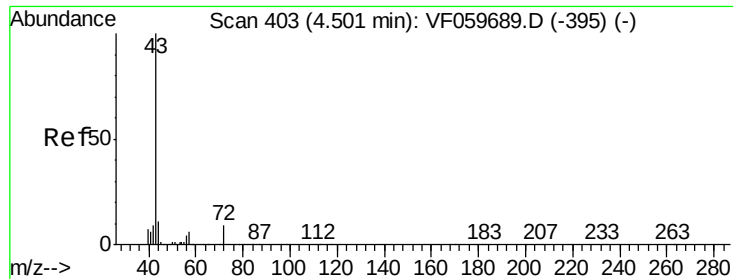
Tot Ion: 84 Resp: 2941
Ion Ratio Lower Upper
84 100
49 102.4 142.2 213.4#
51 48.5 46.2 69.2
86 42.8 57.1 85.7#



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 2.42 min Scan# 191
Delta R.T. 0.01 min
Lab File: VF059843.D
Acq: 3 Aug 2018 17:17

Tgt Ion: 96 Resp: 312
Ion Ratio Lower Upper
96 100
61 0.0 157.4 236.0#
98 0.0 55.0 82.4#





#25

2-Butanone

Concen: 1.05 ug/l

RT: 4.51 min Scan# 403

Delta R.T. 0.01 min

Lab File: VF059843.D

Acq: 3 Aug 2018 17:17

Instrument :

MSVOA_F

ClientSampleId :

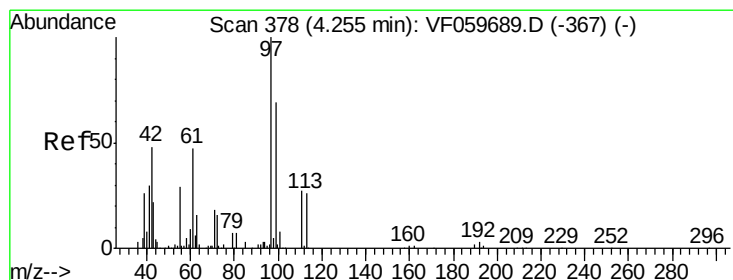
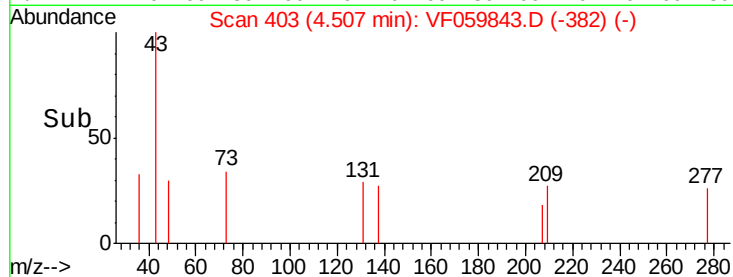
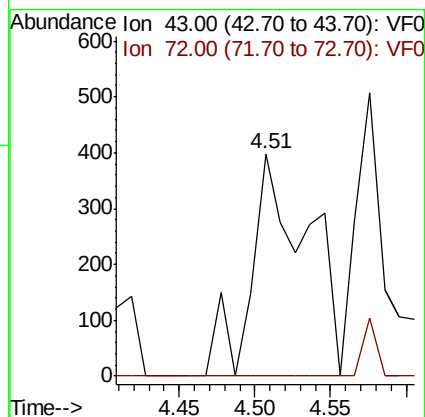
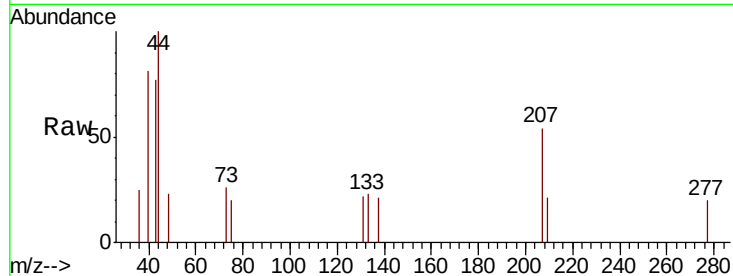
OILY-STONE-CONCRETE

Tot Ion: 43 Resp: 1039

Ion Ratio Lower Upper

43 100

72 0.0 7.7 11.5#



#29

Tetrahydrofuran

Concen: 1.18 ug/l

RT: 4.26 min Scan# 378

Delta R.T. 0.01 min

Lab File: VF059843.D

Acq: 3 Aug 2018 17:17

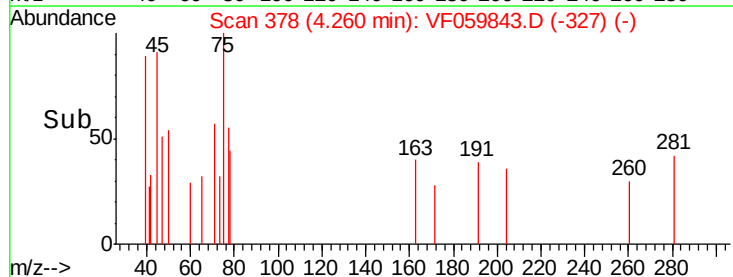
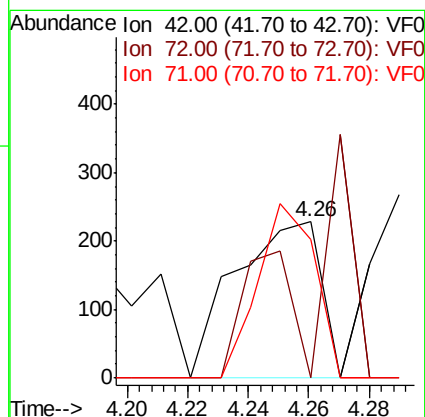
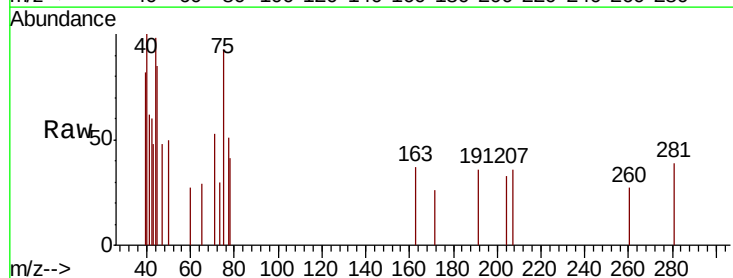
Tgt Ion: 42 Resp: 448

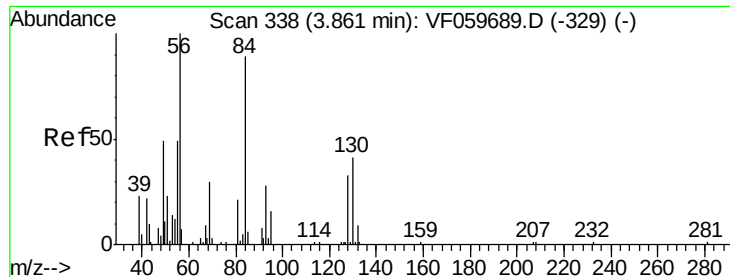
Ion Ratio Lower Upper

42 100

72 47.1 27.0 40.6#

71 74.1 29.7 44.5#

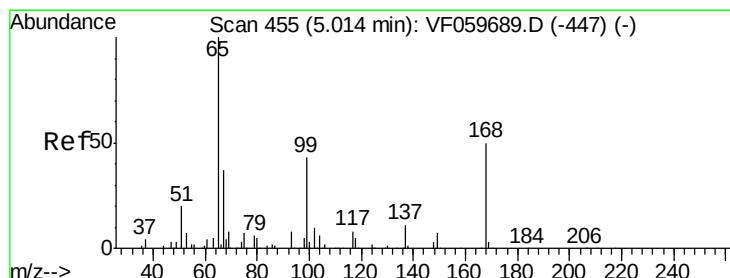
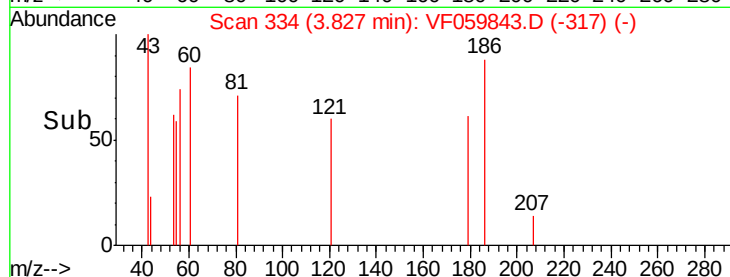
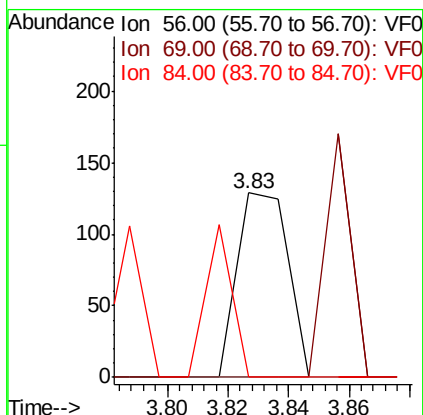
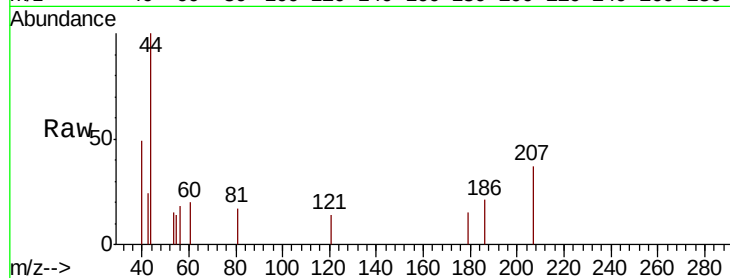




#31
Cyclohexane
Concen: Below Cal
RT: 3.83 min Scan# 334
Delta R.T. -0.03 min
Lab File: VF059843.D
Acq: 3 Aug 2018 17:17

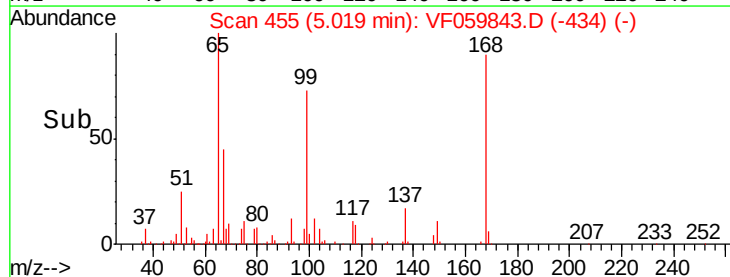
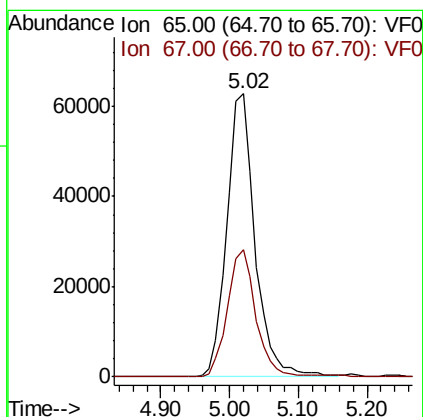
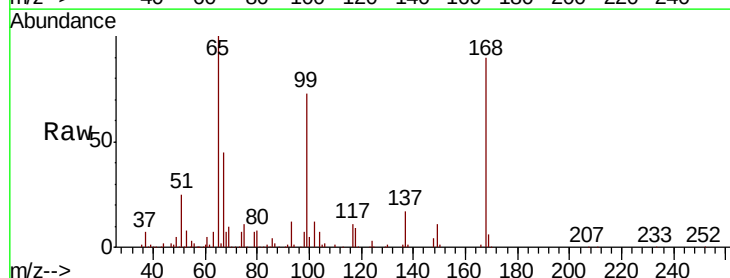
Instrument :
MSVOA_F
ClientSampleId :
OILY-STONE-CONCRETE

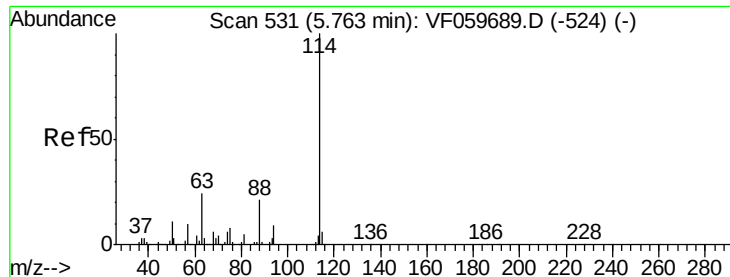
Tot Ion: 56 Resp: 150
Ion Ratio Lower Upper
56 100
69 0.0 23.7 35.5#
84 0.0 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 36.20 ug/l
RT: 5.02 min Scan# 455
Delta R.T. 0.01 min
Lab File: VF059843.D
Acq: 3 Aug 2018 17:17

Tgt Ion: 65 Resp: 178361
Ion Ratio Lower Upper
65 100
67 44.9 0.0 84.6

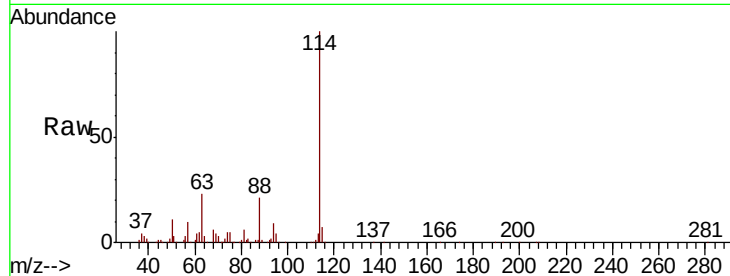




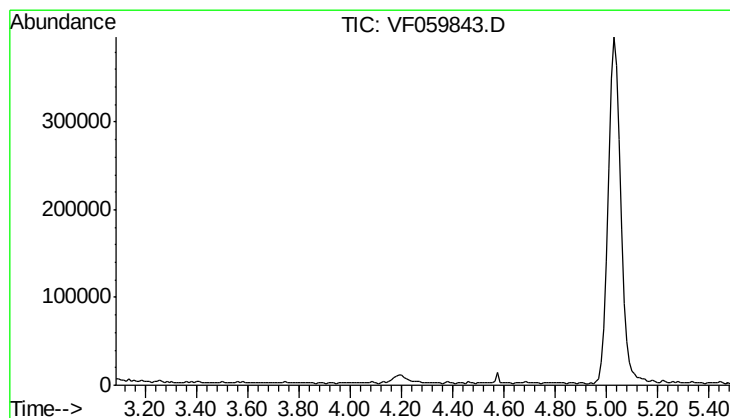
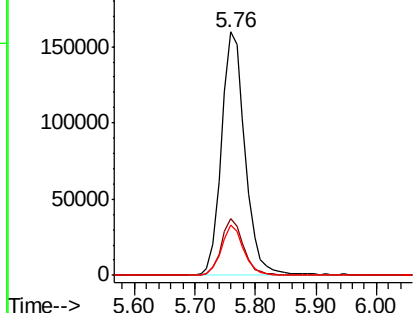
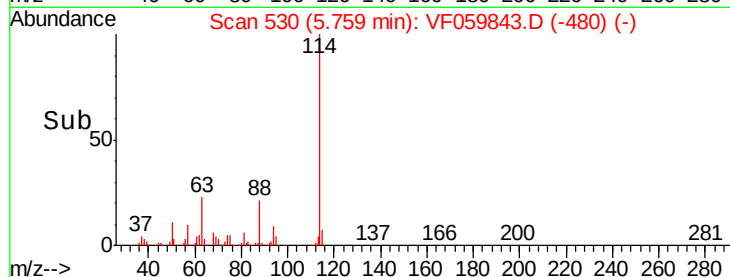
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VF059843.D
 Acq: 3 Aug 2018 17:17

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-STONE-CONCRETE

Tot Ion:114 Resp: 433098
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.4
 88 20.7 0.0 41.2



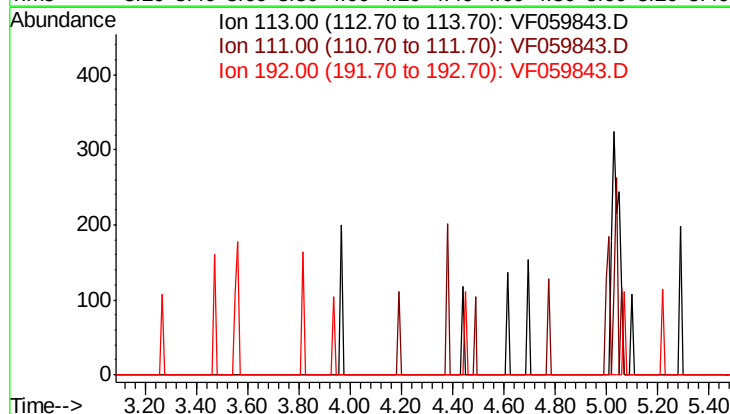
Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

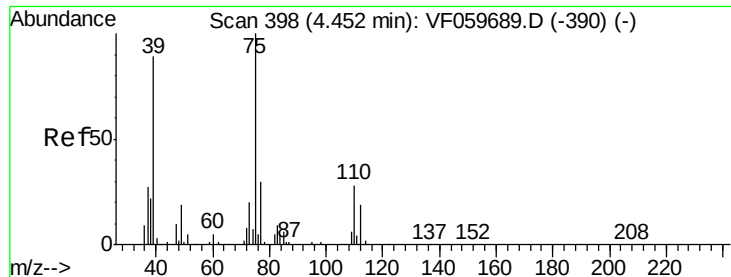


#35
 Dibromofluoromethane
 Concen: 0.00 ug/l
 Expected RT: 4.28 min

Lab File: VF059843.D
 Acq: 3 Aug 2018 17:17

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 98.7
 192 16.5

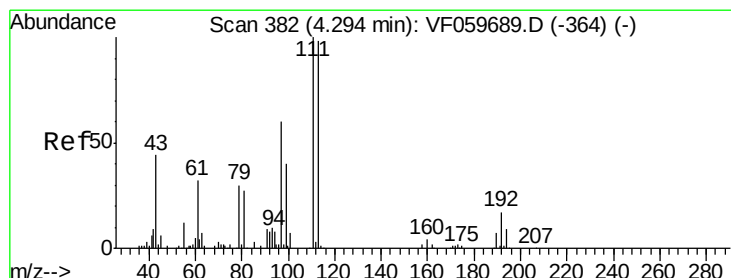
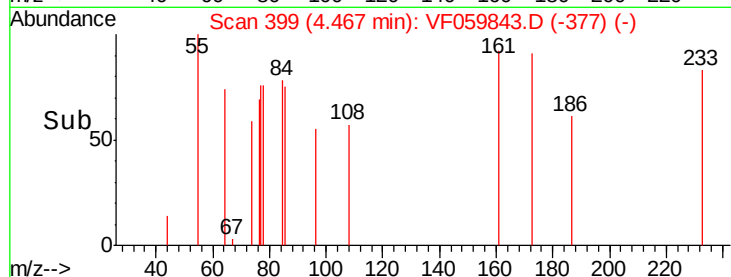
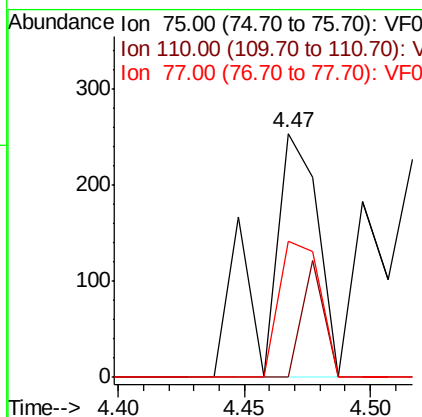
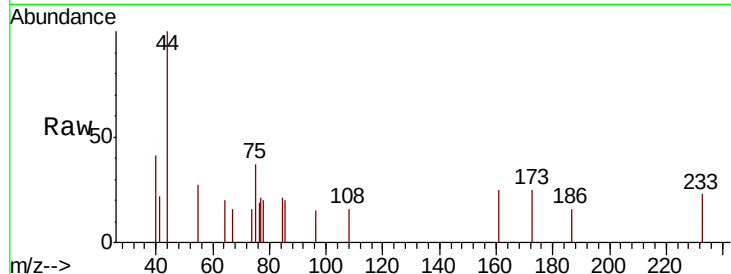




#36
 1,1-Dichloropropene
 Concen: Below Cal
 RT: 4.47 min Scan# 399
 Delta R.T. 0.02 min
 Lab File: VF059843.D
 Acq: 3 Aug 2018 17:17

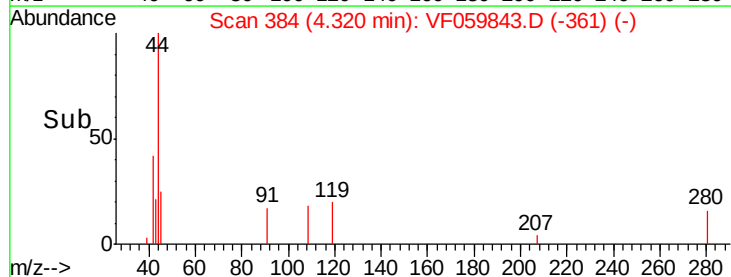
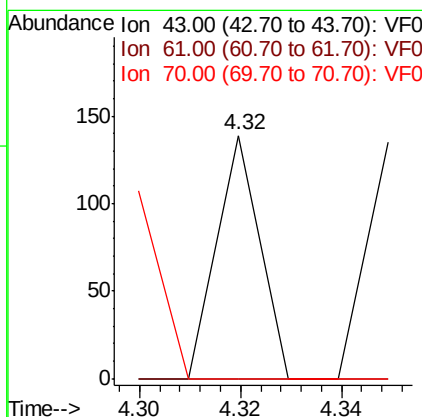
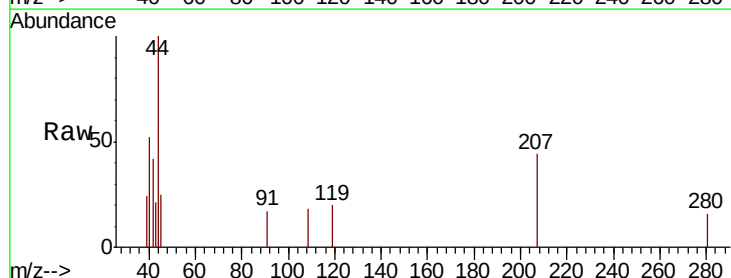
Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-STONE-CONCRETE

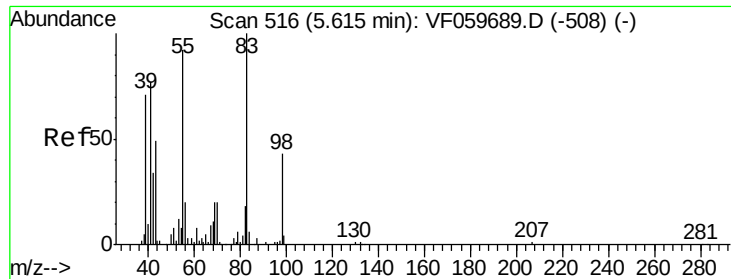
Tot Ion: 75 Resp: 371
 Ion Ratio Lower Upper
 75 100
 110 0.0 14.0 41.9#
 77 55.7 24.2 36.2#



#37
 Ethyl Acetate
 Concen: Below Cal
 RT: 4.32 min Scan# 384
 Delta R.T. 0.03 min
 Lab File: VF059843.D
 Acq: 3 Aug 2018 17:17

Tgt Ion: 43 Resp: 82
 Ion Ratio Lower Upper
 43 100
 61 0.0 58.2 87.2#
 70 0.0 6.0 9.0#

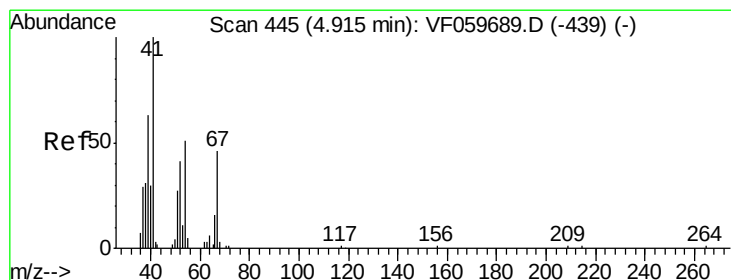
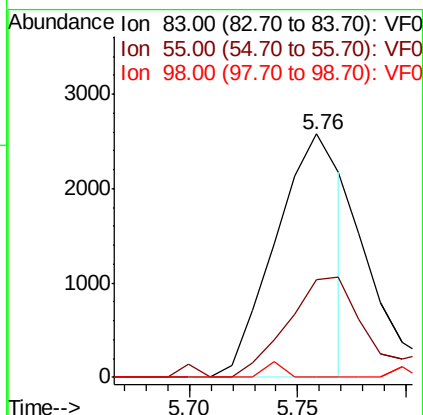
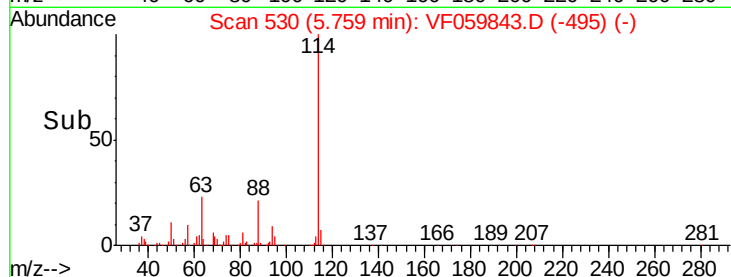
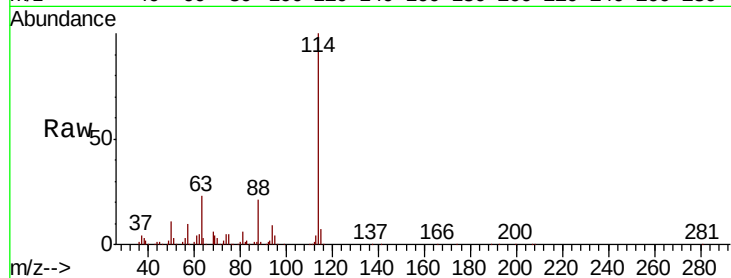




#39
Methylcyclohexane
Concen: Below Cal
RT: 5.76 min Scan# 530
Delta R.T. 0.14 min
Lab File: VF059843.D
Acq: 3 Aug 2018 17:17

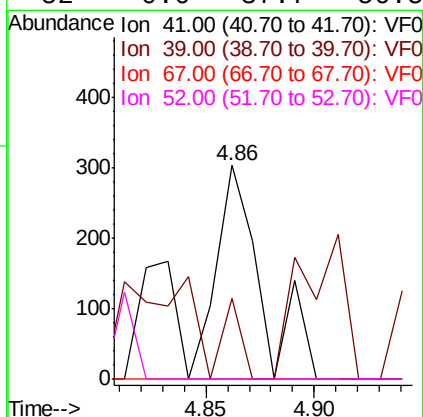
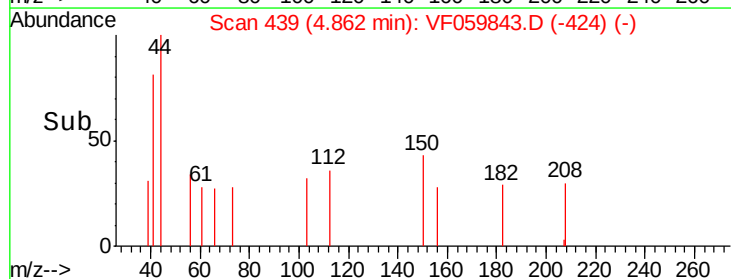
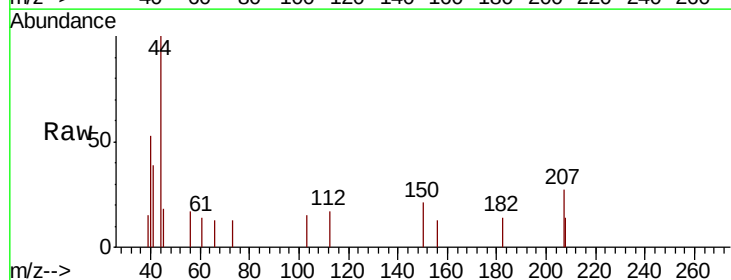
Instrument :
MSVOA_F
ClientSampleId :
OILY-STONE-CONCRETE

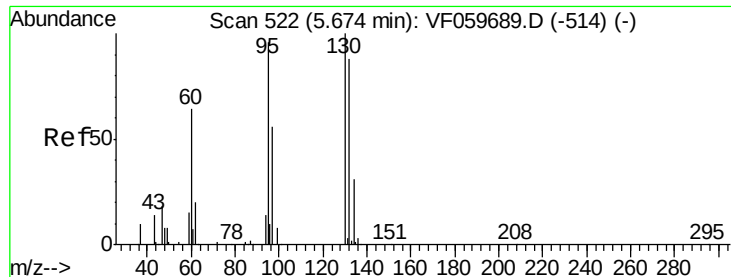
Tot Ion: 83 Resp: 5406
Ion Ratio Lower Upper
83 100
55 40.1 73.4 110.2#
98 0.0 34.2 51.4#



#41
Methacrylonitrile
Concen: Below Cal
RT: 4.86 min Scan# 439
Delta R.T. -0.05 min
Lab File: VF059843.D
Acq: 3 Aug 2018 17:17

Tgt Ion: 41 Resp: 439
Ion Ratio Lower Upper
41 100
39 38.0 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. -0.00 min

Lab File: VF059843.D

Acq: 3 Aug 2018 17:17

Instrument :

MSVOA_F

ClientSampleId :

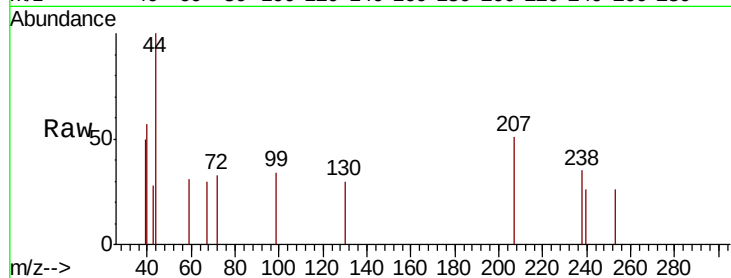
OILY-STONE-CONCRETE

Tot Ion:130 Resp: 73

Ion Ratio Lower Upper

130 100

95 0.0 0.0 191.0



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0

150

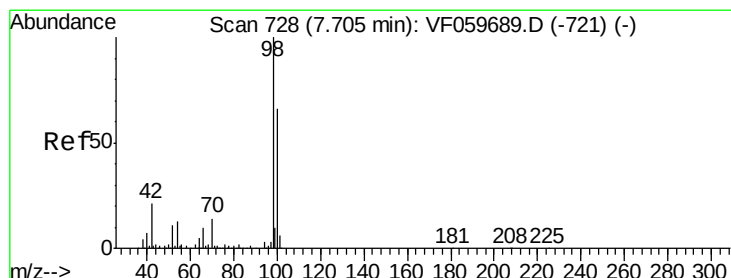
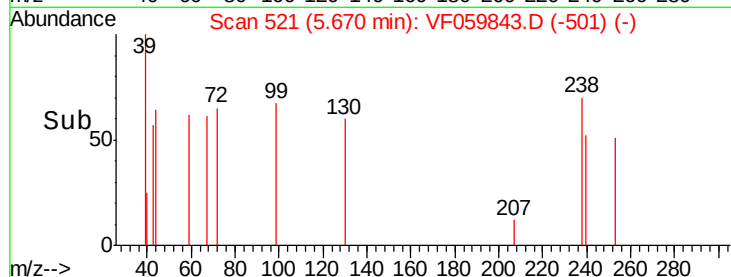
100

50

0

5.64 5.66 5.68 5.70

Time-->



#50

Toluene-d8

Concen: 32.87 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.00 min

Lab File: VF059843.D

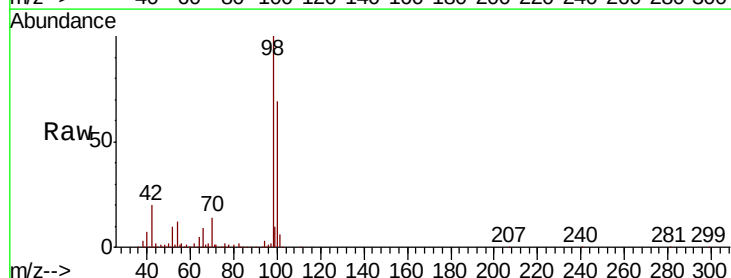
Acq: 3 Aug 2018 17:17

Tgt Ion: 98 Resp: 344804

Ion Ratio Lower Upper

98 100

100 68.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

150000

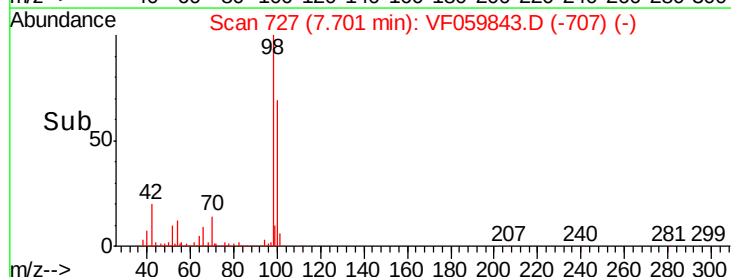
100000

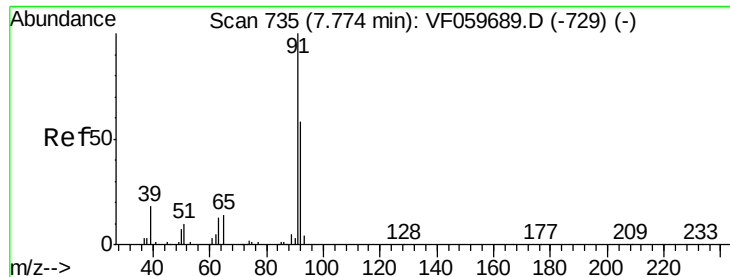
50000

0

7.60 7.70 7.80 7.90

Time-->





#52

Toluene

Concen: Below Cal

RT: 7.77 min Scan# 734

Delta R.T. -0.00 min

Lab File: VF059843.D

Acq: 3 Aug 2018 17:17

Instrument :

MSVOA_F

ClientSampleId :

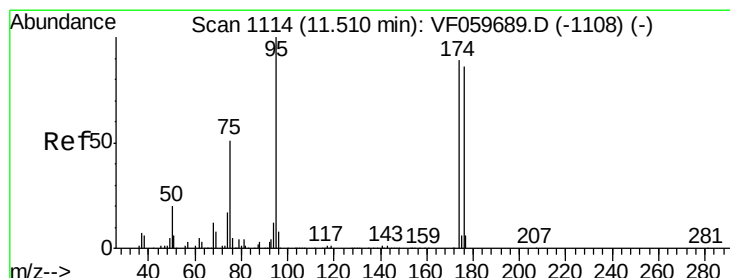
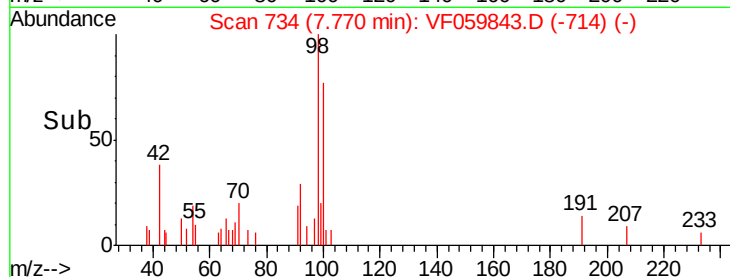
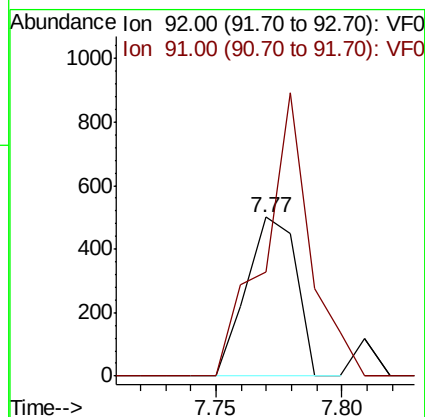
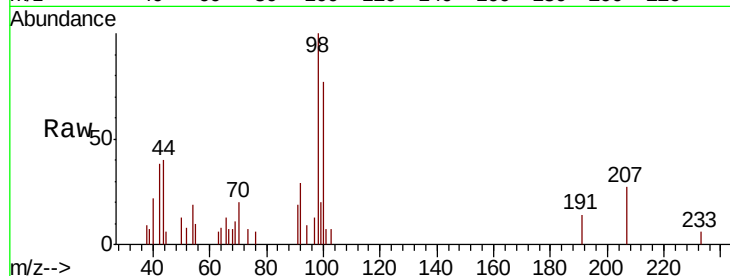
OILY-STONE-CONCRETE

Tot Ion: 92 Resp: 691

Ion Ratio Lower Upper

92 100

91 65.3 139.0 208.4#



#62

4-Bromofluorobenzene

Concen: 31.41 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059843.D

Acq: 3 Aug 2018 17:17

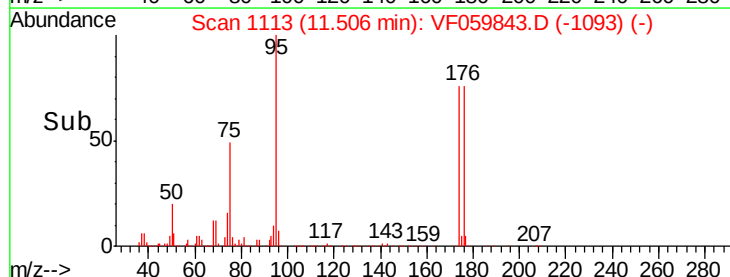
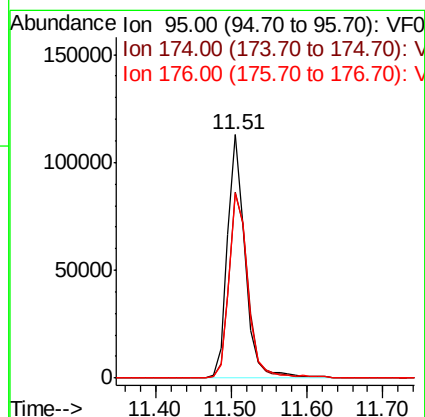
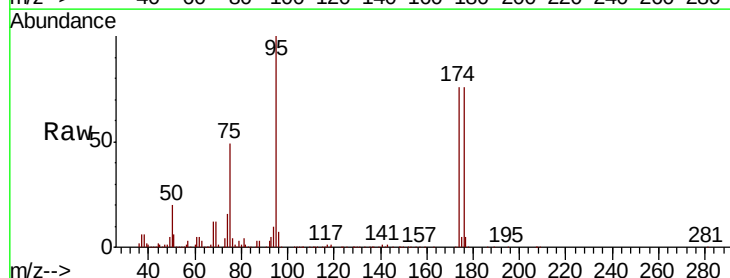
Tgt Ion: 95 Resp: 182416

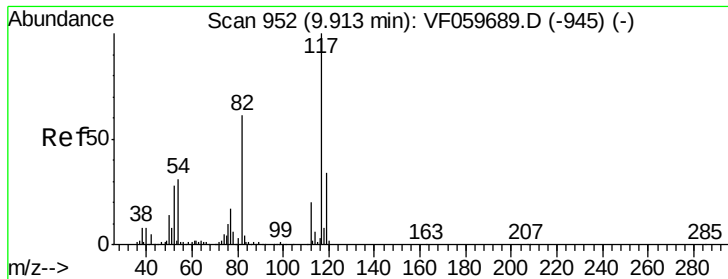
Ion Ratio Lower Upper

95 100

174 76.2 0.0 178.4

176 75.8 0.0 173.0

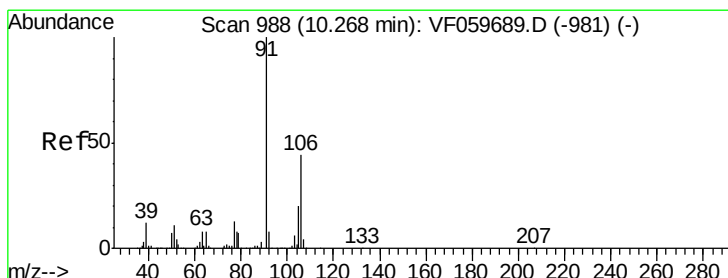
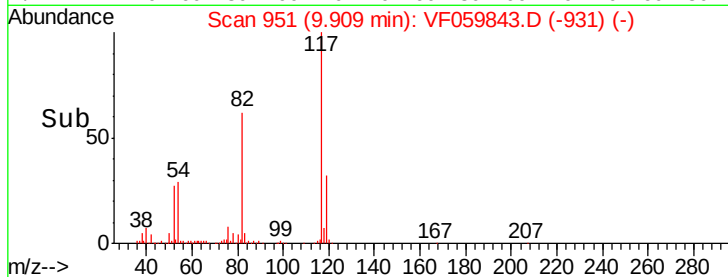
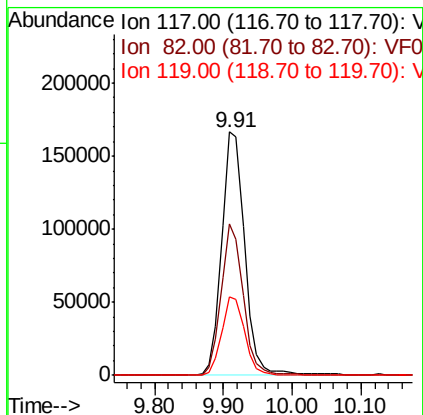
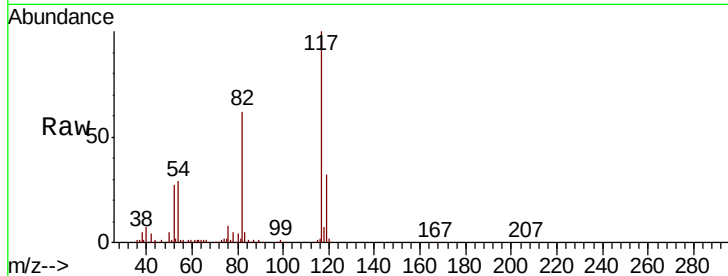




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059843.D
Acq: 3 Aug 2018 17:17

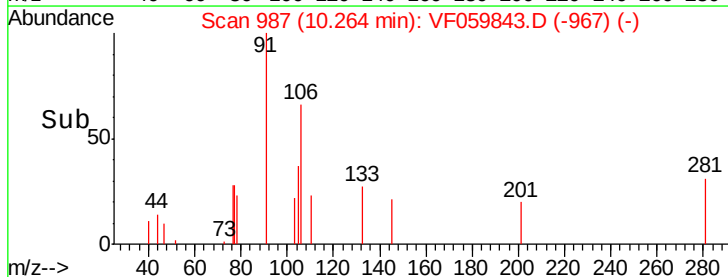
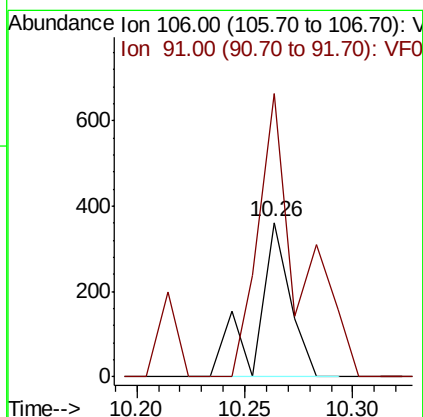
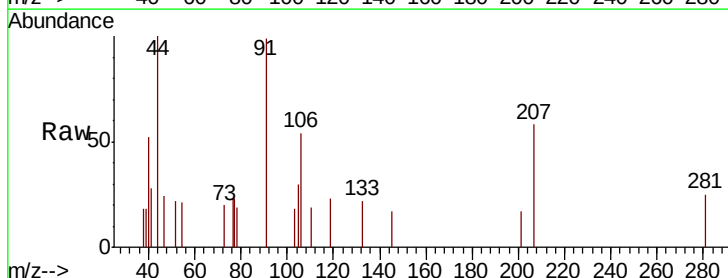
Instrument :
MSVOA_F
ClientSampleId :
OILY-STONE-CONCRETE

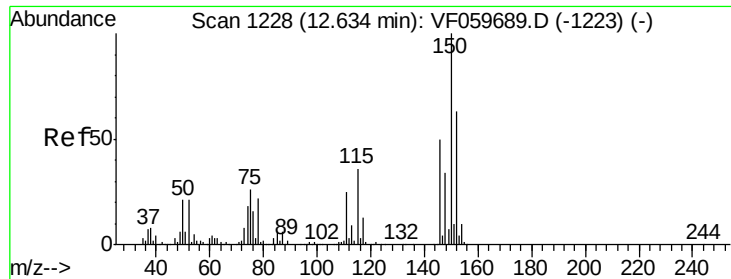
Tot Ion:117 Resp: 388235
Ion Ratio Lower Upper
117 100
82 62.4 49.0 73.4
119 32.1 27.3 40.9



#68
m/p-Xylenes
Concen: Below Cal
RT: 10.26 min Scan# 987
Delta R.T. -0.00 min
Lab File: VF059843.D
Acq: 3 Aug 2018 17:17

Tgt Ion:106 Resp: 386
Ion Ratio Lower Upper
106 100
91 183.1 181.7 272.5



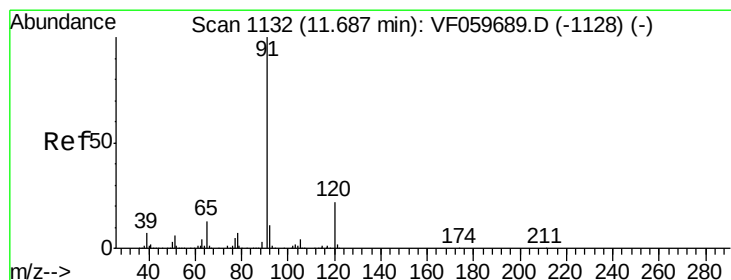
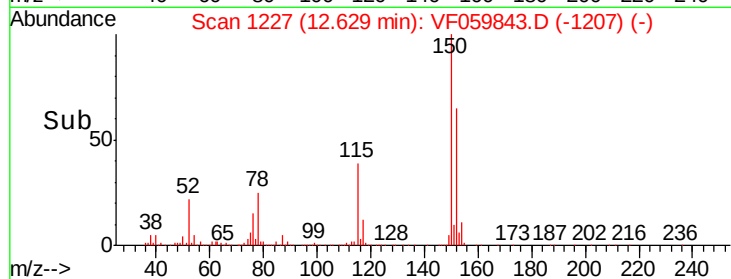
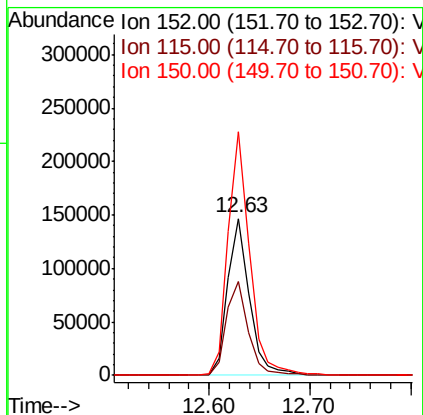
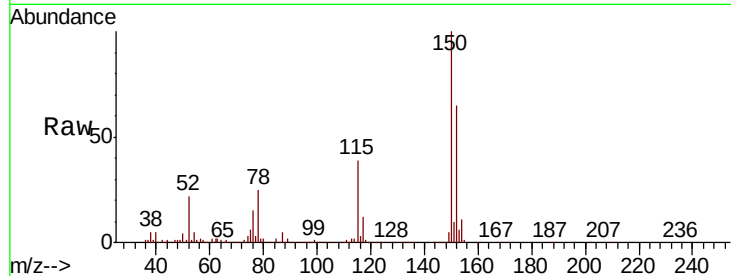


#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059843.D
Acq: 3 Aug 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
OILY-STONE-CONCRETE

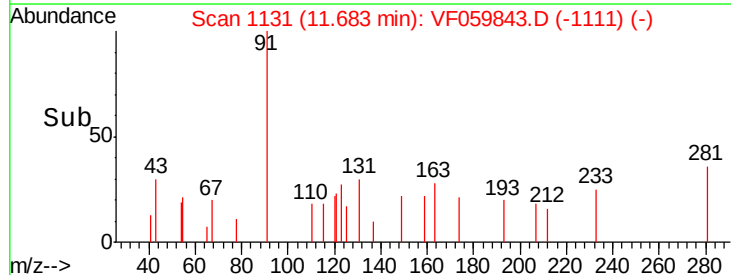
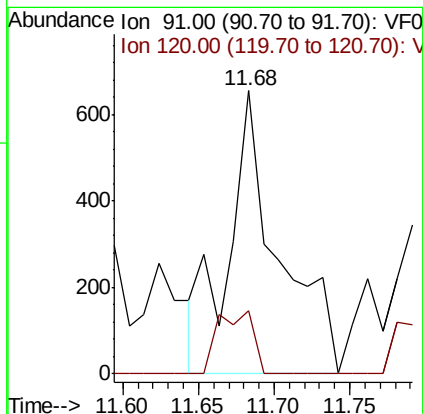
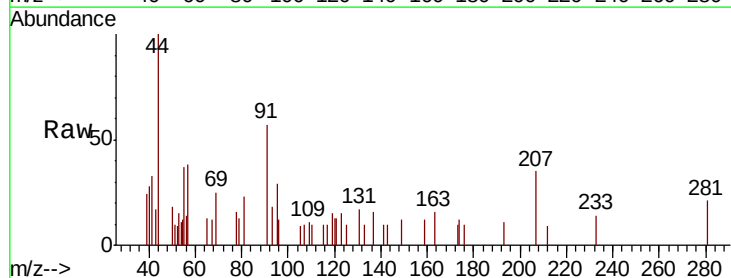
Tot Ion:152 Resp: 222190
Ion Ratio Lower Upper
152 100
115 59.8 28.2 84.6
150 155.0 0.0 316.2

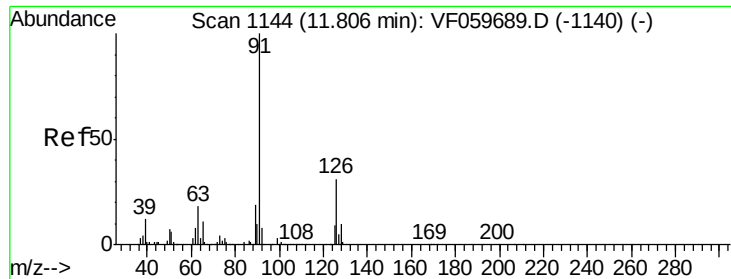


#78

n-propylbenzene
Concen: Below Cal
RT: 11.68 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VF059843.D
Acq: 3 Aug 2018 17:17

Tgt Ion: 91 Resp: 1512
Ion Ratio Lower Upper
91 100
120 22.4 11.0 33.0





#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.81 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VF059843.D

Acq: 3 Aug 2018 17:17

Instrument :

MSVOA_F

ClientSampleId :

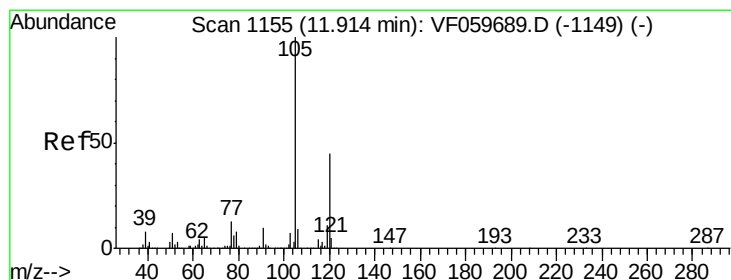
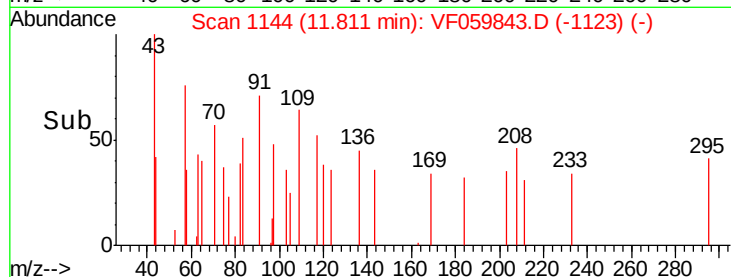
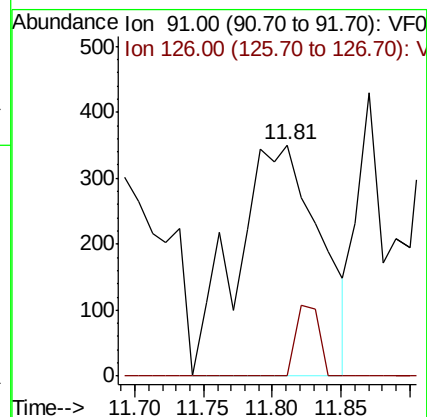
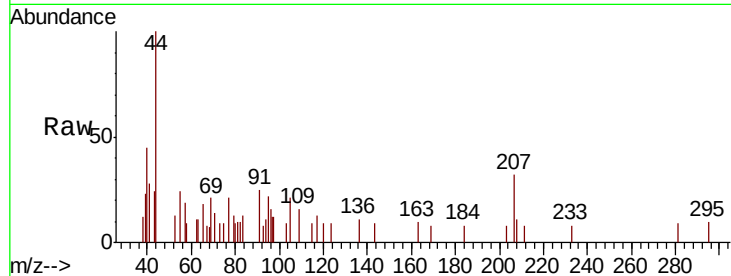
OILY-STONE-CONCRETE

Tot Ion: 91 Resp: 1485

Ion Ratio Lower Upper

91 100

126 0.0 15.4 46.2#



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 11.92 min Scan# 1155

Delta R.T. 0.01 min

Lab File: VF059843.D

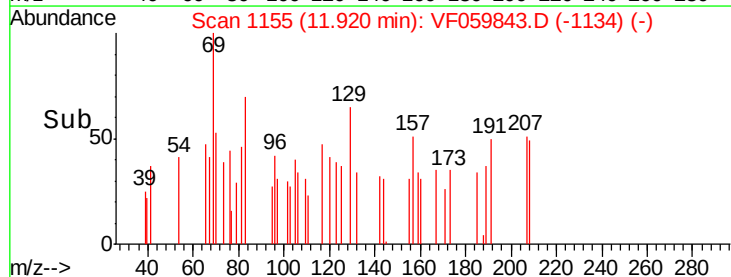
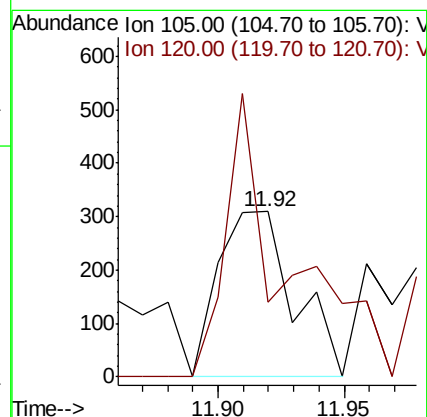
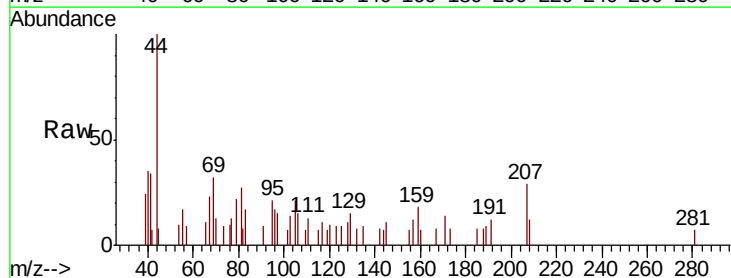
Acq: 3 Aug 2018 17:17

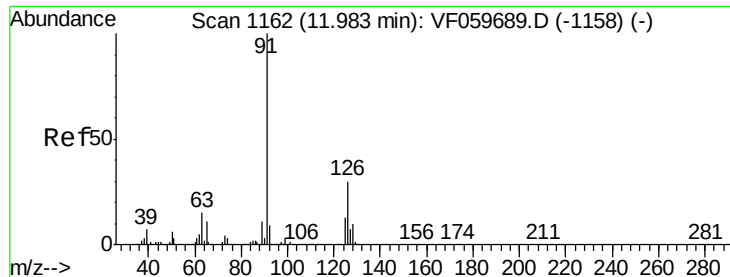
Tgt Ion:105 Resp: 646

Ion Ratio Lower Upper

105 100

120 45.6 22.7 68.0





#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.00 min Scan# 1163

Delta R.T. 0.02 min

Lab File: VF059843.D

Acq: 3 Aug 2018 17:17

Instrument :

MSVOA_F

ClientSampleId :

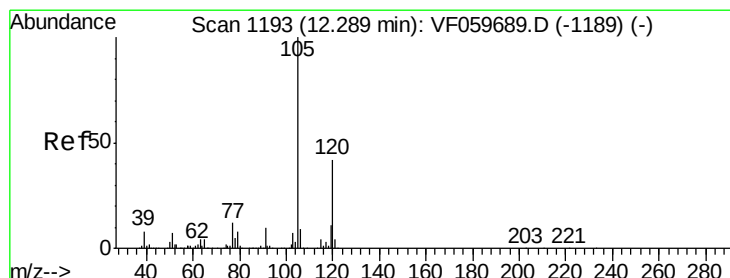
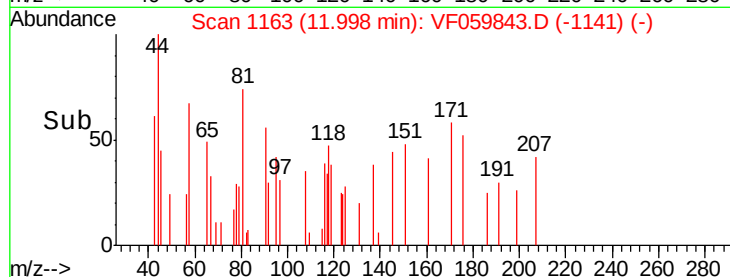
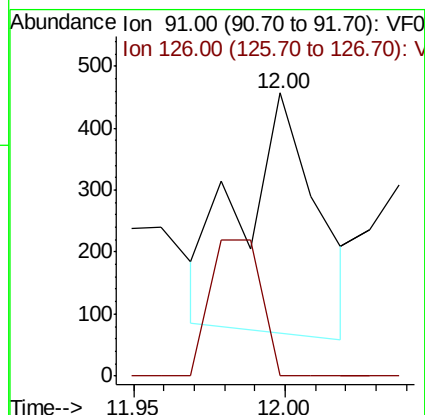
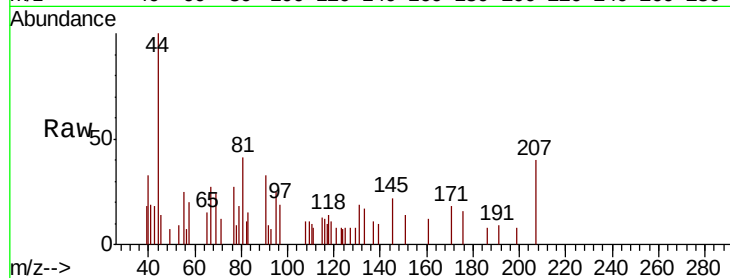
OILY-STONE-CONCRETE

Tot Ion: 91 Resp: 662

Ion Ratio Lower Upper

91 100

126 0.0 15.2 45.6#



#84

1,2,4-Trimethylbenzene

Concen: Below Cal

RT: 12.28 min Scan# 1192

Delta R.T. -0.00 min

Lab File: VF059843.D

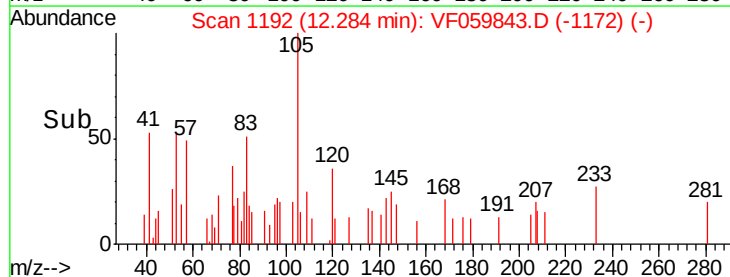
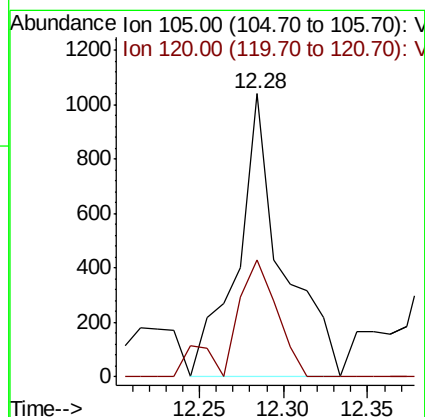
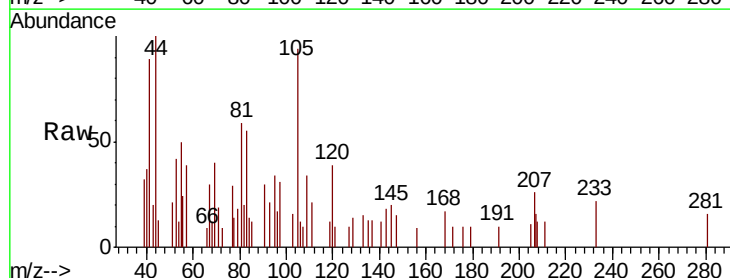
Acq: 3 Aug 2018 17:17

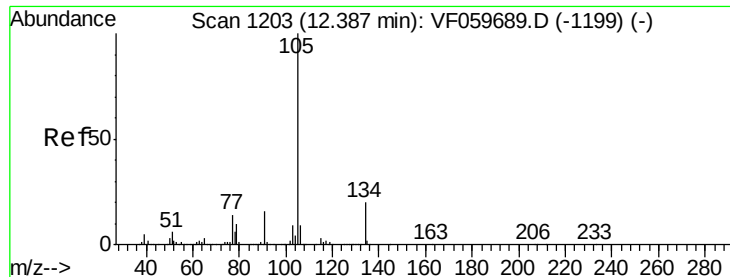
Tgt Ion: 105 Resp: 1913

Ion Ratio Lower Upper

105 100

120 41.2 21.1 63.3

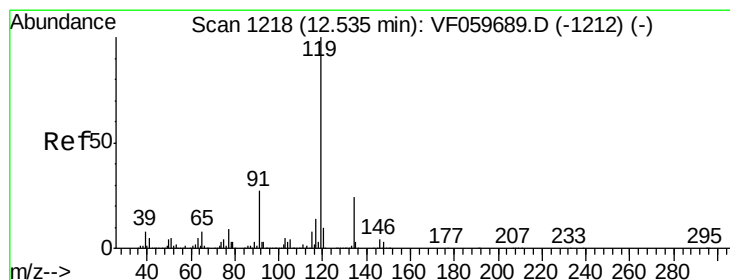
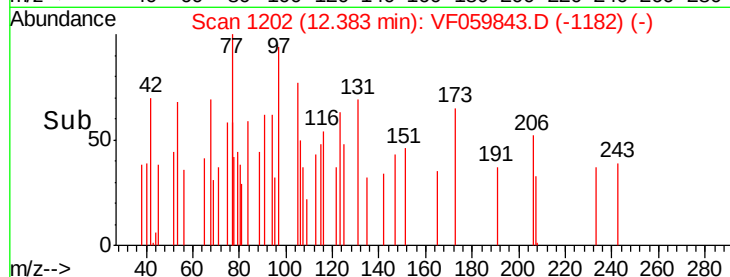
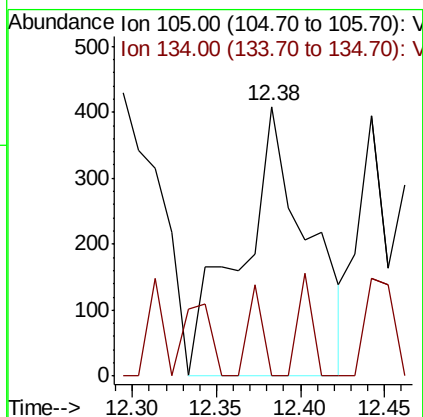
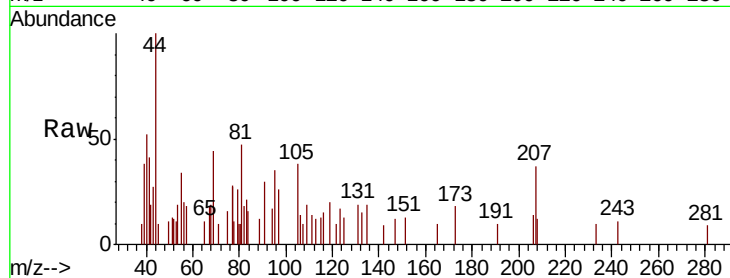




#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 12.38 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VF059843.D
 Acq: 3 Aug 2018 17:17

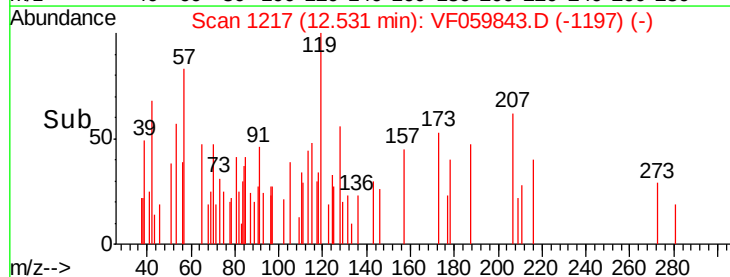
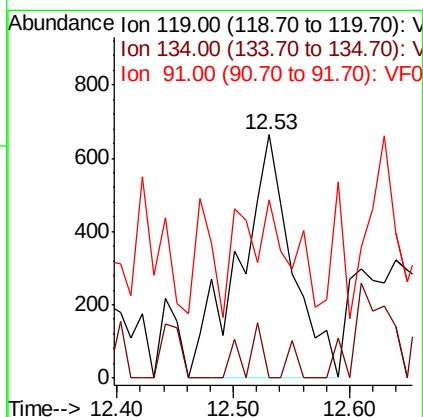
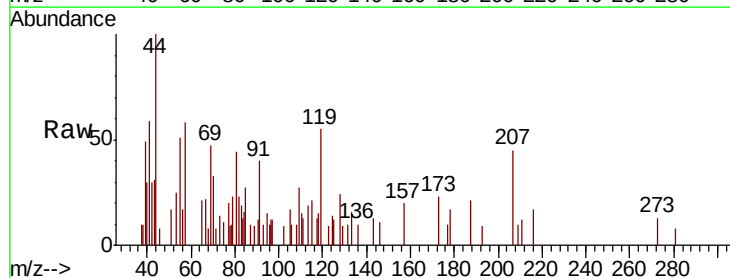
Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-STONE-CONCRETE

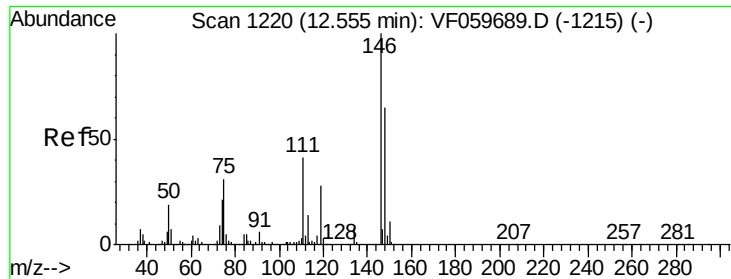
Tot Ion:105 Resp: 1126
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: Below Cal
 RT: 12.53 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VF059843.D
 Acq: 3 Aug 2018 17:17

Tgt Ion:119 Resp: 2078
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.2 36.6#
 91 73.0 13.4 40.2#

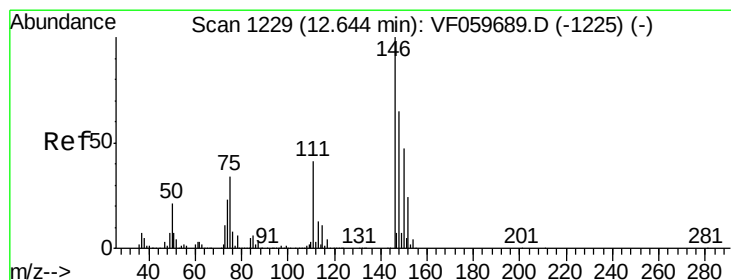
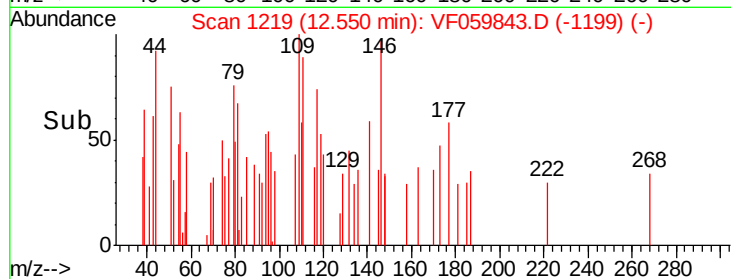
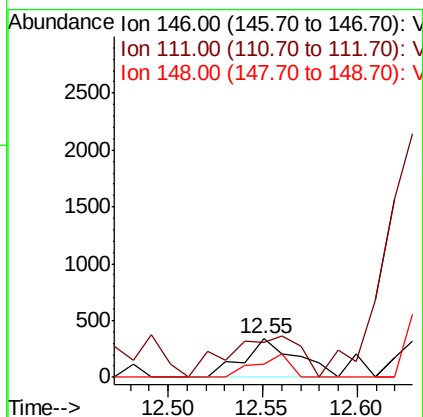
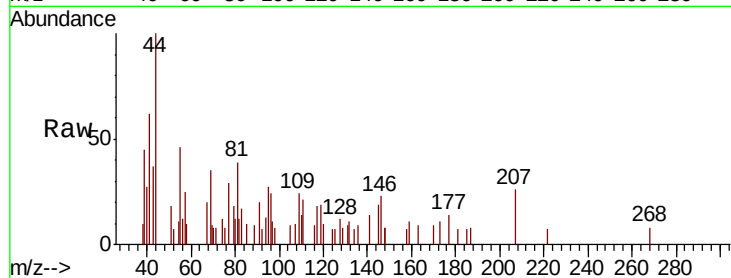




#87
 1,3-Dichlorobenzene
 Concen: Below Cal
 RT: 12.55 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VF059843.D
 Acq: 3 Aug 2018 17:17

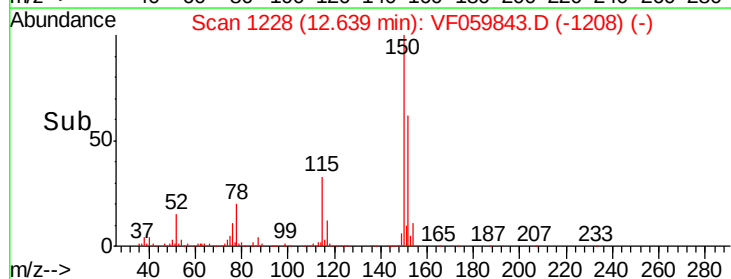
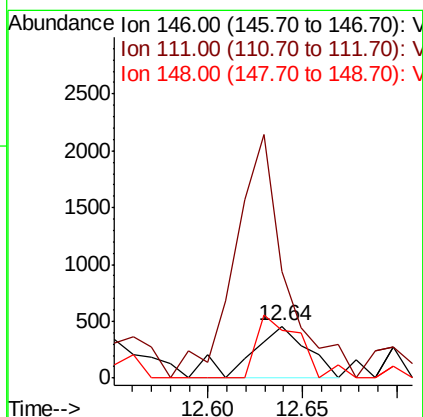
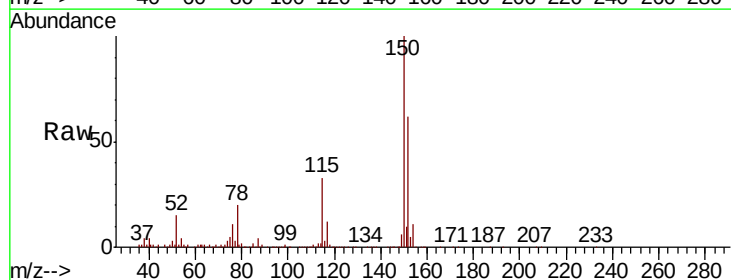
Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-STONE-CONCRETE

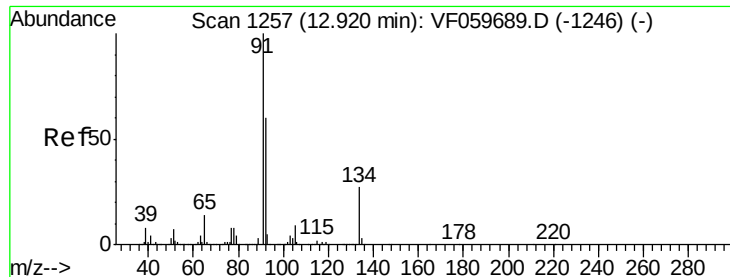
Tot Ion:146 Resp: 664
 Ion Ratio Lower Upper
 146 100
 111 92.0 20.7 62.1#
 148 35.5 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 12.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VF059843.D
 Acq: 3 Aug 2018 17:17

Tgt Ion:146 Resp: 979
 Ion Ratio Lower Upper
 146 100
 111 205.9 20.8 62.2#
 148 92.6 32.3 96.9





#89

n-Butylbenzene

Concen: Below Cal

RT: 12.92 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VF059843.D

Acq: 3 Aug 2018 17:17

Instrument :

MSVOA_F

ClientSampleId :

OILY-STONE-CONCRETE

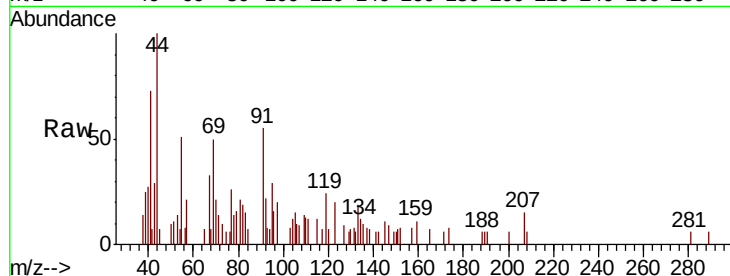
Tot Ion: 91 Resp: 1184

Ion Ratio Lower Upper

91 100

92 39.2 30.1 90.3

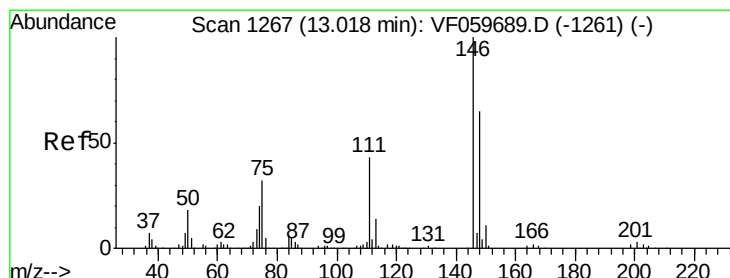
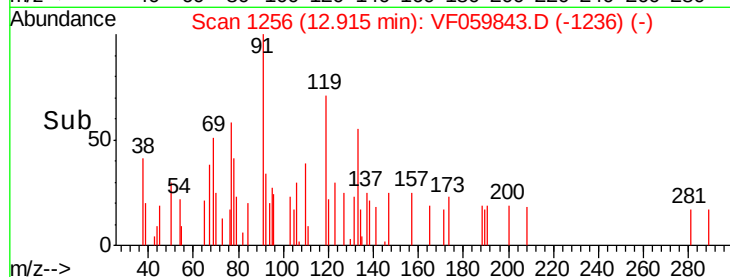
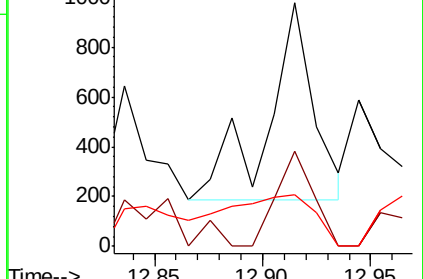
134 21.2 13.7 41.0



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



#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.00 min Scan# 1265

Delta R.T. -0.01 min

Lab File: VF059843.D

Acq: 3 Aug 2018 17:17

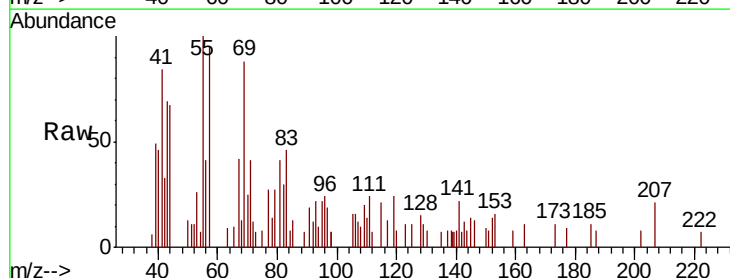
Tgt Ion: 146 Resp: 311

Ion Ratio Lower Upper

146 100

111 191.7 21.6 65.0#

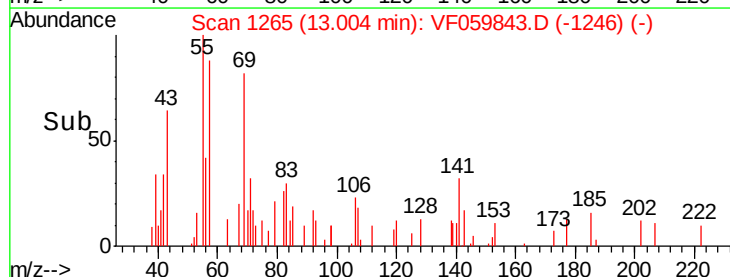
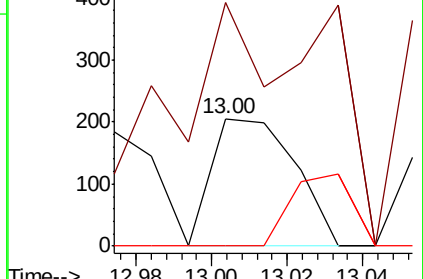
148 0.0 32.3 96.9#

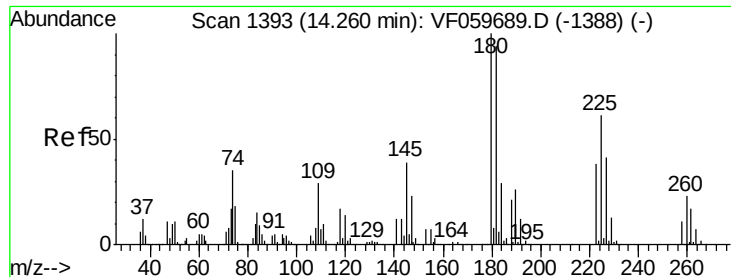


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#93
 1,2,4-Trichlorobenzene
 Concen: Below Cal
 RT: 14.27 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: VF059843.D
 Acq: 3 Aug 2018 17:17

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-STONE-CONCRETE

Tot Ion:180 Resp: 677
 Ion Ratio Lower Upper
 180 100
 182 75.8 47.2 141.6
 145 71.0 19.3 57.9#

