

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080318\
 Data File : VF059857.D
 Acq On : 3 Aug 2018 23:41
 Operator : VA/AP
 Sample : J4316-05
 Misc : 5.13g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 T40-CLAY-1

Quant Time: Aug 04 03:20:38 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	131987	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.76	114	176067	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	158267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	99098	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	82165	34.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.28%	
35) Dibromofluoromethane	4.30	113	73831	40.37	ug/l	0.01
Spiked Amount	50.000		Recovery	=	80.74%	
50) Toluene-d8	7.71	98	155282	36.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.82%	
62) 4-Bromofluorobenzene	11.51	95	78442	33.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.46%	

Target Compounds			Qvalue				
2) Dichlorodifluoromethane	1.01	85	227	Below Cal	#	44	
3) Chloromethane	1.09	50	519	Below Cal	#	38	
4) Vinyl Chloride	1.26	62	132	Below Cal	#	64	
5) Bromomethane	1.45	94	154	Below Cal		97	
6) Chloroethane	1.43	64	193	Below Cal	#	35	
10) Methyl Iodide	1.90	142	141	Below Cal	#	20	
11) Tert butyl alcohol	2.68	59	96	Below Cal	#	1	
13) Acrolein	2.10	56	102	17.97	ug/l	90	
15) Acrylonitrile	3.08	53	238	1.62	ug/l	#	1
16) Acetone	2.34	43	2181	5.11	ug/l	#	68
17) Carbon Disulfide	1.84	76	126	Below Cal	#	71	
18) Methyl Acetate	2.34	43	2181	Below Cal		95	
20) Methylene Chloride	2.28	84	4940	Below Cal	#	81	
21) trans-1,2-Dichloroethene	2.37	96	143	Below Cal	#	1	
28) Bromochloromethane	4.01	49	158	Below Cal	#	15	
31) Cyclohexane	3.97	56	91	Below Cal	#	15	
36) 1,1-Dichloropropene	4.47	75	364	Below Cal	#	19	
37) Ethyl Acetate	4.27	43	90	Below Cal	#	19	
39) Methylcyclohexane	5.76	83	3184	Below Cal	#	25	
41) Methacrylonitrile	4.94	41	152	Below Cal	#	24	
49) 1,4-Dioxane	6.80	88	65	Below Cal	#	21	
52) Toluene	7.76	92	154	Below Cal	#	1	
58) 2-Chloroethyl Vinyl ether	7.71	63	232	2.00	ug/l	100	
64) Tetrachloroethene	8.30	164	64	Below Cal	#	1	
68) m/p-Xylenes	10.25	106	70	Below Cal	#	1	
78) n-propylbenzene	11.70	91	244	Below Cal	#	54	
79) 2-Chlorotoluene	11.80	91	341	Below Cal	#	44	
80) 1,3,5-Trimethylbenzene	11.90	105	264	Below Cal	#	31	
82) 4-Chlorotoluene	12.00	91	266	Below Cal	#	44	
84) 1,2,4-Trimethylbenzene	12.29	105	337	Below Cal	#	33	
85) sec-Butylbenzene	12.40	105	158	Below Cal	#	57	
86) p-Isopropyltoluene	12.54	119	244	Below Cal	#	49	
87) 1,3-Dichlorobenzene	12.55	146	122	Below Cal	#	24	
88) 1,4-Dichlorobenzene	12.64	146	161	Below Cal	#	1	

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QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration

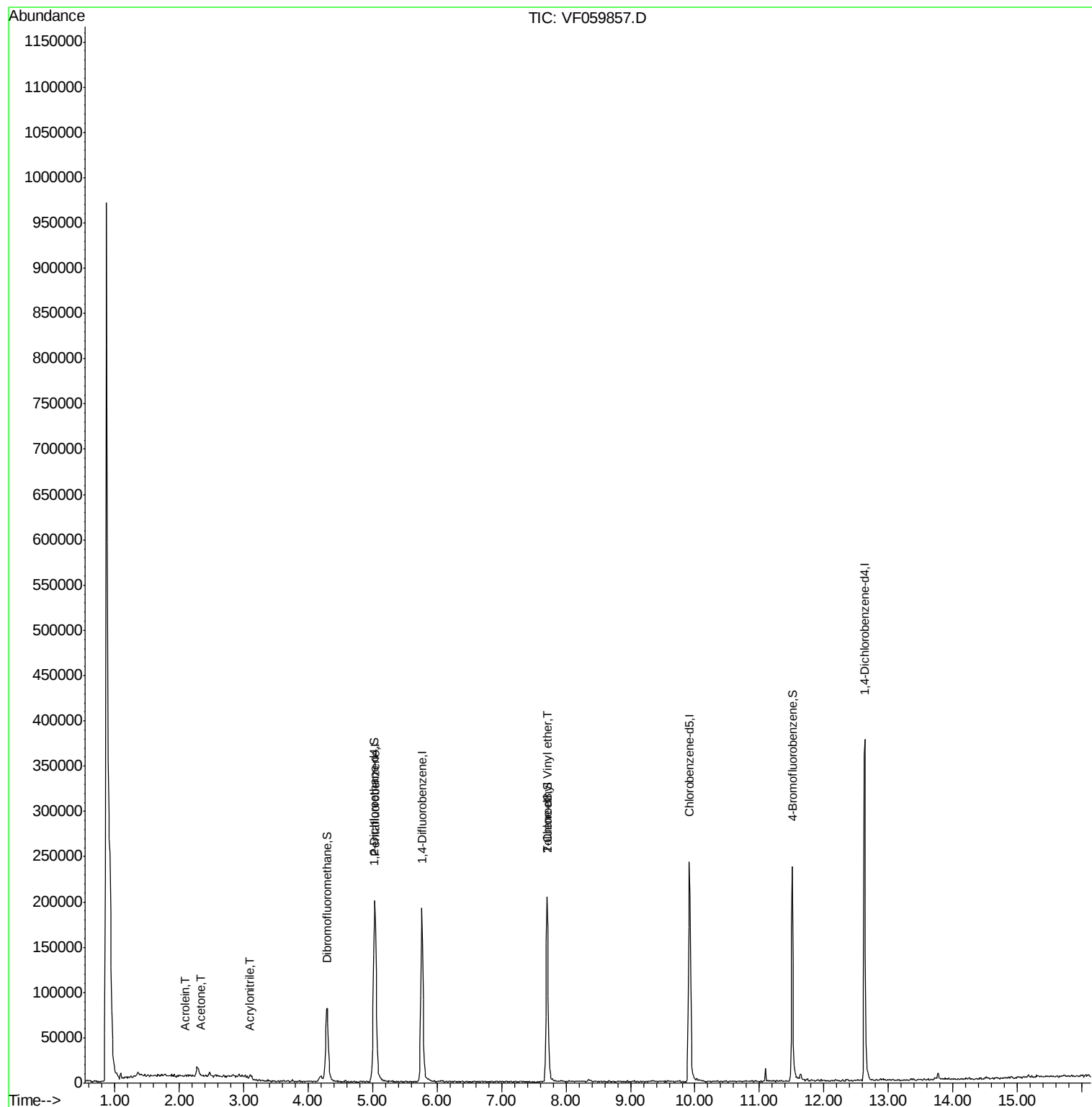
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.92	91	408	Below Cal	#	61
93) 1,2,4-Trichlorobenzene	14.26	180	163	Below Cal	#	44

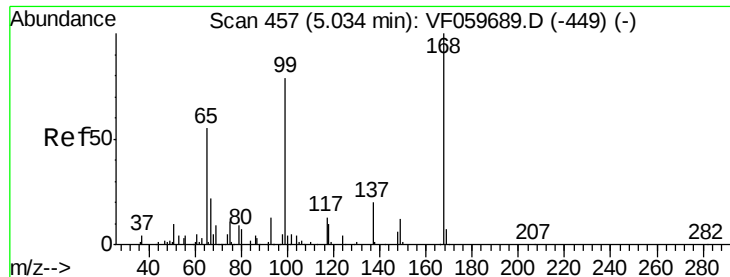
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059857.D

Acq: 3 Aug 2018 23:41

Instrument :

MSVOA_F

ClientSampleId :

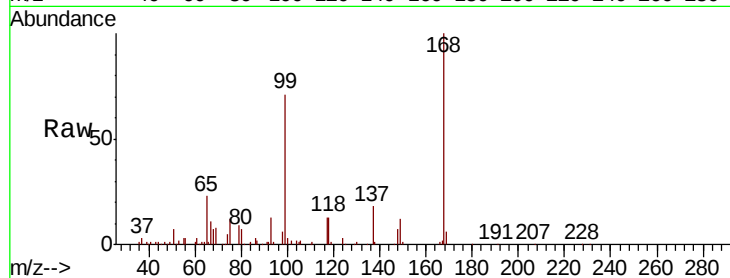
T40-CLAY-1

Tot Ion:168 Resp: 131987

Ion Ratio Lower Upper

168 100

99 71.3 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

40000

30000

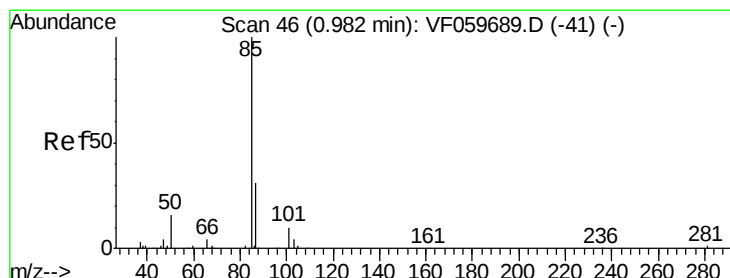
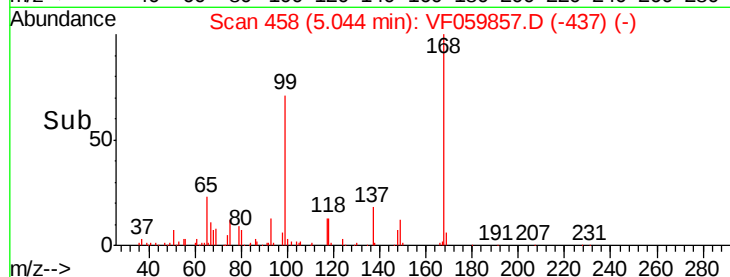
20000

10000

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: VF059857.D

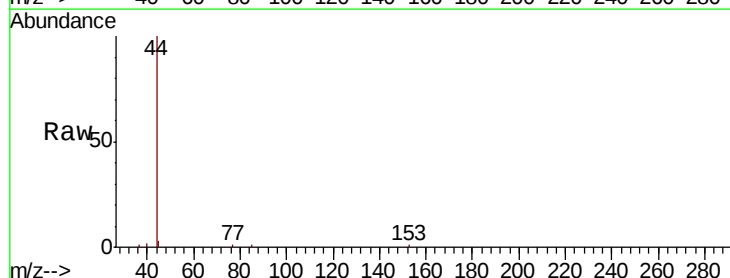
Acq: 3 Aug 2018 23:41

Tgt Ion: 85 Resp: 227

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

1.01

150

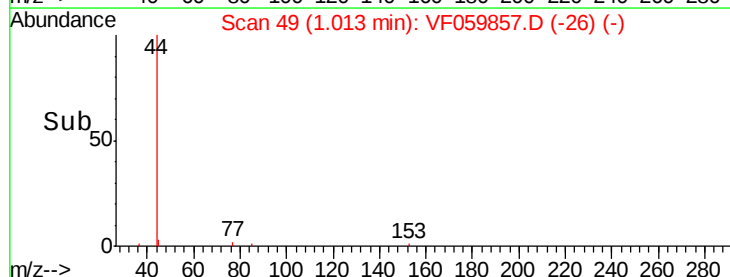
100

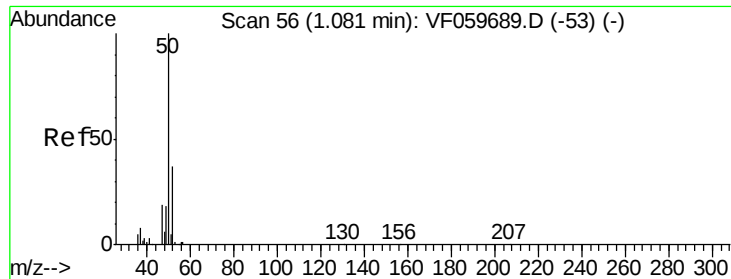
50

0

Time-->

0.95 1.00 1.05





#3

Chloromethane

Concen: Below Cal

RT: 1.09 min Scan# 57

Delta R.T. 0.01 min

Lab File: VF059857.D

Acq: 3 Aug 2018 23:41

Instrument :

MSVOA_F

ClientSampleId :

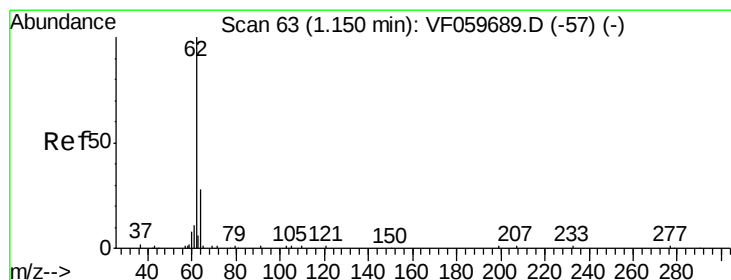
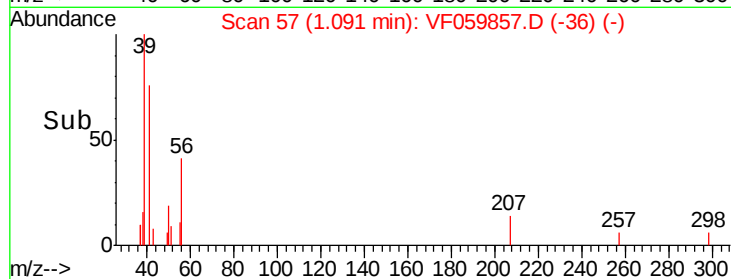
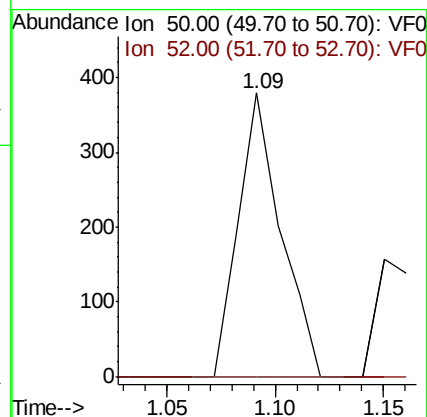
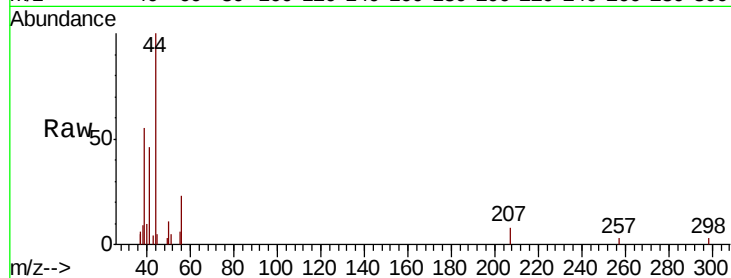
T40-CLAY-1

Tot Ion: 50 Resp: 519

Ion Ratio Lower Upper

50 100

52 0.0 29.1 43.7#



#4

Vinyl Chloride

Concen: Below Cal

RT: 1.26 min Scan# 74

Delta R.T. 0.11 min

Lab File: VF059857.D

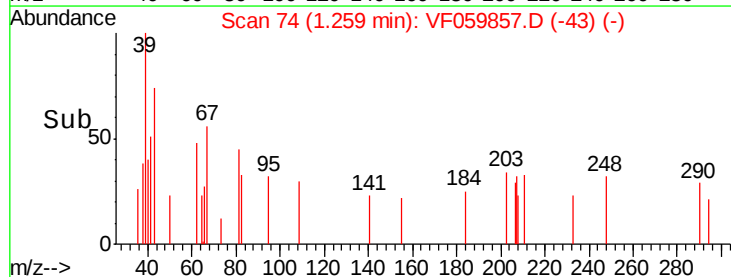
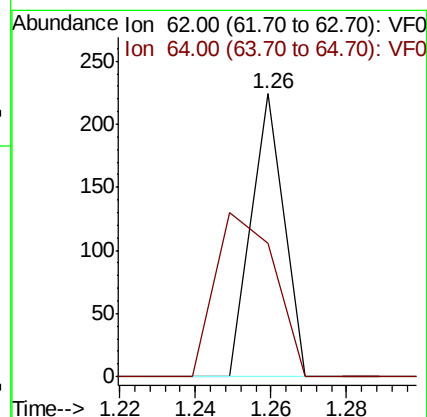
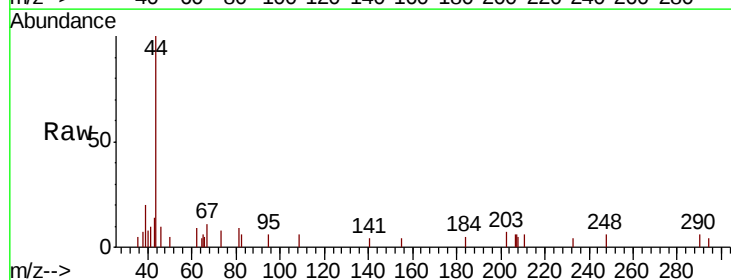
Acq: 3 Aug 2018 23:41

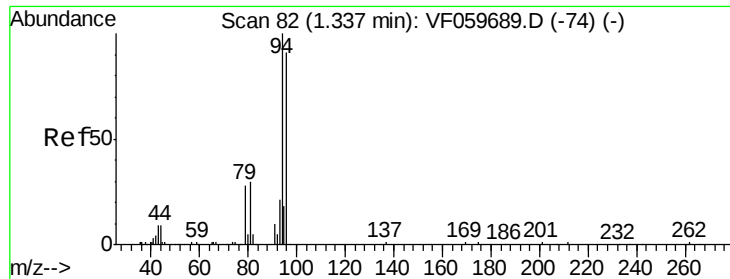
Tgt Ion: 62 Resp: 132

Ion Ratio Lower Upper

62 100

64 47.3 22.6 33.8#





#5

Bromomethane

Concen: Below Cal

RT: 1.45 min Scan# 93

Delta R.T. 0.11 min

Lab File: VF059857.D

Acq: 3 Aug 2018 23:41

Instrument :

MSVOA_F

ClientSampleId :

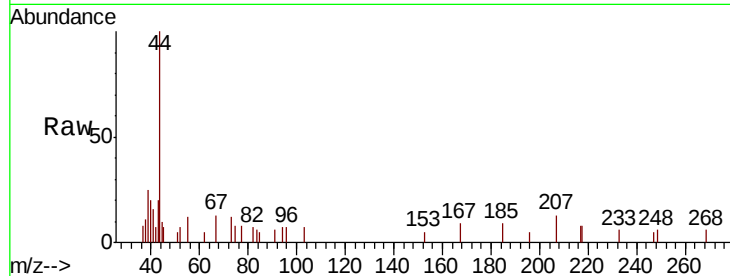
T40-CLAY-1

Tot Ion: 94 Resp: 154

Ion Ratio Lower Upper

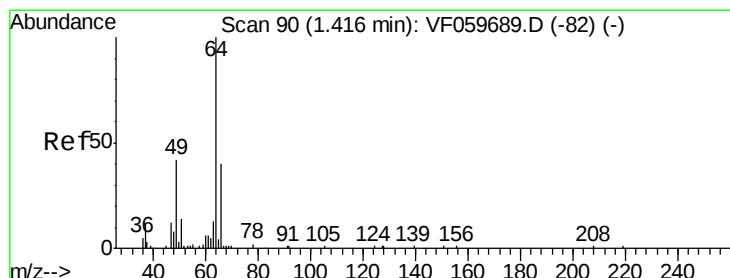
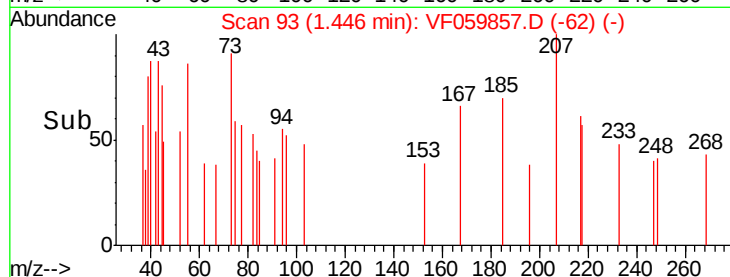
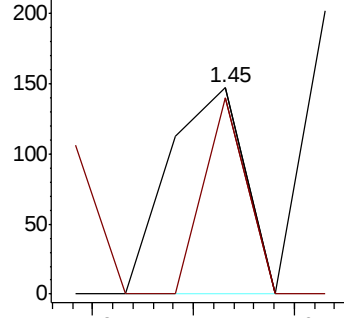
94 100

96 95.2 73.6 110.4



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: Below Cal

RT: 1.43 min Scan# 91

Delta R.T. 0.01 min

Lab File: VF059857.D

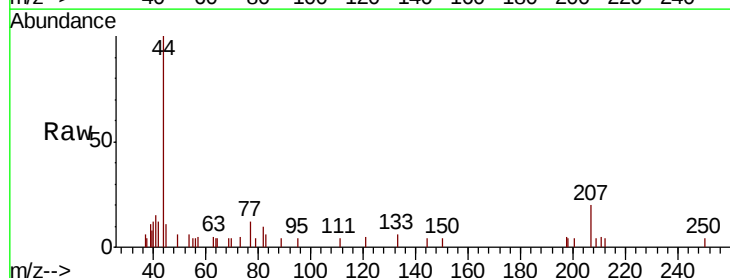
Acq: 3 Aug 2018 23:41

Tgt Ion: 64 Resp: 193

Ion Ratio Lower Upper

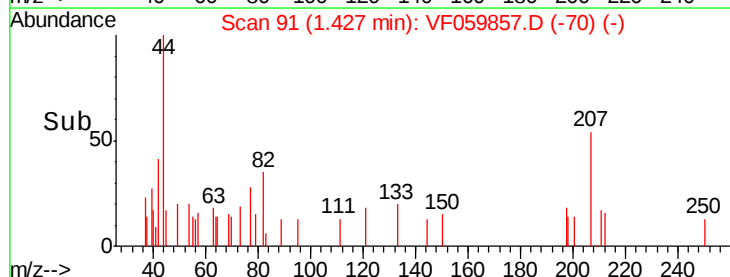
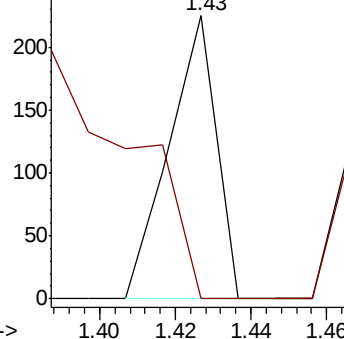
64 100

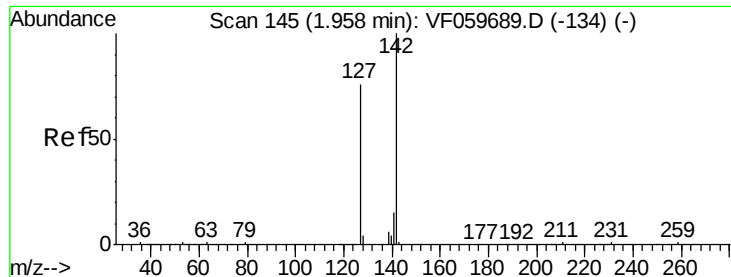
66 0.0 32.6 49.0#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0

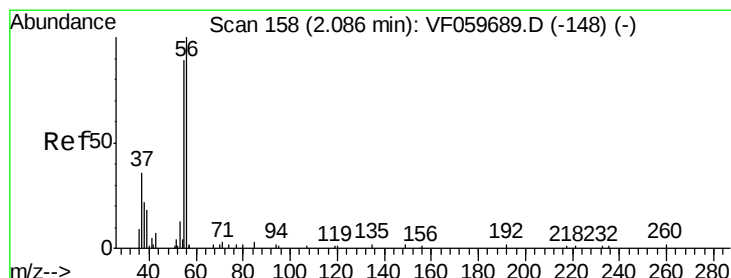
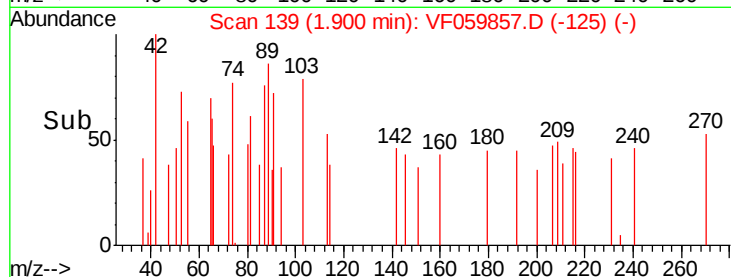
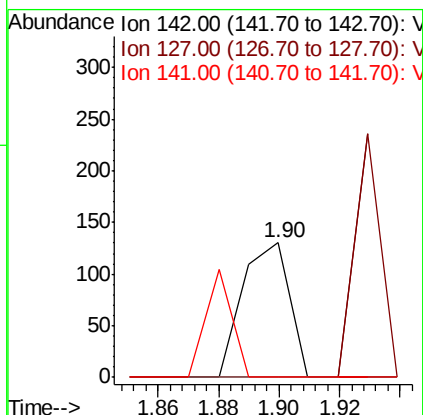
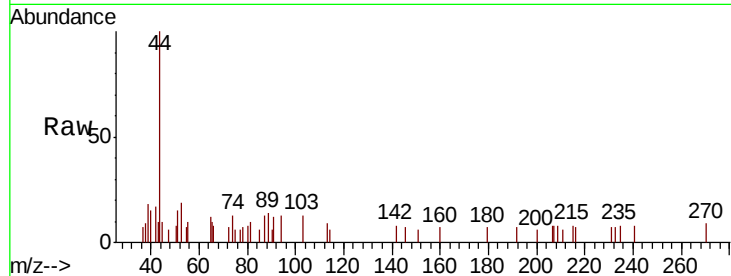




#10
Methyl Iodide
Concen: Below Cal
RT: 1.90 min Scan# 139
Delta R.T. -0.06 min
Lab File: VF059857.D
Acq: 3 Aug 2018 23:41

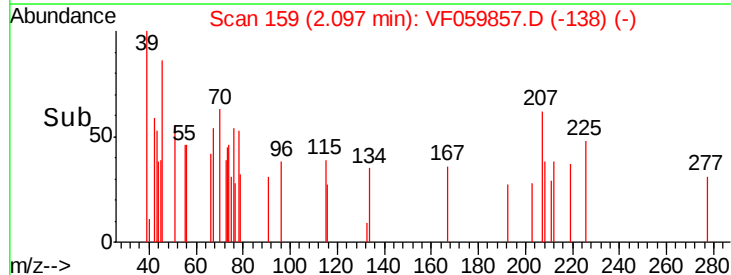
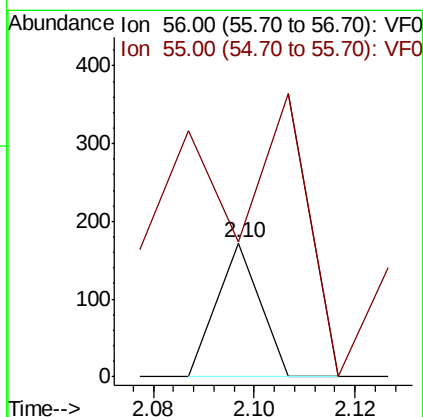
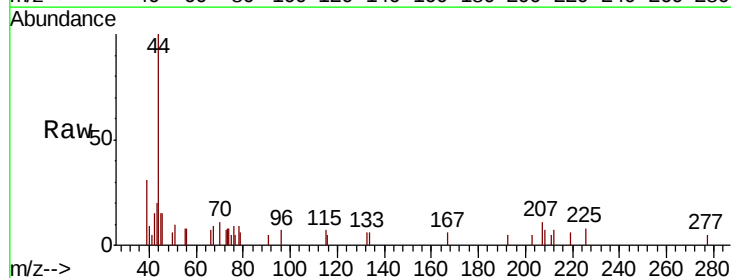
Instrument :
MSVOA_F
ClientSampled :
T40-CLAY-1

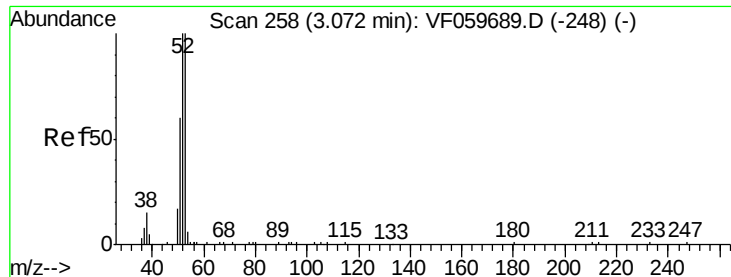
Tot Ion:142 Resp: 141
Ion Ratio Lower Upper
142 100
127 0.0 60.6 91.0#
141 0.0 12.0 18.0#



#13
Acrolein
Concen: 17.97 ug/l
RT: 2.10 min Scan# 159
Delta R.T. 0.01 min
Lab File: VF059857.D
Acq: 3 Aug 2018 23:41

Tgt Ion: 56 Resp: 102
Ion Ratio Lower Upper
56 100
55 100.6 73.2 109.8





#15

Acrylonitrile

Concen: 1.62 ug/l

RT: 3.08 min Scan# 259

Delta R.T. 0.01 min

Lab File: VF059857.D

Acq: 3 Aug 2018 23:41

Instrument :

MSVOA_F

ClientSampled :

T40-CLAY-1

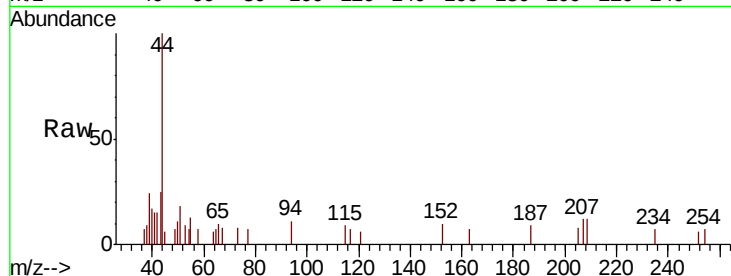
Tot Ion: 53 Resp: 238

Ion Ratio Lower Upper

53 100

52 0.0 80.3 120.5#

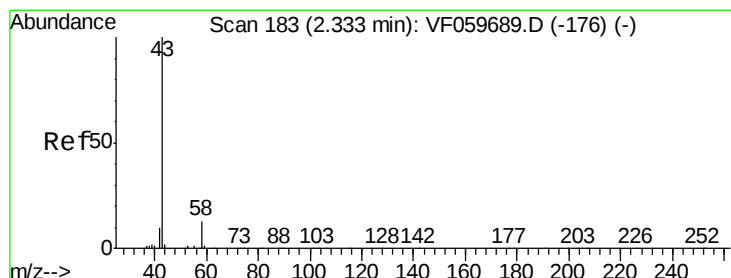
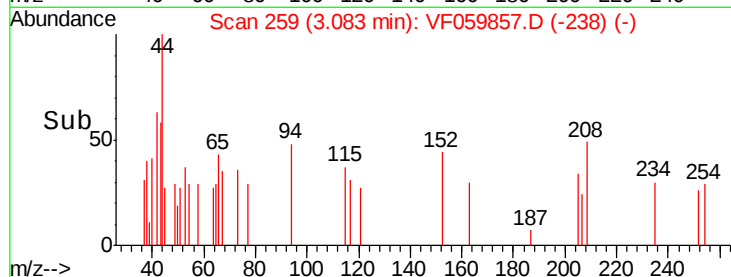
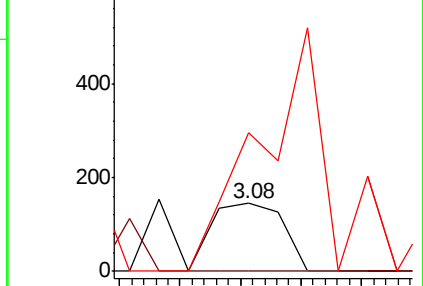
51 203.4 49.4 74.0#



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: 5.11 ug/l

RT: 2.34 min Scan# 184

Delta R.T. 0.01 min

Lab File: VF059857.D

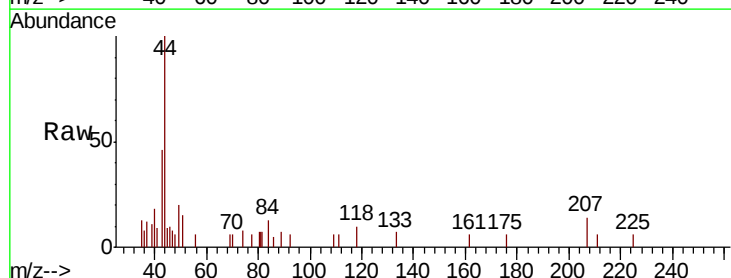
Acq: 3 Aug 2018 23:41

Tgt Ion: 43 Resp: 2181

Ion Ratio Lower Upper

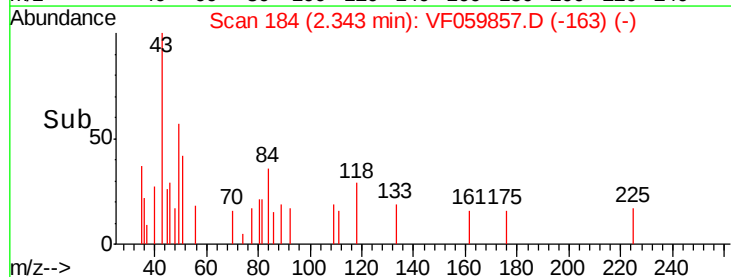
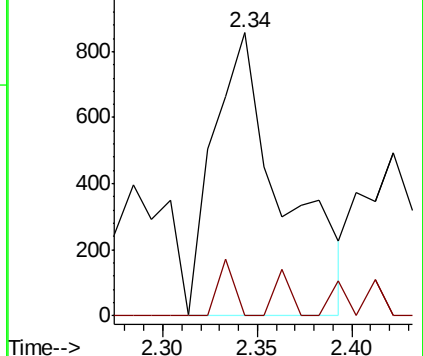
43 100

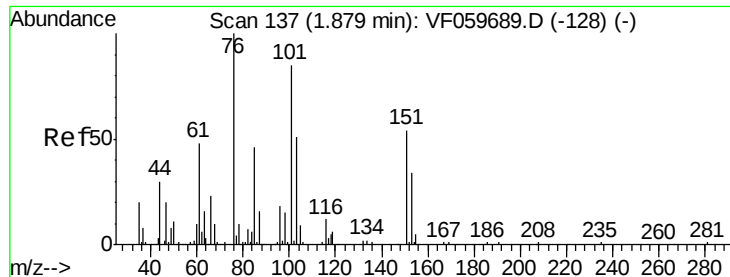
58 0.0 10.1 15.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

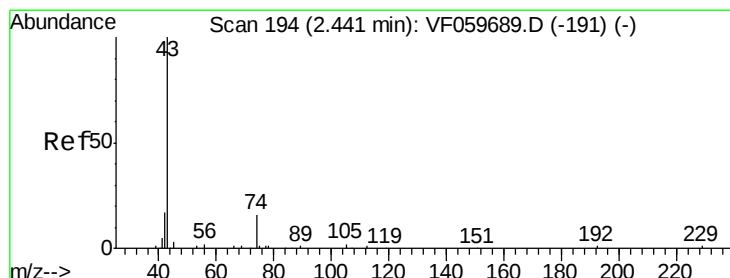
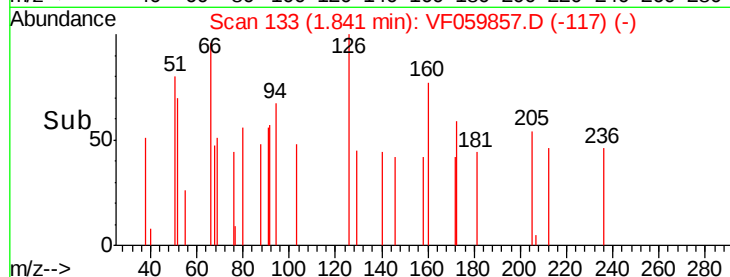
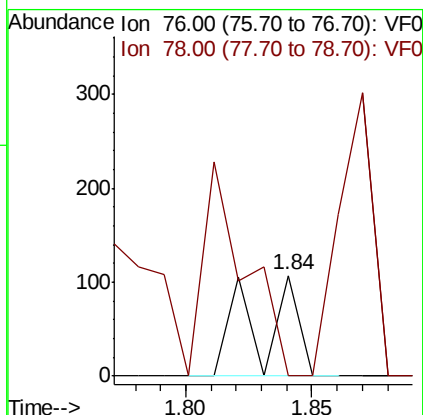
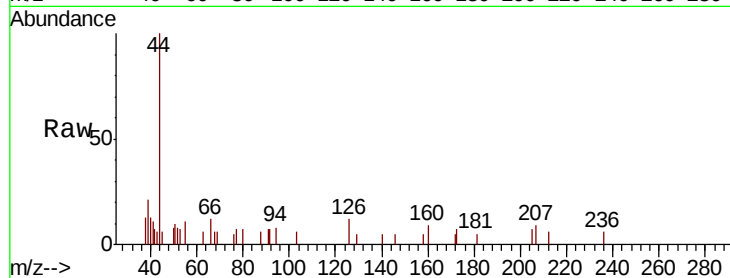




#17
Carbon Disulfide
Concen: Below Cal
RT: 1.84 min Scan# 133
Delta R.T. -0.04 min
Lab File: VF059857.D
Acq: 3 Aug 2018 23:41

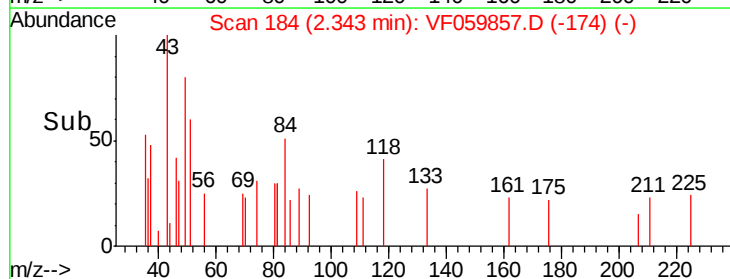
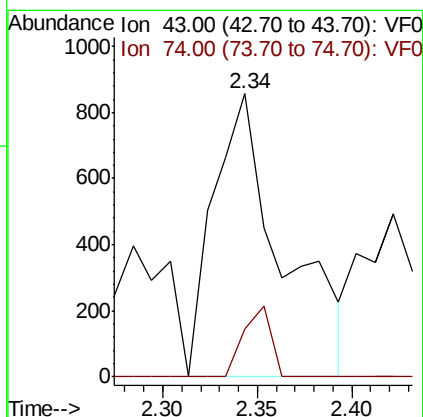
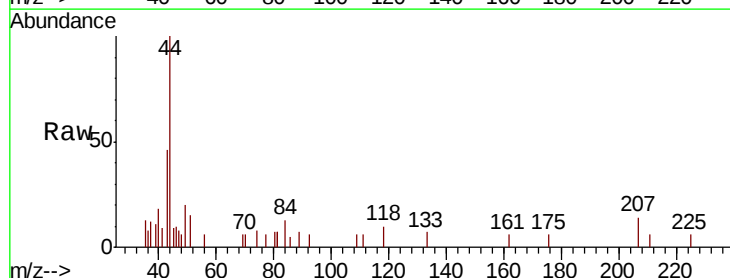
Instrument :
MSVOA_F
ClientSampleId :
T40-CLAY-1

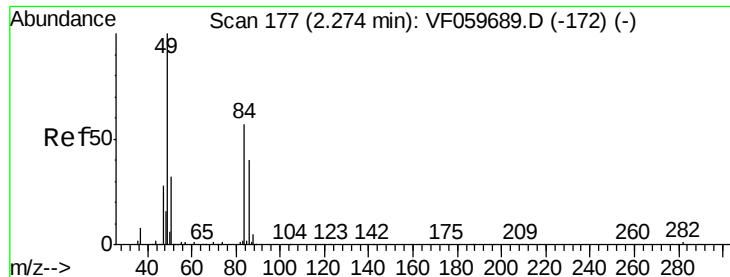
Tot Ion: 76 Resp: 126
Ion Ratio Lower Upper
76 100
78 0.0 8.9 13.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 2.34 min Scan# 184
Delta R.T. -0.10 min
Lab File: VF059857.D
Acq: 3 Aug 2018 23:41

Tgt Ion: 43 Resp: 2181
Ion Ratio Lower Upper
43 100
74 16.7 11.8 17.6

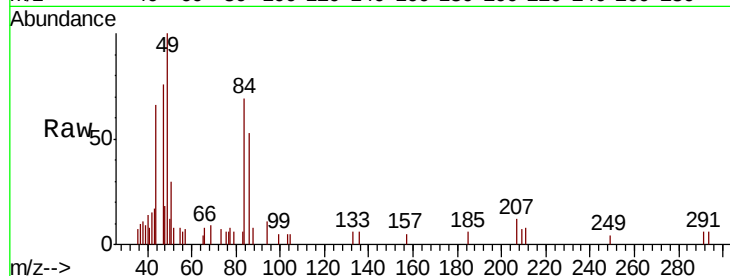




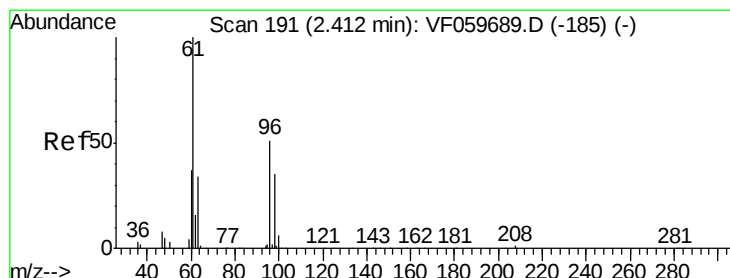
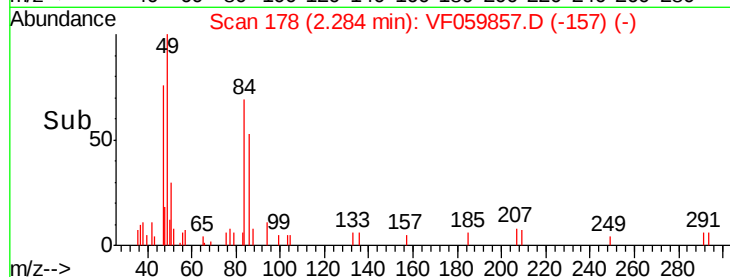
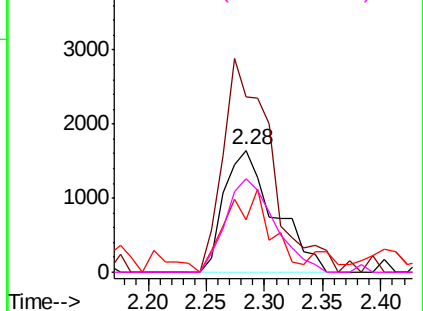
#20
Methvlene Chloride
Concen: Below Cal
RT: 2.28 min Scan# 178
Delta R.T. 0.01 min
Lab File: VF059857.D
Acq: 3 Aug 2018 23:41

Instrument :
MSVOA_F
ClientSampleId :
T40-CLAY-1

Tot Ion: 84 Resp: 4940
Ion Ratio Lower Upper
84 100
49 144.1 142.2 213.4
51 43.0 46.2 69.2#
86 76.4 57.1 85.7

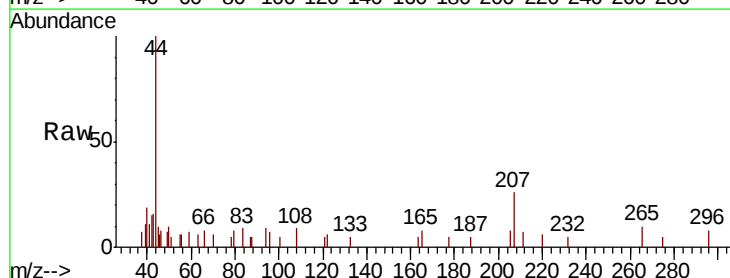


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

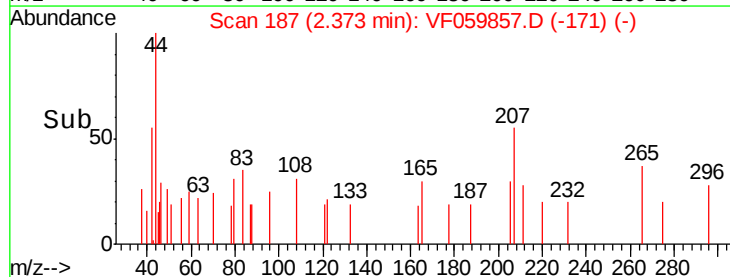
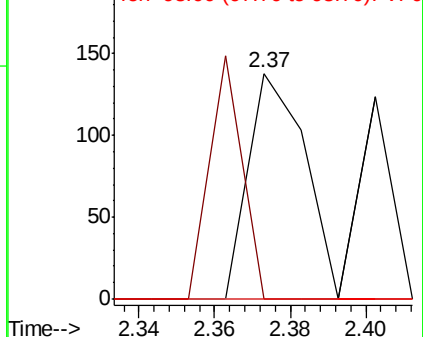


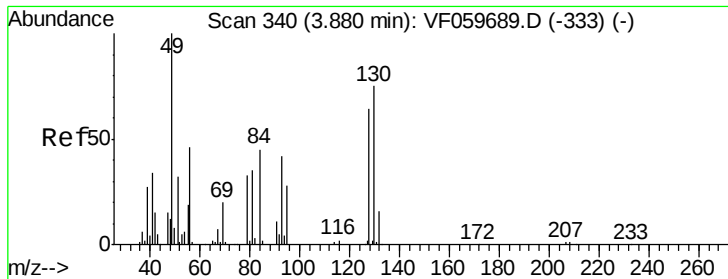
#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 2.37 min Scan# 187
Delta R.T. -0.04 min
Lab File: VF059857.D
Acq: 3 Aug 2018 23:41

Tgt Ion: 96 Resp: 143
Ion Ratio Lower Upper
96 100
61 0.0 157.4 236.0#
98 0.0 55.0 82.4#



Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



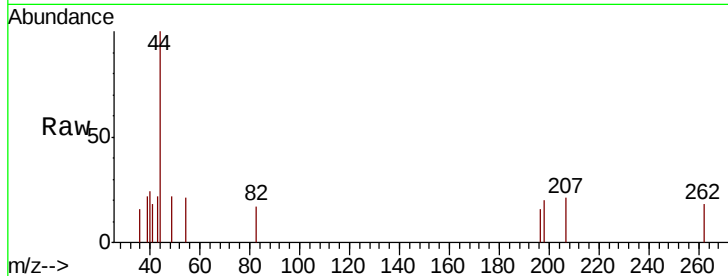


#28

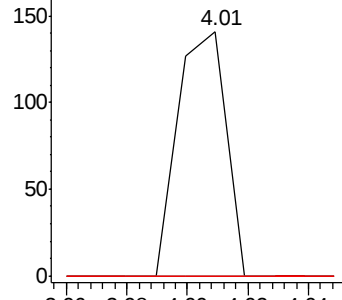
Bromochloromethane
 Concen: Below Cal
 RT: 4.01 min Scan# 353
 Delta R.T. 0.13 min
 Lab File: VF059857.D
 Acq: 3 Aug 2018 23:41

Instrument :
 MSVOA_F
 ClientSampleId :
 T40-CLAY-1

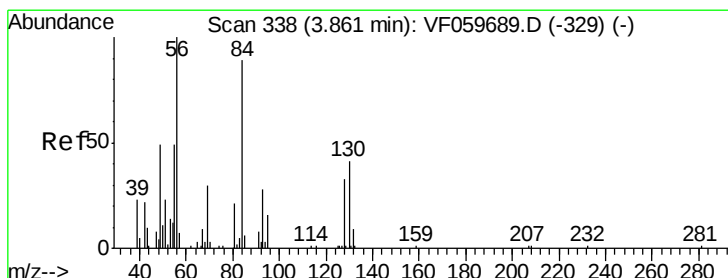
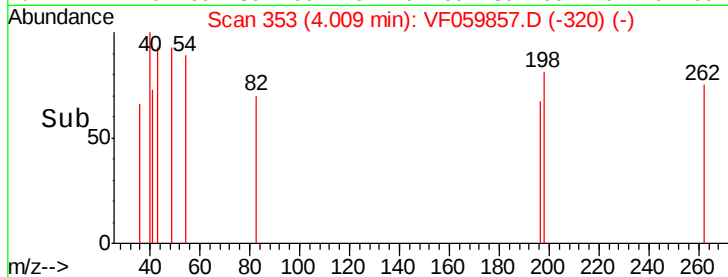
Tot Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	0.0	59.6	89.4#



Abundance Ion 49.00 (48.70 to 49.70): VF0
 Ion 129.00 (128.70 to 129.70): V
 Ion 130.00 (129.70 to 130.70): V



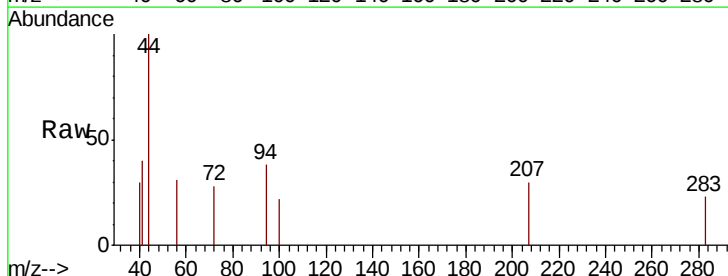
Time-->



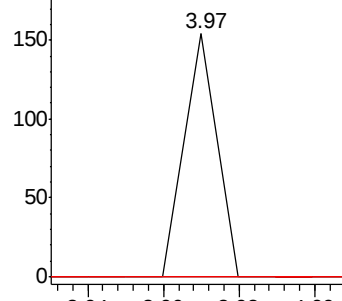
#31

Cyclohexane
 Concen: Below Cal
 RT: 3.97 min Scan# 349
 Delta R.T. 0.11 min
 Lab File: VF059857.D
 Acq: 3 Aug 2018 23:41

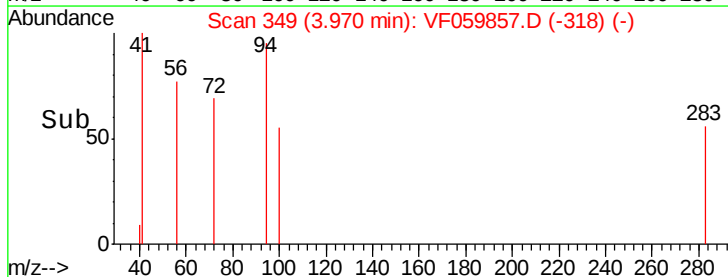
Tgt Ion	Ratio	Lower	Upper
56	100		
69	0.0	23.7	35.5#
84	0.0	71.1	106.7#

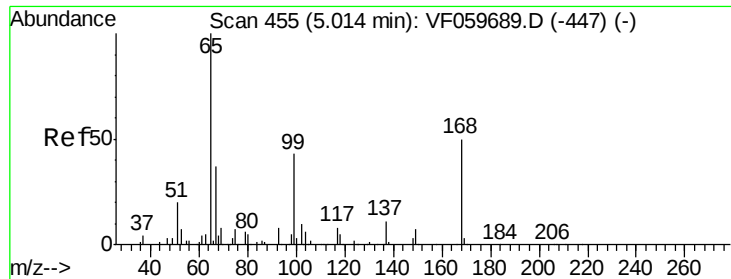


Abundance Ion 56.00 (55.70 to 56.70): VF0
 Ion 69.00 (68.70 to 69.70): VF0
 Ion 84.00 (83.70 to 84.70): VF0



Time-->

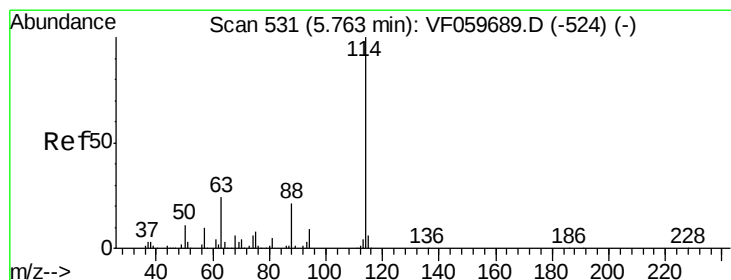
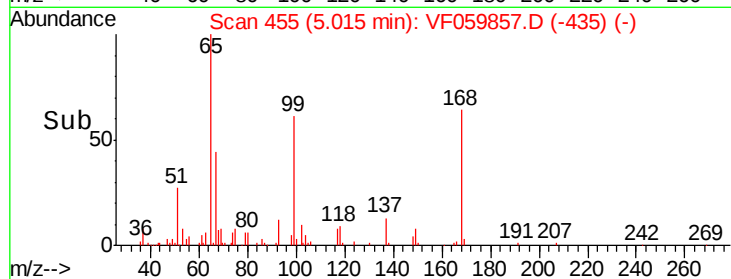
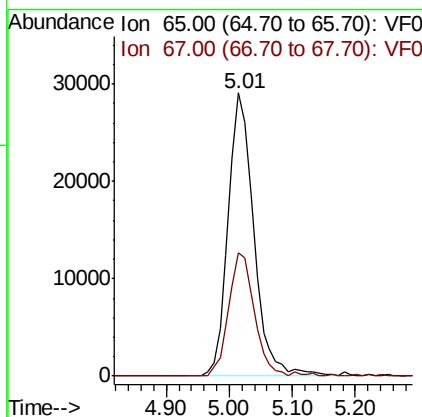
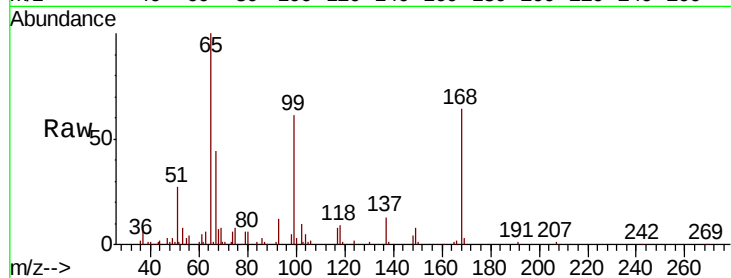




#33
 1,2-Dichloroethane-d4
 Concen: 34.64 ug/l
 RT: 5.01 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: VF059857.D
 Acq: 3 Aug 2018 23:41

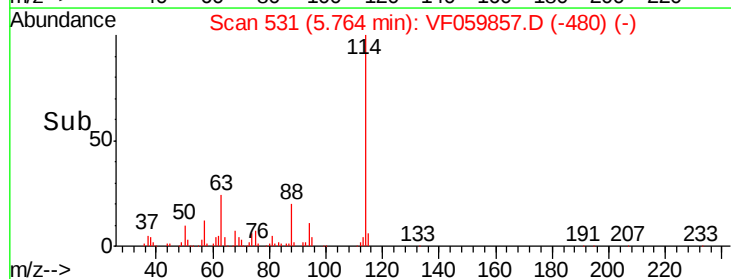
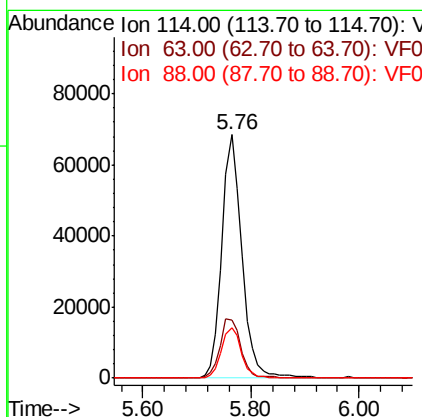
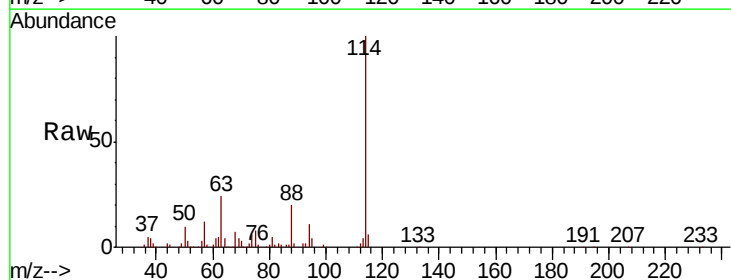
Instrument :
 MSVOA_F
 ClientSampleId :
 T40-CLAY-1

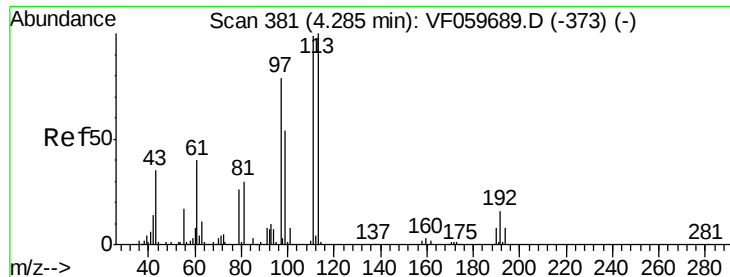
Tot Ion: 65 Resp: 82165
 Ion Ratio Lower Upper
 65 100
 67 43.7 0.0 84.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VF059857.D
 Acq: 3 Aug 2018 23:41

Tgt Ion: 114 Resp: 176067
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 47.4
 88 20.5 0.0 41.2

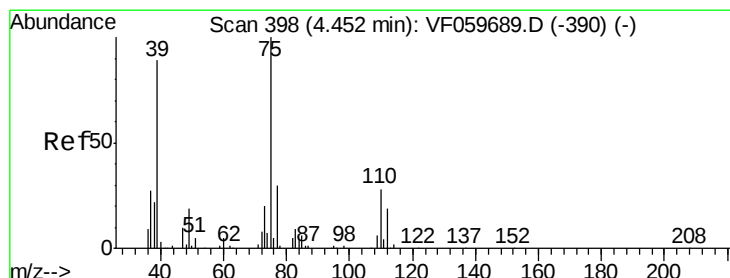
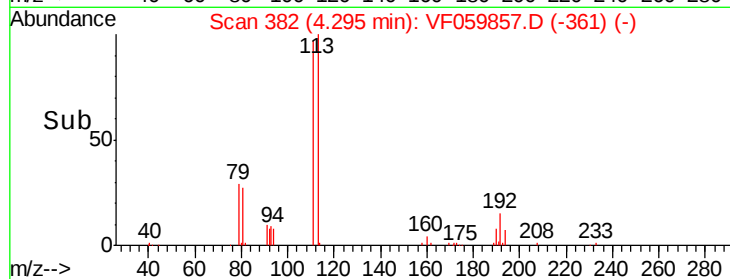
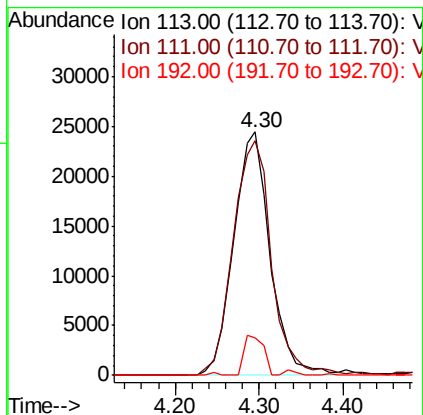
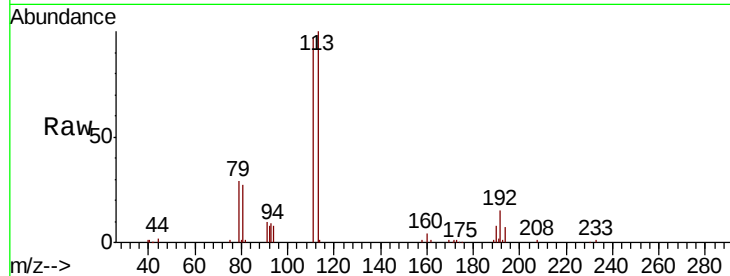




#35
 Dibromofluoromethane
 Concen: 40.37 ug/l
 RT: 4.30 min Scan# 382
 Delta R.T. 0.01 min
 Lab File: VF059857.D
 Acq: 3 Aug 2018 23:41

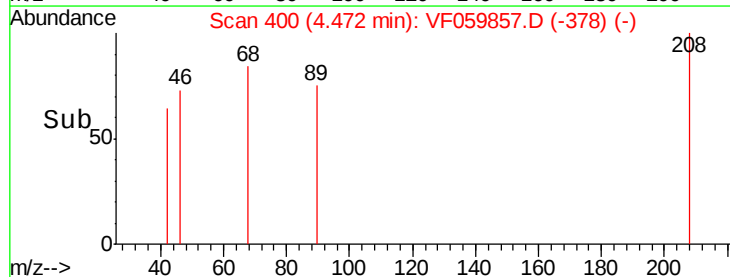
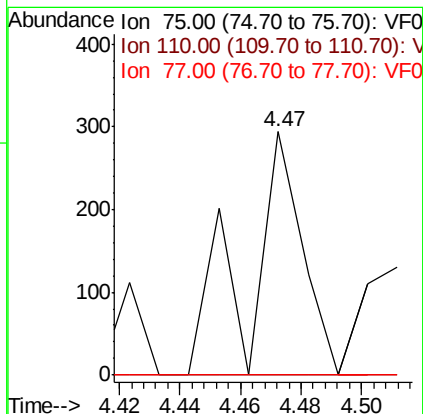
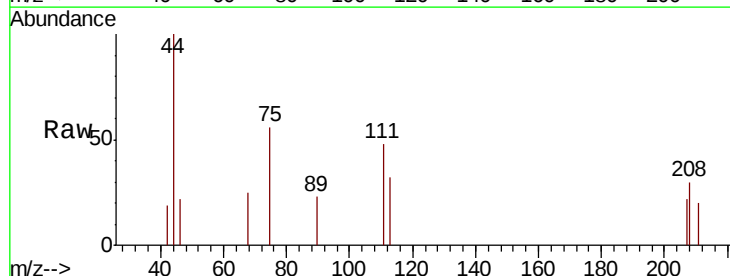
Instrument :
 MSVOA_F
 ClientSampleId :
 T40-CLAY-1

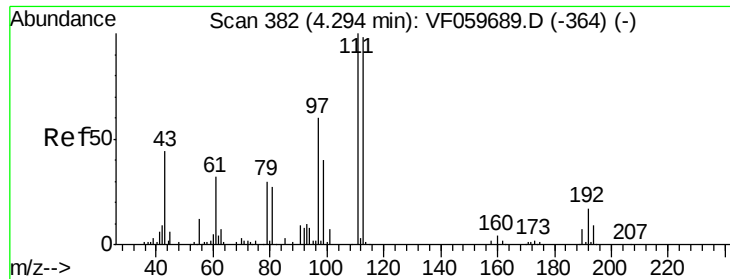
Tot Ion:113 Resp: 73831
 Ion Ratio Lower Upper
 113 100
 111 96.6 79.0 118.4
 192 15.4 13.2 19.8



#36
 1,1-Dichloropropene
 Concen: Below Cal
 RT: 4.47 min Scan# 400
 Delta R.T. 0.02 min
 Lab File: VF059857.D
 Acq: 3 Aug 2018 23:41

Tgt Ion: 75 Resp: 364
 Ion Ratio Lower Upper
 75 100
 110 85.0 14.0 41.9#
 77 0.0 24.2 36.2#

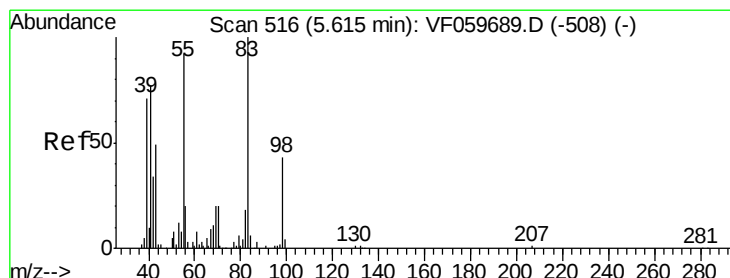
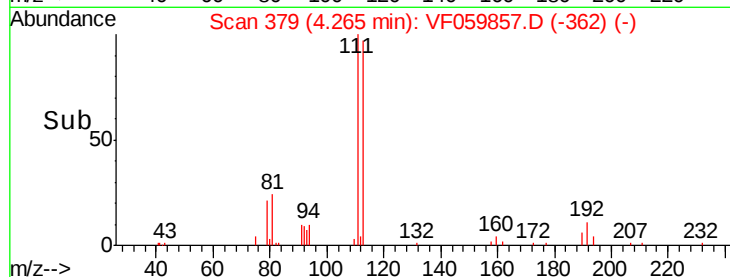
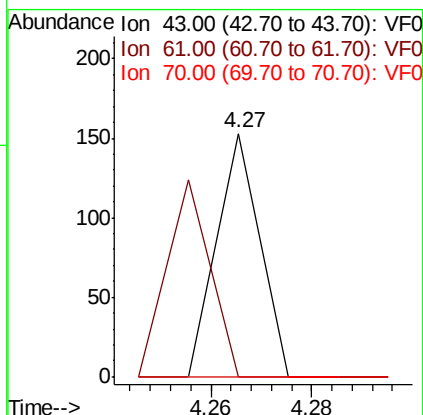
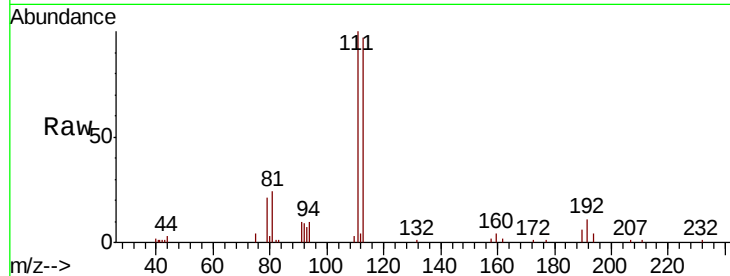




#37
Ethyl Acetate
Concen: Below Cal
RT: 4.27 min Scan# 379
Delta R.T. -0.03 min
Lab File: VF059857.D
Acq: 3 Aug 2018 23:41

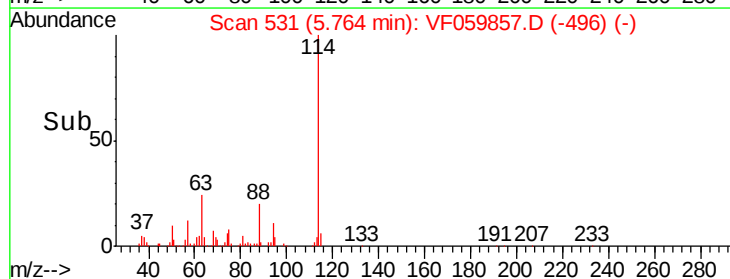
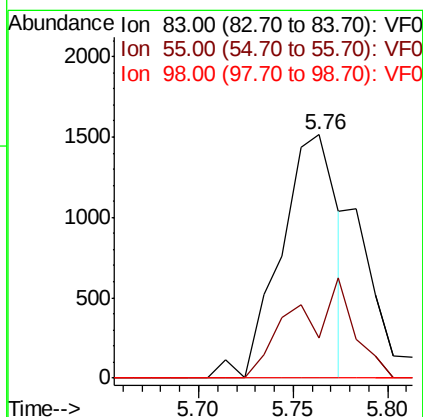
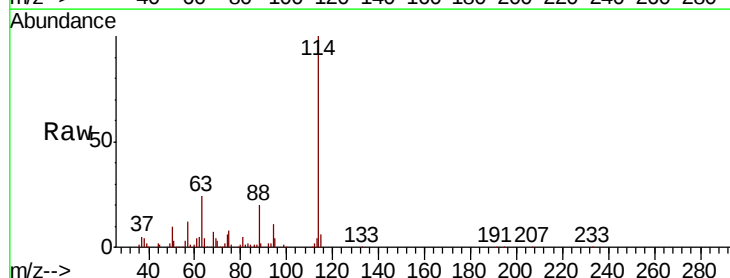
Instrument :
MSVOA_F
ClientSampleId :
T40-CLAY-1

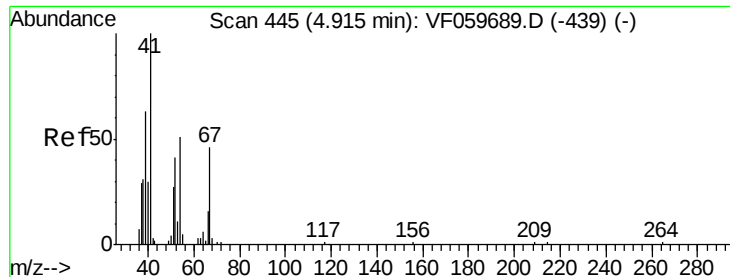
Tot Ion: 43 Resp: 90
Ion Ratio Lower Upper
43 100
61 0.0 58.2 87.2#
70 0.0 6.0 9.0#



#39
Methylcyclohexane
Concen: Below Cal
RT: 5.76 min Scan# 531
Delta R.T. 0.15 min
Lab File: VF059857.D
Acq: 3 Aug 2018 23:41

Tgt Ion: 83 Resp: 3184
Ion Ratio Lower Upper
83 100
55 16.7 73.4 110.2#
98 0.0 34.2 51.4#

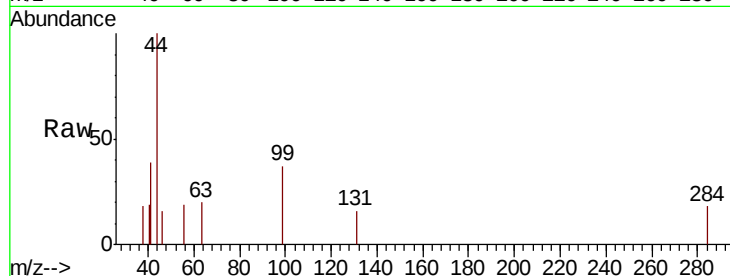




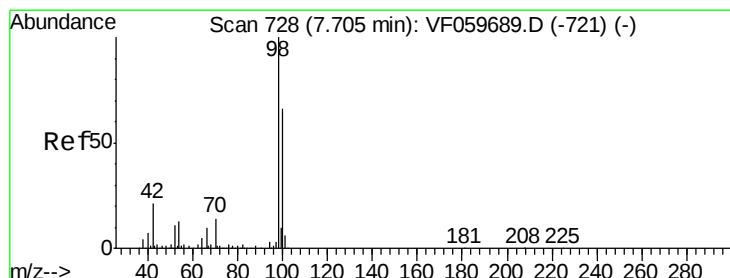
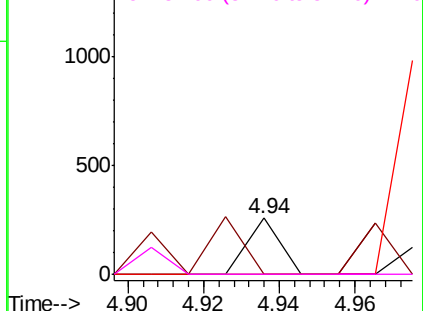
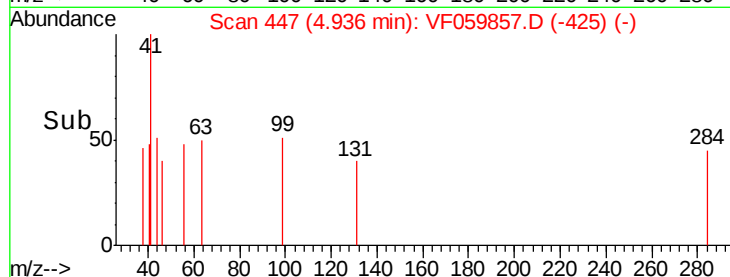
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.94 min Scan# 447
Delta R.T. 0.02 min
Lab File: VF059857.D
Acq: 3 Aug 2018 23:41

Instrument :
MSVOA_F
ClientSampled :
T40-CLAY-1

Tot Ion: 41 Resp: 152
Ion Ratio Lower Upper
41 100
39 0.0 55.2 82.8#
67 0.0 36.2 54.2#
52 0.0 37.7 56.5#

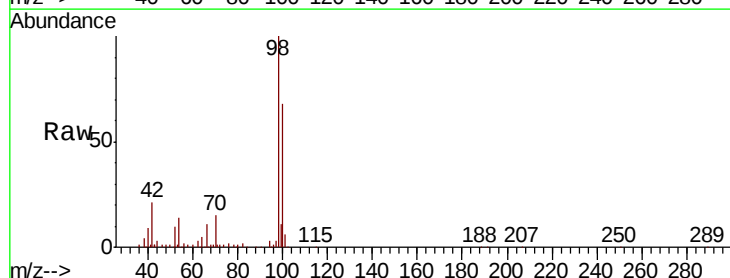


Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0
Ion 67.00 (66.70 to 67.70): VF0
Ion 52.00 (51.70 to 52.70): VF0

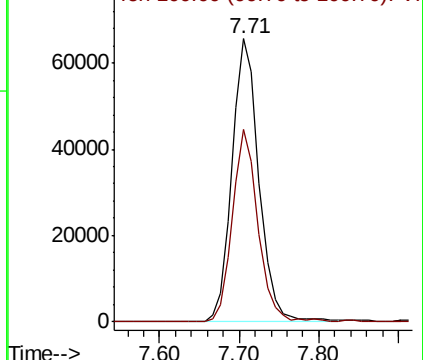
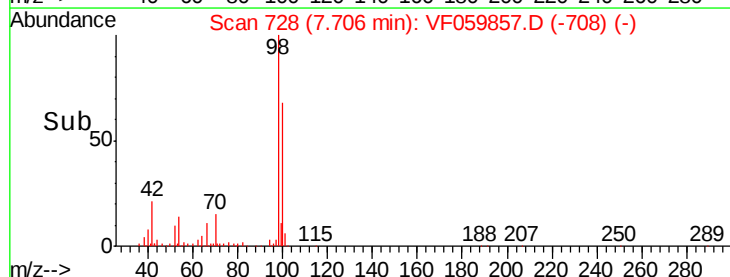


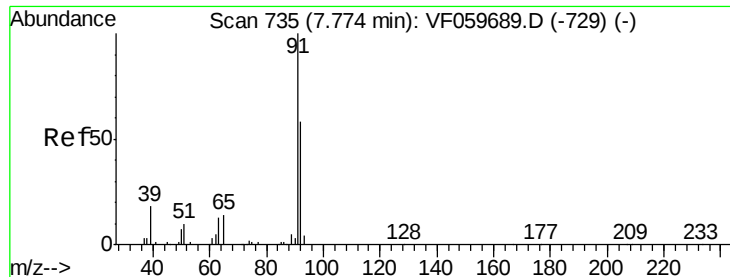
#50
Toluene-d8
Concen: 36.41 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059857.D
Acq: 3 Aug 2018 23:41

Tgt Ion: 98 Resp: 155282
Ion Ratio Lower Upper
98 100
100 68.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0





#52

Toluene

Concen: Below Cal

RT: 7.76 min Scan# 734

Delta R.T. -0.01 min

Lab File: VF059857.D

Acq: 3 Aug 2018 23:41

Instrument :

MSVOA_F

ClientSampled :

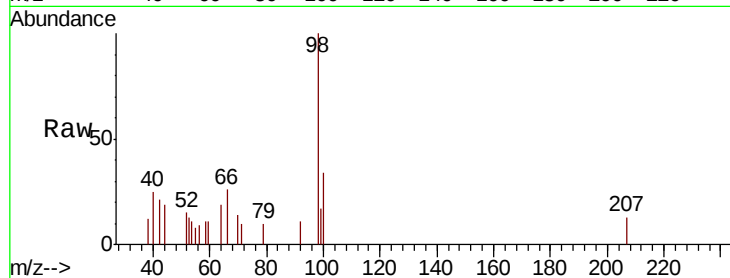
T40-CLAY-1

Tot Ion: 92 Resp: 154

Ion Ratio Lower Upper

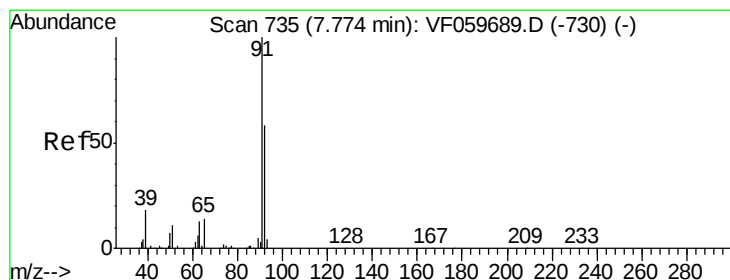
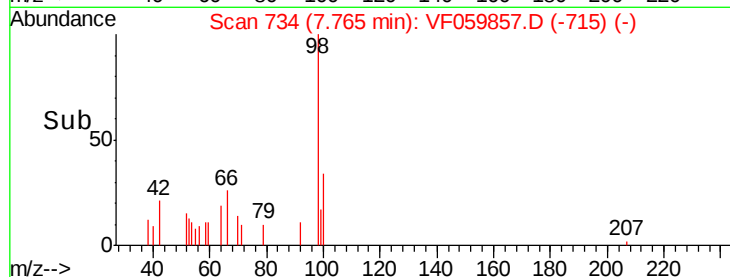
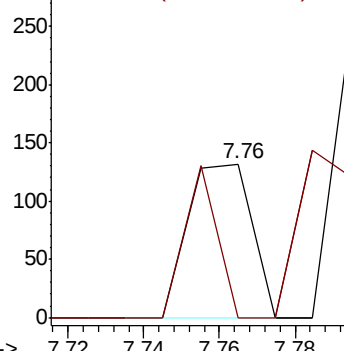
92 100

91 0.0 139.0 208.4#



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: 2.00 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.07 min

Lab File: VF059857.D

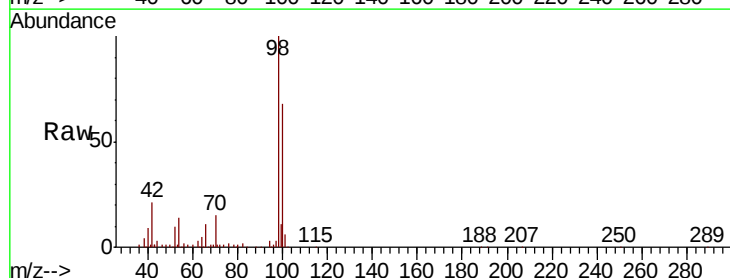
Acq: 3 Aug 2018 23:41

Tgt Ion: 63 Resp: 232

Ion Ratio Lower Upper

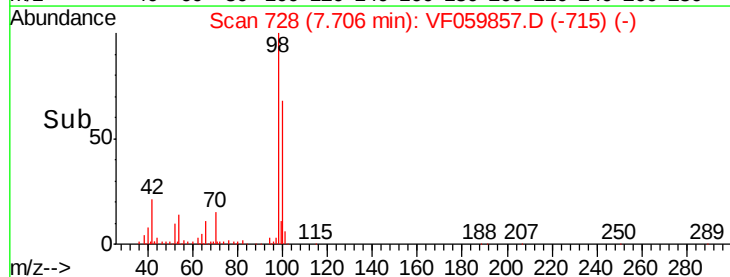
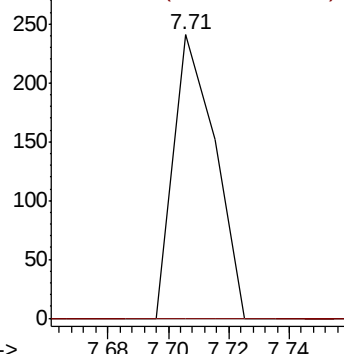
63 100

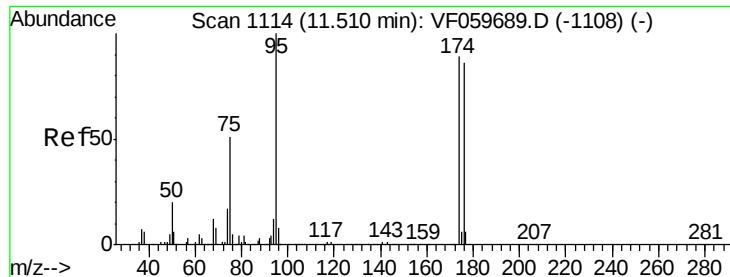
106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V





#62

4-Bromofluorobenzene

Concen: 33.23 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059857.D

Acq: 3 Aug 2018 23:41

Instrument :

MSVOA_F

ClientSampleId :

T40-CLAY-1

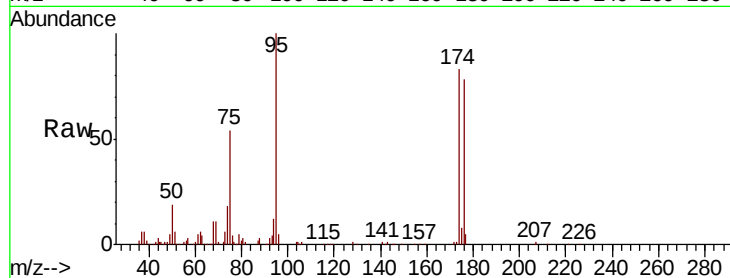
Tot Ion: 95 Resp: 78442

Ion Ratio Lower Upper

95 100

174 82.9 0.0 178.4

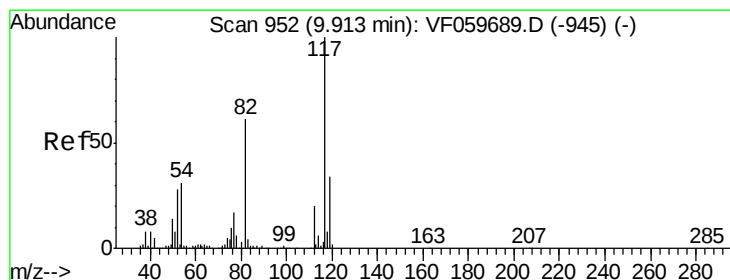
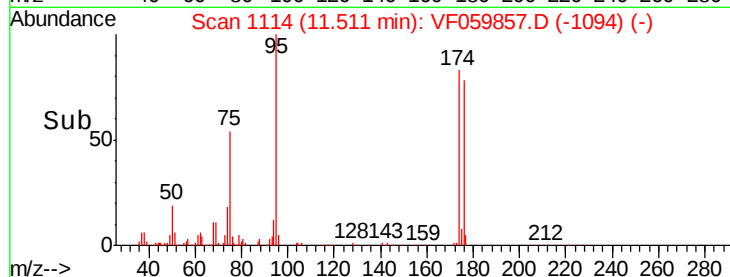
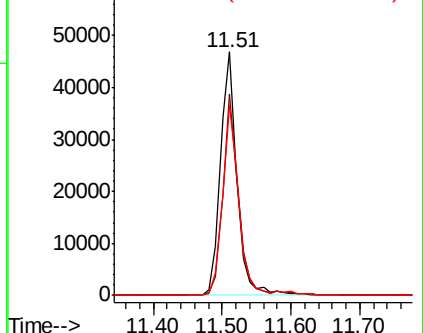
176 78.0 0.0 173.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.00 min

Lab File: VF059857.D

Acq: 3 Aug 2018 23:41

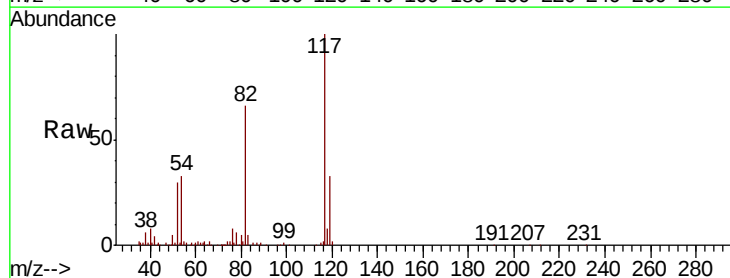
Tgt Ion: 117 Resp: 158267

Ion Ratio Lower Upper

117 100

82 65.5 49.0 73.4

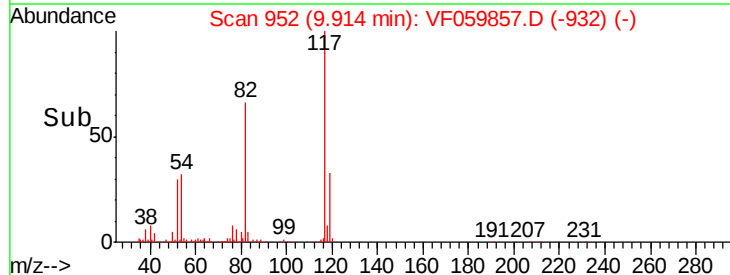
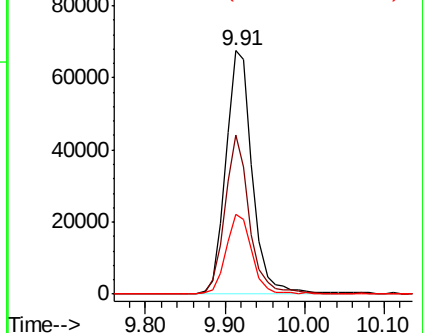
119 33.0 27.3 40.9

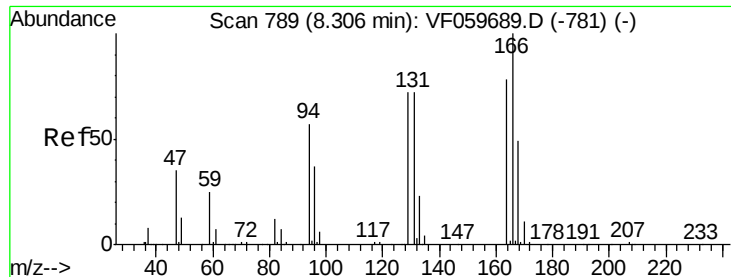


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#64

Tetrachloroethene

Concen: Below Cal

RT: 8.30 min Scan# 788

Delta R.T. -0.01 min

Lab File: VF059857.D

Acq: 3 Aug 2018 23:41

Instrument :

MSVOA_F

ClientSampleId :

T40-CLAY-1

Tot Ion:164 Resp: 64

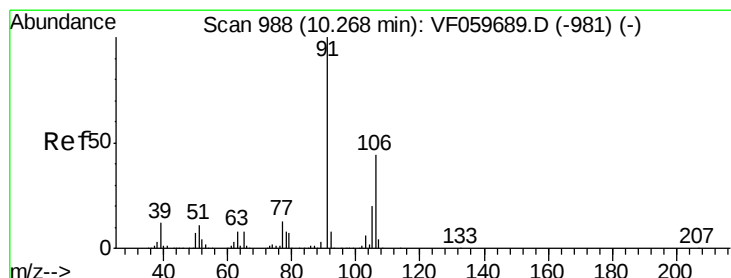
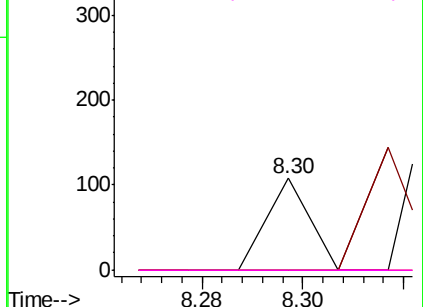
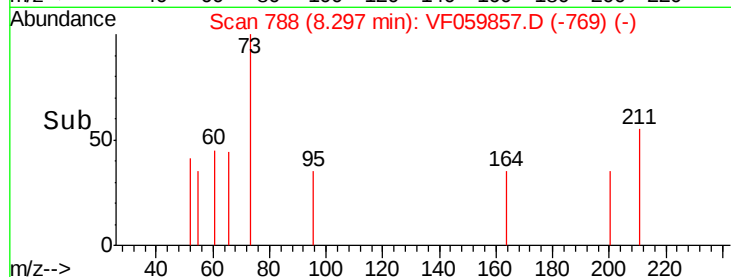
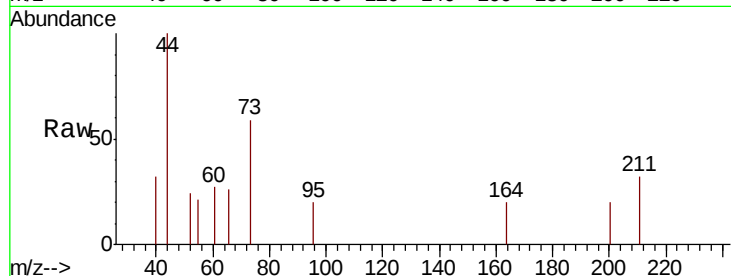
Ion Ratio Lower Upper

164 100

166 0.0 102.1 153.1#

129 0.0 73.8 110.6#

131 0.0 73.1 109.7#



#68

m/p-Xylenes

Concen: Below Cal

RT: 10.25 min Scan# 986

Delta R.T. -0.02 min

Lab File: VF059857.D

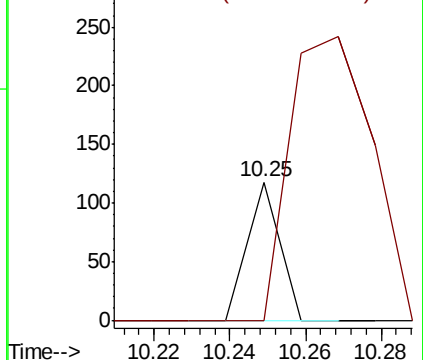
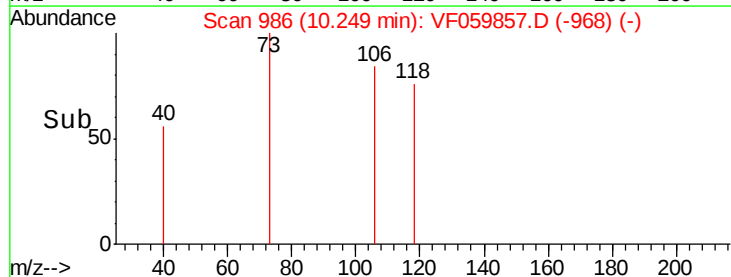
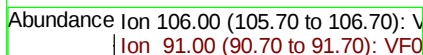
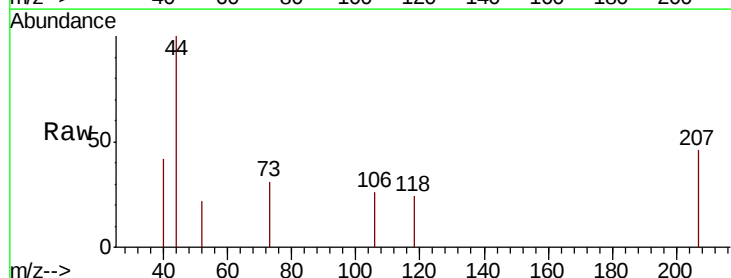
Acq: 3 Aug 2018 23:41

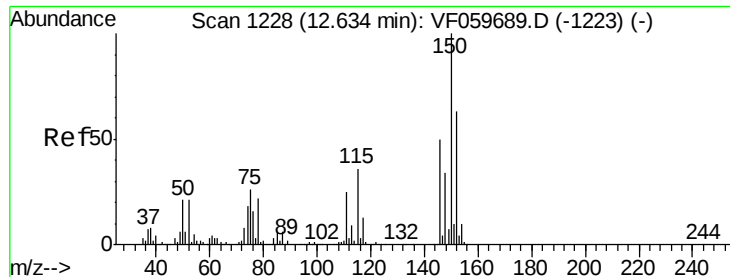
Tgt Ion:106 Resp: 70

Ion Ratio Lower Upper

106 100

91 0.0 181.7 272.5#



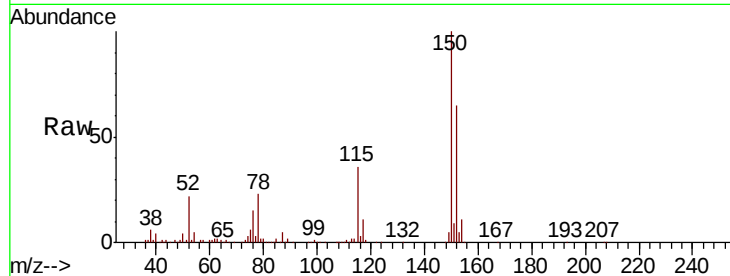


#72

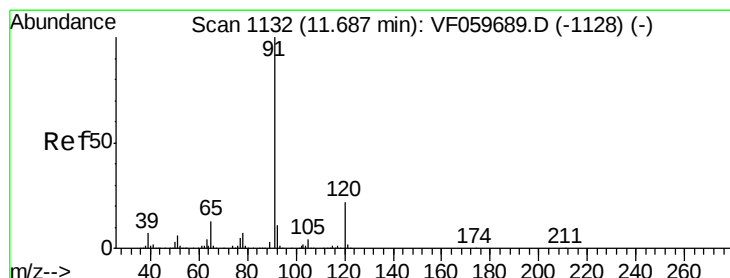
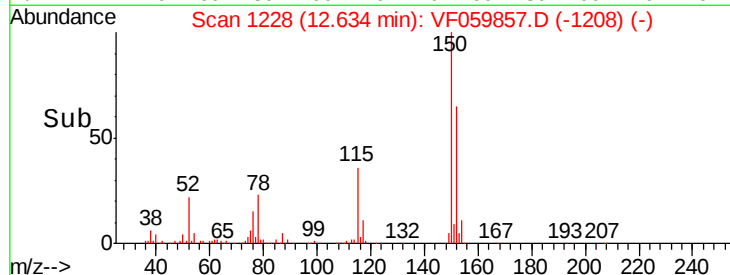
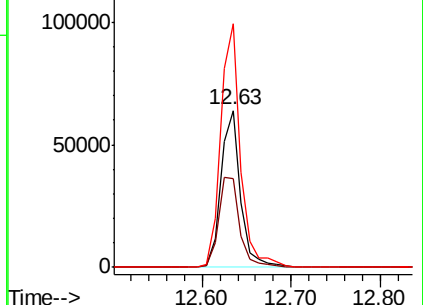
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059857.D
Acq: 3 Aug 2018 23:41

Instrument :
MSVOA_F
ClientSampleId :
T40-CLAY-1

Tot Ion:152 Resp: 99098
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.6
150 154.9 0.0 316.2



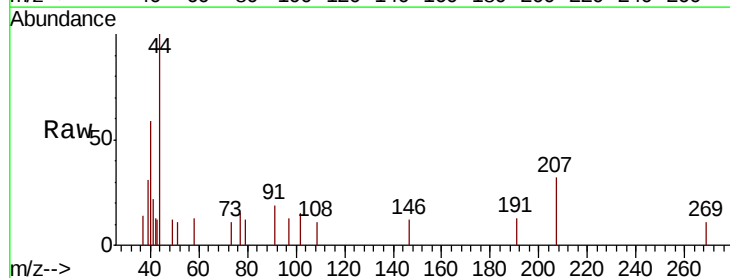
Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V



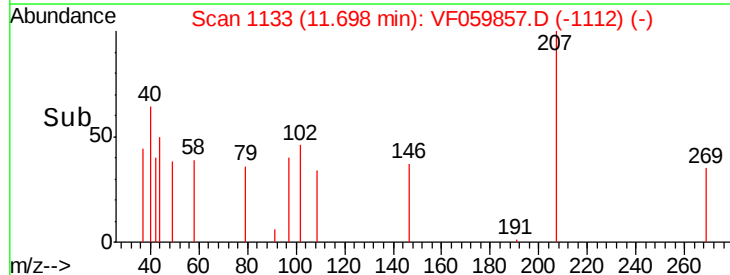
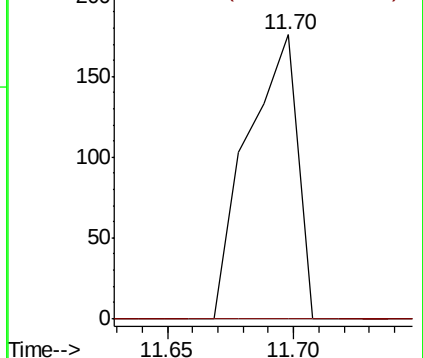
#78

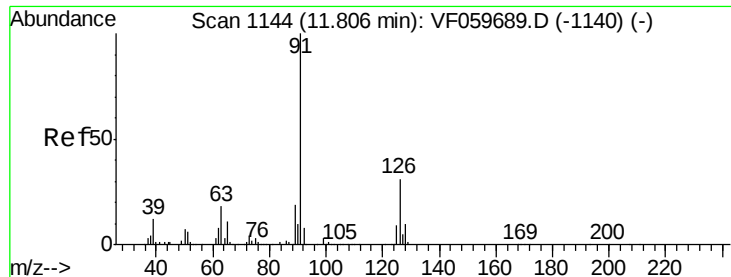
n-propylbenzene
Concen: Below Cal
RT: 11.70 min Scan# 1133
Delta R.T. 0.01 min
Lab File: VF059857.D
Acq: 3 Aug 2018 23:41

Tgt Ion: 91 Resp: 244
Ion Ratio Lower Upper
91 100
120 0.0 11.0 33.0#



Abundance Ion 91.00 (90.70 to 91.70): VF0
Ion 120.00 (119.70 to 120.70): V

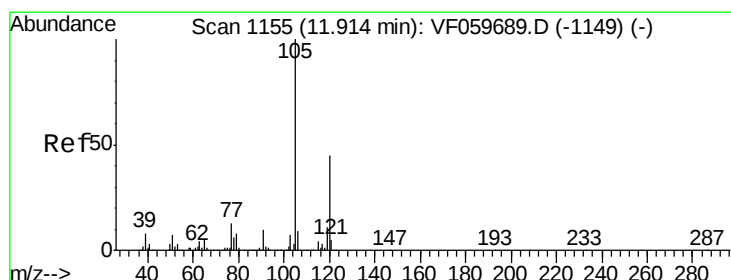
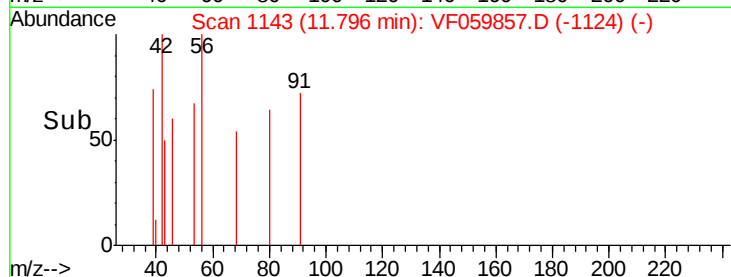
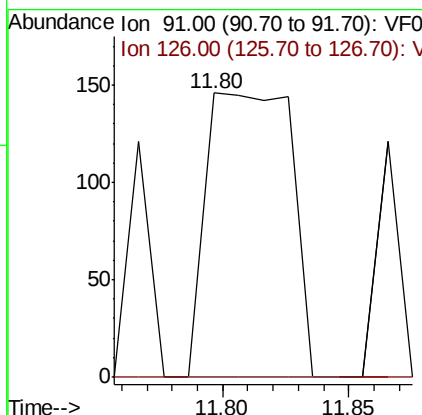
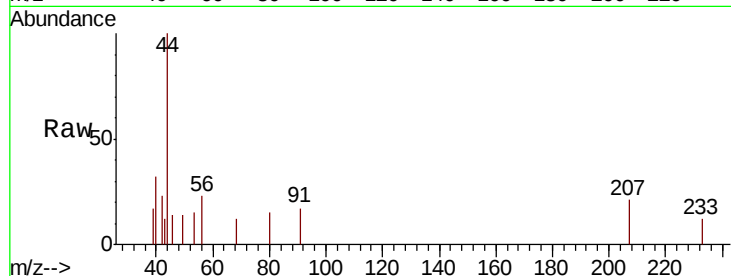




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 11.80 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VF059857.D
 Acq: 3 Aug 2018 23:41

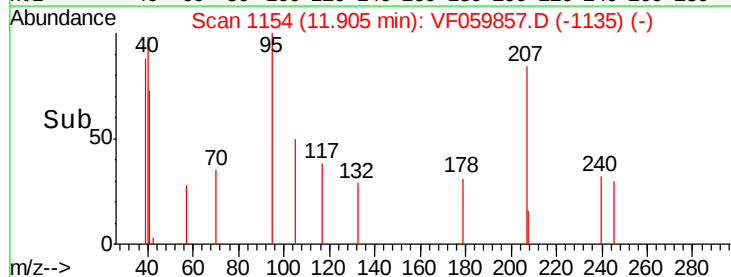
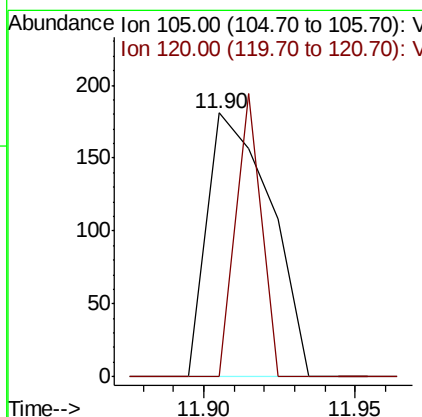
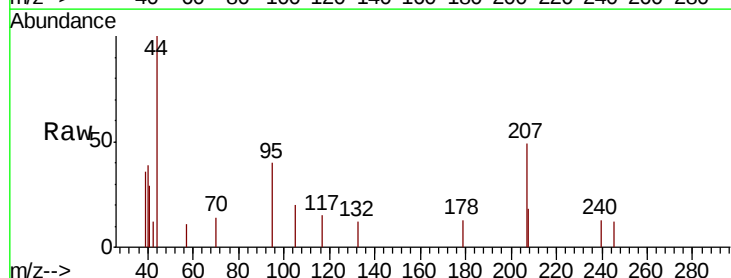
Instrument :
 MSVOA_F
 ClientSampled :
 T40-CLAY-1

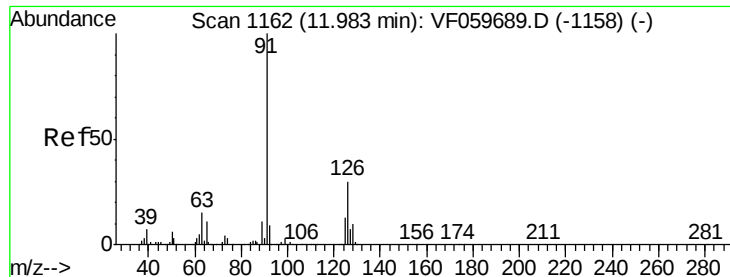
Tot Ion: 91 Resp: 341
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.4 46.2#



#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 11.90 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: VF059857.D
 Acq: 3 Aug 2018 23:41

Tgt Ion:105 Resp: 264
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.7 68.0#

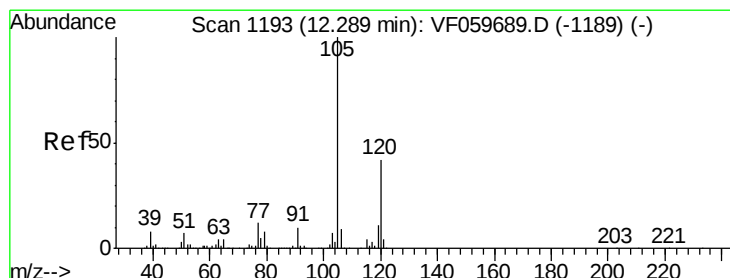
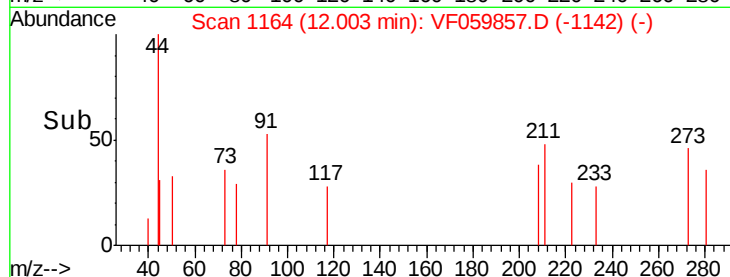
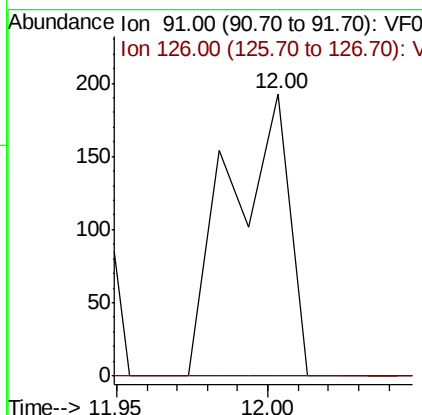
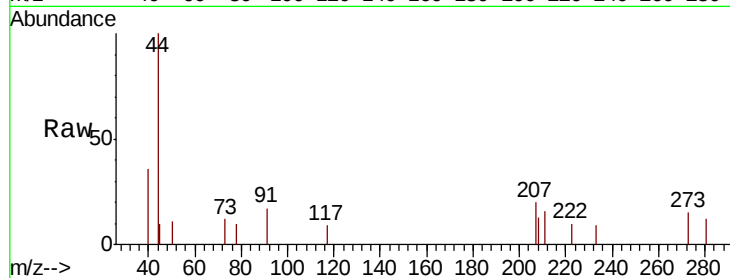




#82
4-Chlorotoluene
Concen: Below Cal
RT: 12.00 min Scan# 1164
Delta R.T. 0.02 min
Lab File: VF059857.D
Acq: 3 Aug 2018 23:41

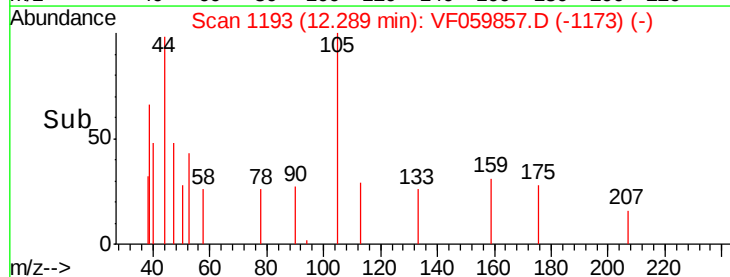
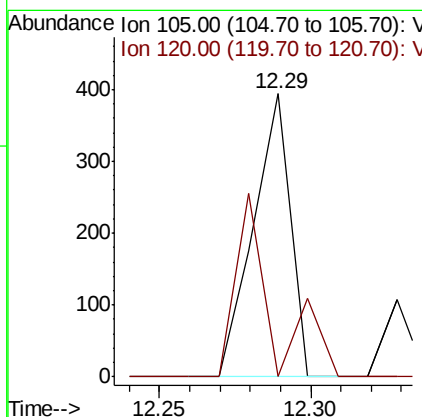
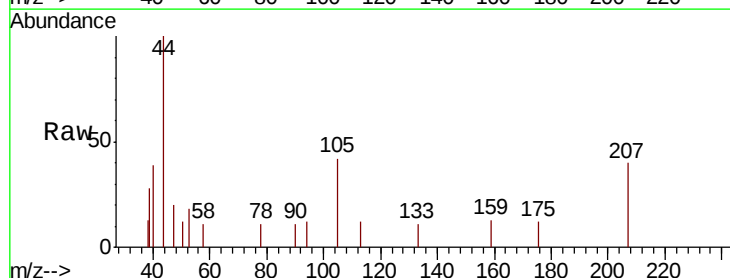
Instrument :
MSVOA_F
ClientSampleId :
T40-CLAY-1

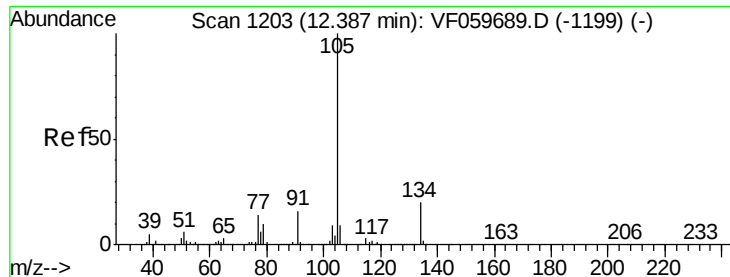
Tot Ion: 91 Resp: 266
Ion Ratio Lower Upper
91 100
126 0.0 15.2 45.6#



#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 12.29 min Scan# 1193
Delta R.T. 0.00 min
Lab File: VF059857.D
Acq: 3 Aug 2018 23:41

Tgt Ion: 105 Resp: 337
Ion Ratio Lower Upper
105 100
120 0.0 21.1 63.3#

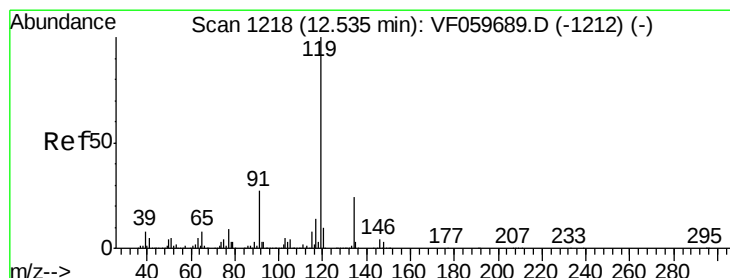
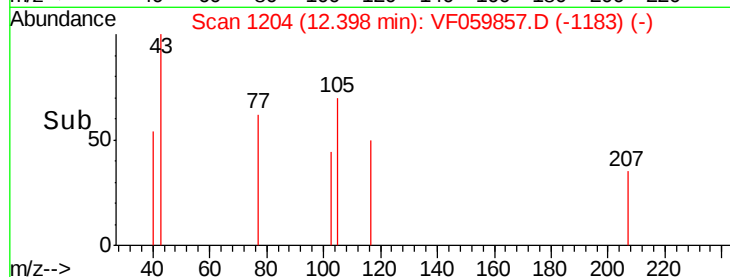
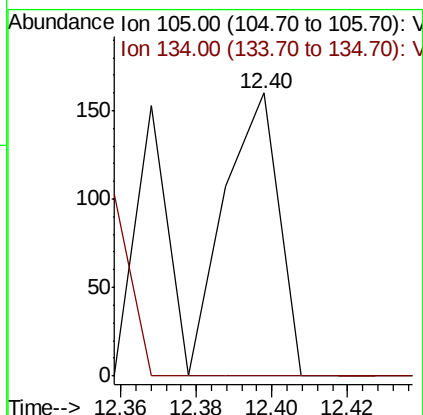
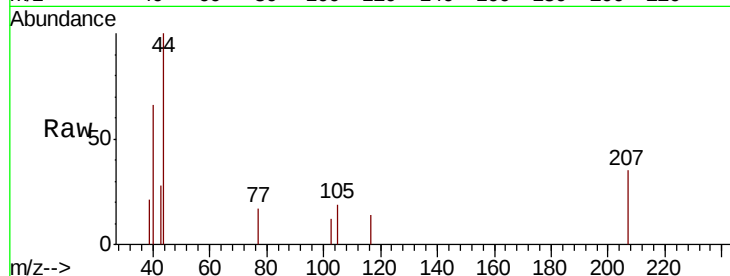




#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 12.40 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: VF059857.D
 Acq: 3 Aug 2018 23:41

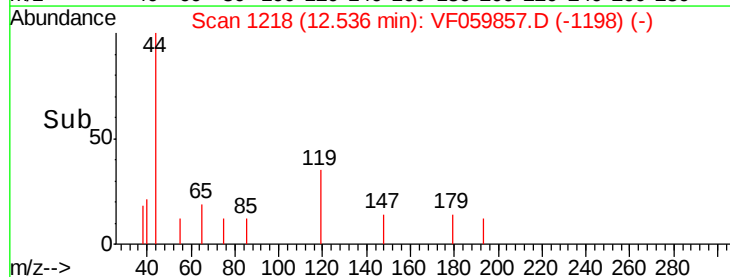
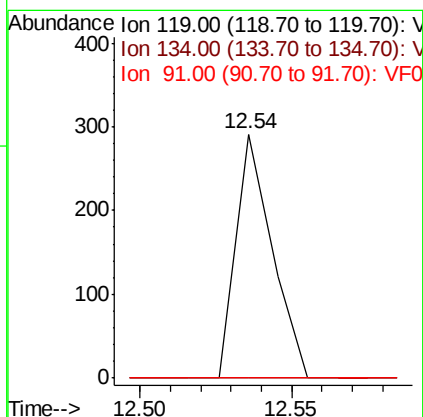
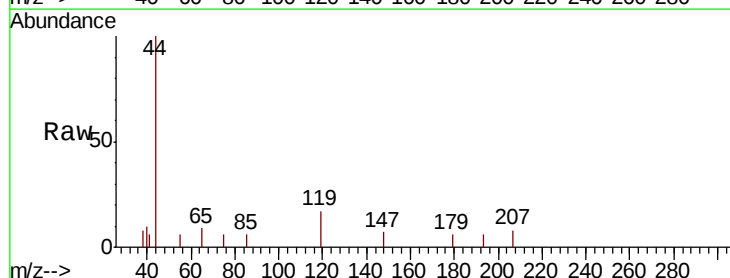
Instrument :
 MSVOA_F
 ClientSampleId :
 T40-CLAY-1

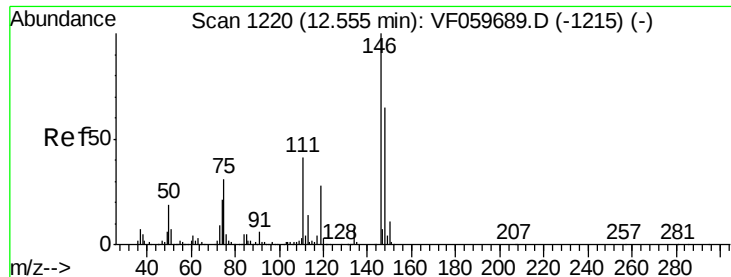
Tot Ion:105 Resp: 158
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: Below Cal
 RT: 12.54 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: VF059857.D
 Acq: 3 Aug 2018 23:41

Tgt Ion:119 Resp: 244
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.2 36.6#
 91 0.0 13.4 40.2#

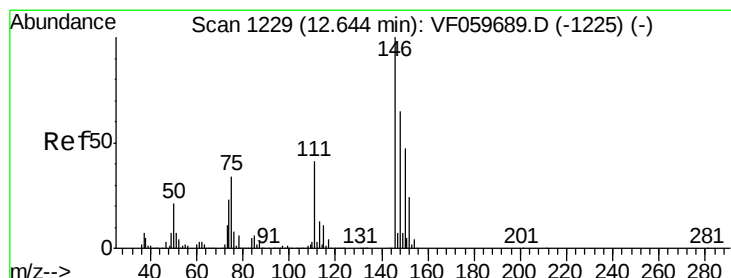
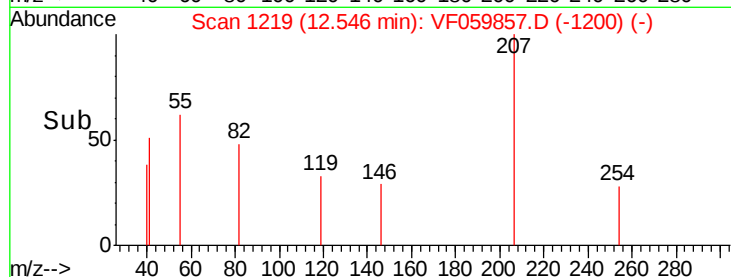
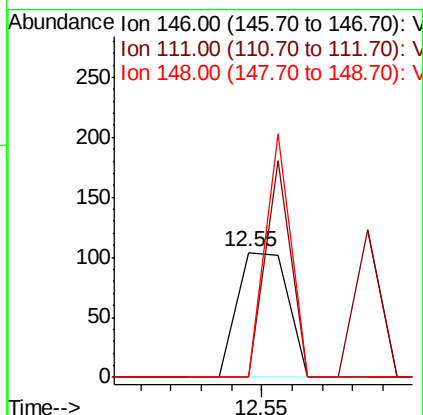
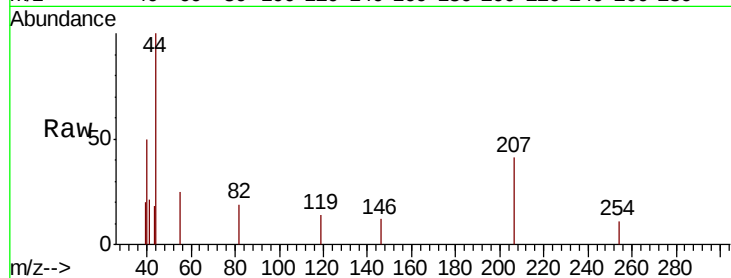




#87
 1,3-Dichlorobenzene
 Concen: Below Cal
 RT: 12.55 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: VF059857.D
 Acq: 3 Aug 2018 23:41

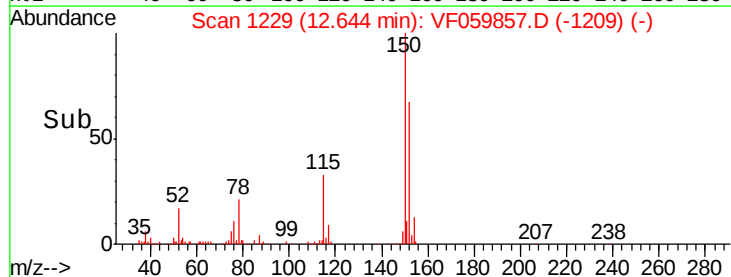
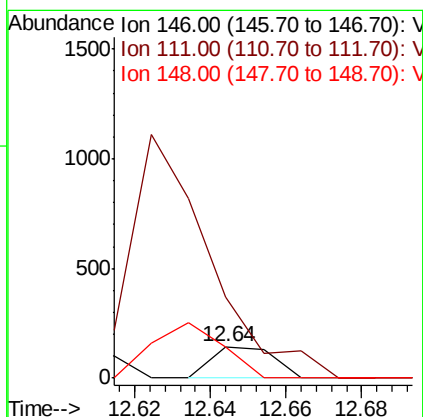
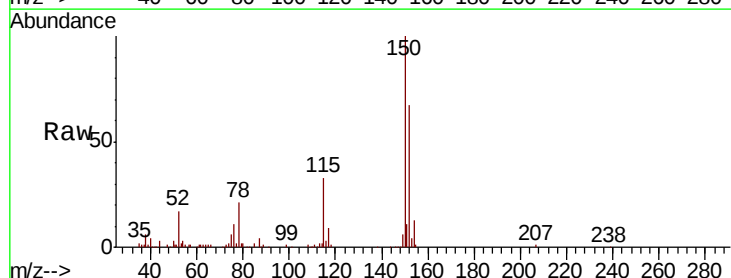
Instrument :
 MSVOA_F
 ClientSampled :
 T40-CLAY-1

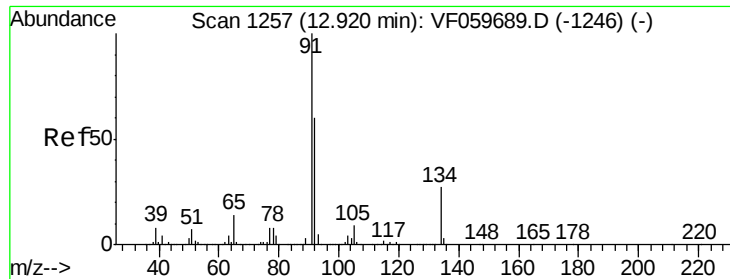
Tot Ion:146 Resp: 122
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.7 62.1#
 148 0.0 32.3 96.8#



#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 12.64 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VF059857.D
 Acq: 3 Aug 2018 23:41

Tgt Ion:146 Resp: 161
 Ion Ratio Lower Upper
 146 100
 111 254.5 20.8 62.2#
 148 98.6 32.3 96.9#

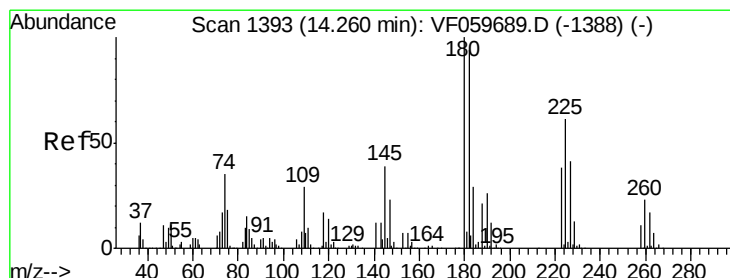
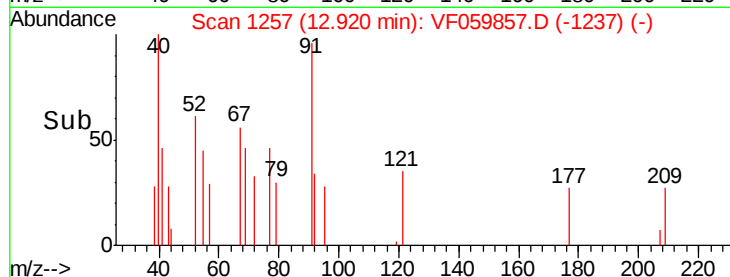
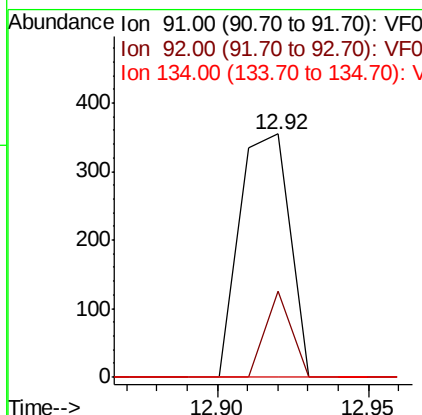
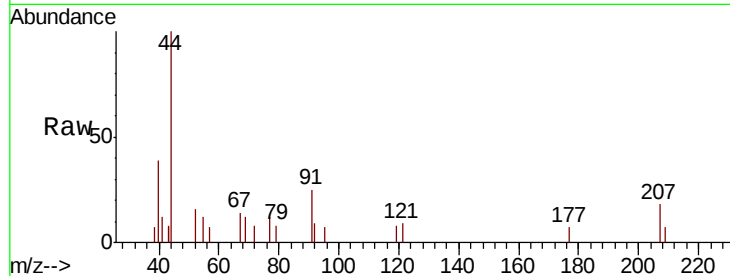




#89
n-Butylbenzene
Concen: Below Cal
RT: 12.92 min Scan# 1257
Delta R.T. 0.00 min
Lab File: VF059857.D
Acq: 3 Aug 2018 23:41

Instrument :
MSVOA_F
ClientSampled :
T40-CLAY-1

Tot Ion: 91 Resp: 408
Ion Ratio Lower Upper
91 100
92 35.5 30.1 90.3
134 0.0 13.7 41.0#



#93
1,2,4-Trichlorobenzene
Concen: Below Cal
RT: 14.26 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VF059857.D
Acq: 3 Aug 2018 23:41

Tgt Ion: 180 Resp: 163
Ion Ratio Lower Upper
180 100
182 146.2 47.2 141.6#
145 0.0 19.3 57.9#

