

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080318\
 Data File : VF059856.D
 Acq On : 3 Aug 2018 23:14
 Operator : VA/AP
 Sample : J4316-01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 T40-STONE-1

Quant Time: Aug 04 03:20:19 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	196752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	309014	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	233535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	90264	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	158040	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
35) Dibromofluoromethane	4.29	113	131614	41.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.02%	
50) Toluene-d8	7.71	98	216300	28.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.80%	
62) 4-Bromofluorobenzene	11.51	95	90280	21.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.58%	

Target Compounds			Qvalue				
2) Dichlorodifluoromethane	1.01	85	97	Below Cal	#	44	
3) Chloromethane	1.10	50	998	Below Cal	#	38	
4) Vinyl Chloride	1.15	62	66	Below Cal	#	47	
5) Bromomethane	1.40	94	151	Below Cal		92	
6) Chloroethane	1.49	64	157	Below Cal	#	35	
10) Methyl Iodide	1.96	142	83	Below Cal	#	20	
13) Acrolein	2.18	56	419	21.31	ug/l	97	
16) Acetone	2.34	43	4693	7.38	ug/l	#	68
17) Carbon Disulfide	1.82	76	295	Below Cal	#	1	
20) Methylene Chloride	2.29	84	5580	Below Cal	#	52	
21) trans-1,2-Dichloroethene	2.42	96	69	Below Cal	#	1	
28) Bromochloromethane	3.88	49	79	Below Cal	#	15	
31) Cyclohexane	3.80	56	60	Below Cal	#	15	
36) 1,1-Dichloropropene	4.44	75	277	Below Cal	#	46	
37) Ethyl Acetate	4.28	43	237	Below Cal	#	19	
39) Methylcyclohexane	5.75	83	4408	Below Cal	#	36	
41) Methacrylonitrile	4.85	41	91	Below Cal	#	49	
44) Trichloroethene	5.80	130	71	Below Cal	#	1	
49) 1,4-Dioxane	6.70	88	84	Below Cal	#	21	
52) Toluene	7.76	92	444	Below Cal	#	28	
68) m/p-Xylenes	10.42	106	85	Below Cal	#	1	
78) n-propylbenzene	11.68	91	101	Below Cal	#	54	
79) 2-Chlorotoluene	11.80	91	254	Below Cal	#	44	
80) 1,3,5-Trimethylbenzene	11.92	105	189	Below Cal	#	31	
82) 4-Chlorotoluene	11.99	91	95	Below Cal	#	44	
84) 1,2,4-Trimethylbenzene	12.28	105	87	Below Cal	#	33	
85) sec-Butylbenzene	12.28	105	87	Below Cal	#	57	
86) p-Isopropyltoluene	12.53	119	78	Below Cal	#	25	
87) 1,3-Dichlorobenzene	12.56	146	85	Below Cal	#	24	
88) 1,4-Dichlorobenzene	12.64	146	244	Below Cal	#	1	
89) n-Butylbenzene	12.92	91	178	Below Cal	#	29	
91) 1,2-Dichlorobenzene	13.01	146	64	Below Cal	#	24	
93) 1,2,4-Trichlorobenzene	14.28	180	163	Below Cal	#	12	

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Instrument :
MSVOA_F
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T40-STONE-1

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Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration

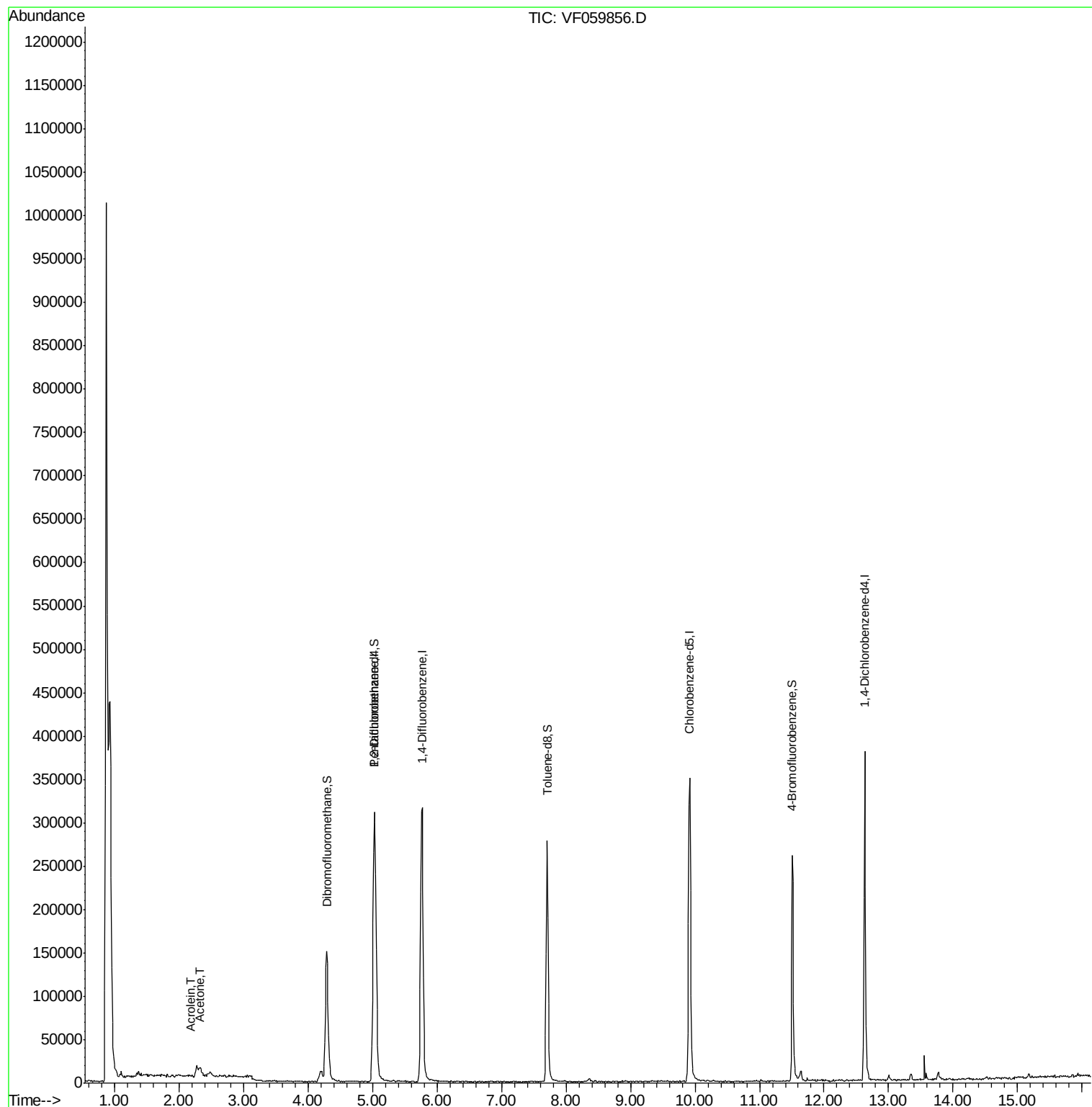
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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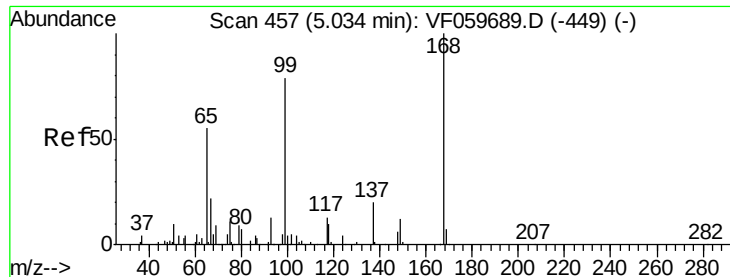
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF059856.D

Acq: 3 Aug 2018 23:14

Instrument :

MSVOA_F

ClientSampleId :

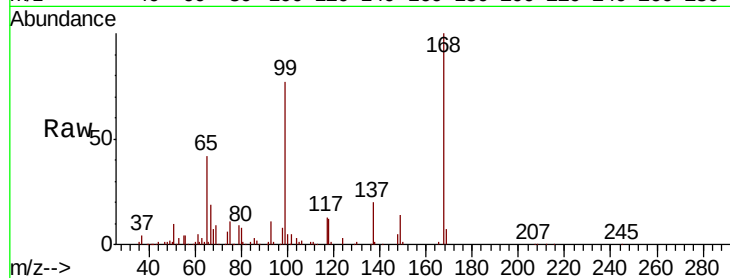
T40-STONE-1

Tot Ion:168 Resp: 196752

Ion Ratio Lower Upper

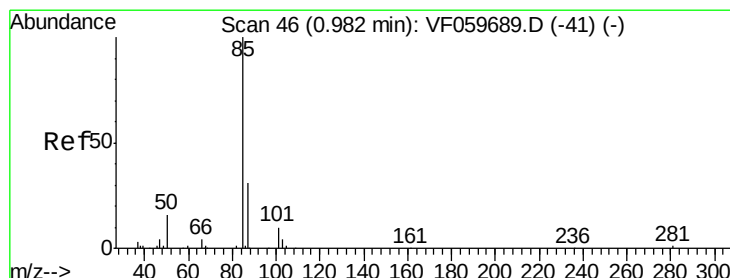
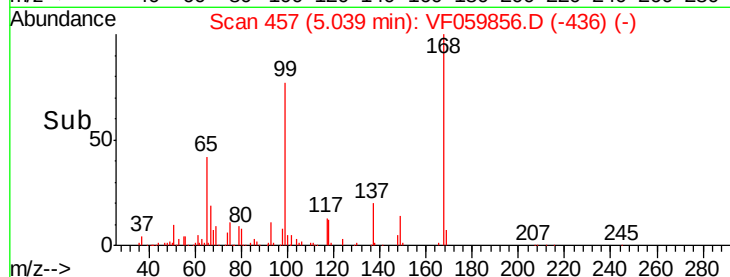
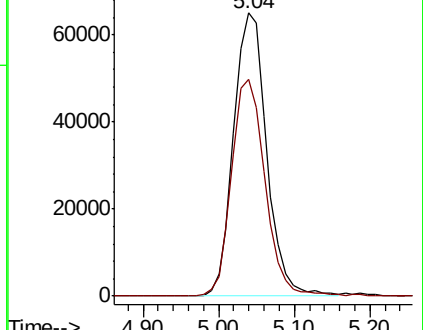
168 100

99 76.5 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.01 min Scan# 48

Delta R.T. 0.03 min

Lab File: VF059856.D

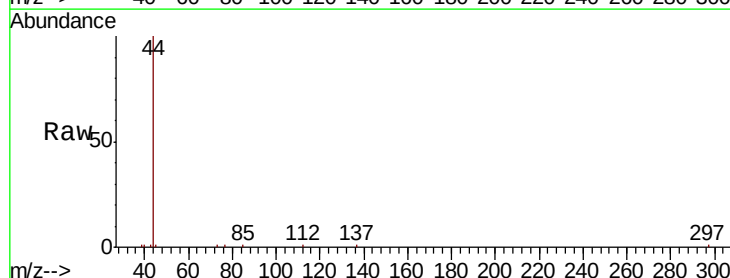
Acq: 3 Aug 2018 23:14

Tgt Ion: 85 Resp: 97

Ion Ratio Lower Upper

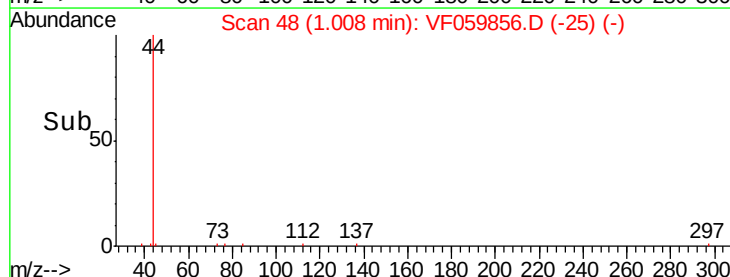
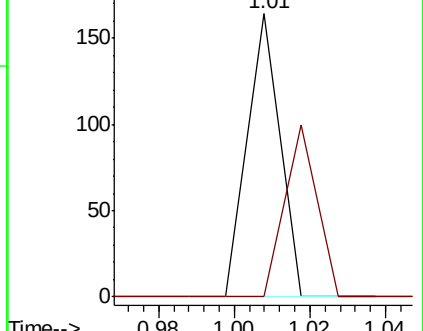
85 100

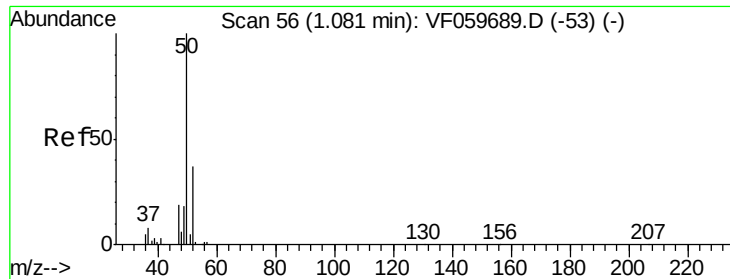
87 0.0 15.3 45.8#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: Below Cal

RT: 1.10 min Scan# 57

Delta R.T. 0.02 min

Lab File: VF059856.D

Acq: 3 Aug 2018 23:14

Instrument :

MSVOA_F

ClientSampleId :

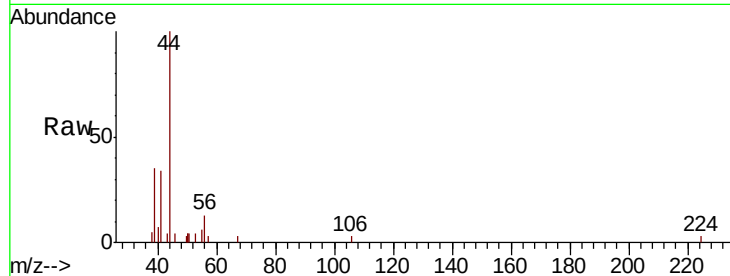
T40-STONE-1

Tot Ion: 50 Resp: 998

Ion Ratio Lower Upper

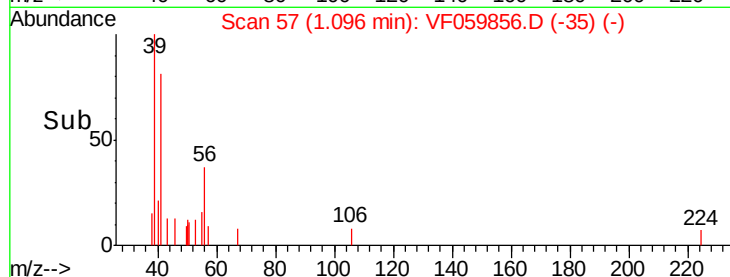
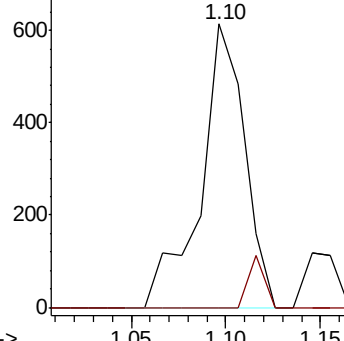
50 100

52 0.0 29.1 43.7#

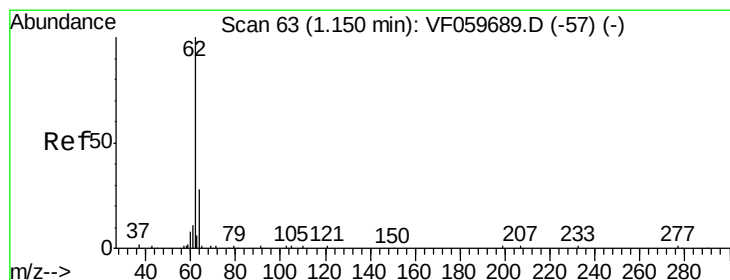


Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



Time-->



#4

Vinyl Chloride

Concen: Below Cal

RT: 1.15 min Scan# 62

Delta R.T. -0.00 min

Lab File: VF059856.D

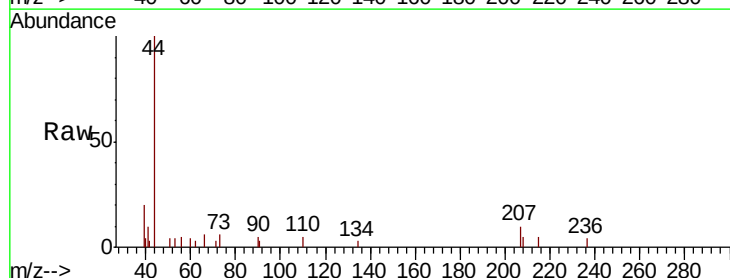
Acq: 3 Aug 2018 23:14

Tgt Ion: 62 Resp: 66

Ion Ratio Lower Upper

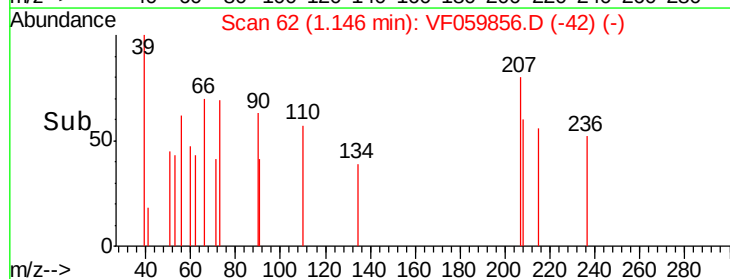
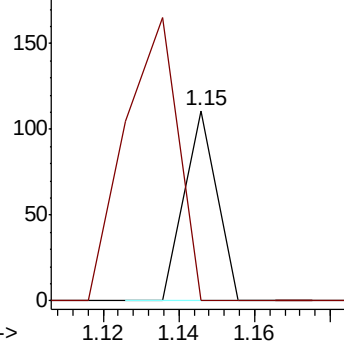
62 100

64 0.0 22.6 33.8#

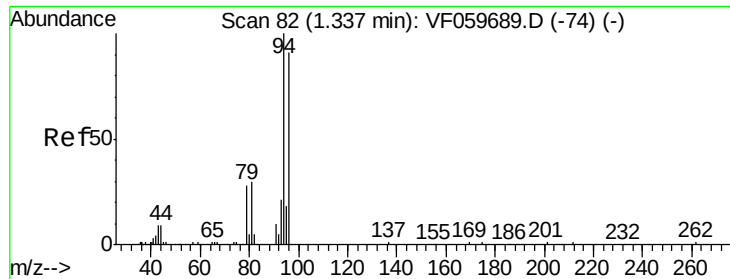


Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0



Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.40 min Scan# 88

Delta R.T. 0.06 min

Lab File: VF059856.D

Acq: 3 Aug 2018 23:14

Instrument :

MSVOA_F

ClientSampleId :

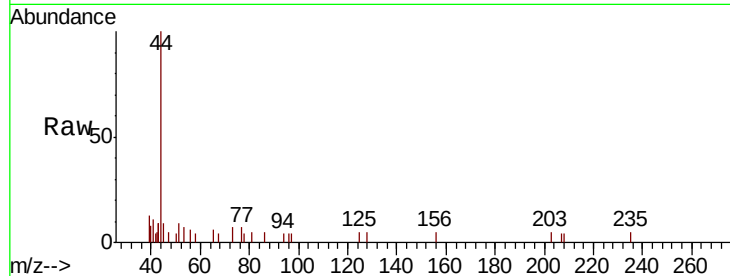
T40-STONE-1

Tot Ion: 94 Resp: 151

Ion Ratio Lower Upper

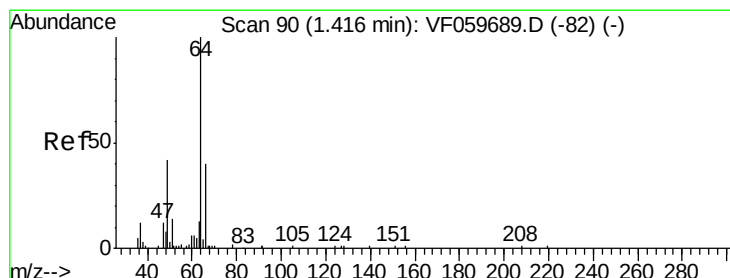
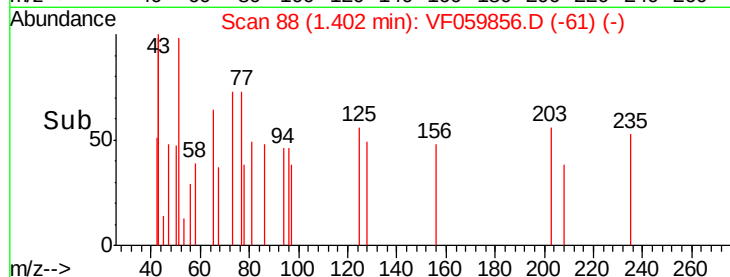
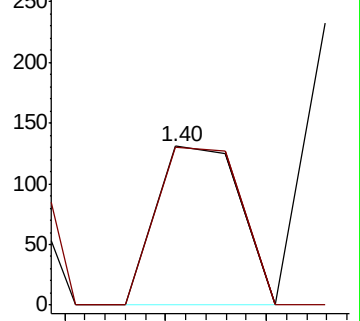
94 100

96 99.2 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: 1.49 min Scan# 97

Delta R.T. 0.07 min

Lab File: VF059856.D

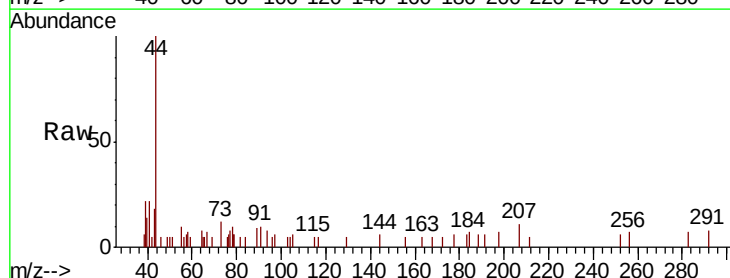
Acq: 3 Aug 2018 23:14

Tgt Ion: 64 Resp: 157

Ion Ratio Lower Upper

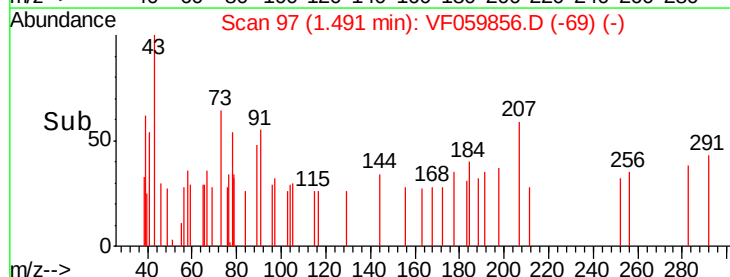
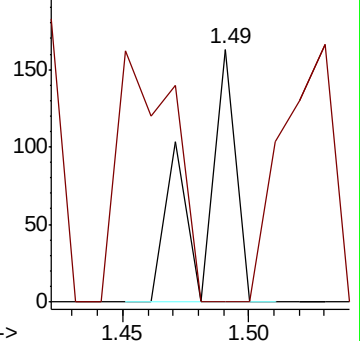
64 100

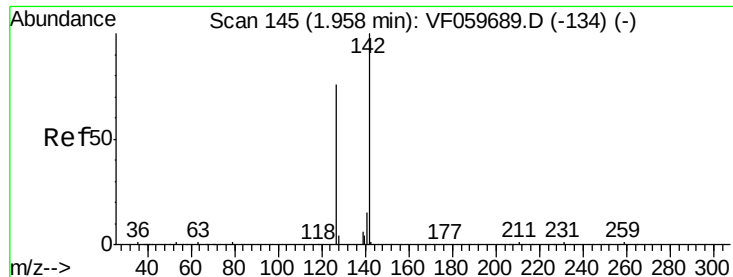
66 0.0 32.6 49.0#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0

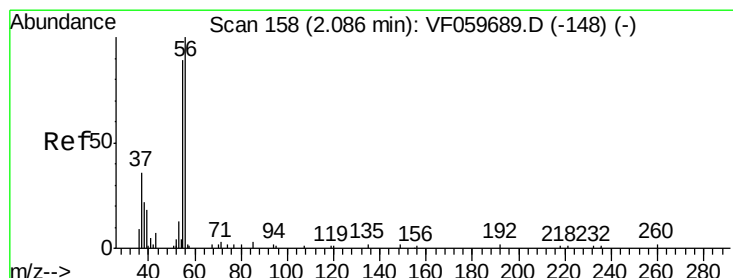
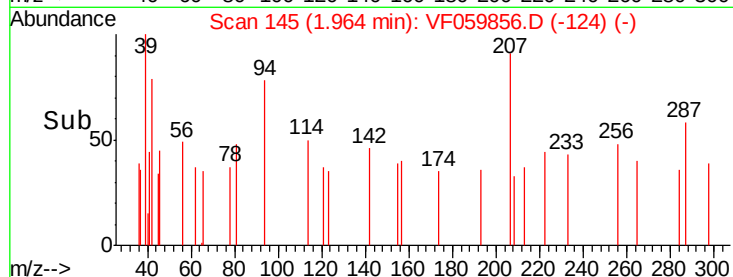
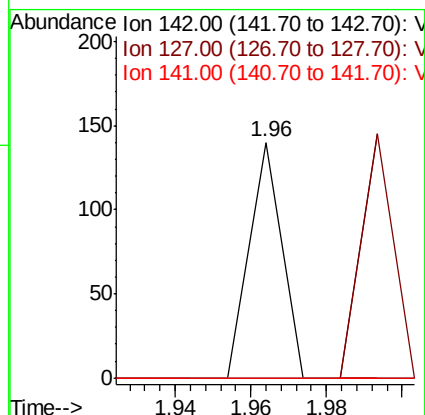
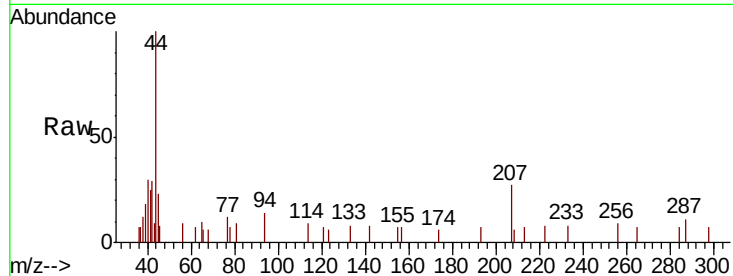




#10
Methvl Iodide
Concen: Below Cal
RT: 1.96 min Scan# 145
Delta R.T. 0.01 min
Lab File: VF059856.D
Acq: 3 Aug 2018 23:14

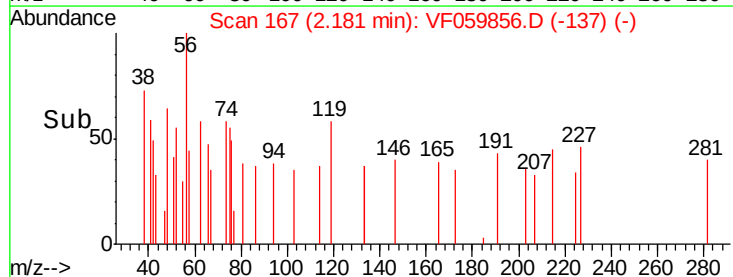
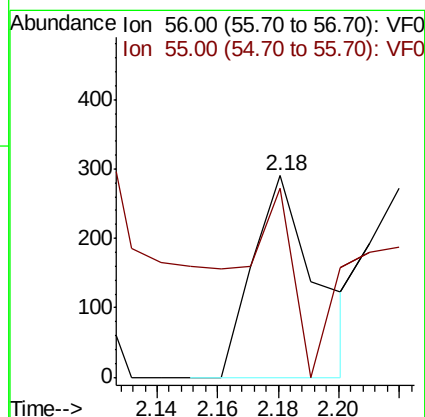
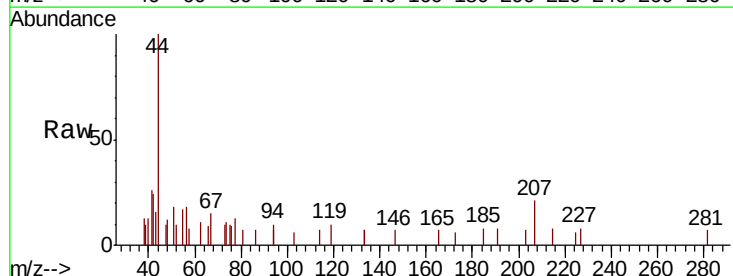
Instrument :
MSVOA_F
ClientSampleId :
T40-STONE-1

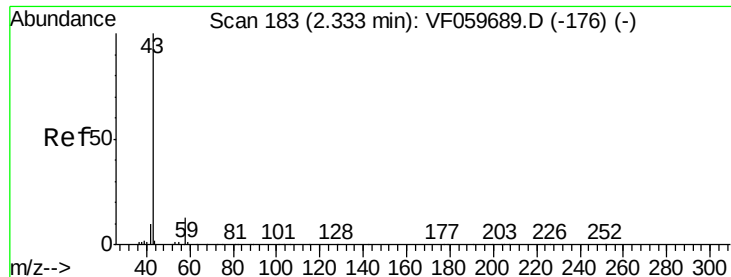
Tot Ion:142 Resp: 83
Ion Ratio Lower Upper
142 100
127 0.0 60.6 91.0#
141 0.0 12.0 18.0#



#13
Acrolein
Concen: 21.31 ug/l
RT: 2.18 min Scan# 167
Delta R.T. 0.09 min
Lab File: VF059856.D
Acq: 3 Aug 2018 23:14

Tgt Ion: 56 Resp: 419
Ion Ratio Lower Upper
56 100
55 94.1 73.2 109.8

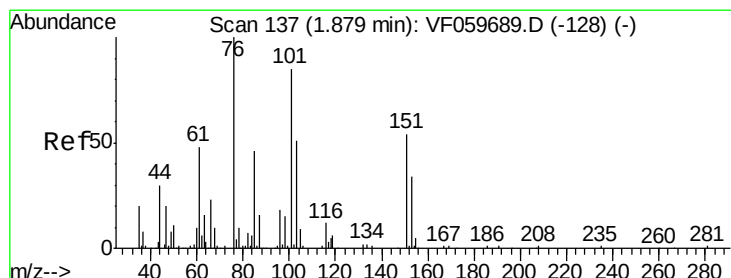
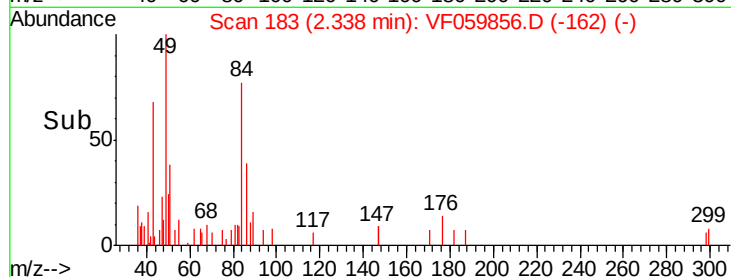
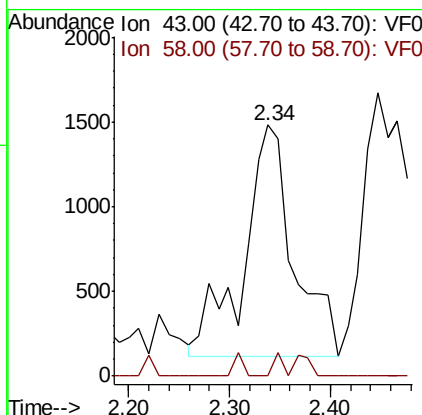
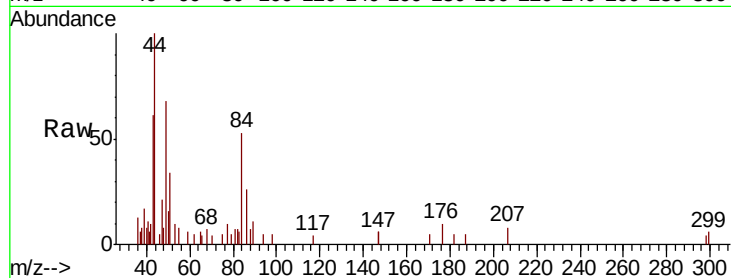




#16
Acetone
Concen: 7.38 ua/l
RT: 2.34 min Scan# 183
Delta R.T. 0.01 min
Lab File: VF059856.D
Acq: 3 Aug 2018 23:14

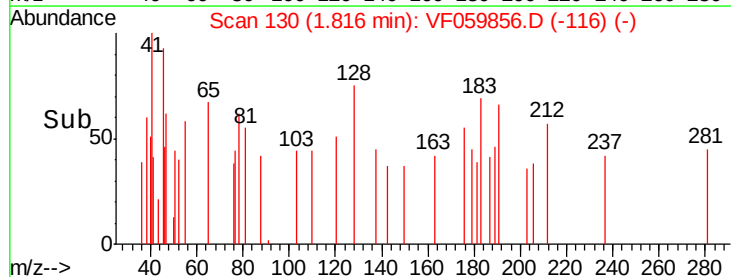
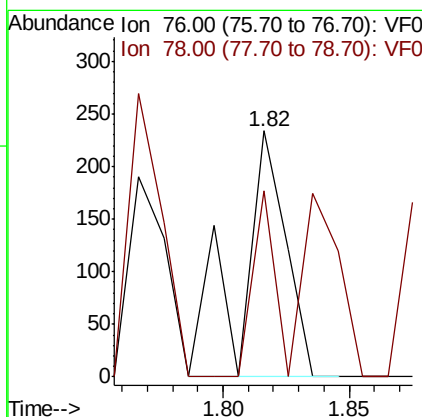
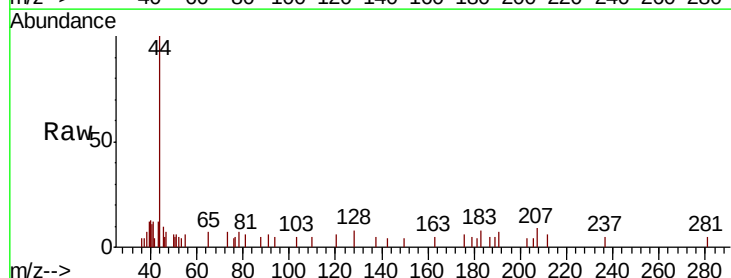
Instrument :
MSVOA_F
ClientSampleId :
T40-STONE-1

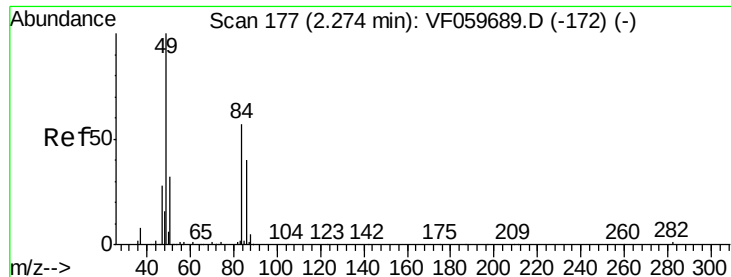
Tot Ion: 43 Resp: 4693
Ion Ratio Lower Upper
43 100
58 0.0 10.1 15.1#



#17
Carbon Disulfide
Concen: Below Cal
RT: 1.82 min Scan# 130
Delta R.T. -0.06 min
Lab File: VF059856.D
Acq: 3 Aug 2018 23:14

Tgt Ion: 76 Resp: 295
Ion Ratio Lower Upper
76 100
78 75.6 8.9 13.3#

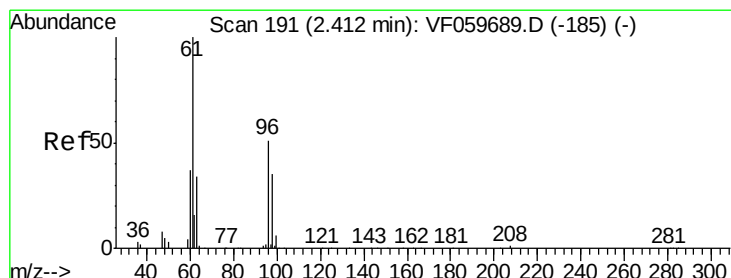
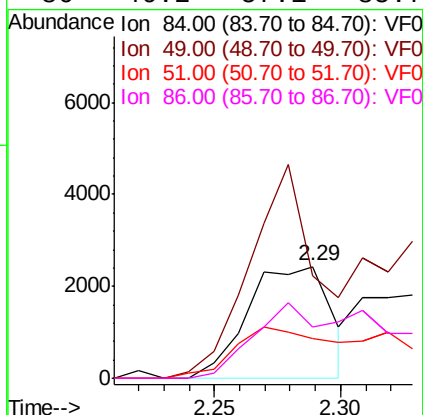
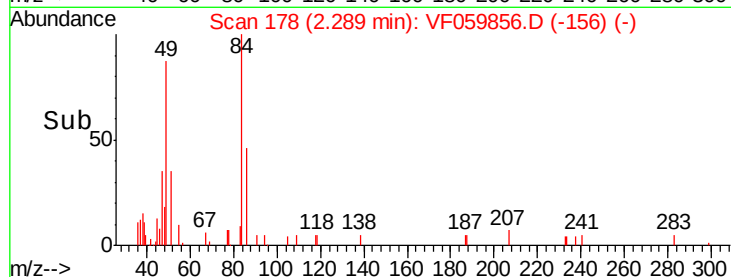
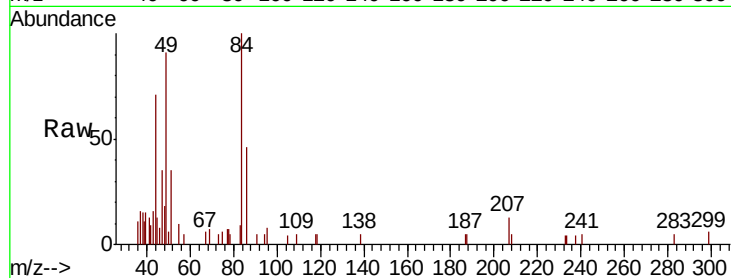




#20
Methylene Chloride
Concen: Below Cal
RT: 2.29 min Scan# 178
Delta R.T. 0.02 min
Lab File: VF059856.D
Acq: 3 Aug 2018 23:14

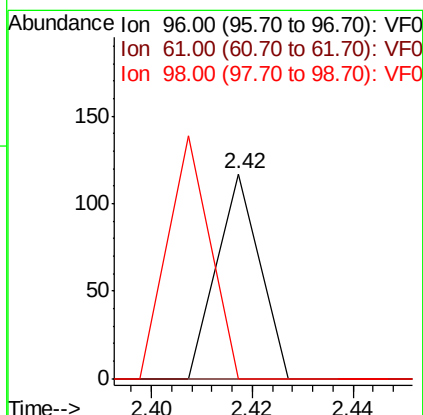
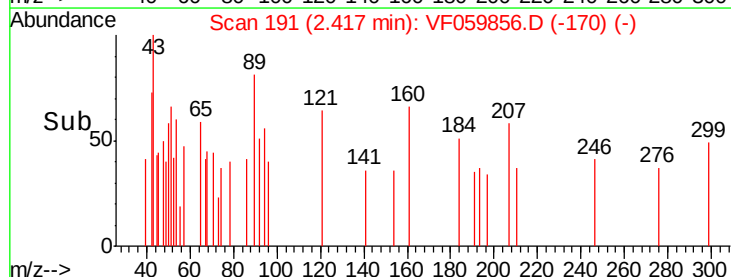
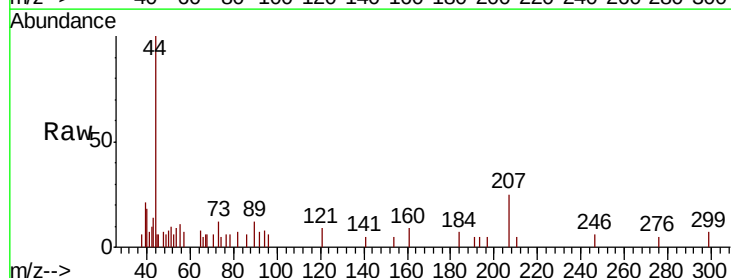
Instrument :
MSVOA_F
ClientSampleId :
T40-STONE-1

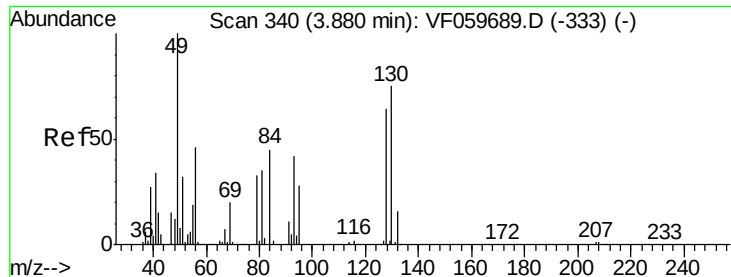
Tot Ion: 84 Resp: 5580
Ion Ratio Lower Upper
84 100
49 91.3 142.2 213.4#
51 35.1 46.2 69.2#
86 46.2 57.1 85.7#



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 2.42 min Scan# 191
Delta R.T. 0.01 min
Lab File: VF059856.D
Acq: 3 Aug 2018 23:14

Tgt Ion: 96 Resp: 69
Ion Ratio Lower Upper
96 100
61 0.0 157.4 236.0#
98 0.0 55.0 82.4#





#28

Bromochloromethane

Concen: Below Cal

RT: 3.88 min Scan# 339

Delta R.T. -0.00 min

Lab File: VF059856.D

Acq: 3 Aug 2018 23:14

Instrument :

MSVOA_F

ClientSampleId :

T40-STONE-1

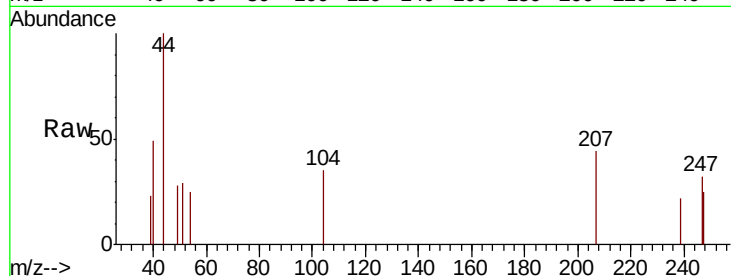
Tot Ion: 49 Resp: 79

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

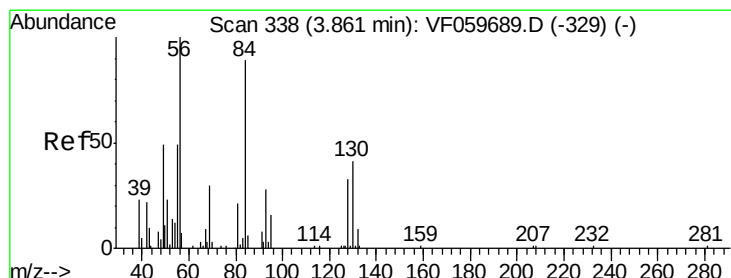
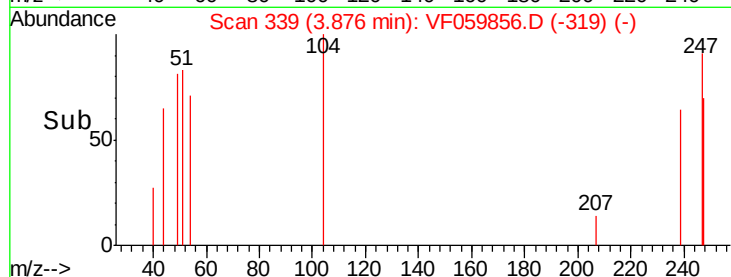
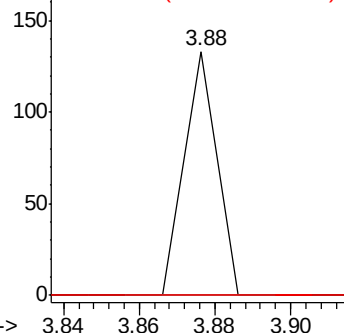
130 0.0 59.6 89.4#



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



#31

Cyclohexane

Concen: Below Cal

RT: 3.80 min Scan# 331

Delta R.T. -0.06 min

Lab File: VF059856.D

Acq: 3 Aug 2018 23:14

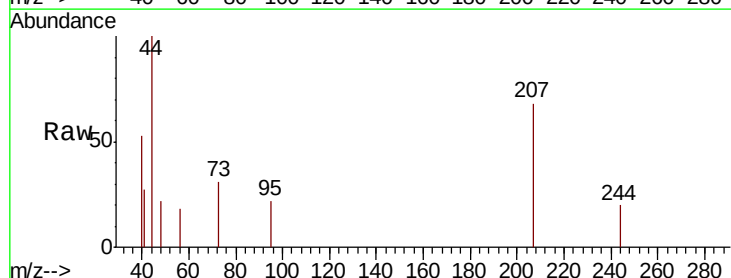
Tgt Ion: 56 Resp: 60

Ion Ratio Lower Upper

56 100

69 0.0 23.7 35.5#

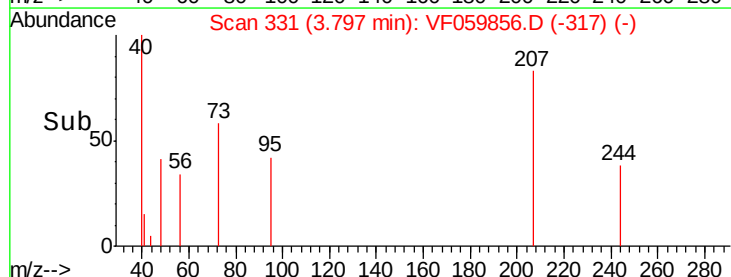
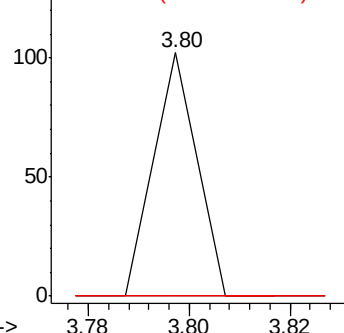
84 0.0 71.1 106.7#

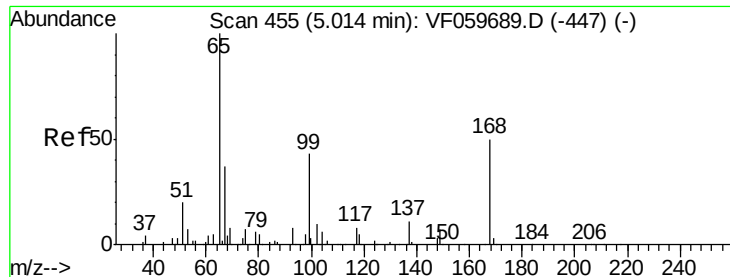


Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0

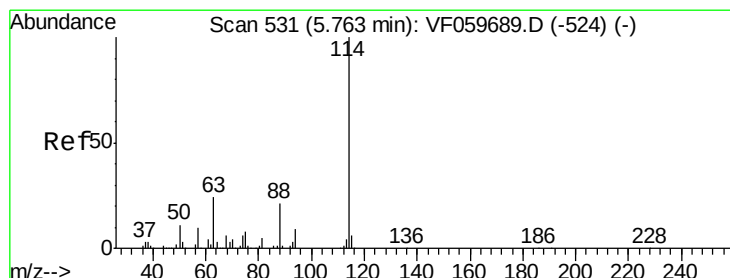
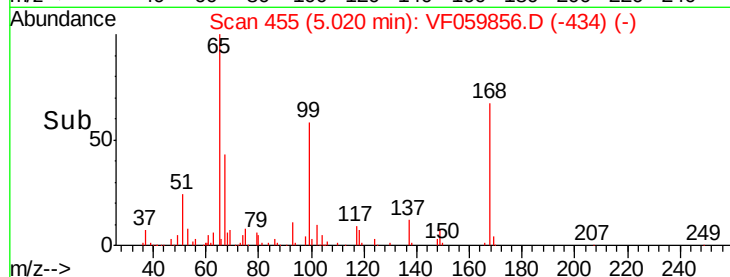
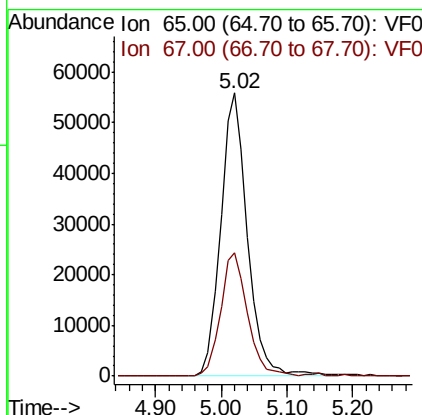
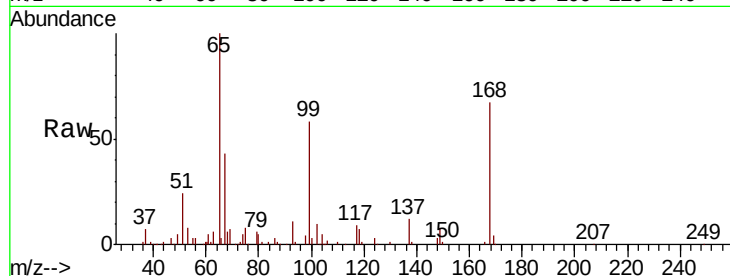




#33
 1,2-Dichloroethane-d4
 Concen: 44.69 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. 0.01 min
 Lab File: VF059856.D
 Acq: 3 Aug 2018 23:14

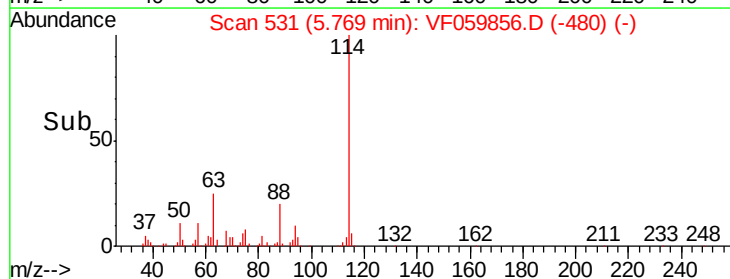
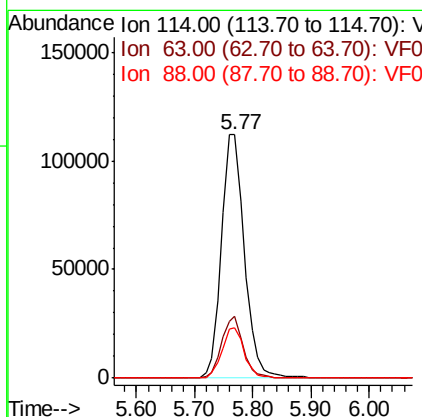
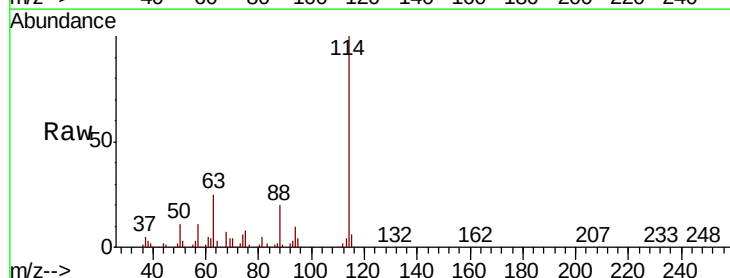
Instrument :
 MSVOA_F
 ClientSampleId :
 T40-STONE-1

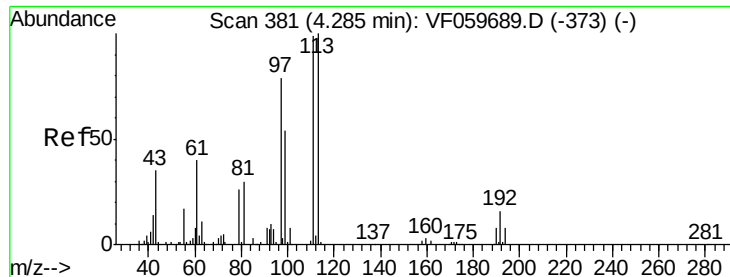
Tot Ion: 65 Resp: 158040
 Ion Ratio Lower Upper
 65 100
 67 43.4 0.0 84.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VF059856.D
 Acq: 3 Aug 2018 23:14

Tgt Ion: 114 Resp: 309014
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 47.4
 88 20.5 0.0 41.2





#35

Dibromofluoromethane

Concen: 41.01 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059856.D

Acq: 3 Aug 2018 23:14

Instrument :

MSVOA_F

ClientSampleId :

T40-STONE-1

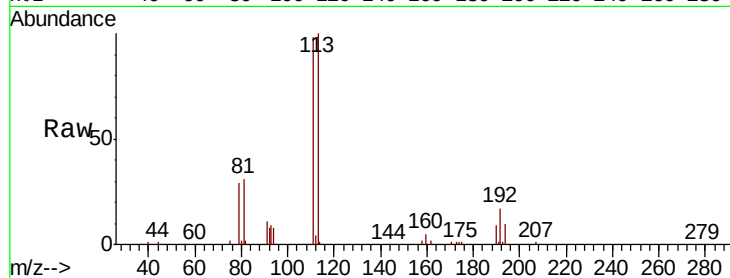
Tot Ion:113 Resp: 131614

Ion Ratio Lower Upper

113 100

111 98.3 79.0 118.4

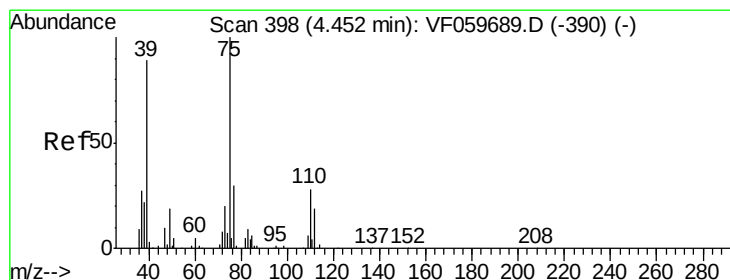
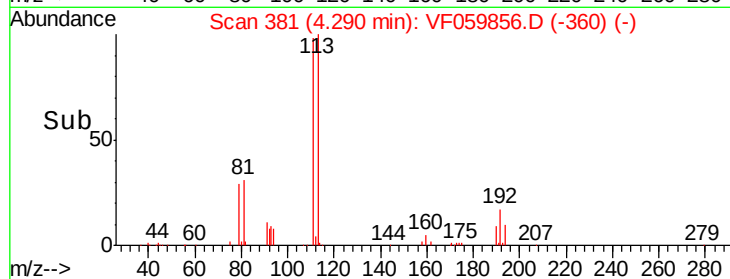
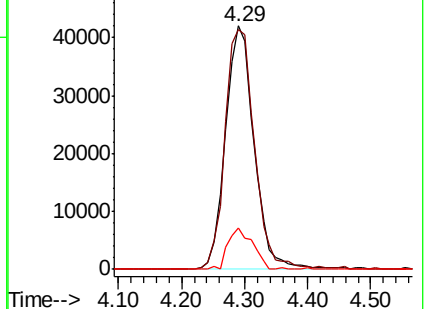
192 16.9 13.2 19.8



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#36

1,1-Dichloropropene

Concen: Below Cal

RT: 4.44 min Scan# 396

Delta R.T. -0.01 min

Lab File: VF059856.D

Acq: 3 Aug 2018 23:14

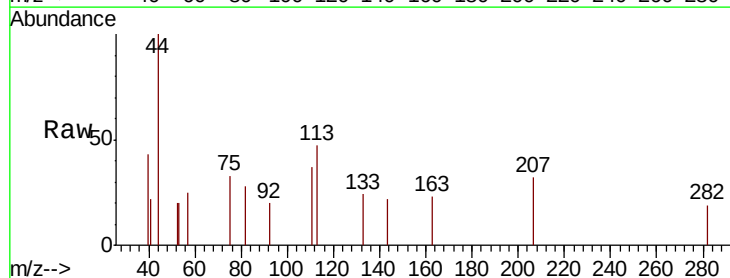
Tgt Ion: 75 Resp: 277

Ion Ratio Lower Upper

75 100

110 0.0 14.0 41.9#

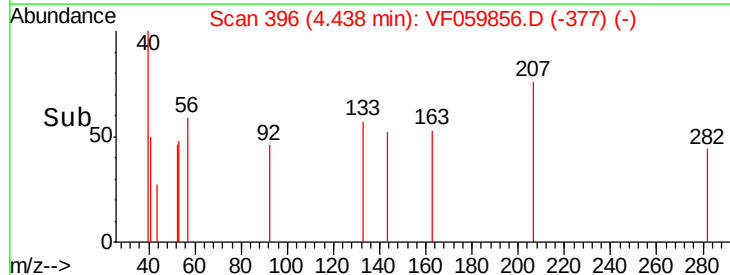
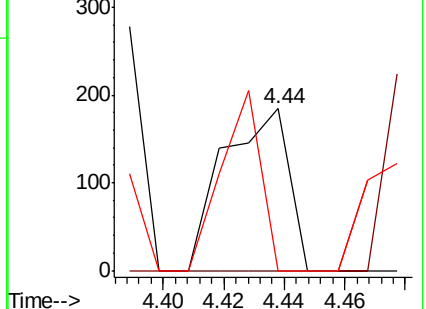
77 0.0 24.2 36.2#

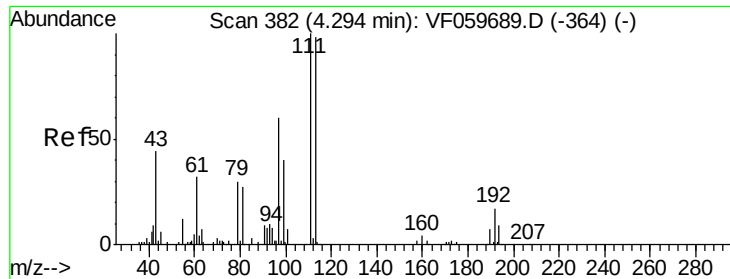


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0

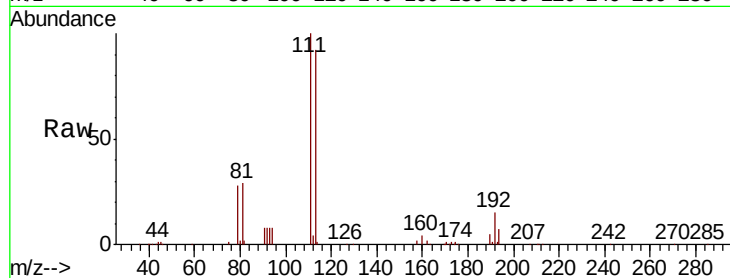




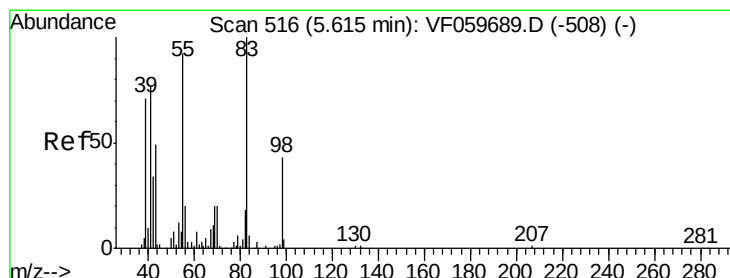
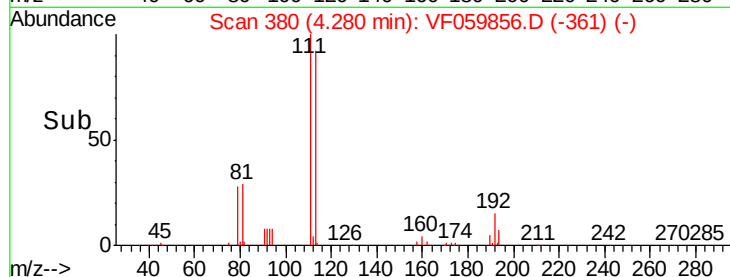
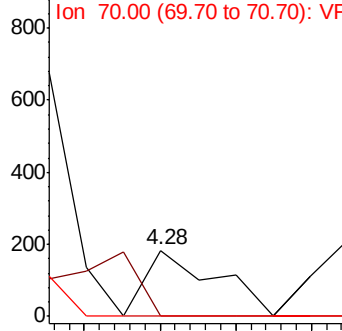
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.28 min Scan# 380
Delta R.T. -0.01 min
Lab File: VF059856.D
Acq: 3 Aug 2018 23:14

Instrument :
MSVOA_F
ClientSampleId :
T40-STONE-1

Tot Ion: 43 Resp: 237
Ion Ratio Lower Upper
43 100
61 0.0 58.2 87.2#
70 0.0 6.0 9.0#

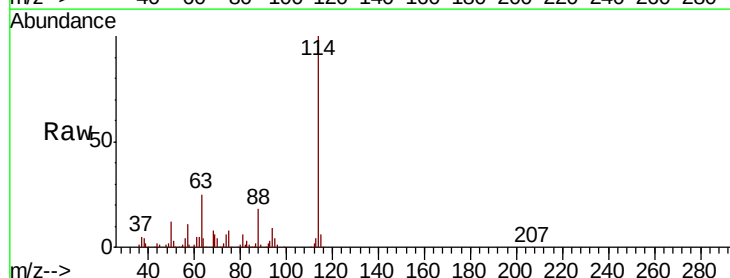


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 70.00 (69.70 to 70.70): VF0

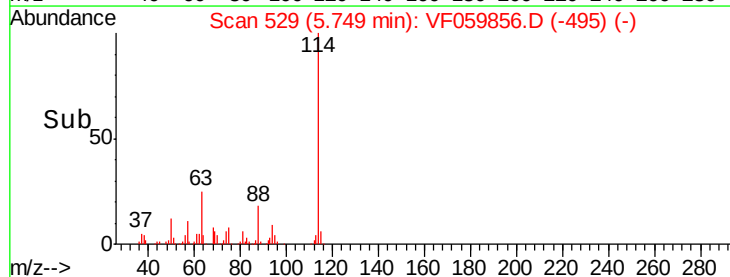
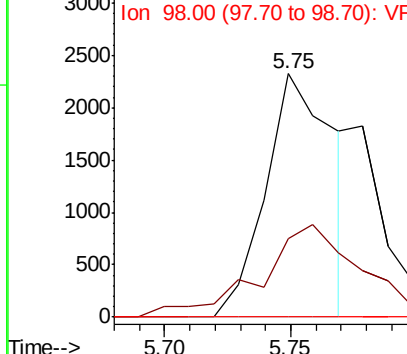


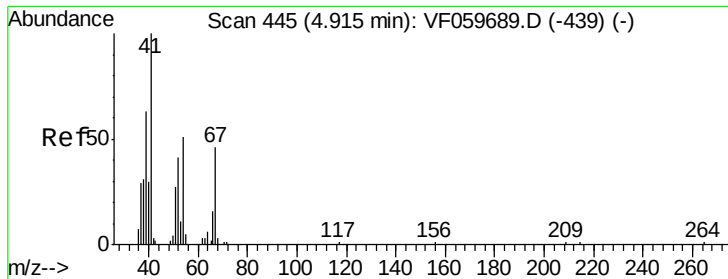
#39
Methylcyclohexane
Concen: Below Cal
RT: 5.75 min Scan# 529
Delta R.T. 0.13 min
Lab File: VF059856.D
Acq: 3 Aug 2018 23:14

Tgt Ion: 83 Resp: 4408
Ion Ratio Lower Upper
83 100
55 32.4 73.4 110.2#
98 0.0 34.2 51.4#



Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 55.00 (54.70 to 55.70): VF0
Ion 98.00 (97.70 to 98.70): VF0

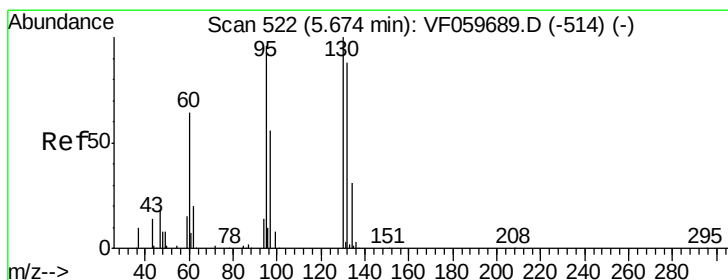
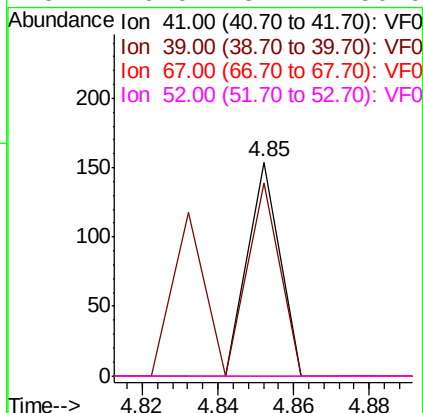
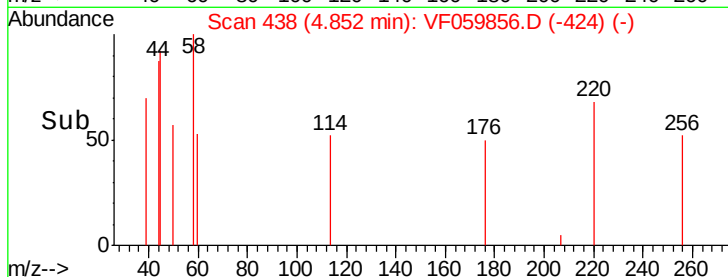
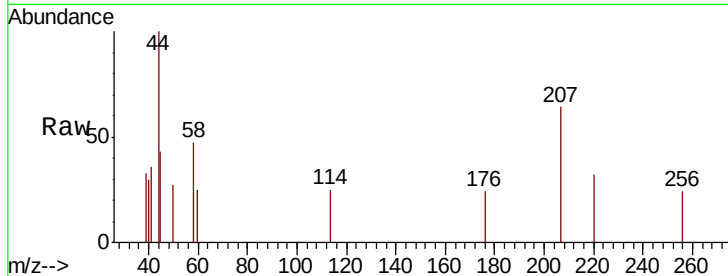




#41
Methacrylonitrile
Concen: Below Cal
RT: 4.85 min Scan# 438
Delta R.T. -0.06 min
Lab File: VF059856.D
Acq: 3 Aug 2018 23:14

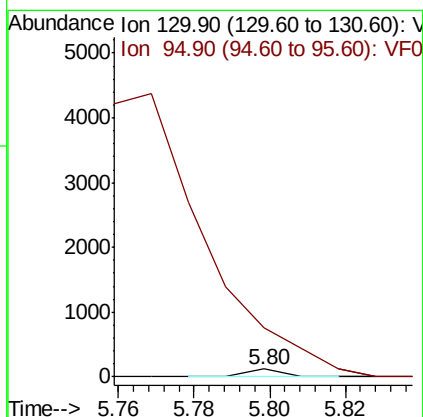
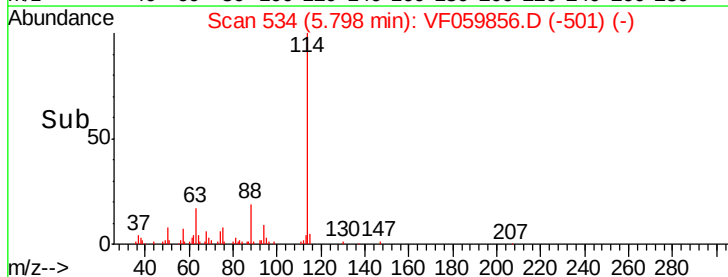
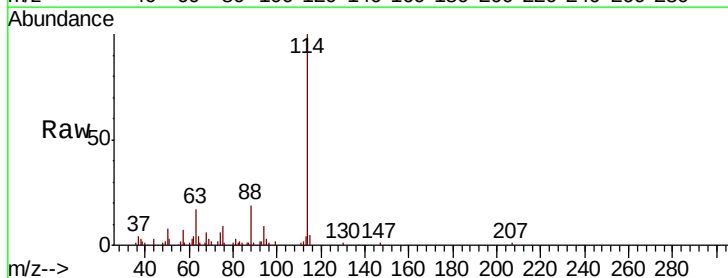
Instrument :
MSVOA_F
ClientSampleId :
T40-STONE-1

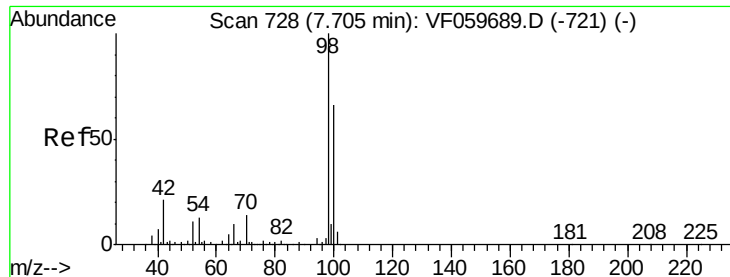
Tot Ion:	41	Resp:	91
Ion	Ratio	Lower	Upper
41	100		
39	90.3	55.2	82.8#
67	0.0	36.2	54.2#
52	0.0	37.7	56.5#



#44
Trichloroethene
Concen: Below Cal
RT: 5.80 min Scan# 534
Delta R.T. 0.12 min
Lab File: VF059856.D
Acq: 3 Aug 2018 23:14

Tgt Ion:	130	Resp:	71
Ion	Ratio	Lower	Upper
130	100		
95	630.0	0.0	191.0#

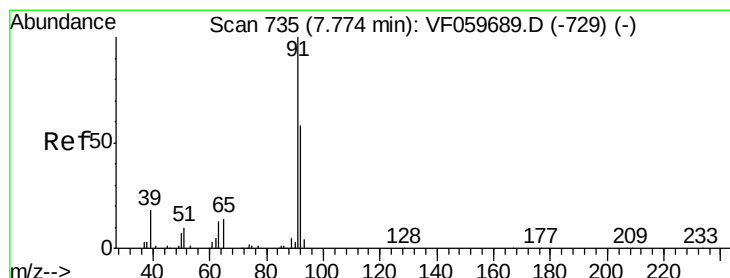
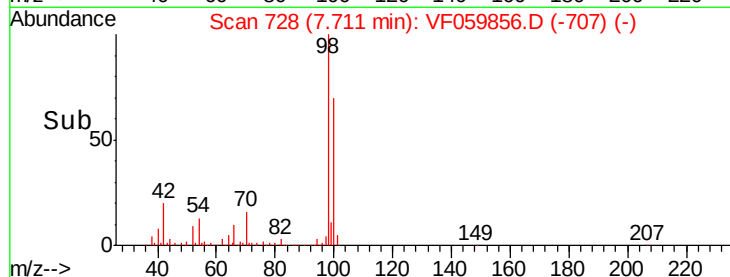
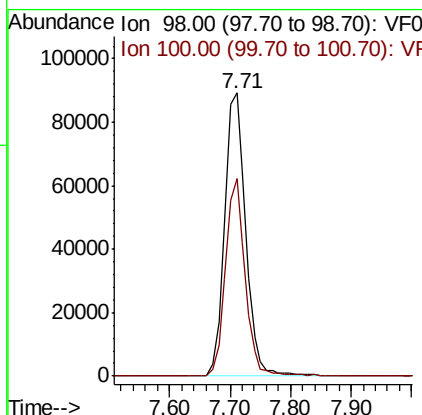
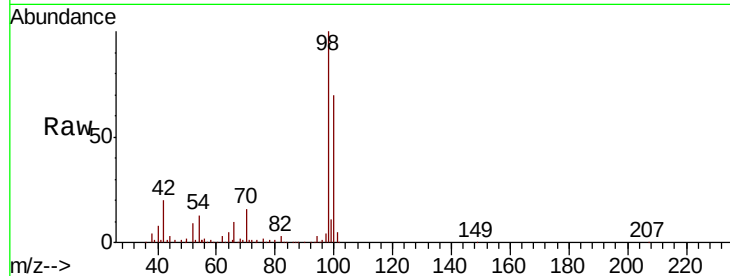




#50
Toluene-d8
Concen: 28.90 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF059856.D
Acq: 3 Aug 2018 23:14

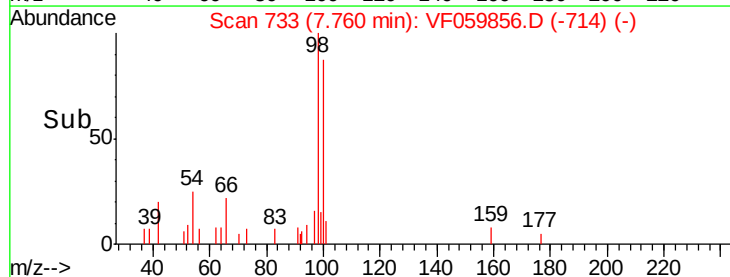
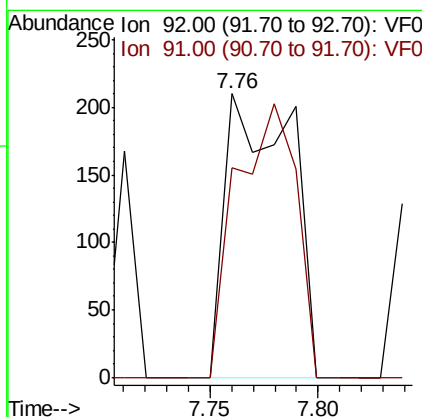
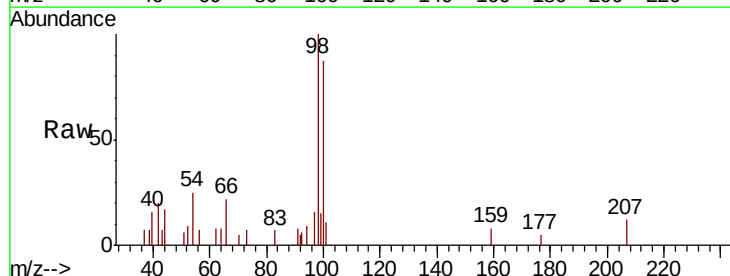
Instrument :
MSVOA_F
ClientSampleId :
T40-STONE-1

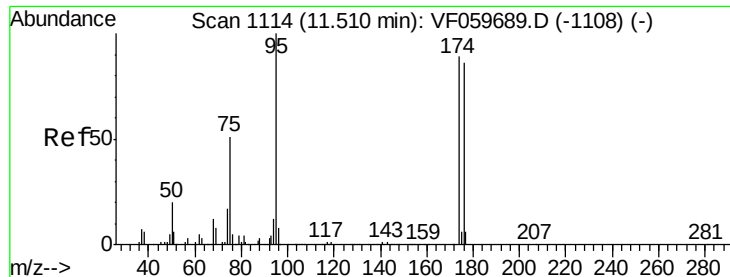
Tot Ion: 98 Resp: 216300
Ion Ratio Lower Upper
98 100
100 69.7 52.8 79.2



#52
Toluene
Concen: Below Cal
RT: 7.76 min Scan# 733
Delta R.T. -0.01 min
Lab File: VF059856.D
Acq: 3 Aug 2018 23:14

Tgt Ion: 92 Resp: 444
Ion Ratio Lower Upper
92 100
91 73.8 139.0 208.4#





#62

4-Bromofluorobenzene

Concen: 21.79 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059856.D

Acq: 3 Aug 2018 23:14

Instrument :

MSVOA_F

ClientSampleId :

T40-STONE-1

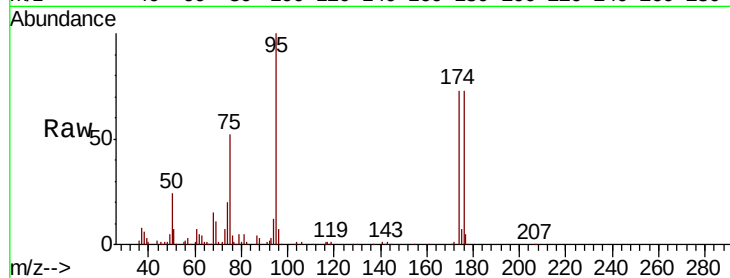
Tot Ion: 95 Resp: 90280

Ion Ratio Lower Upper

95 100

174 73.1 0.0 178.4

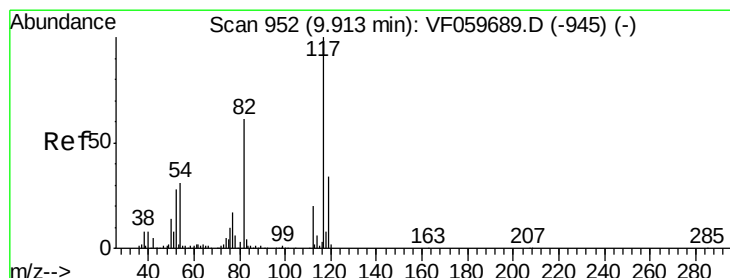
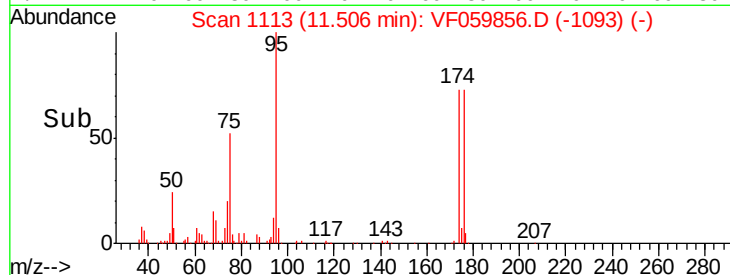
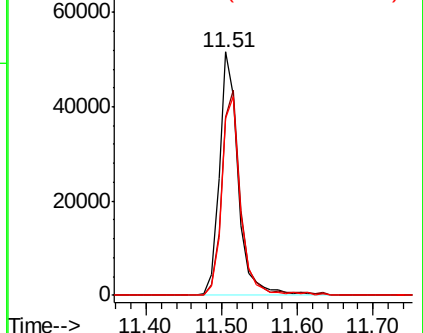
176 72.6 0.0 173.0



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: 9.92 min Scan# 952

Delta R.T. 0.01 min

Lab File: VF059856.D

Acq: 3 Aug 2018 23:14

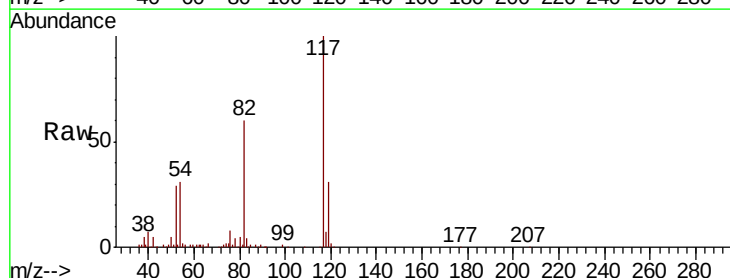
Tgt Ion: 117 Resp: 233535

Ion Ratio Lower Upper

117 100

82 59.7 49.0 73.4

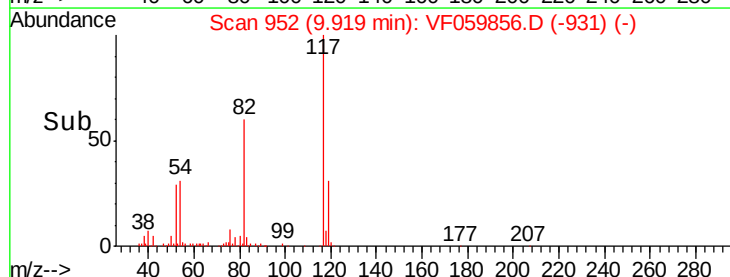
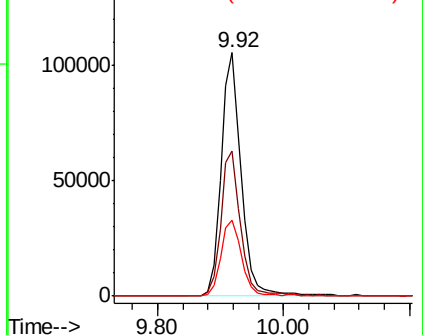
119 31.3 27.3 40.9

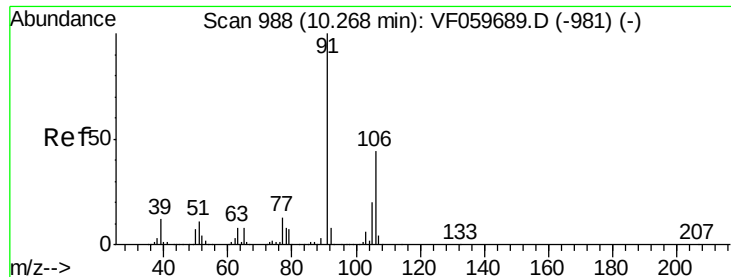


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V

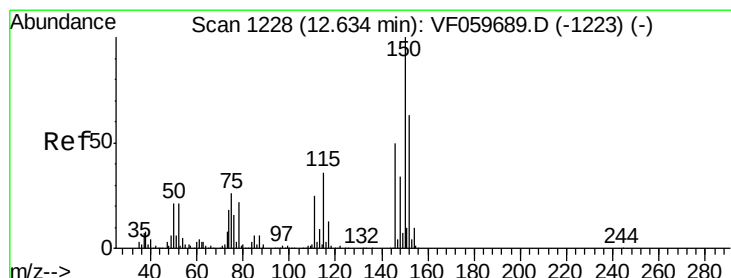
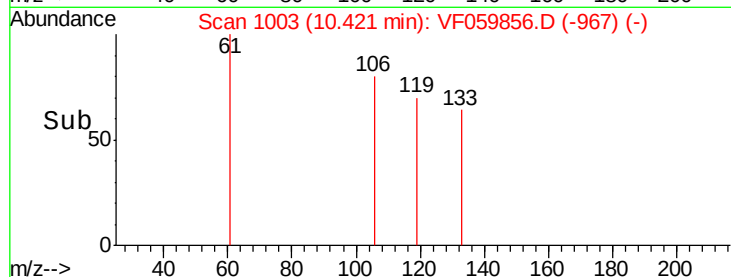
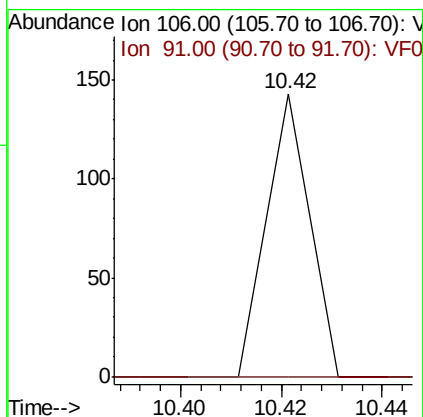
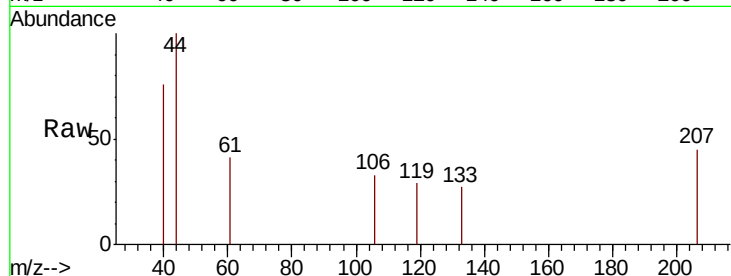




#68
m/p-Xylenes
Concen: Below Cal
RT: 10.42 min Scan# 1003
Delta R.T. 0.15 min
Lab File: VF059856.D
Acq: 3 Aug 2018 23:14

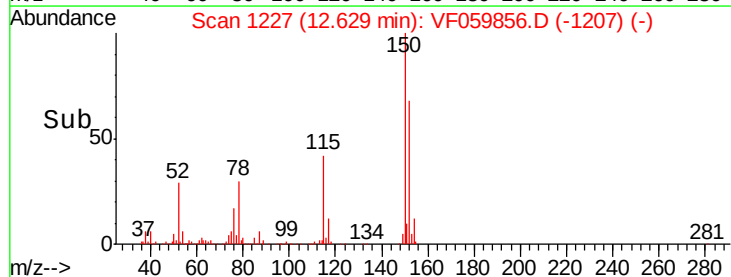
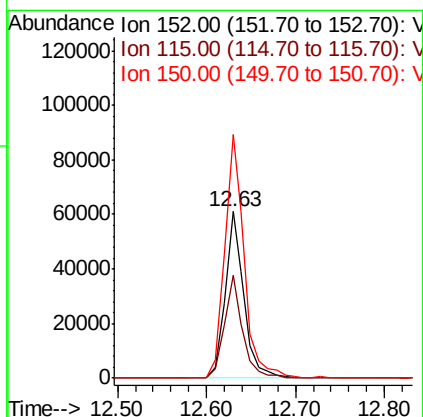
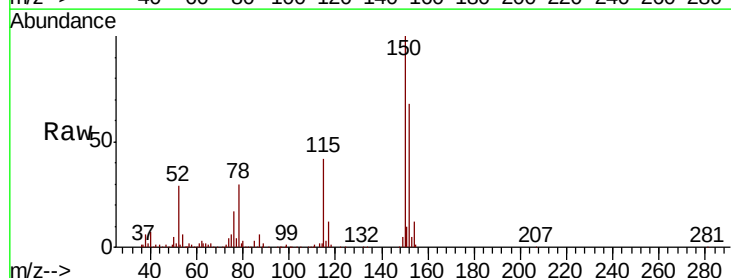
Instrument :
MSVOA_F
ClientSampleId :
T40-STONE-1

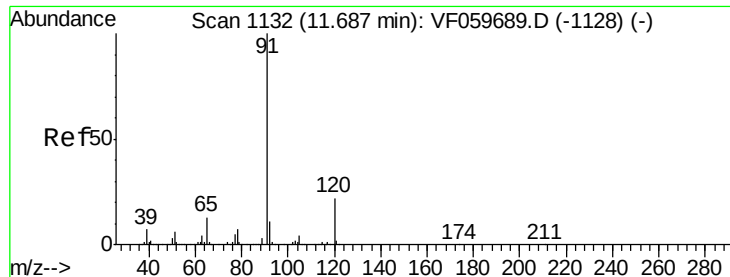
Tot Ion:106 Resp: 85
Ion Ratio Lower Upper
106 100
91 0.0 181.7 272.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059856.D
Acq: 3 Aug 2018 23:14

Tgt Ion:152 Resp: 90264
Ion Ratio Lower Upper
152 100
115 62.0 28.2 84.6
150 146.2 0.0 316.2





#78

n-propylbenzene

Concen: Below Cal

RT: 11.68 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VF059856.D

Acq: 3 Aug 2018 23:14

Instrument :

MSVOA_F

ClientSampleId :

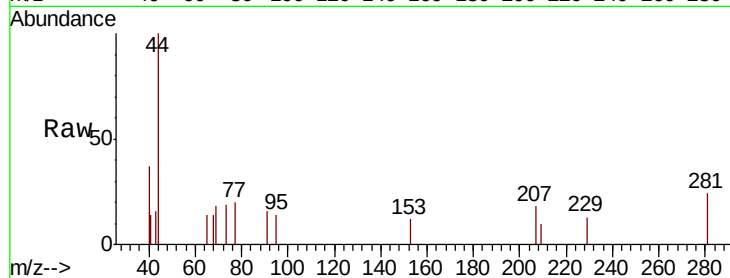
T40-STONE-1

Tot Ion: 91 Resp: 101

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

11.68

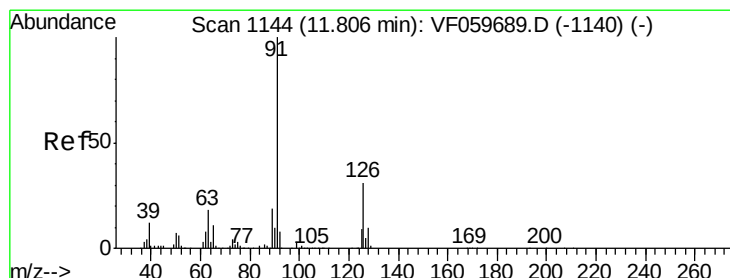
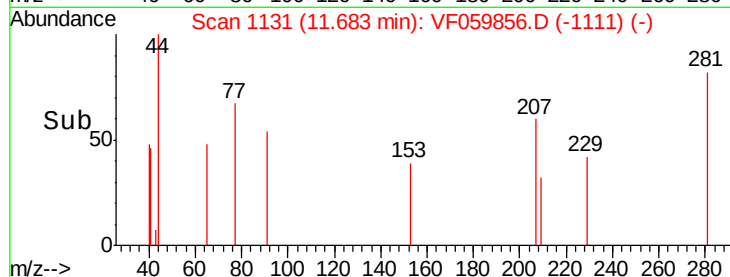
150

100

50

0

Time-->



#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.80 min Scan# 1143

Delta R.T. -0.00 min

Lab File: VF059856.D

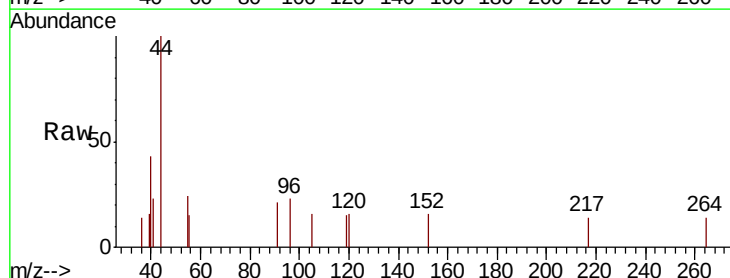
Acq: 3 Aug 2018 23:14

Tgt Ion: 91 Resp: 254

Ion Ratio Lower Upper

91 100

126 0.0 15.4 46.2#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

11.80

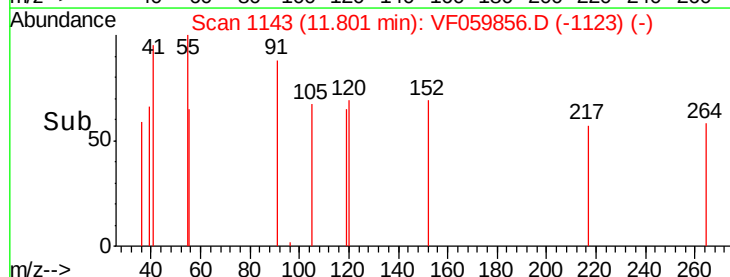
150

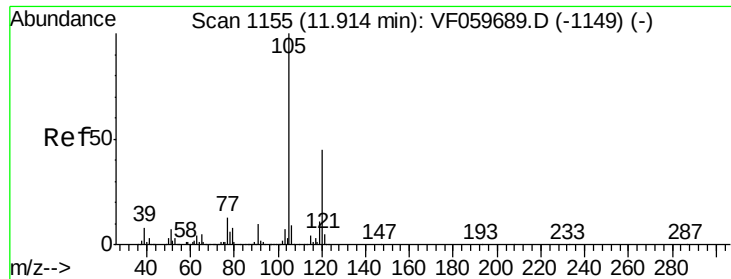
100

50

0

Time-->

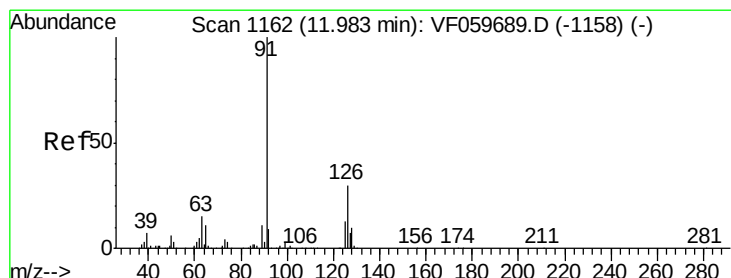
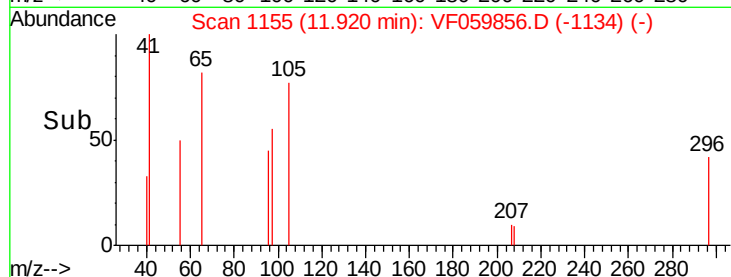
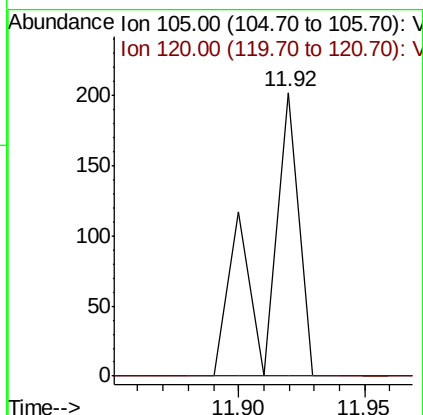
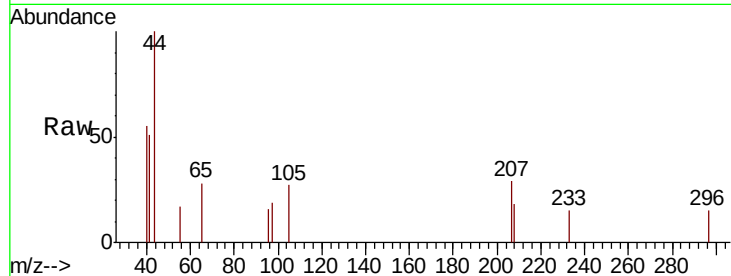




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 11.92 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: VF059856.D
 Acq: 3 Aug 2018 23:14

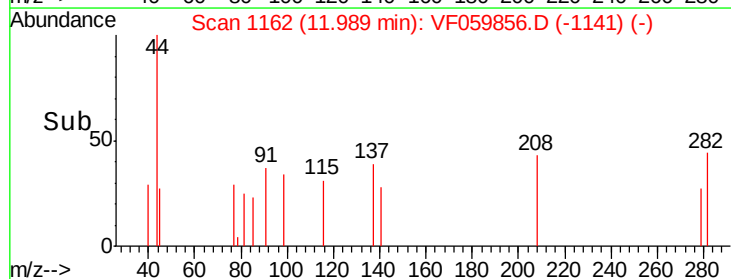
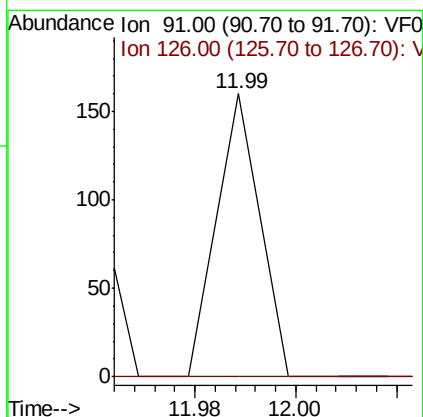
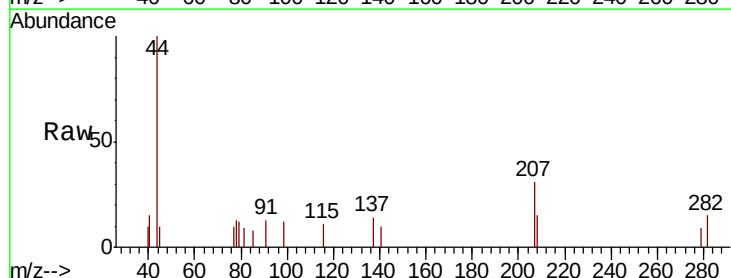
Instrument :
 MSVOA_F
 ClientSampleId :
 T40-STONE-1

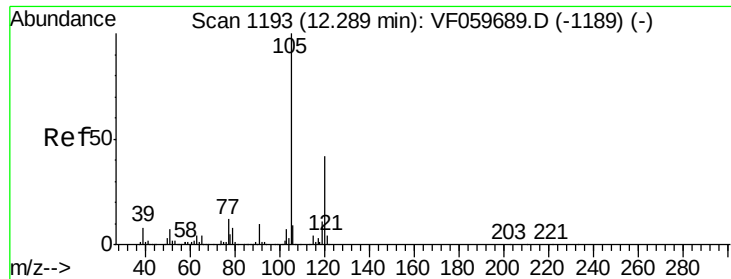
Tot Ion:105 Resp: 189
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.7 68.0#



#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 11.99 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VF059856.D
 Acq: 3 Aug 2018 23:14

Tgt Ion: 91 Resp: 95
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.2 45.6#

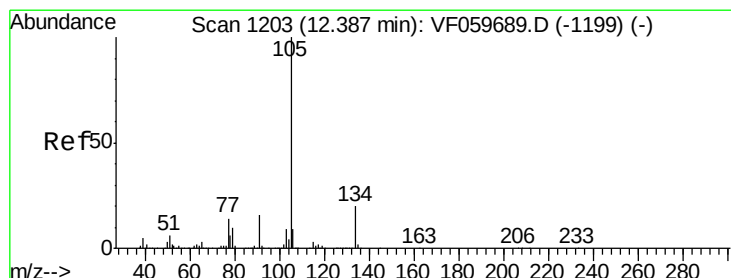
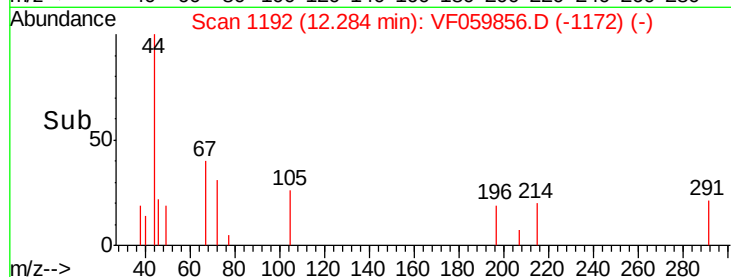
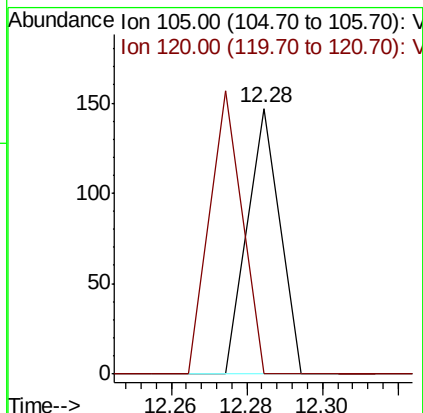
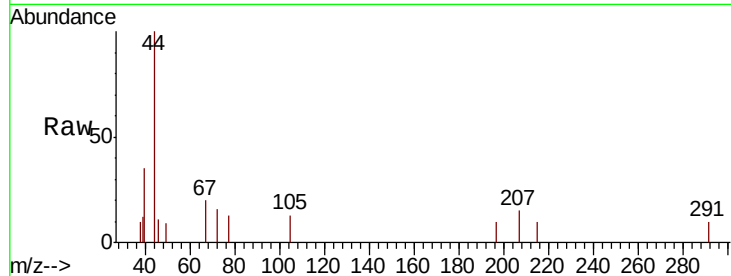




#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 12.28 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: VF059856.D
 Acq: 3 Aug 2018 23:14

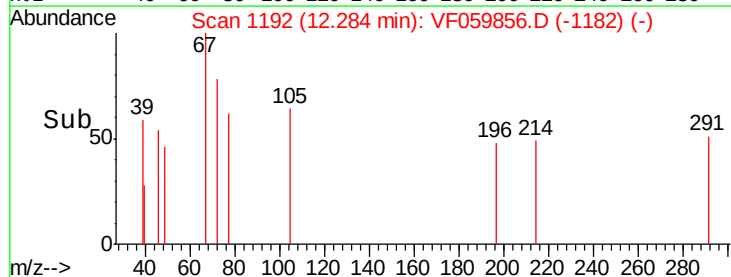
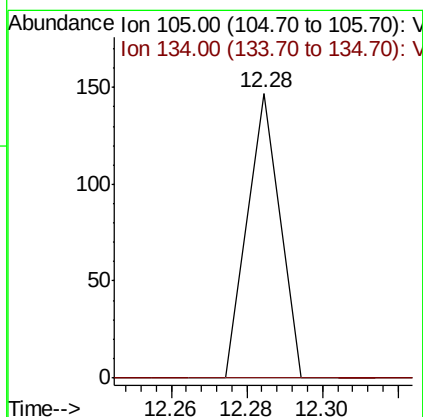
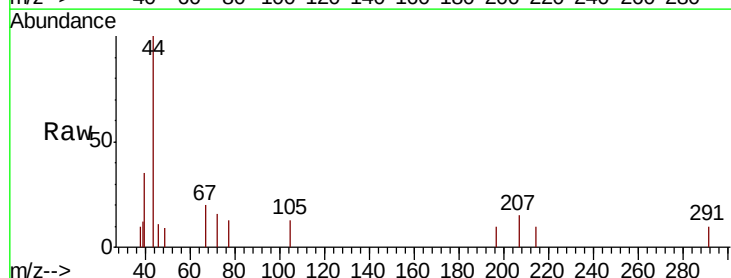
Instrument :
 MSVOA_F
 ClientSampleId :
 T40-STONE-1

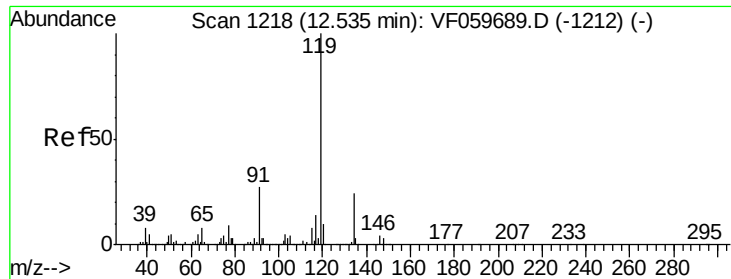
Tot Ion:105 Resp: 87
 Ion Ratio Lower Upper
 105 100
 120 0.0 21.1 63.3#



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 12.28 min Scan# 1192
 Delta R.T. -0.10 min
 Lab File: VF059856.D
 Acq: 3 Aug 2018 23:14

Tgt Ion:105 Resp: 87
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#

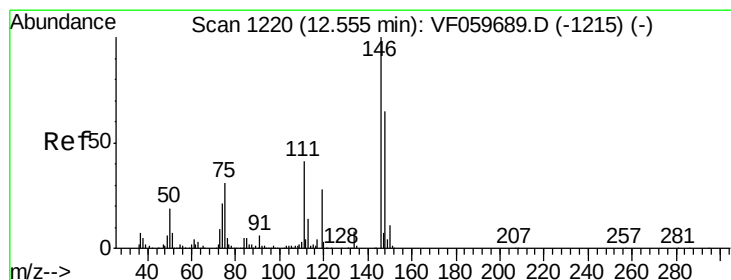
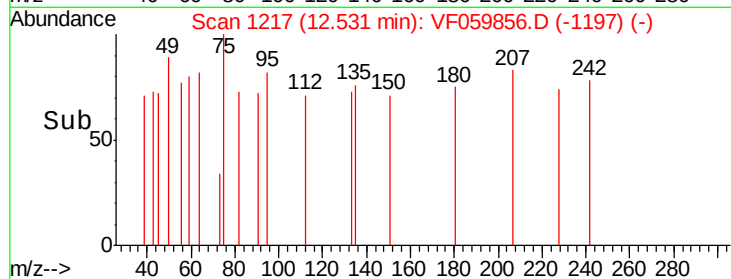
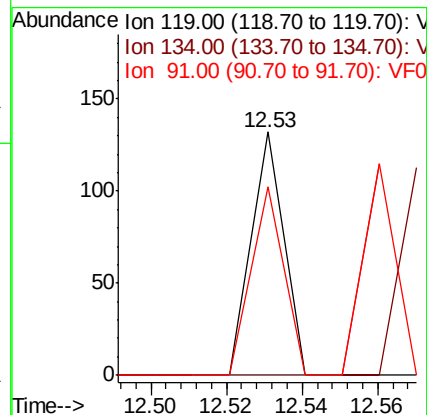
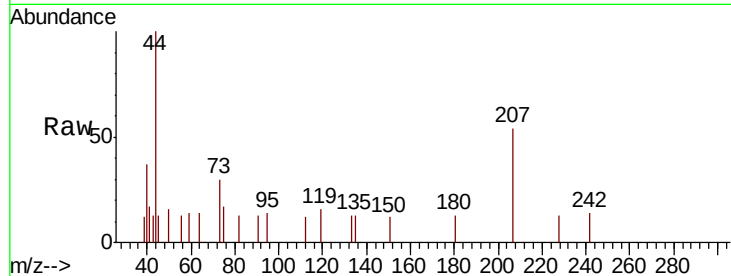




#86
 p-Isopropyltoluene
 Concen: Below Cal
 RT: 12.53 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VF059856.D
 Acq: 3 Aug 2018 23:14

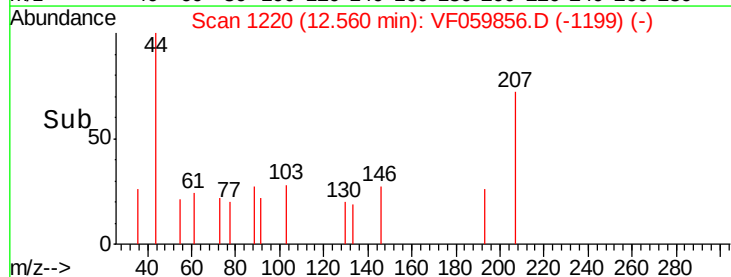
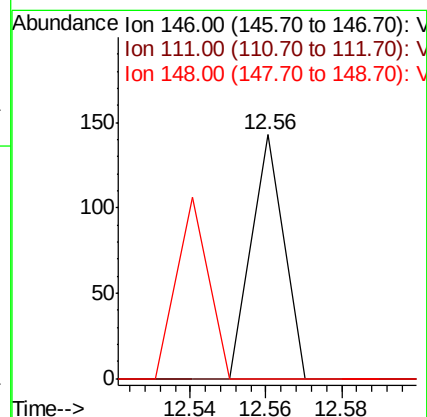
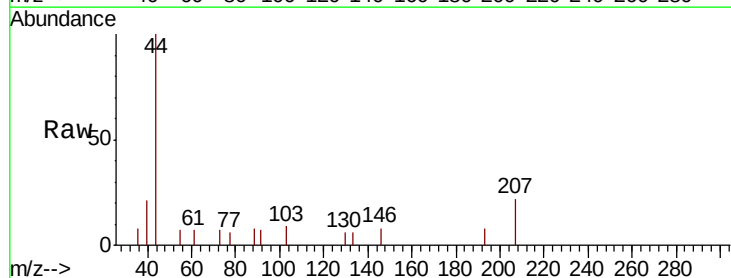
Instrument :
 MSVOA_F
 ClientSampleId :
 T40-STONE-1

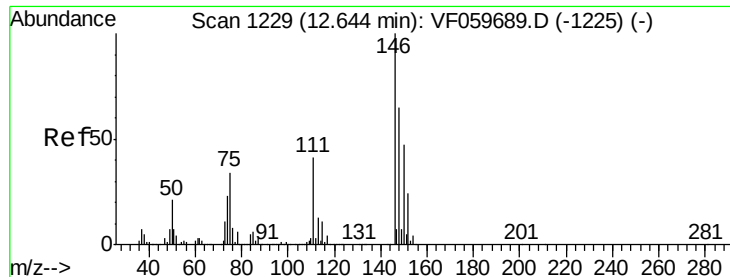
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.2	36.6#
91	77.3	13.4	40.2#



#87
 1,3-Dichlorobenzene
 Concen: Below Cal
 RT: 12.56 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: VF059856.D
 Acq: 3 Aug 2018 23:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.7	62.1#
148	0.0	32.3	96.8#

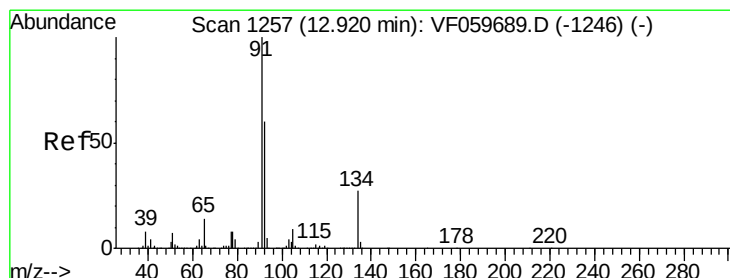
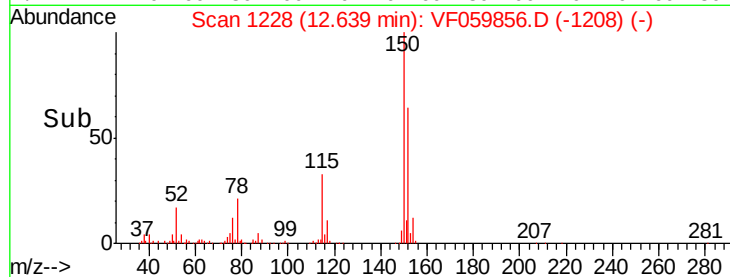
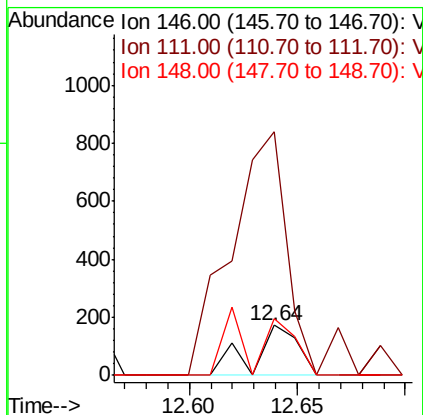
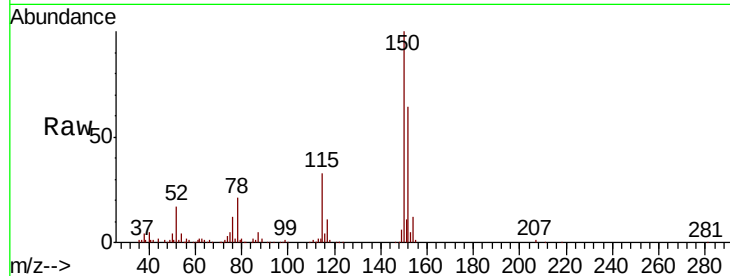




#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 12.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VF059856.D
 Acq: 3 Aug 2018 23:14

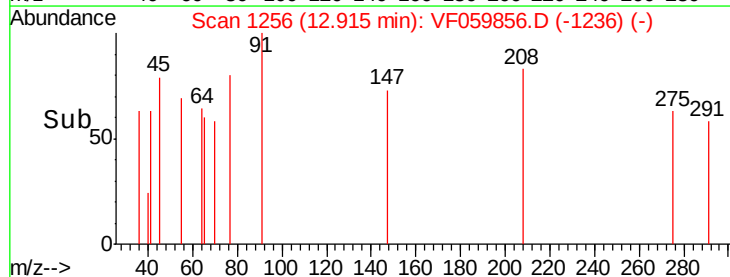
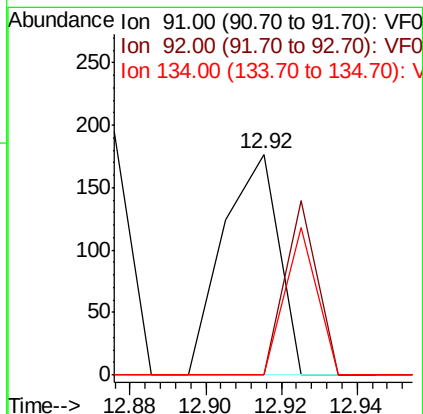
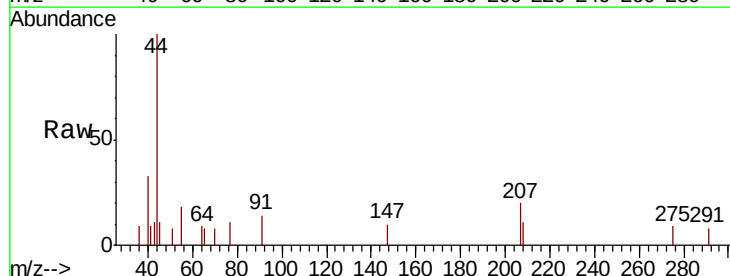
Instrument :
 MSVOA_F
 ClientSampleId :
 T40-STONE-1

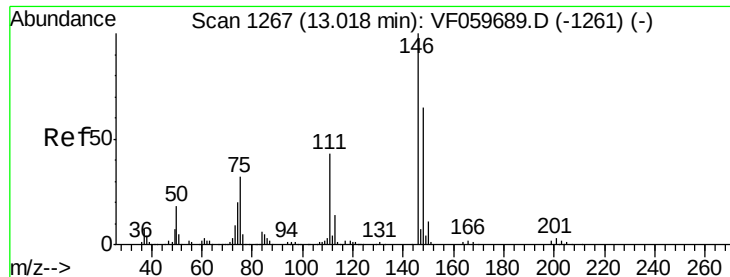
Tot Ion	Ratio	Lower	Upper
146	100		
111	487.8	20.8	62.2#
148	114.0	32.3	96.9#



#89
 n-Butylbenzene
 Concen: Below Cal
 RT: 12.92 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: VF059856.D
 Acq: 3 Aug 2018 23:14

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	30.1	90.3#
134	0.0	13.7	41.0#

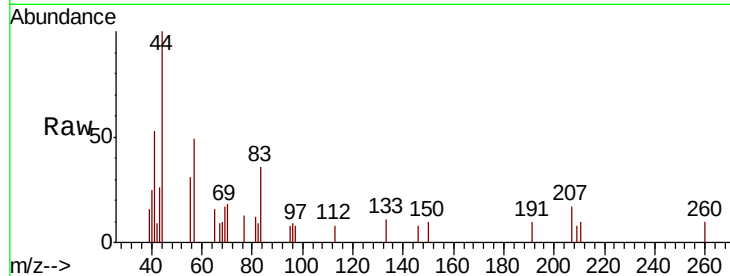




#91
1,2-Dichlorobenzene
Concen: Below Cal
RT: 13.01 min Scan# 1266
Delta R.T. -0.00 min
Lab File: VF059856.D
Acq: 3 Aug 2018 23:14

Instrument :
MSVOA_F
ClientSampleId :
T40-STONE-1

Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.6	65.0#
148	0.0	32.3	96.9#

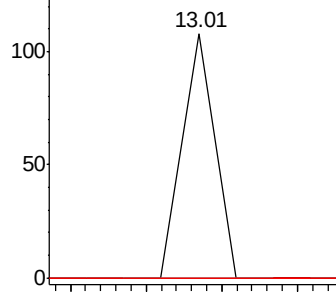


Abundance

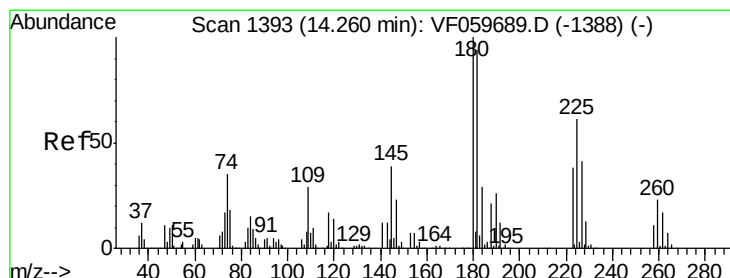
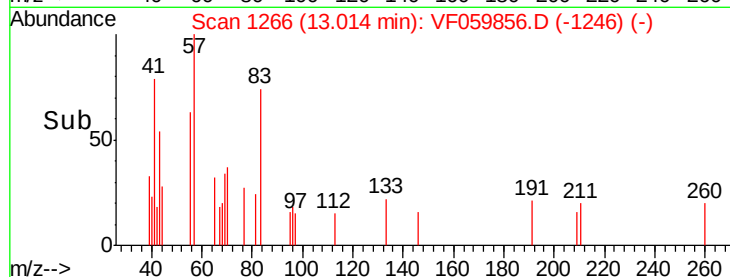
Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

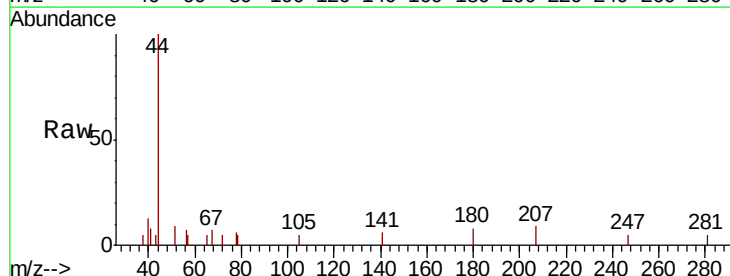


Time-->



#93
1,2,4-Trichlorobenzene
Concen: Below Cal
RT: 14.28 min Scan# 1394
Delta R.T. 0.02 min
Lab File: VF059856.D
Acq: 3 Aug 2018 23:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.2	141.6#
145	0.0	19.3	57.9#

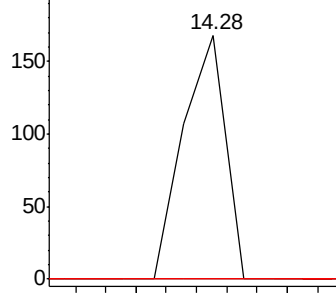


Abundance

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



Time-->

