

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059827.D
 Acq On : 3 Aug 2018 9:08
 Operator : VA/AP
 Sample : J4285-01
 Misc : 4.48g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 KG-PIT-1

Quant Time: Aug 03 10:51:02 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	192438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	262433	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	159262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	39207	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.02	65	143692	41.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.10%	
35) Dibromofluoromethane	4.29	113	123517	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	
50) Toluene-d8	7.71	98	196985	30.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.98%	
62) 4-Bromofluorobenzene	11.50	95	48011	13.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	27.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.98	85	148	Below Cal	#	44
3) Chloromethane	1.18	50	392	Below Cal		89
4) Vinyl Chloride	1.18	62	80	Below Cal	#	1
5) Bromomethane	1.36	94	665	Below Cal	#	45
6) Chloroethane	1.46	64	147	Below Cal	#	1
10) Methyl Iodide	1.95	142	142	Below Cal	#	20
13) Acrolein	2.03	56	292	19.81	ug/l	98
15) Acrylonitrile	3.11	53	252	1.19	ug/l	88
16) Acetone	2.33	43	11289	18.15	ug/l	97
17) Carbon Disulfide	1.83	76	3036	Below Cal		94
18) Methyl Acetate	2.47	43	1228	Below Cal	#	64
20) Methylene Chloride	2.27	84	7298	Below Cal	#	79
21) trans-1,2-Dichloroethene	2.40	96	62	Below Cal	#	1
28) Bromochloromethane	3.84	49	67	Below Cal	#	15
29) Tetrahydrofuran	4.27	42	444	1.66	ug/l	39
31) Cyclohexane	3.88	56	73	Below Cal	#	15
36) 1,1-Dichloropropene	4.47	75	146	Below Cal	#	1
37) Ethyl Acetate	4.29	43	156	Below Cal	#	1
39) Methylcyclohexane	5.63	83	180	Below Cal	#	13
41) Methacrylonitrile	4.92	41	76	Below Cal	#	18
49) 1,4-Dioxane	7.04	88	76	Below Cal	#	21
52) Toluene	7.79	92	1656	Below Cal	#	46
58) 2-Chloroethyl Vinyl ether	7.79	63	403	2.33	ug/l	100
64) Tetrachloroethene	8.30	164	523	Below Cal	#	68
68) m/p-Xylenes	10.28	106	300	Below Cal	#	1
78) n-propylbenzene	11.68	91	347	Below Cal	#	69
79) 2-Chlorotoluene	11.80	91	189	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	11.91	105	413	Below Cal	#	31
82) 4-Chlorotoluene	11.99	91	607	Below Cal	#	44
84) 1,2,4-Trimethylbenzene	12.28	105	386	Below Cal		96
85) sec-Butylbenzene	12.37	105	85	Below Cal	#	1
86) p-Isopropyltoluene	12.53	119	1178	Below Cal	#	53
87) 1,3-Dichlorobenzene	12.55	146	230	Below Cal	#	24
88) 1,4-Dichlorobenzene	12.64	146	234	Below Cal	#	1

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ALS Vial : 100 Sample Multiplier: 1

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

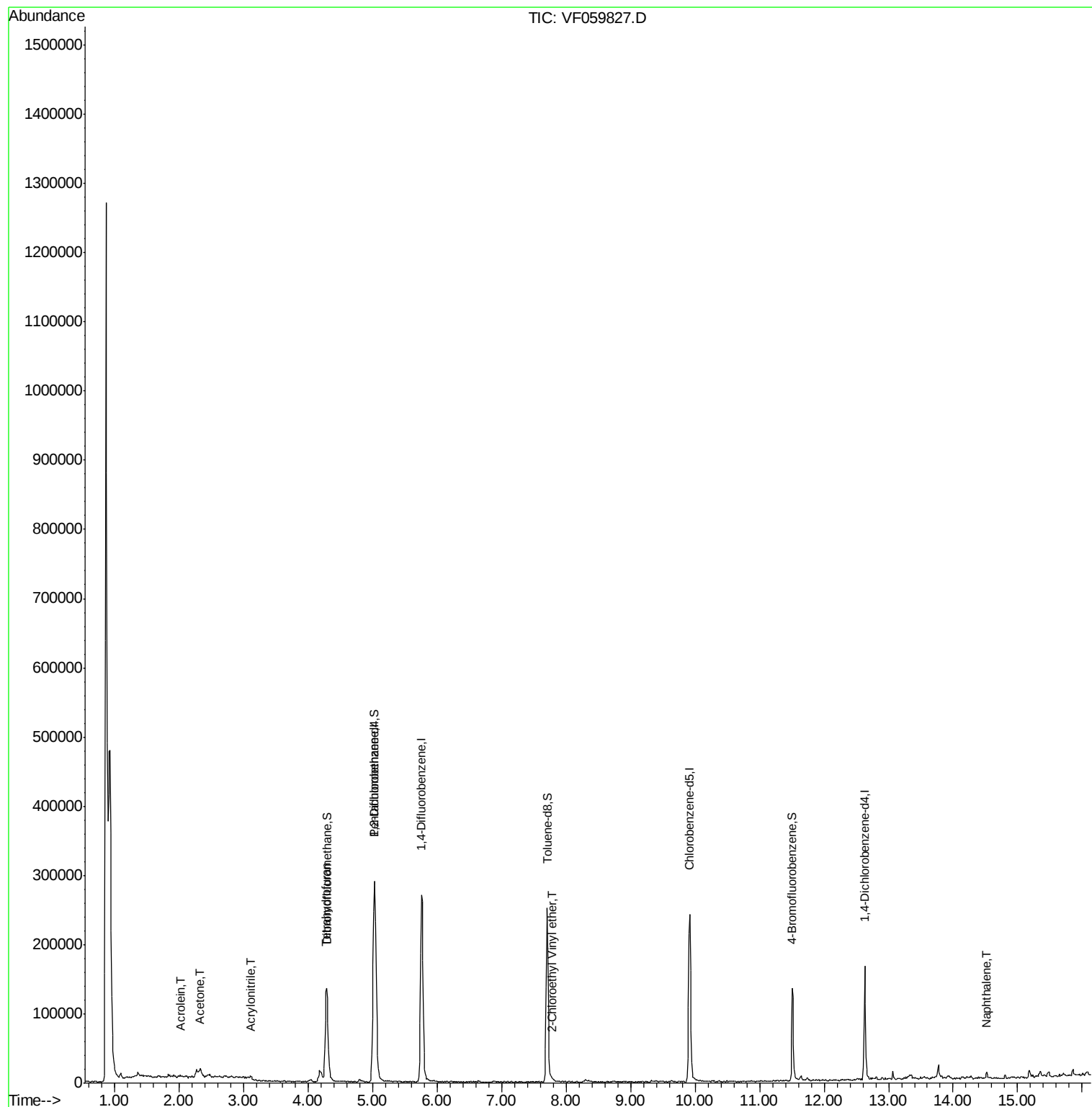
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.92	91	786	Below Cal	#	29
91) 1,2-Dichlorobenzene	13.02	146	219	Below Cal	#	57
93) 1,2,4-Trichlorobenzene	14.25	180	246	Below Cal	#	68
95) Naphthalene	14.52	128	4200	2.48 ug/l		95

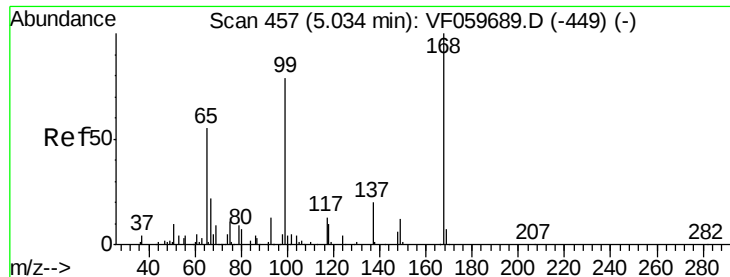
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF059827.D

Acq: 3 Aug 2018 9:08

Instrument :

MSVOA_F

ClientSampleId :

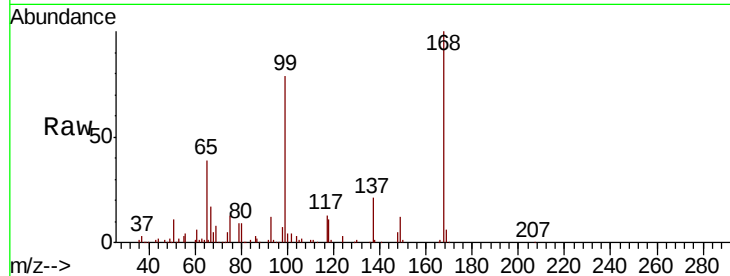
KG-PIT-1

Tot Ion:168 Resp: 192438

Ion Ratio Lower Upper

168 100

99 78.5 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

60000

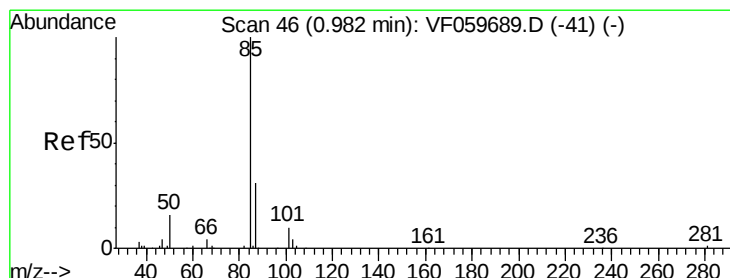
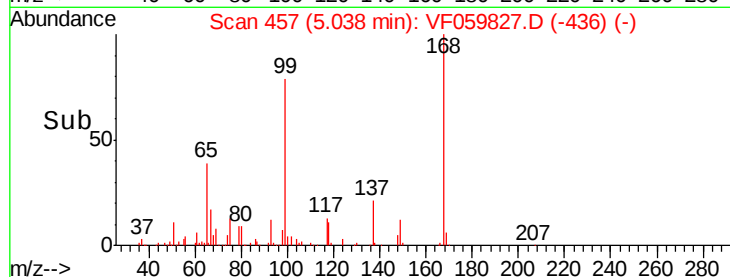
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 0.98 min Scan# 45

Delta R.T. -0.01 min

Lab File: VF059827.D

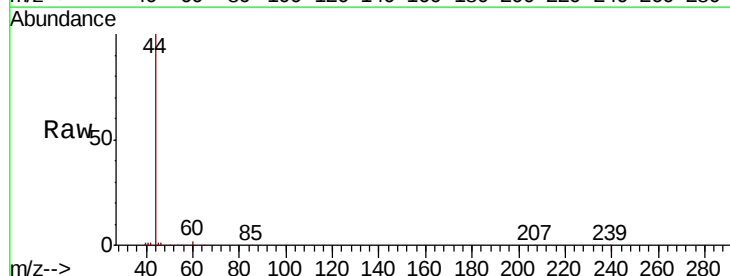
Acq: 3 Aug 2018 9:08

Tgt Ion: 85 Resp: 148

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

0.98

150

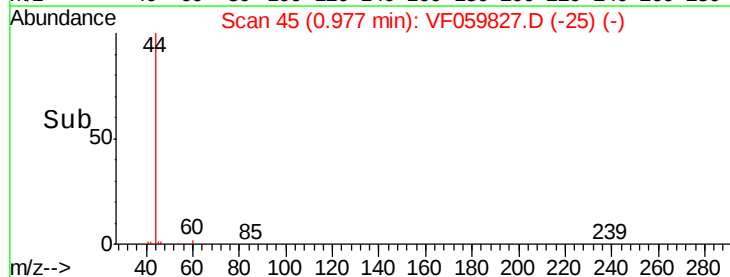
100

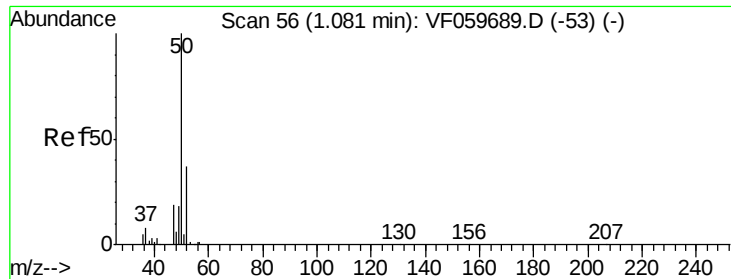
50

0

Time-->

0.94 0.96 0.98 1.00 1.02





#3

Chloromethane

Concen: Below Cal

RT: 1.18 min Scan# 66

Delta R.T. 0.10 min

Lab File: VF059827.D

Acq: 3 Aug 2018 9:08

Instrument :

MSVOA_F

ClientSampleId :

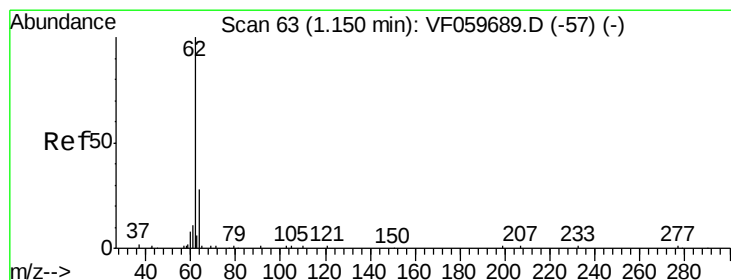
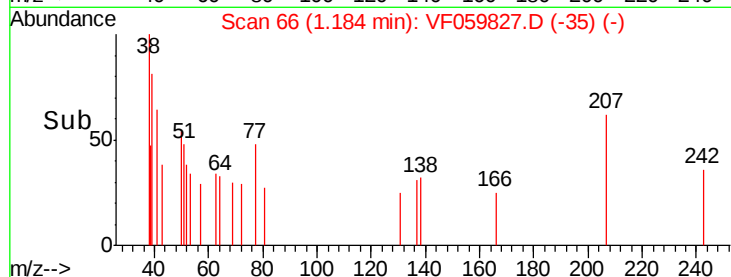
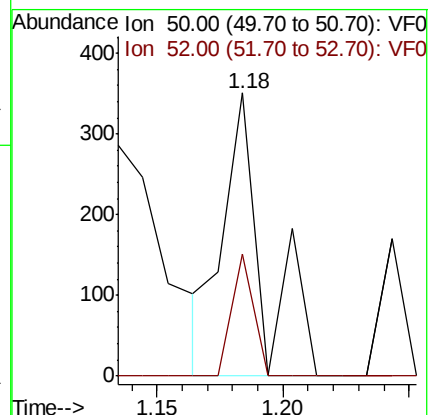
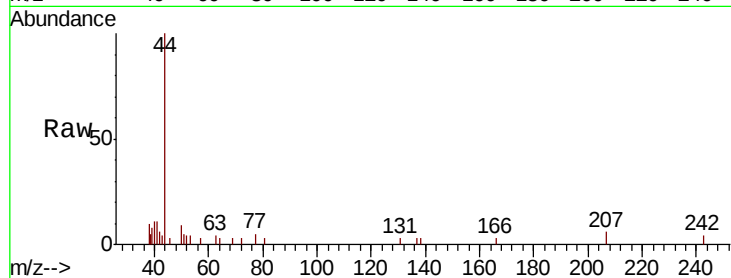
KG-PIT-1

Tot Ion: 50 Resp: 392

Ion Ratio Lower Upper

50 100

52 43.0 29.1 43.7



#4

Vinyl Chloride

Concen: Below Cal

RT: 1.18 min Scan# 66

Delta R.T. 0.03 min

Lab File: VF059827.D

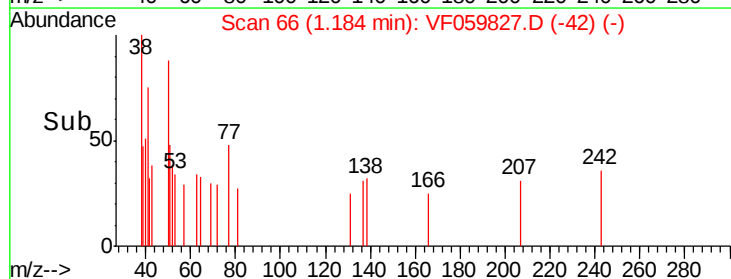
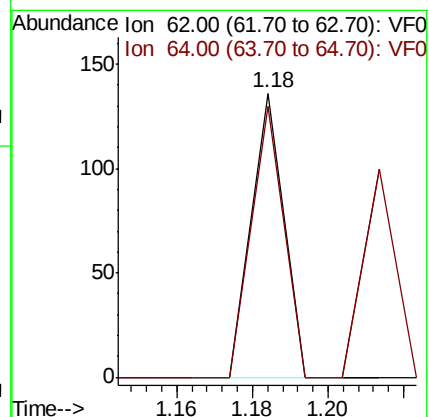
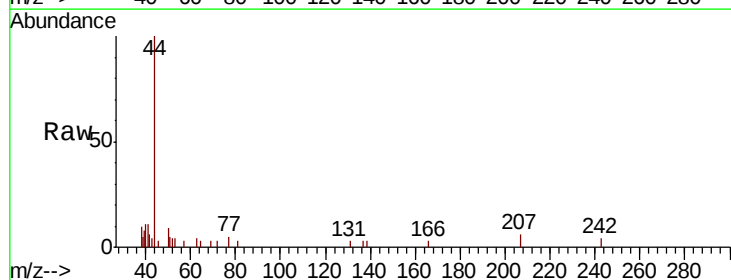
Acq: 3 Aug 2018 9:08

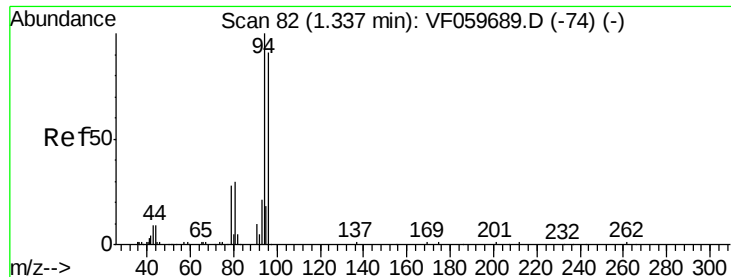
Tgt Ion: 62 Resp: 80

Ion Ratio Lower Upper

62 100

64 95.6 22.6 33.8#





#5

Bromomethane

Concen: Below Cal

RT: 1.36 min Scan# 84

Delta R.T. 0.02 min

Lab File: VF059827.D

Acq: 3 Aug 2018 9:08

Instrument :

MSVOA_F

ClientSampled :

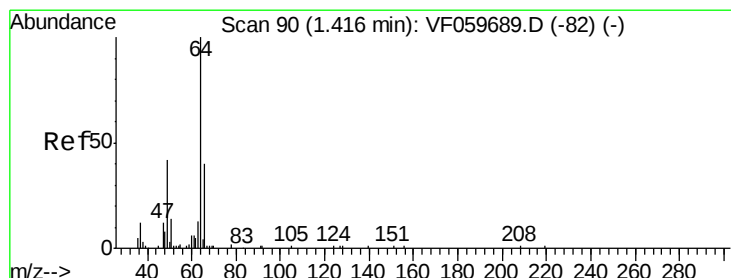
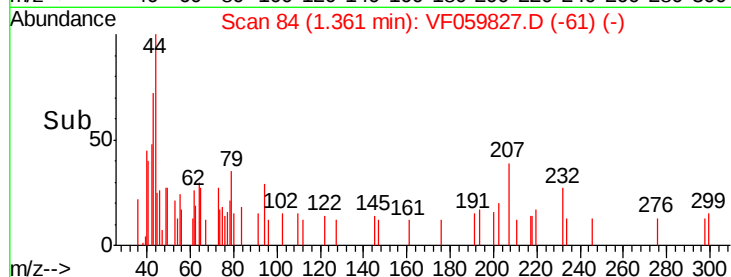
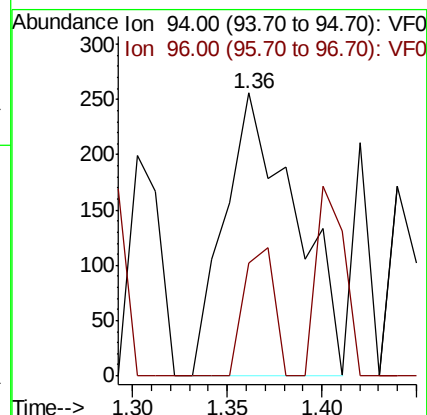
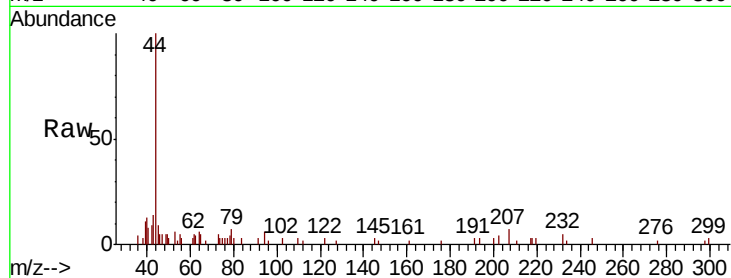
KG-PIT-1

Tot Ion: 94 Resp: 665

Ion Ratio Lower Upper

94 100

96 39.8 73.6 110.4#



#6

Chloroethane

Concen: Below Cal

RT: 1.46 min Scan# 94

Delta R.T. 0.04 min

Lab File: VF059827.D

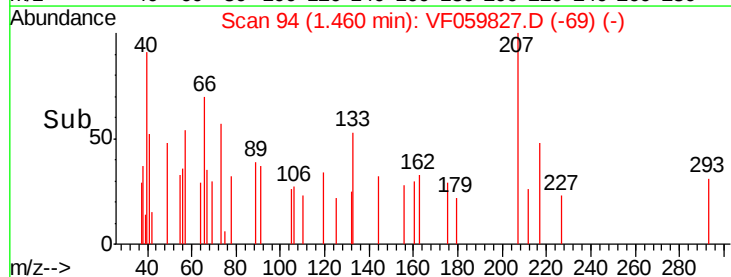
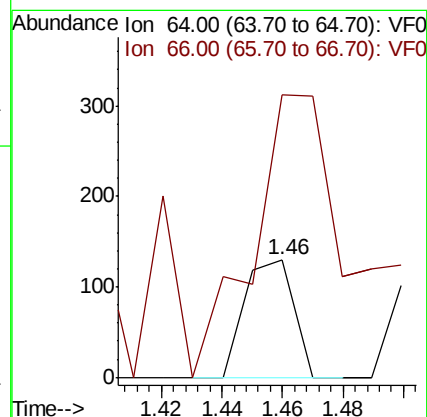
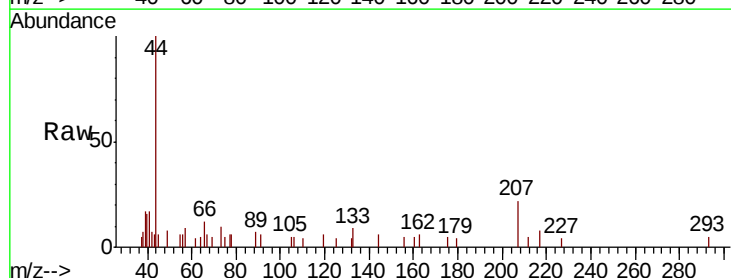
Acq: 3 Aug 2018 9:08

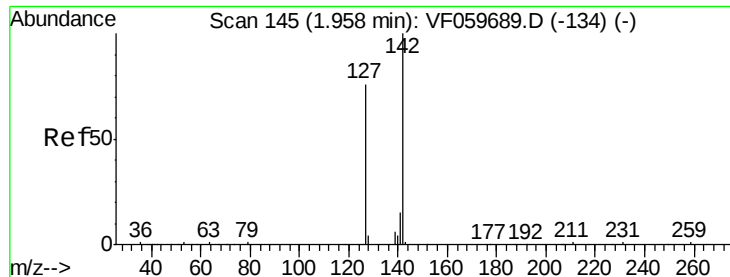
Tgt Ion: 64 Resp: 147

Ion Ratio Lower Upper

64 100

66 240.8 32.6 49.0#

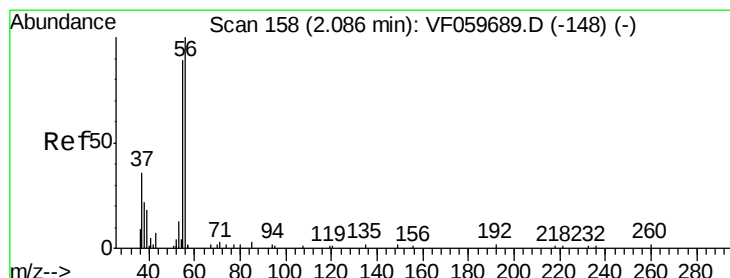
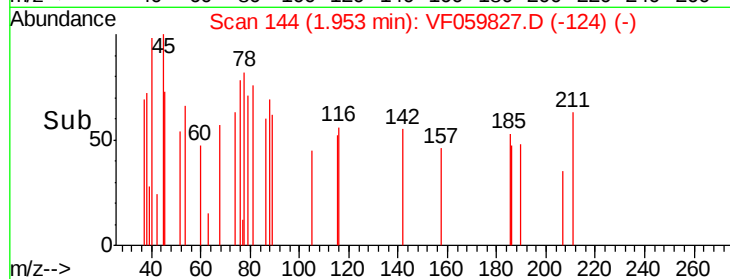
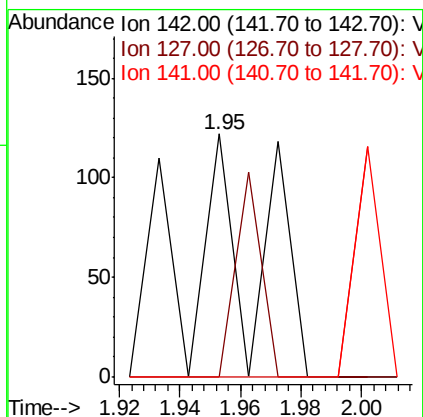
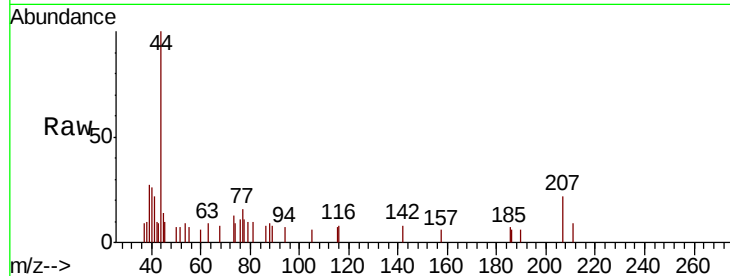




#10
Methyl Iodide
Concen: Below Cal
RT: 1.95 min Scan# 144
Delta R.T. -0.01 min
Lab File: VF059827.D
Acq: 3 Aug 2018 9:08

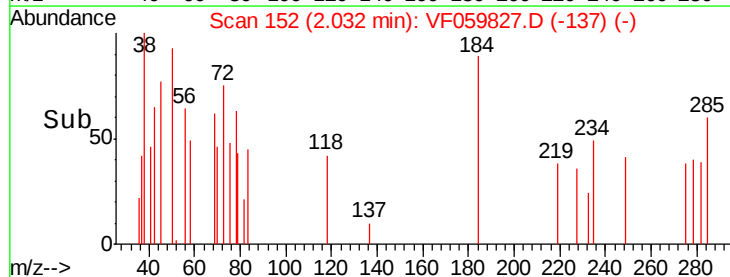
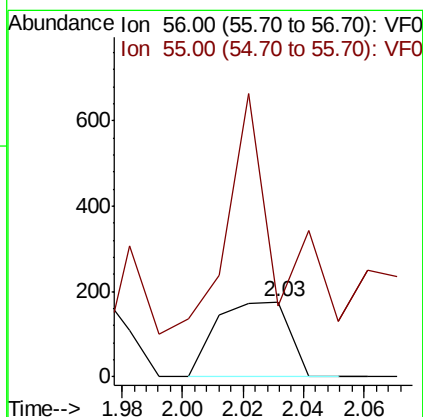
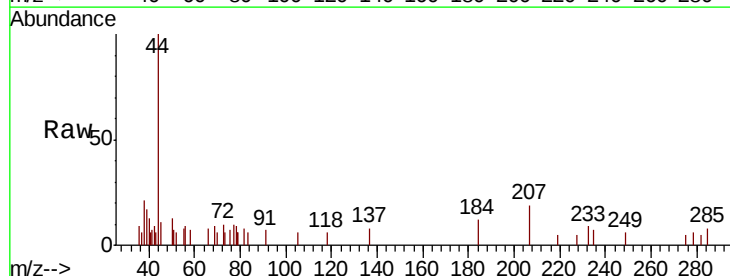
Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-1

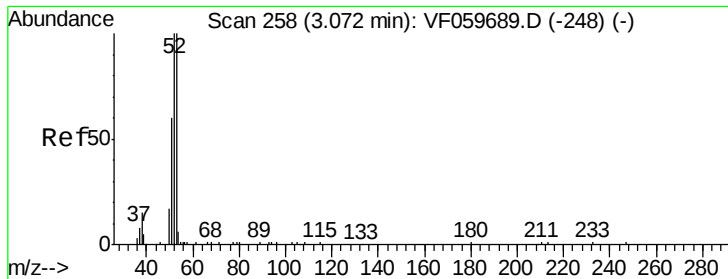
Tot Ion:142 Resp: 142
Ion Ratio Lower Upper
142 100
127 0.0 60.6 91.0#
141 0.0 12.0 18.0#



#13
Acrolein
Concen: 19.81 ug/l
RT: 2.03 min Scan# 152
Delta R.T. -0.05 min
Lab File: VF059827.D
Acq: 3 Aug 2018 9:08

Tgt Ion: 56 Resp: 292
Ion Ratio Lower Upper
56 100
55 93.8 73.2 109.8





#15

Acrylonitrile

Concen: 1.19 ug/l

RT: 3.11 min Scan# 261

Delta R.T. 0.03 min

Lab File: VF059827.D

Acq: 3 Aug 2018 9:08

Instrument :

MSVOA_F

ClientSampled :

KG-PIT-1

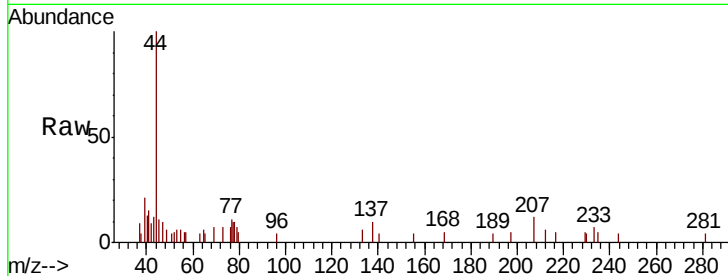
Tot Ion: 53 Resp: 252

Ion Ratio Lower Upper

53 100

52 83.4 80.3 120.5

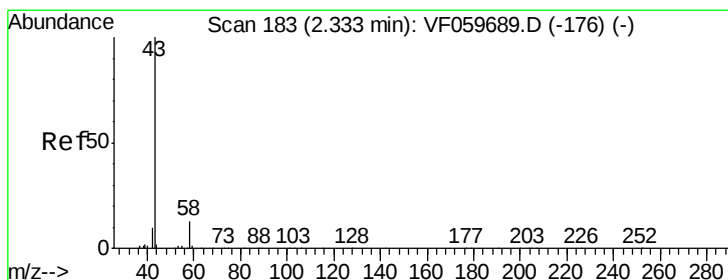
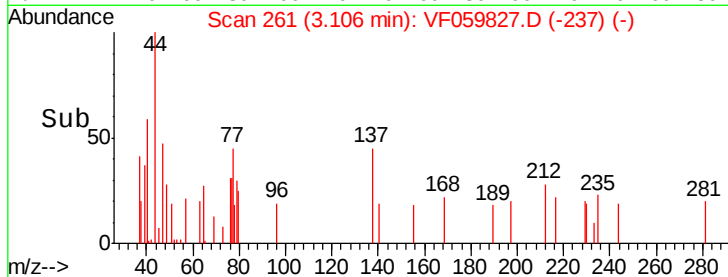
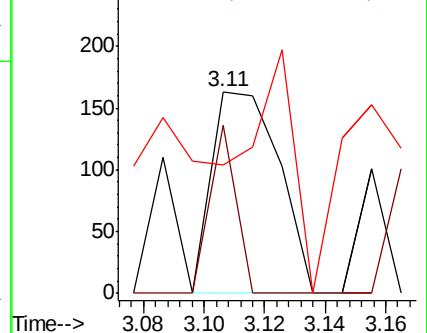
51 63.8 49.4 74.0



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: 18.15 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF059827.D

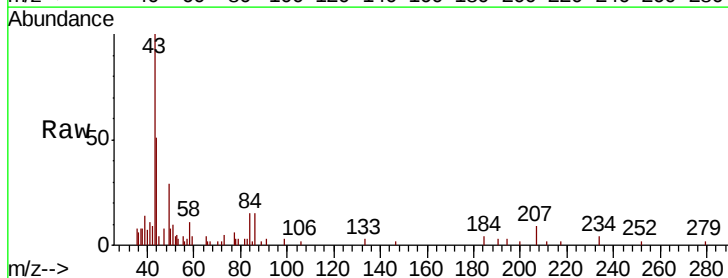
Acq: 3 Aug 2018 9:08

Tgt Ion: 43 Resp: 11289

Ion Ratio Lower Upper

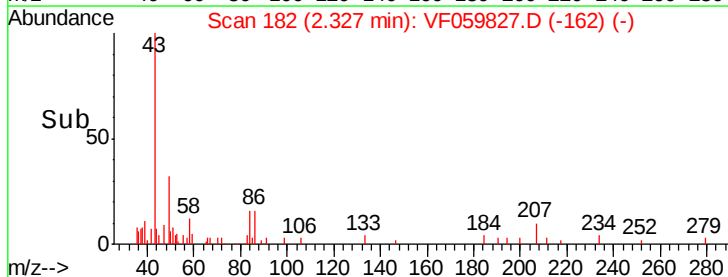
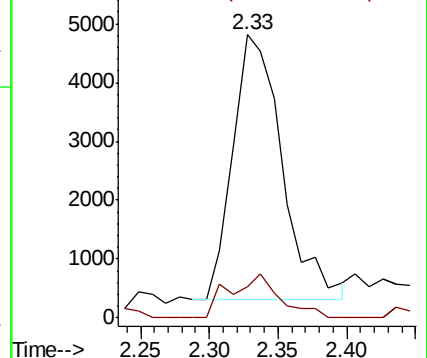
43 100

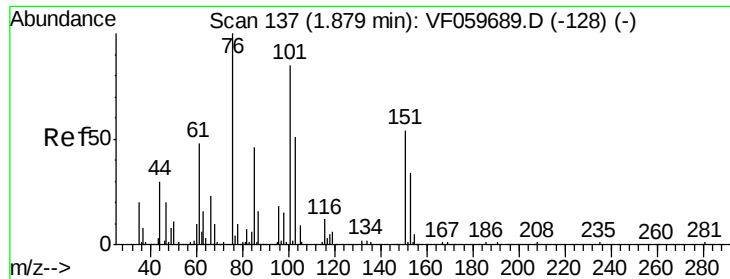
58 11.2 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

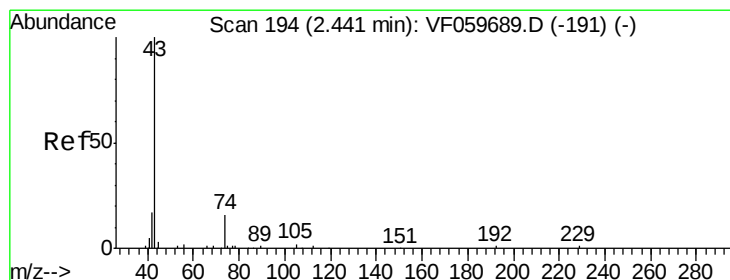
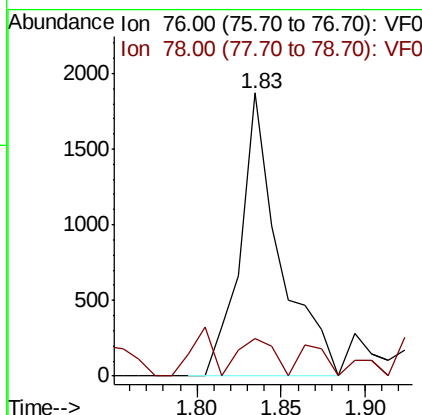
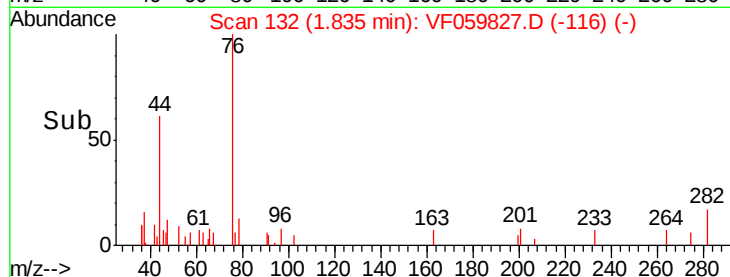
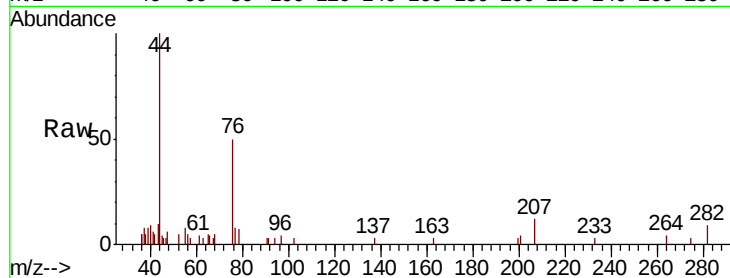




#17
Carbon Disulfide
Concen: Below Cal
RT: 1.83 min Scan# 132
Delta R.T. -0.04 min
Lab File: VF059827.D
Acq: 3 Aug 2018 9:08

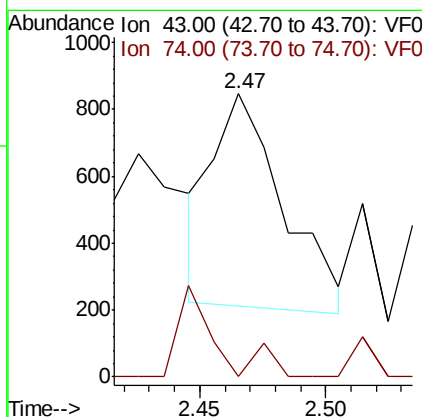
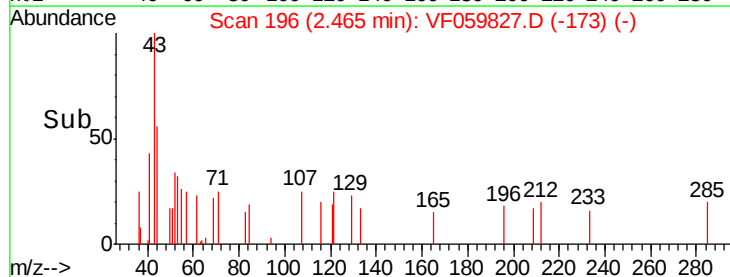
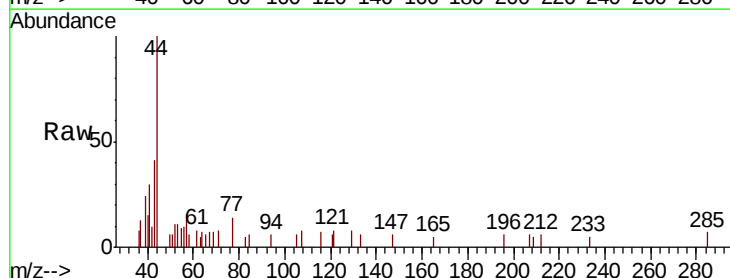
Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-1

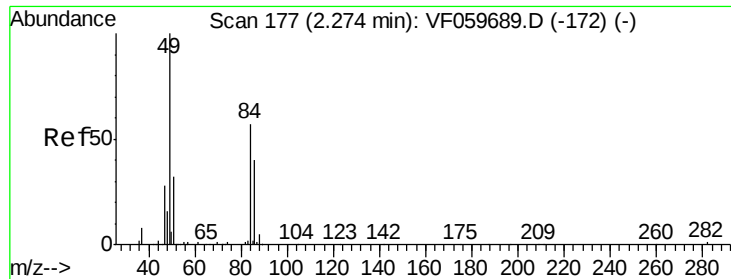
Tot Ion: 76 Resp: 3036
Ion Ratio Lower Upper
76 100
78 13.2 8.9 13.3



#18
Methyl Acetate
Concen: Below Cal
RT: 2.47 min Scan# 196
Delta R.T. 0.02 min
Lab File: VF059827.D
Acq: 3 Aug 2018 9:08

Tgt Ion: 43 Resp: 1228
Ion Ratio Lower Upper
43 100
74 0.0 11.8 17.6#

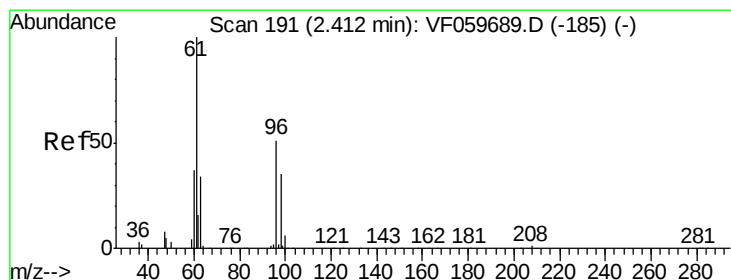
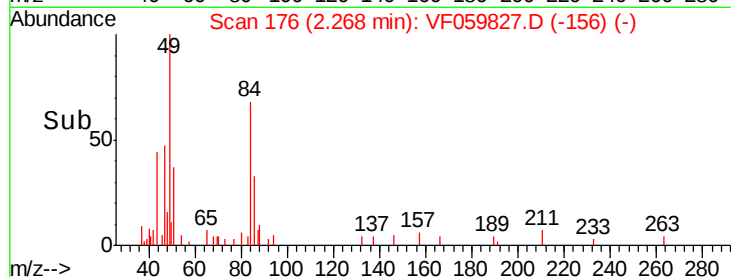
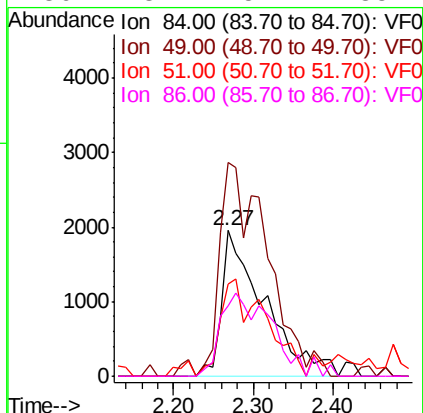
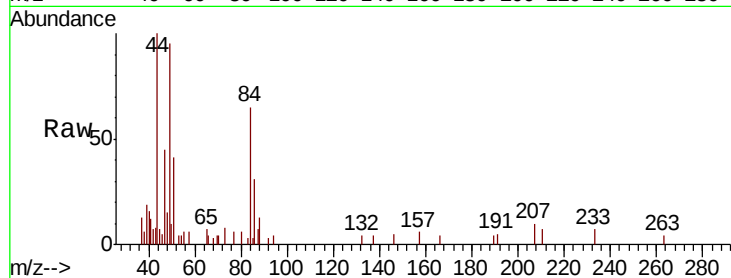




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 176
Delta R.T. -0.00 min
Lab File: VF059827.D
Acq: 3 Aug 2018 9:08

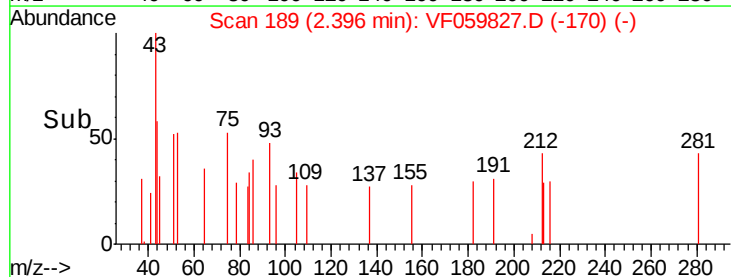
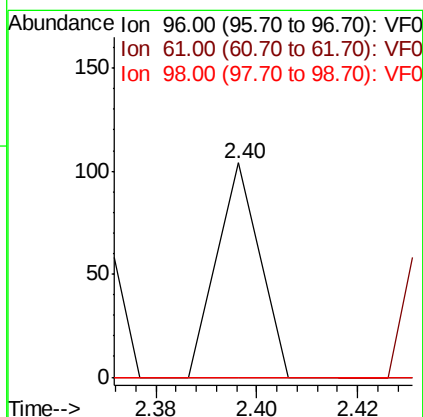
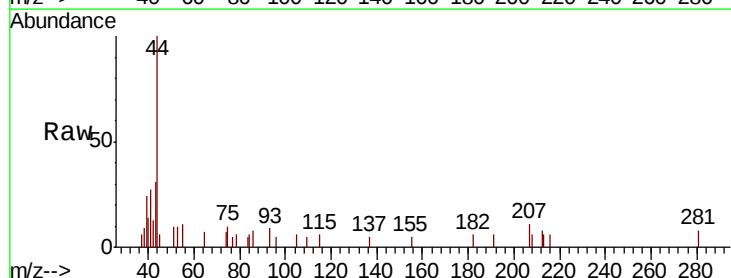
Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-1

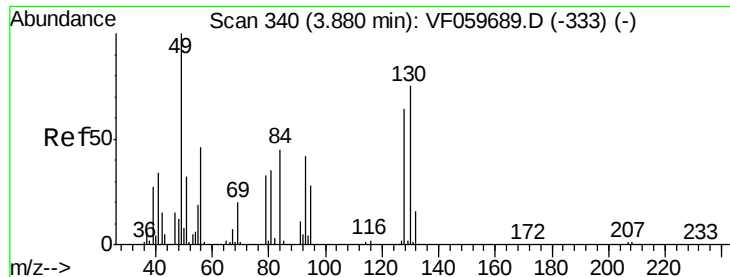
Tot Ion: 84 Resp: 7298
Ion Ratio Lower Upper
84 100
49 146.5 142.2 213.4
51 62.8 46.2 69.2
86 48.2 57.1 85.7#



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 2.40 min Scan# 189
Delta R.T. -0.01 min
Lab File: VF059827.D
Acq: 3 Aug 2018 9:08

Tgt Ion: 96 Resp: 62
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: 3.84 min Scan# 335

Delta R.T. -0.04 min

Lab File: VF059827.D

Acq: 3 Aug 2018 9:08

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-1

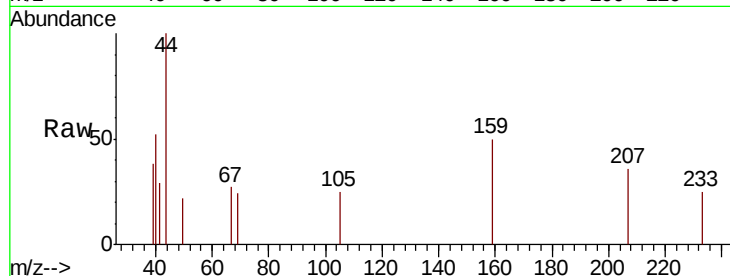
Tot Ion: 49 Resp: 67

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

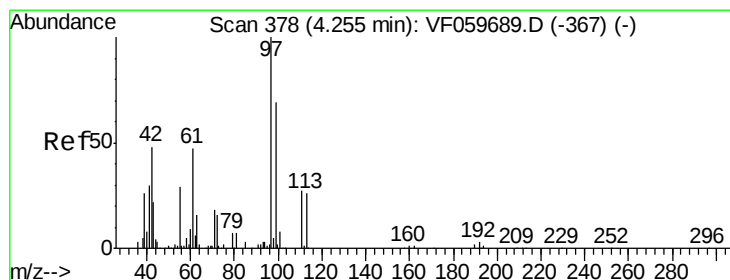
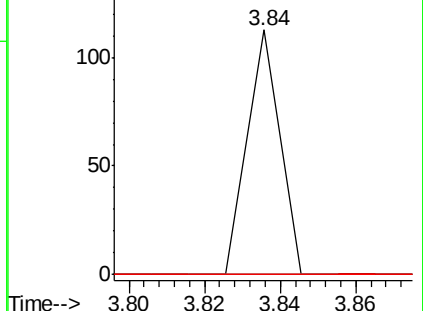
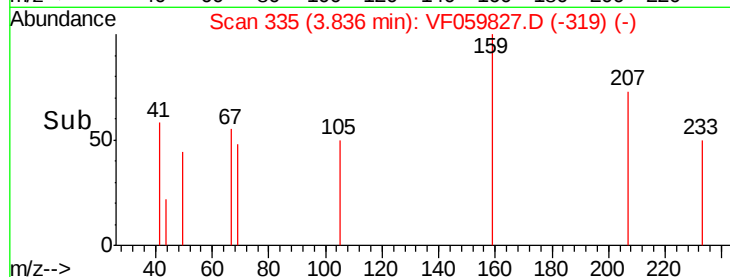
130 0.0 59.6 89.4#



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



#29

Tetrahydrofuran

Concen: 1.66 ug/l

RT: 4.27 min Scan# 379

Delta R.T. 0.01 min

Lab File: VF059827.D

Acq: 3 Aug 2018 9:08

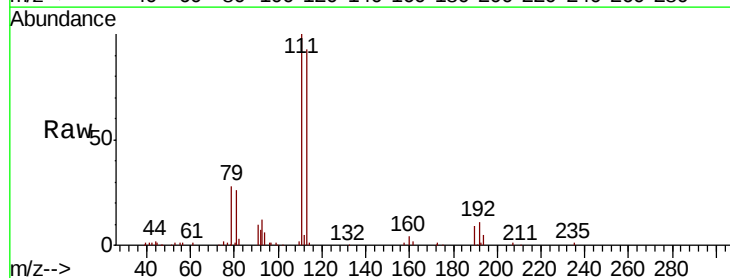
Tgt Ion: 42 Resp: 444

Ion Ratio Lower Upper

42 100

72 0.0 27.0 40.6#

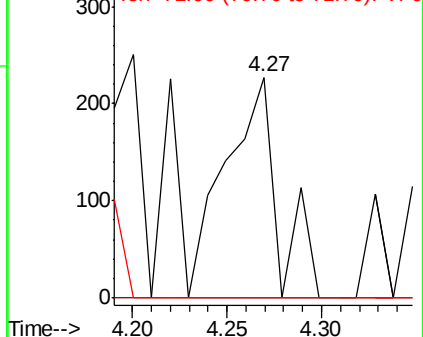
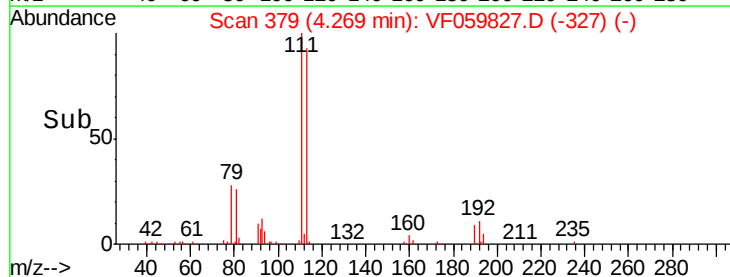
71 0.0 29.7 44.5#

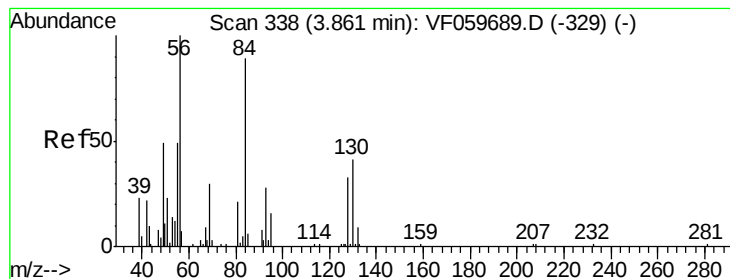


Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0





#31

Cvclohexane

Concen: Below Cal

RT: 3.88 min Scan# 340

Delta R.T. 0.02 min

Lab File: VF059827.D

Acq: 3 Aug 2018 9:08

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-1

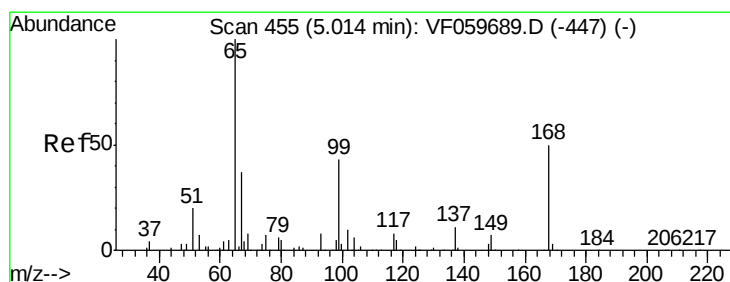
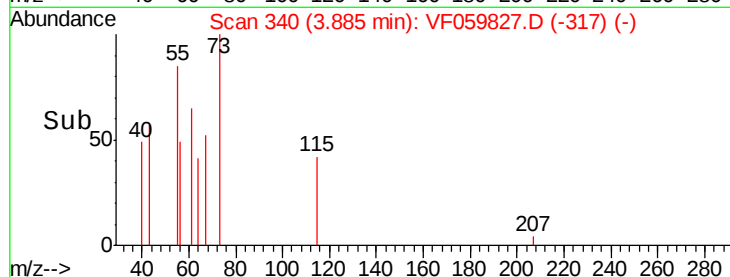
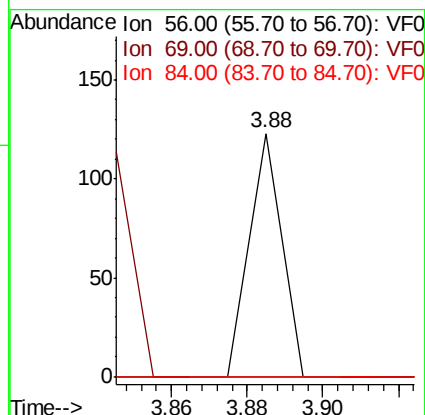
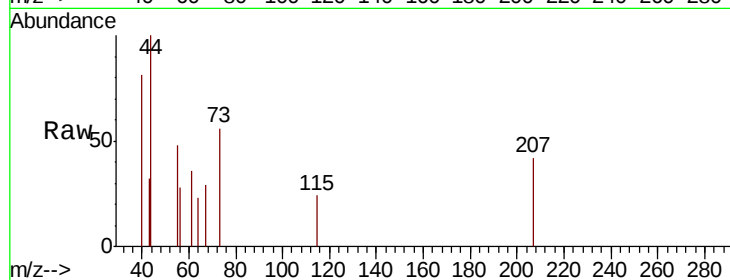
Tot Ion: 56 Resp: 73

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: 41.55 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059827.D

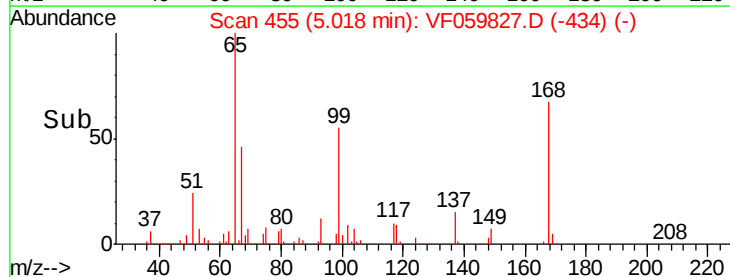
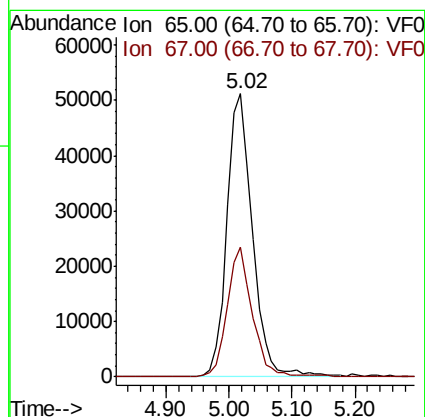
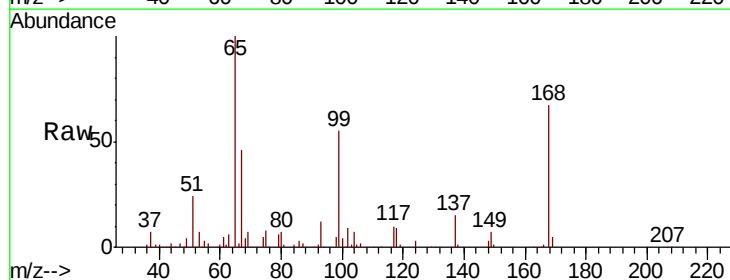
Acq: 3 Aug 2018 9:08

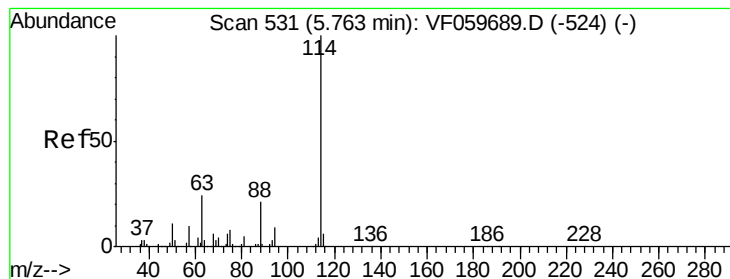
Tgt Ion: 65 Resp: 143692

Ion Ratio Lower Upper

65 100

67 45.9 0.0 84.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059827.D

Acq: 3 Aug 2018 9:08

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-1

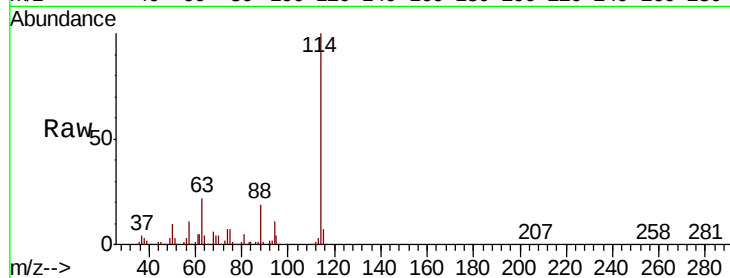
Tot Ion:114 Resp: 262433

Ion Ratio Lower Upper

114 100

63 22.3 0.0 47.4

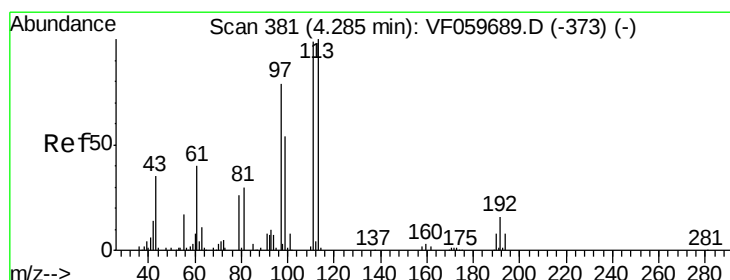
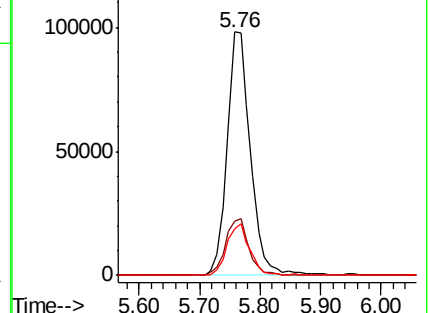
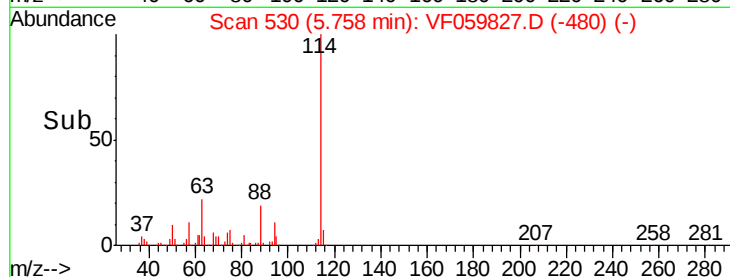
88 19.2 0.0 41.2



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: 45.31 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.00 min

Lab File: VF059827.D

Acq: 3 Aug 2018 9:08

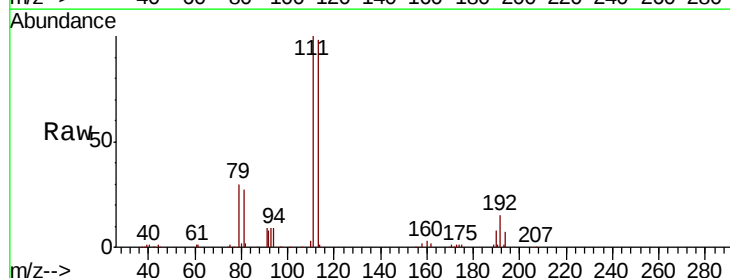
Tgt Ion:113 Resp: 123517

Ion Ratio Lower Upper

113 100

111 102.4 79.0 118.4

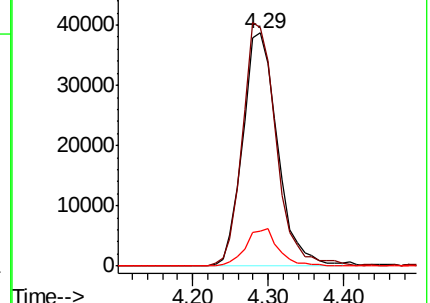
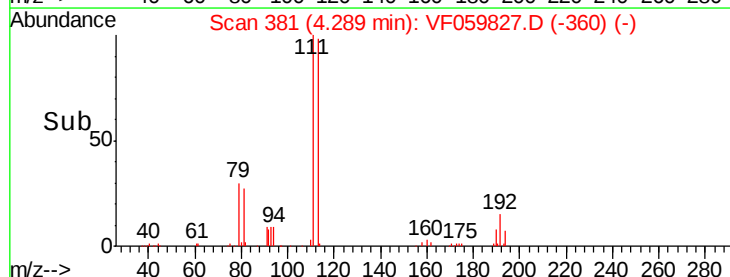
192 14.9 13.2 19.8

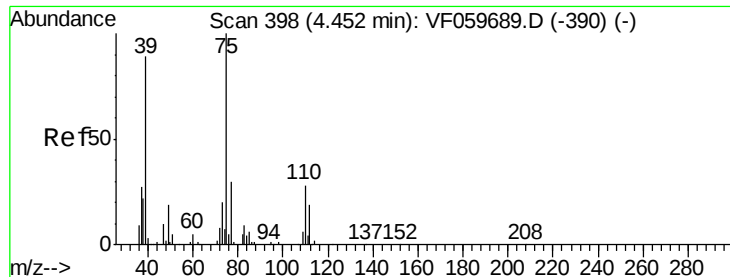


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

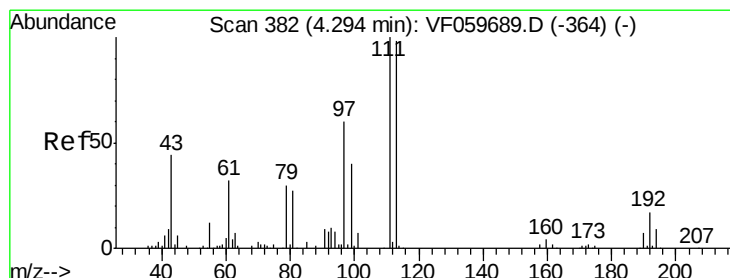
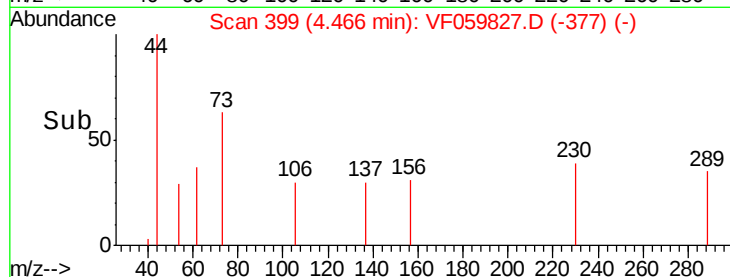
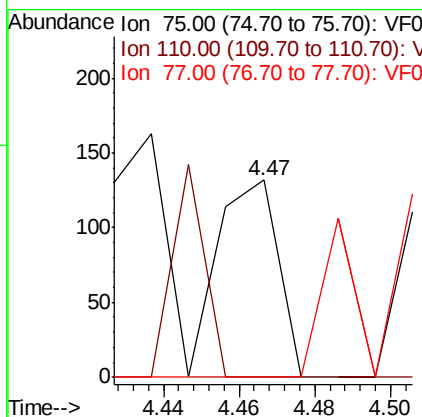
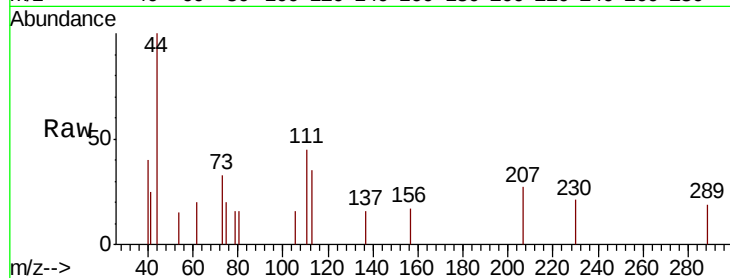




#36
 1,1-Dichloropropene
 Concen: Below Cal
 RT: 4.47 min Scan# 399
 Delta R.T. 0.01 min
 Lab File: VF059827.D
 Acq: 3 Aug 2018 9:08

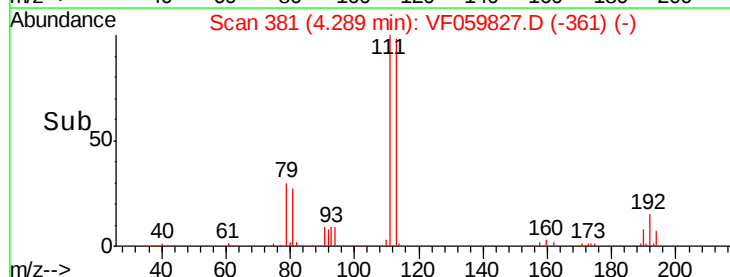
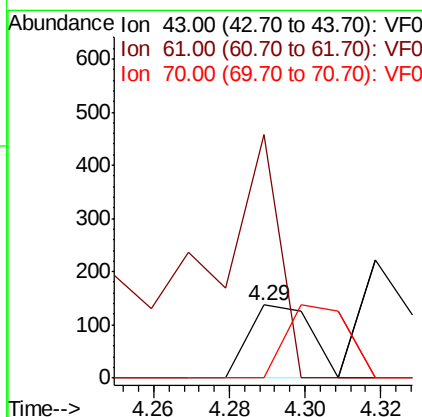
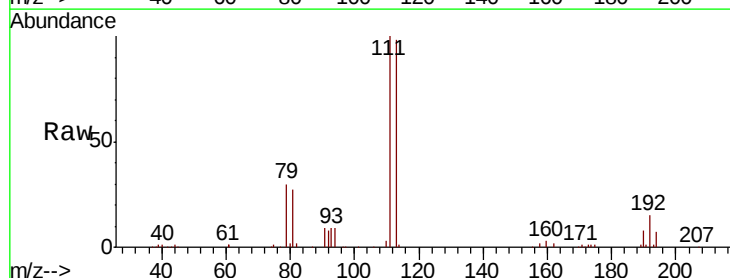
Instrument :
 MSVOA_F
 ClientSampled :
 KG-PIT-1

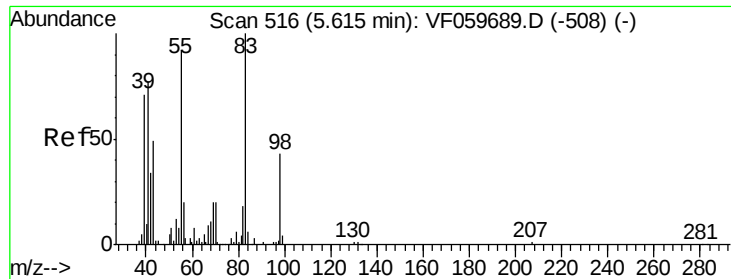
Tot Ion: 75 Resp: 146
 Ion Ratio Lower Upper
 75 100
 110 225.0 14.0 41.9#
 77 0.0 24.2 36.2#



#37
 Ethyl Acetate
 Concen: Below Cal
 RT: 4.29 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VF059827.D
 Acq: 3 Aug 2018 9:08

Tgt Ion: 43 Resp: 156
 Ion Ratio Lower Upper
 43 100
 61 334.3 58.2 87.2#
 70 0.0 6.0 9.0#

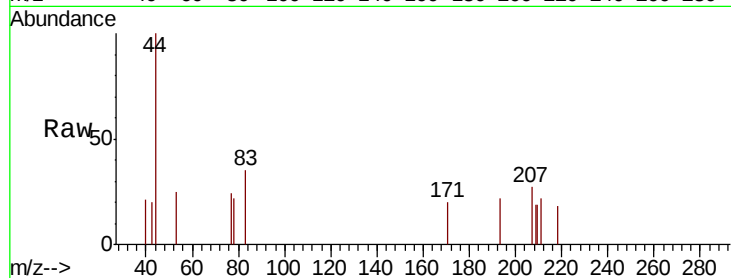




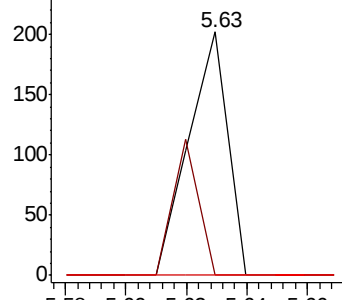
#39
Methylcyclohexane
Concen: Below Cal
RT: 5.63 min Scan# 517
Delta R.T. 0.01 min
Lab File: VF059827.D
Acq: 3 Aug 2018 9:08

Instrument :
MSVOA_F
ClientSampled :
KG-PIT-1

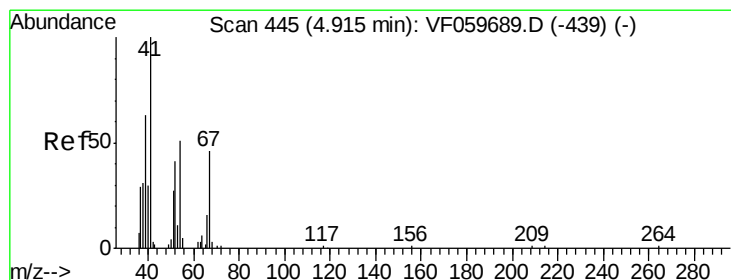
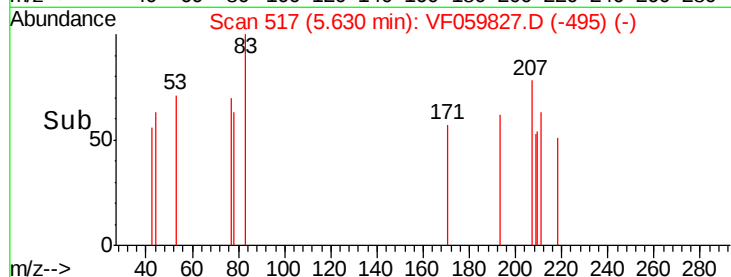
Tot Ion: 83 Resp: 180
Ion Ratio Lower Upper
83 100
55 0.0 73.4 110.2#
98 0.0 34.2 51.4#



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

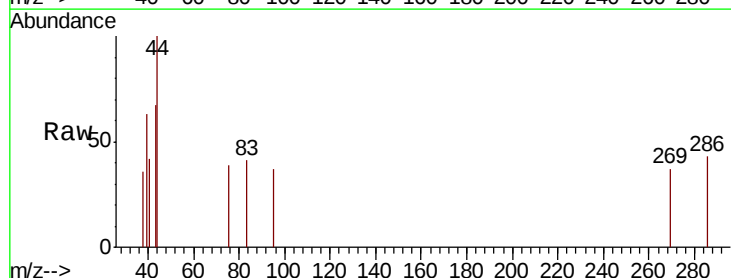


Time--> 5.58 5.60 5.62 5.64 5.66

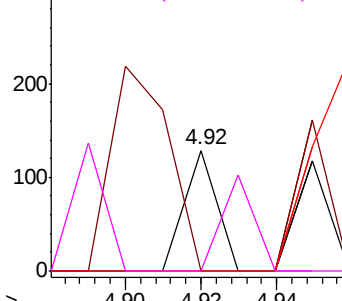


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.92 min Scan# 445
Delta R.T. 0.00 min
Lab File: VF059827.D
Acq: 3 Aug 2018 9:08

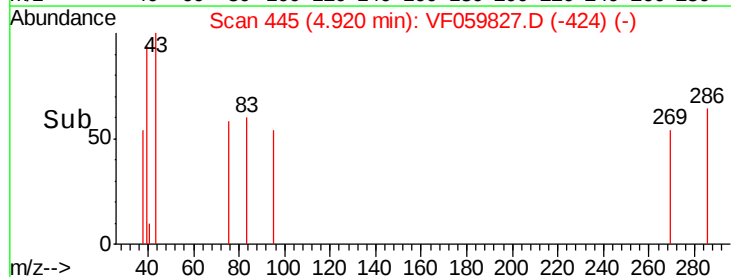
Tgt Ion: 41 Resp: 76
Ion Ratio Lower Upper
41 100
39 149.6 55.2 82.8#
67 0.0 36.2 54.2#
52 0.0 37.7 56.5#

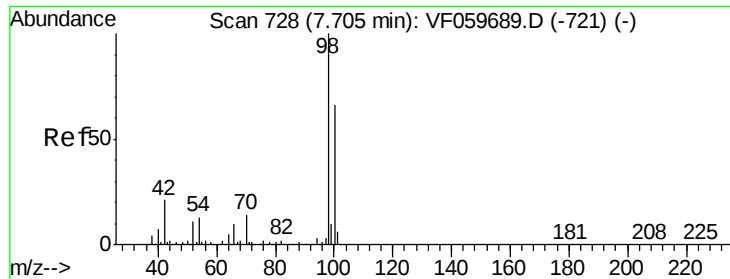


Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0
Ion 67.00 (66.70 to 67.70): VF0
Ion 52.00 (51.70 to 52.70): VF0



Time--> 4.90 4.92 4.94





#50

Toluene-d8

Concen: 30.99 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.00 min

Lab File: VF059827.D

Acq: 3 Aug 2018 9:08

Instrument :

MSVOA_F

ClientSampleId :

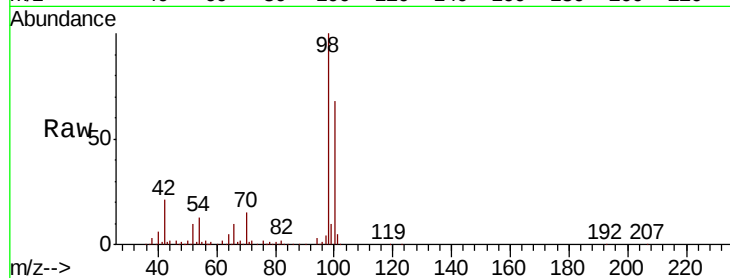
KG-PIT-1

Tot Ion: 98 Resp: 196985

Ion Ratio Lower Upper

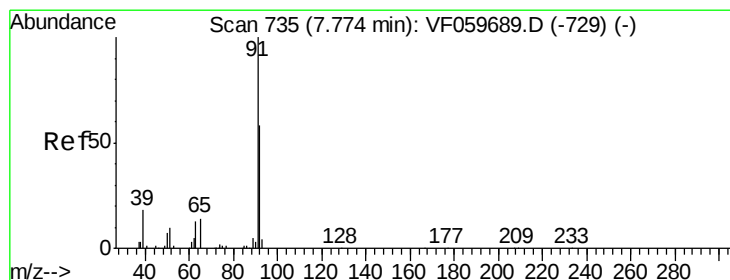
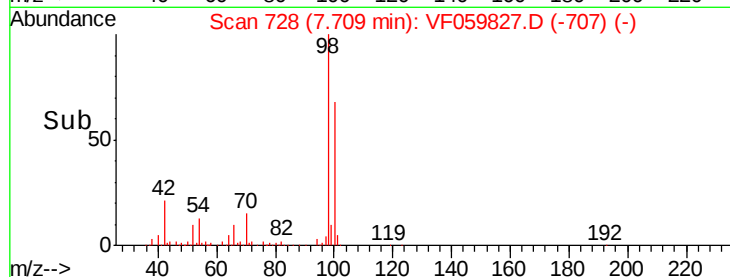
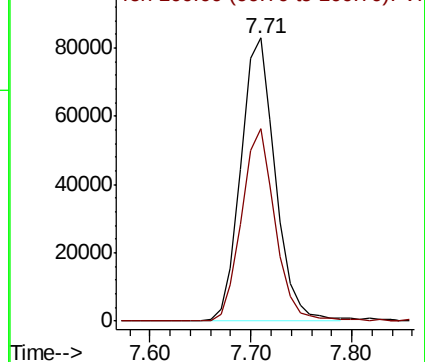
98 100

100 68.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#52

Toluene

Concen: Below Cal

RT: 7.79 min Scan# 736

Delta R.T. 0.01 min

Lab File: VF059827.D

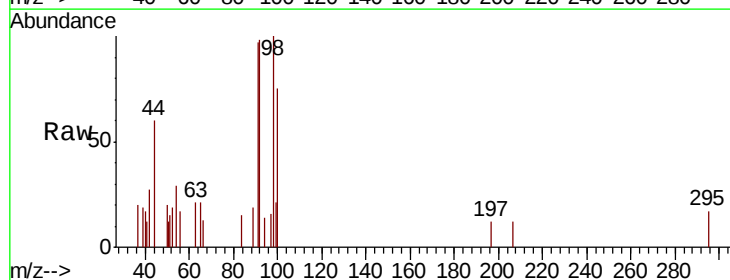
Acq: 3 Aug 2018 9:08

Tgt Ion: 92 Resp: 1656

Ion Ratio Lower Upper

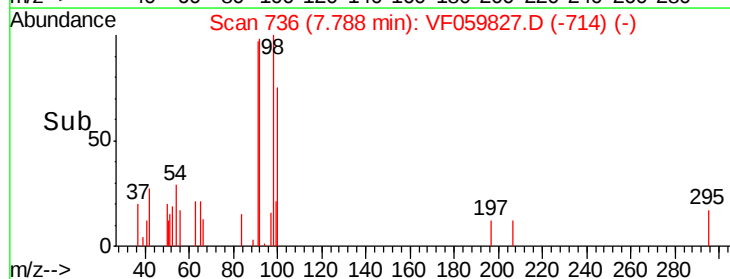
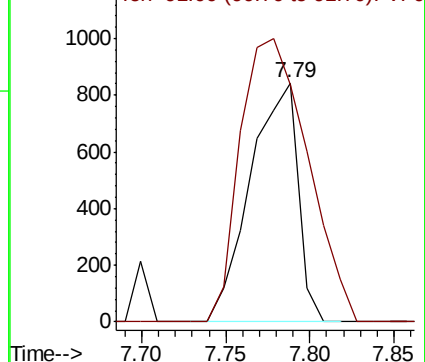
92 100

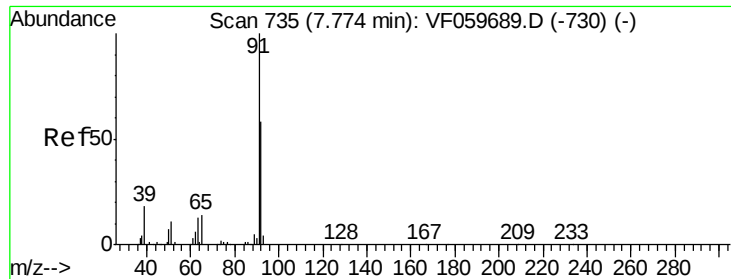
91 99.4 139.0 208.4#



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

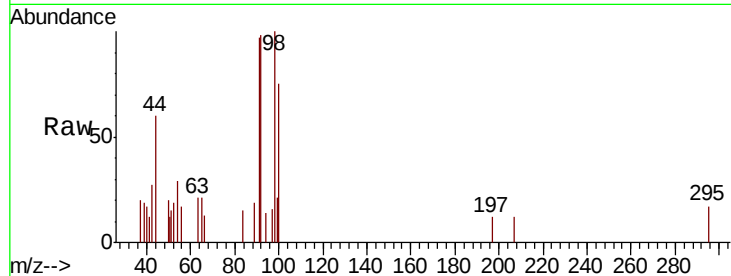




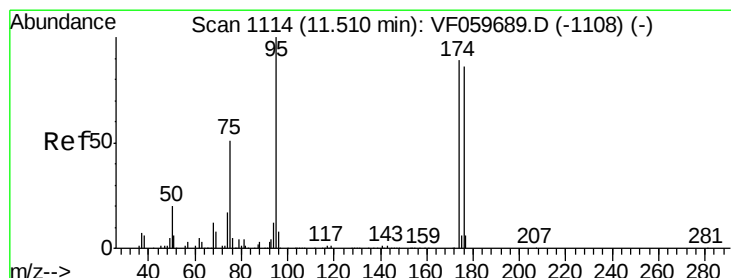
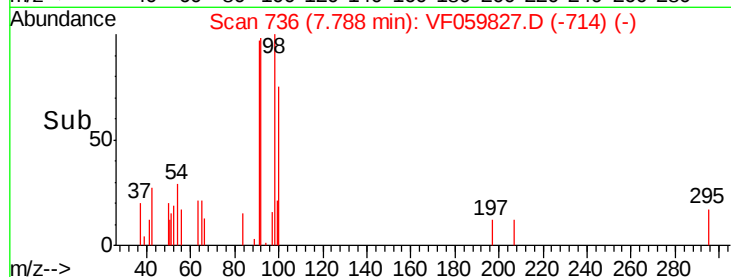
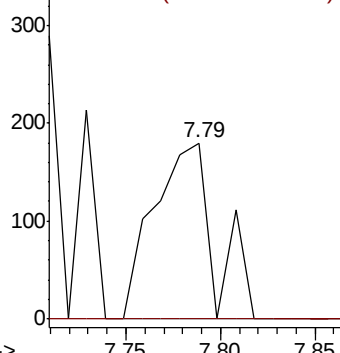
#58
 2-Chloroethyl Vinyl ether
 Concen: 2.33 ug/l
 RT: 7.79 min Scan# 736
 Delta R.T. 0.01 min
 Lab File: VF059827.D
 Acq: 3 Aug 2018 9:08

Instrument :
 MSVOA_F
 ClientSampleId :
 KG-PIT-1

Tot Ion: 63 Resp: 403
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0

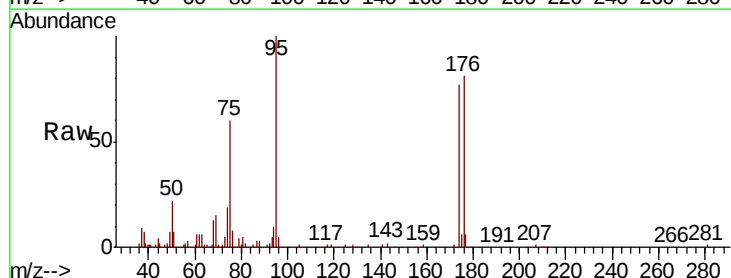


Abundance Ion 63.00 (62.70 to 63.70): VF0
 Ion 106.00 (105.70 to 106.70): V

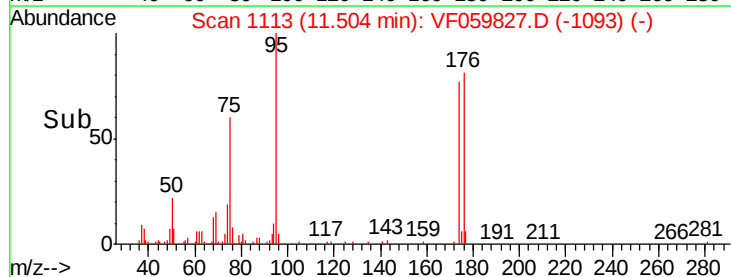
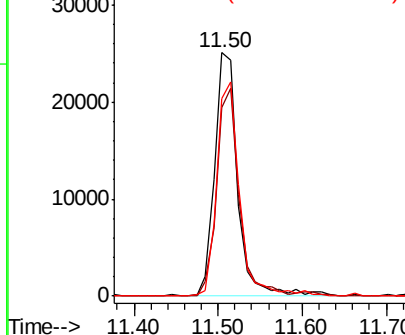


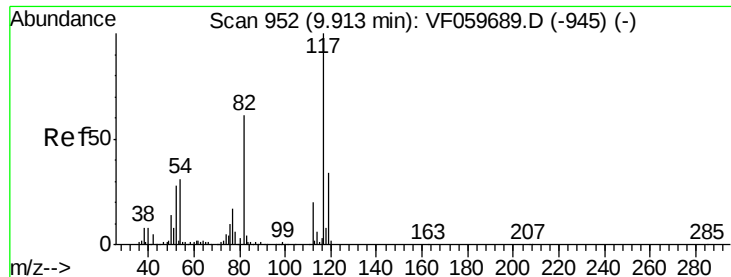
#62
 4-Bromofluorobenzene
 Concen: 13.64 ug/l
 RT: 11.50 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: VF059827.D
 Acq: 3 Aug 2018 9:08

Tgt Ion: 95 Resp: 48011
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 178.4
 176 81.4 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. 0.00 min

Lab File: VF059827.D

Acq: 3 Aug 2018 9:08

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-1

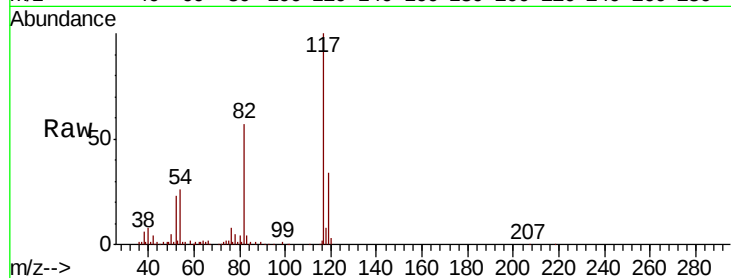
Tot Ion:117 Resp: 159262

Ion Ratio Lower Upper

117 100

82 57.0 49.0 73.4

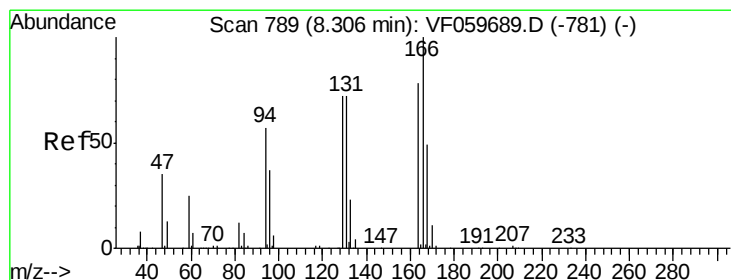
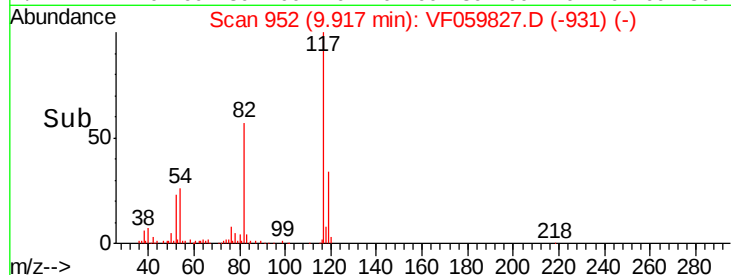
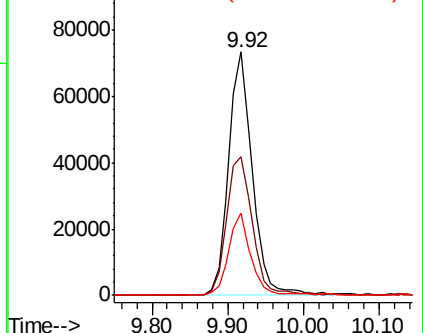
119 33.6 27.3 40.9



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: VF059827.D

Acq: 3 Aug 2018 9:08

Tgt Ion:164 Resp: 523

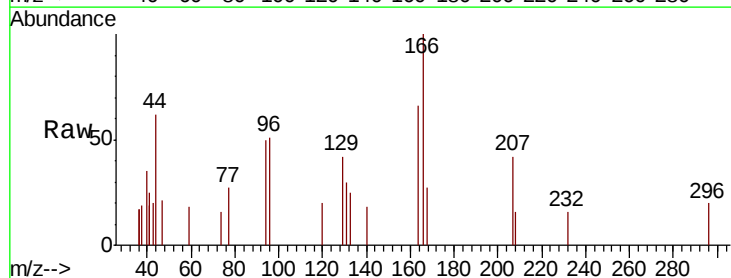
Ion Ratio Lower Upper

164 100

166 152.1 102.1 153.1

129 63.9 73.8 110.6#

131 45.3 73.1 109.7#

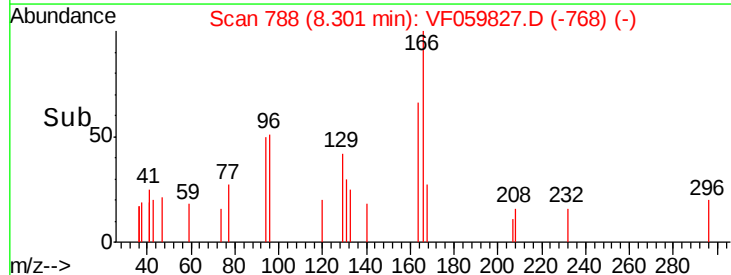
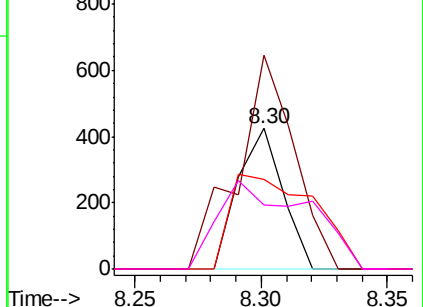


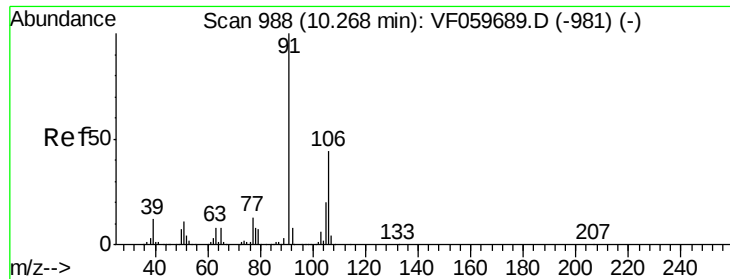
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V

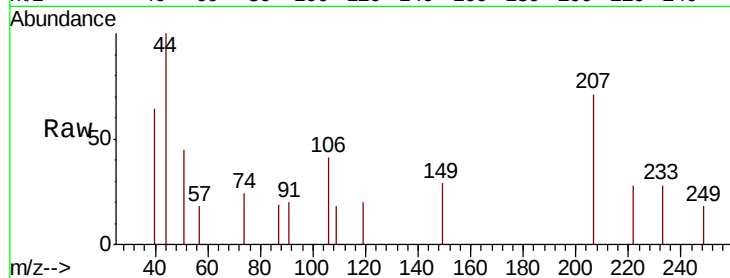




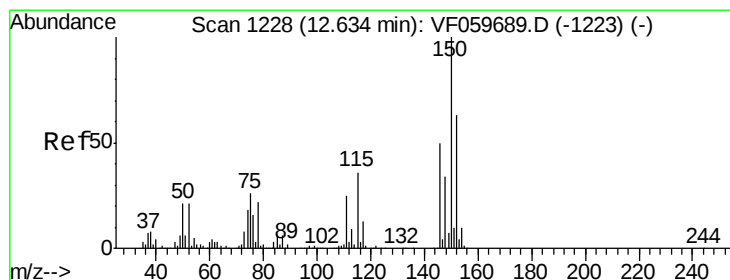
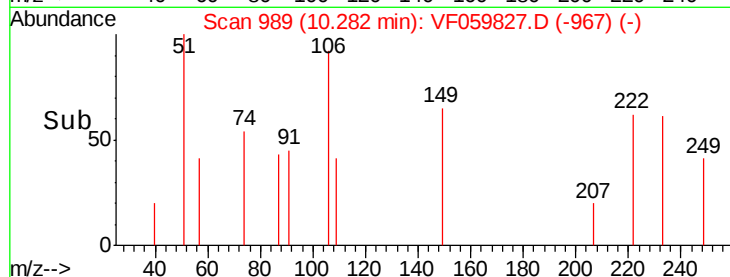
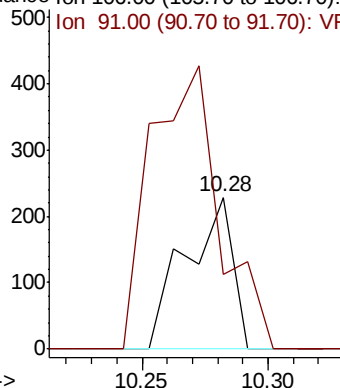
#68
m/p-Xvlenes
Concen: Below Cal
RT: 10.28 min Scan# 989
Delta R.T. 0.02 min
Lab File: VF059827.D
Acq: 3 Aug 2018 9:08

Instrument :
MSVOA_F
ClientSampled :
KG-PIT-1

Tot Ion:106 Resp: 300
Ion Ratio Lower Upper
106 100
91 49.3 181.7 272.5#

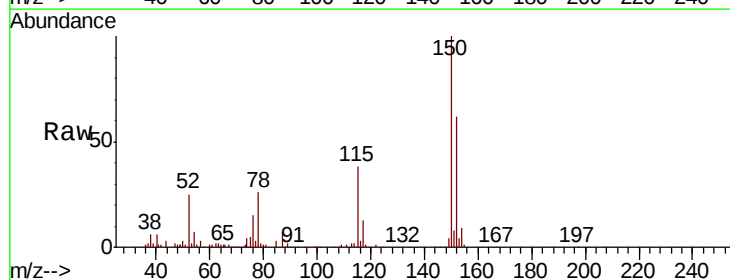


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

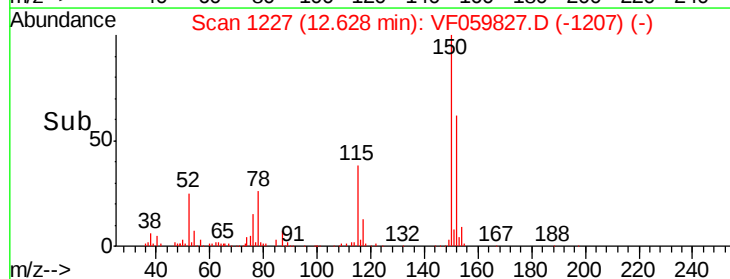
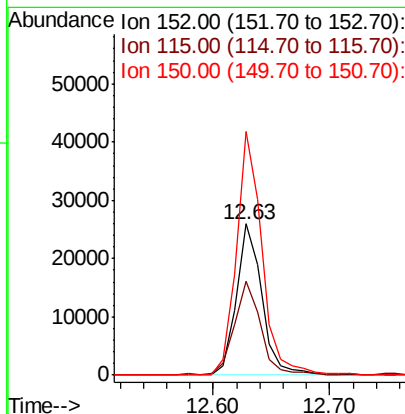


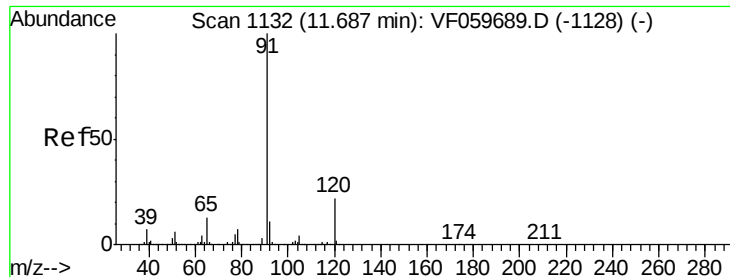
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059827.D
Acq: 3 Aug 2018 9:08

Tgt Ion:152 Resp: 39207
Ion Ratio Lower Upper
152 100
115 62.1 28.2 84.6
150 161.4 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: 11.68 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VF059827.D

Acq: 3 Aug 2018 9:08

Instrument :

MSVOA_F

ClientSampled :

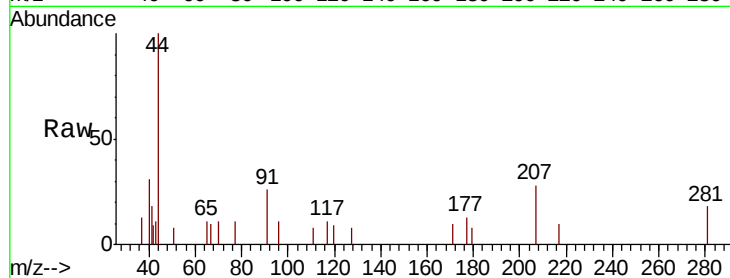
KG-PIT-1

Tot Ion: 91 Resp: 347

Ion Ratio Lower Upper

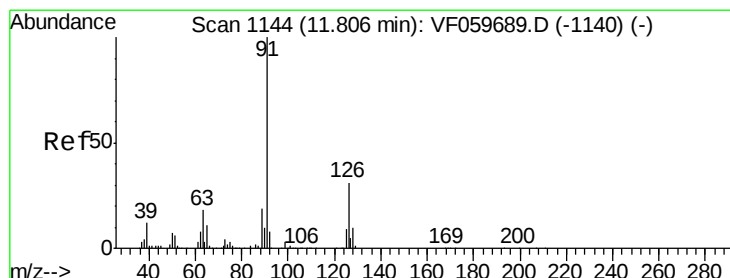
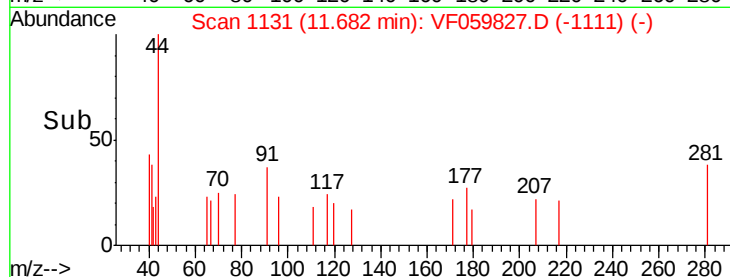
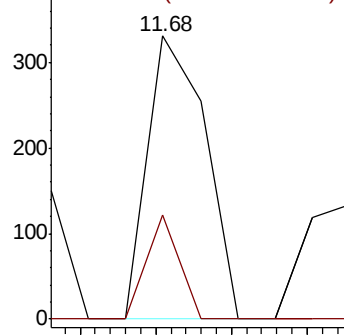
91 100

120 36.6 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. -0.00 min

Lab File: VF059827.D

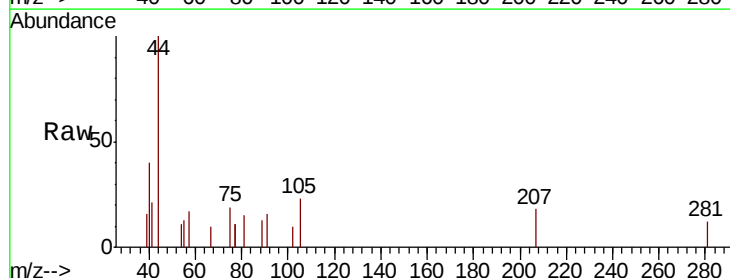
Acq: 3 Aug 2018 9:08

Tgt Ion: 91 Resp: 189

Ion Ratio Lower Upper

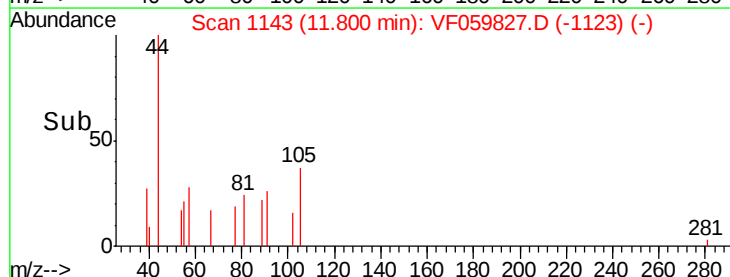
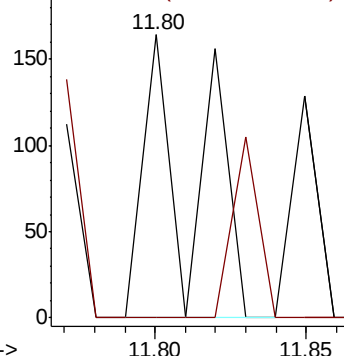
91 100

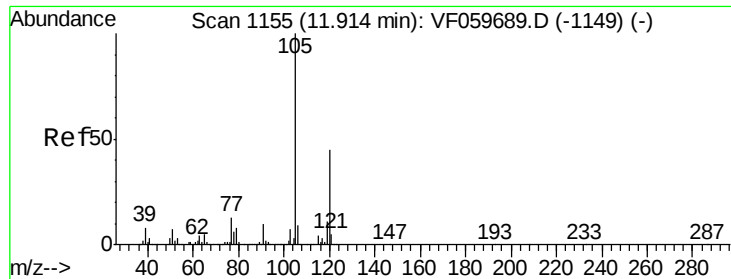
126 0.0 15.4 46.2#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 11.91 min Scan# 1154

Delta R.T. -0.01 min

Lab File: VF059827.D

Acq: 3 Aug 2018 9:08

Instrument :

MSVOA_F

ClientSampled :

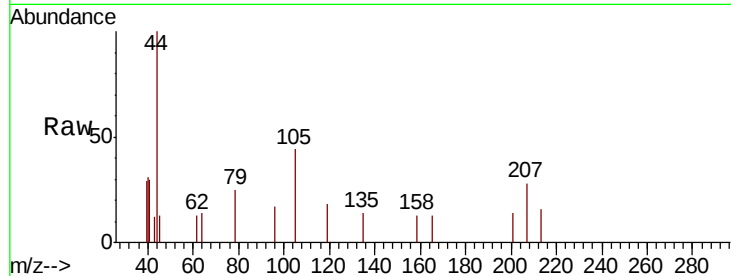
KG-PIT-1

Tot Ion:105 Resp: 413

Ion Ratio Lower Upper

105 100

120 0.0 22.7 68.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.91

400

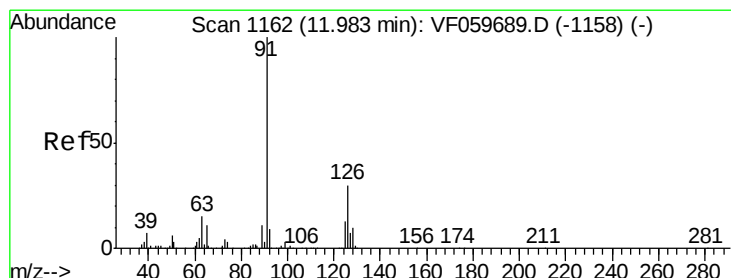
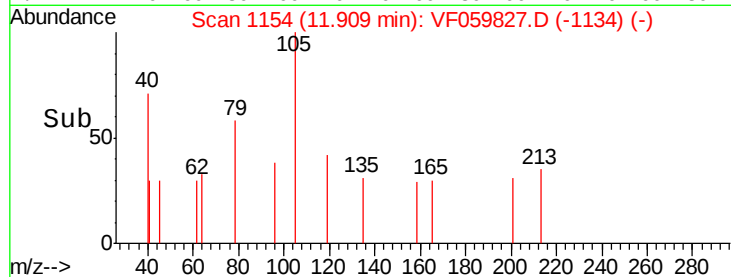
300

200

100

0

Time-->



#82

4-Chlorotoluene

Concen: Below Cal

RT: 11.99 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VF059827.D

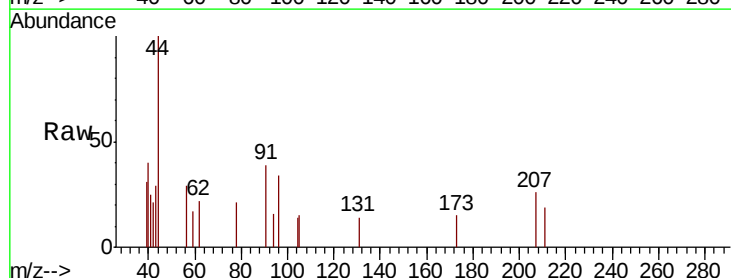
Acq: 3 Aug 2018 9:08

Tgt Ion: 91 Resp: 607

Ion Ratio Lower Upper

91 100

126 0.0 15.2 45.6#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

11.99

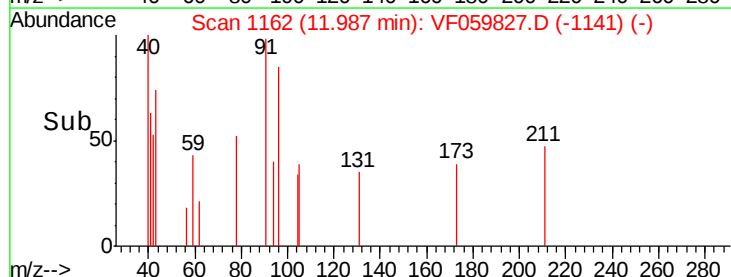
300

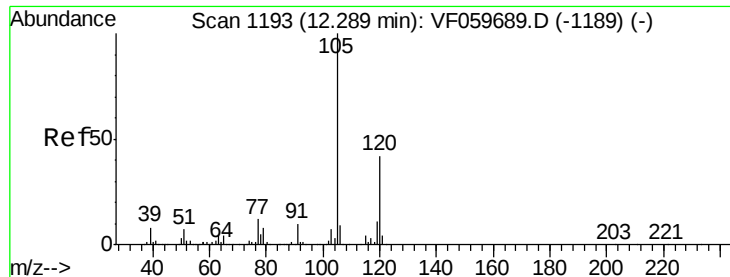
200

100

0

Time-->

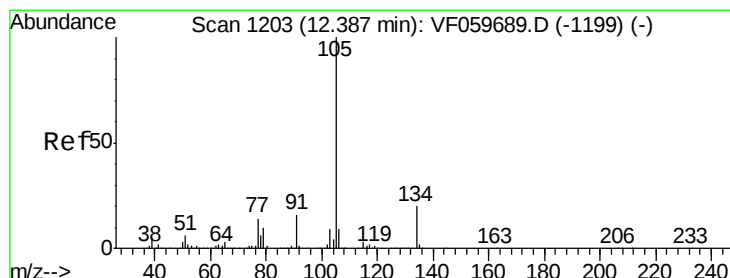
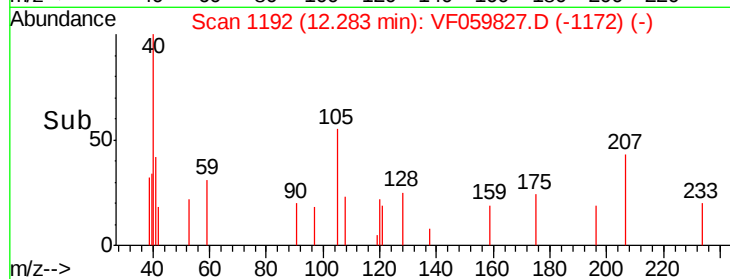
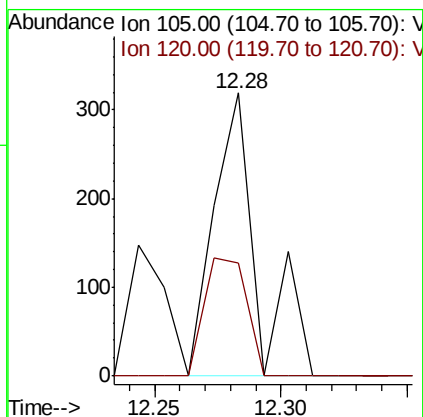
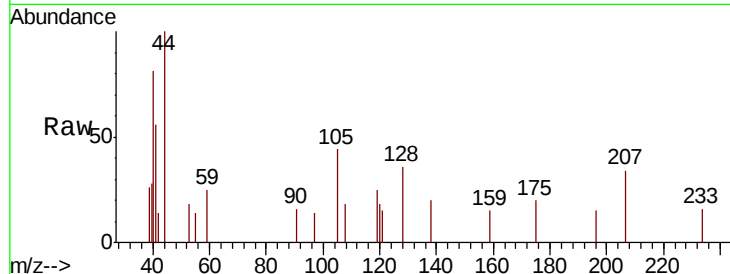




#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 12.28 min Scan# 1192
Delta R.T. -0.00 min
Lab File: VF059827.D
Acq: 3 Aug 2018 9:08

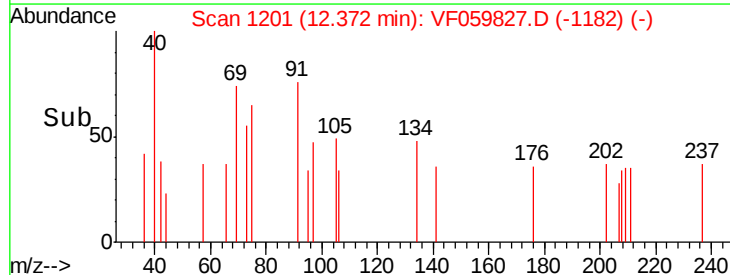
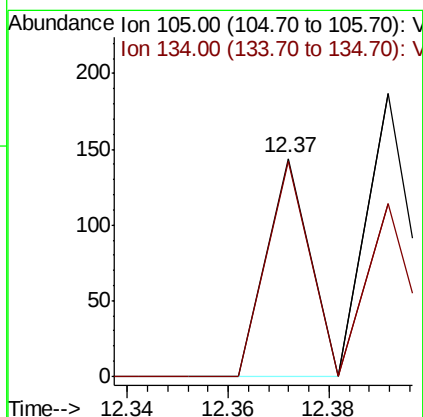
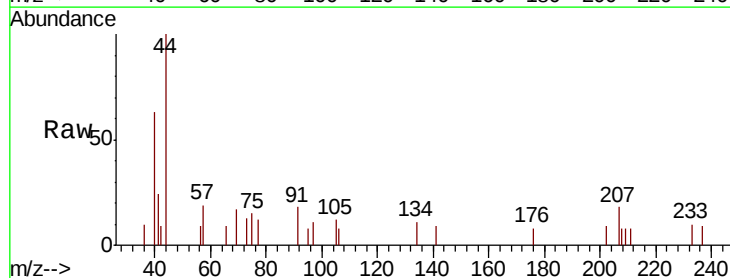
Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-1

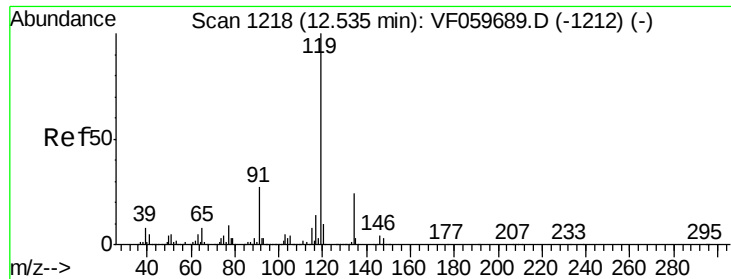
Tot Ion:105 Resp: 386
Ion Ratio Lower Upper
105 100
120 39.8 21.1 63.3



#85
sec-Butylbenzene
Concen: Below Cal
RT: 12.37 min Scan# 1201
Delta R.T. -0.02 min
Lab File: VF059827.D
Acq: 3 Aug 2018 9:08

Tgt Ion:105 Resp: 85
Ion Ratio Lower Upper
105 100
134 98.6 9.8 29.3#

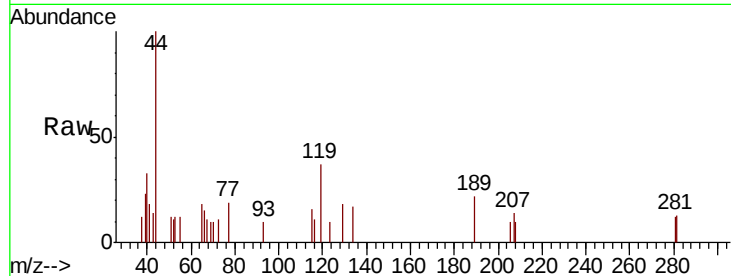




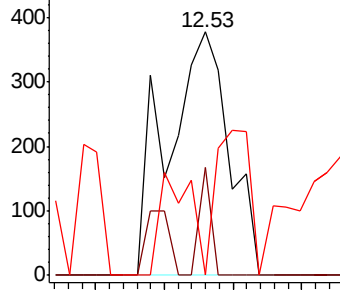
#86
 p-Isopropyltoluene
 Concen: Below Cal
 RT: 12.53 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: VF059827.D
 Acq: 3 Aug 2018 9:08

Instrument :
 MSVOA_F
 ClientSampled :
 KG-PIT-1

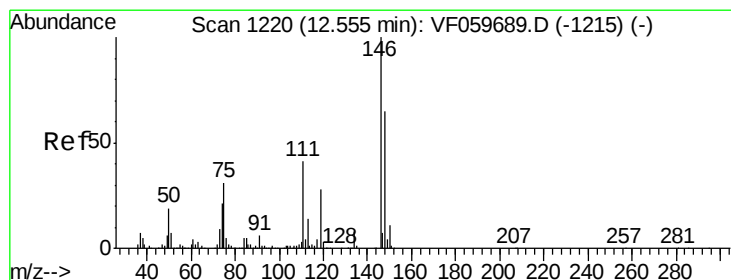
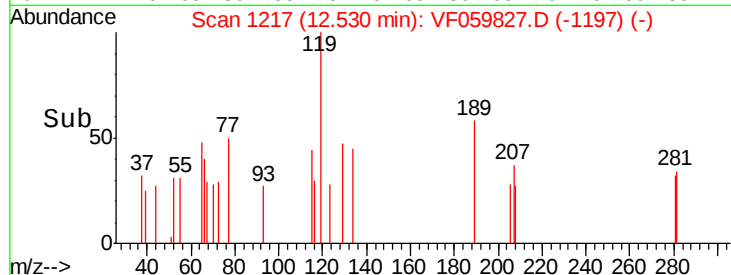
Tot Ion	Ratio	Lower	Upper
119	100		
134	44.6	12.2	36.6#
91	0.0	13.4	40.2#



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

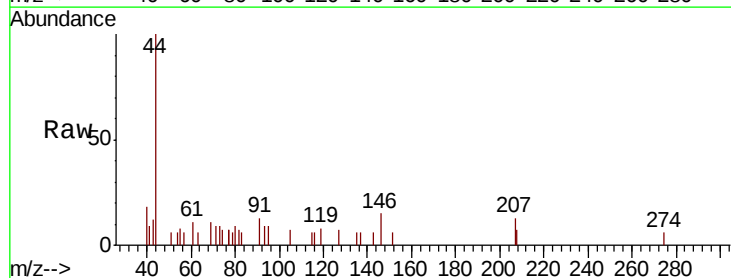


Time-->

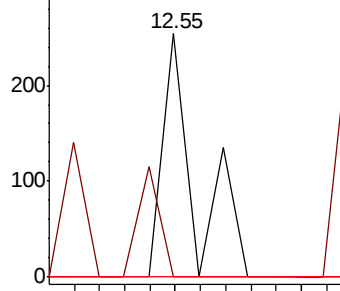


#87
 1,3-Dichlorobenzene
 Concen: Below Cal
 RT: 12.55 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VF059827.D
 Acq: 3 Aug 2018 9:08

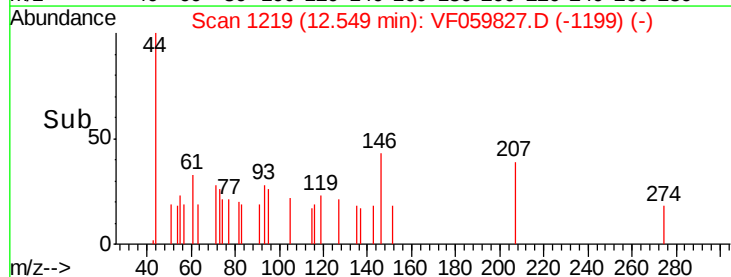
Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.7	62.1#
148	0.0	32.3	96.8#

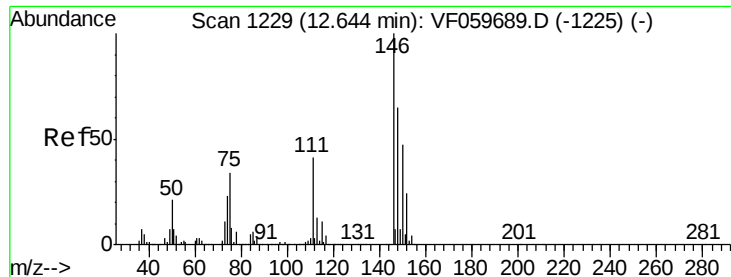


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



Time-->

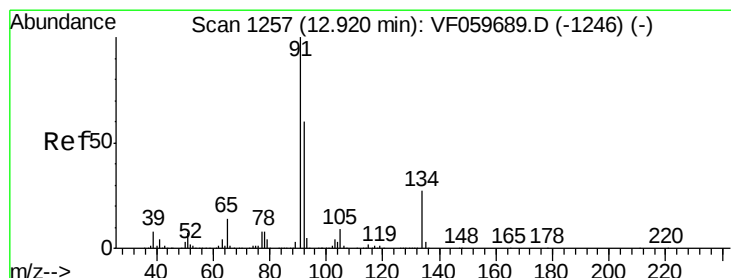
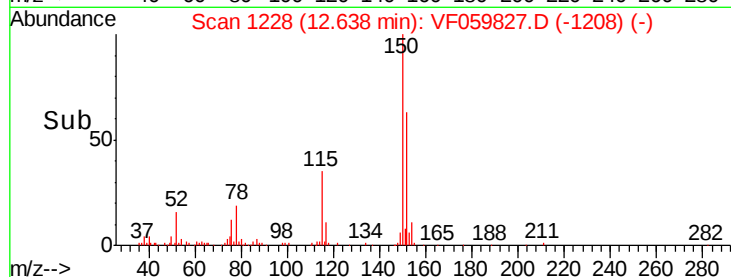
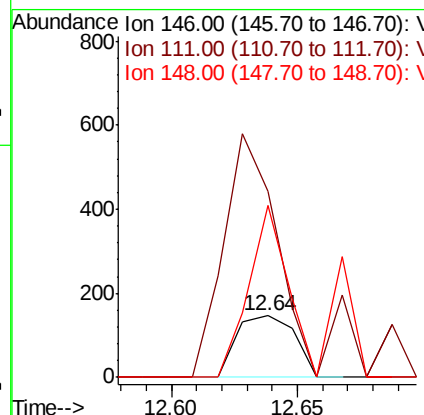
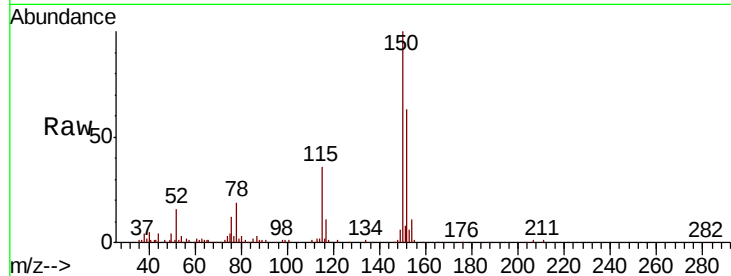




#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 12.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VF059827.D
 Acq: 3 Aug 2018 9:08

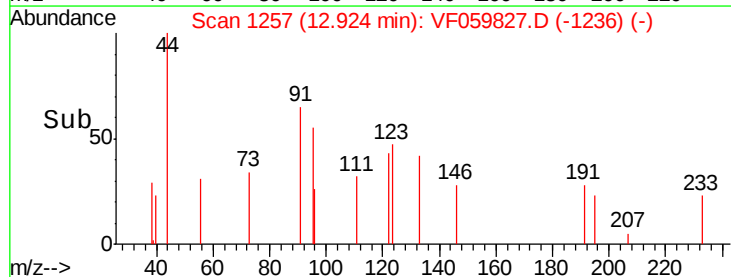
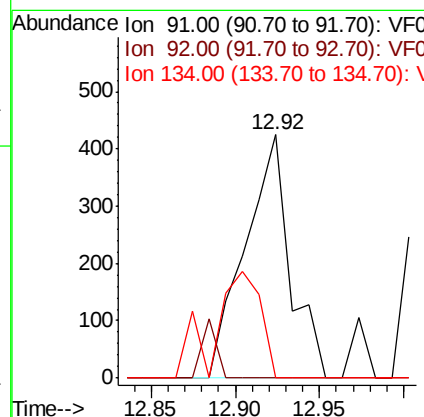
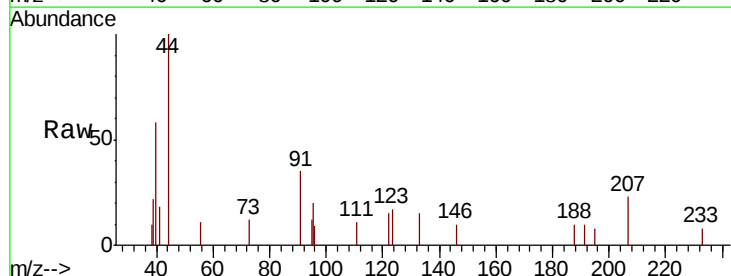
Instrument :
 MSVOA_F
 ClientSampleId :
 KG-PIT-1

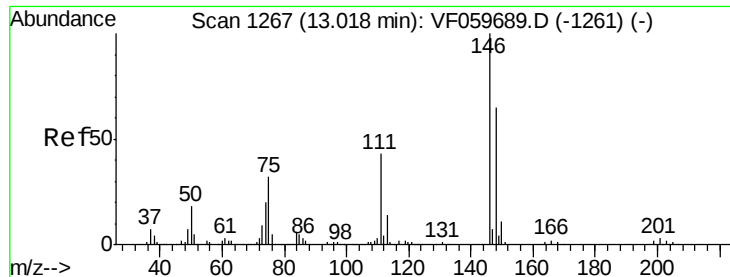
Tot Ion	Ratio	Lower	Upper
146	100		
111	302.0	20.8	62.2#
148	278.2	32.3	96.9#



#89
 n-Butylbenzene
 Concen: Below Cal
 RT: 12.92 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: VF059827.D
 Acq: 3 Aug 2018 9:08

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

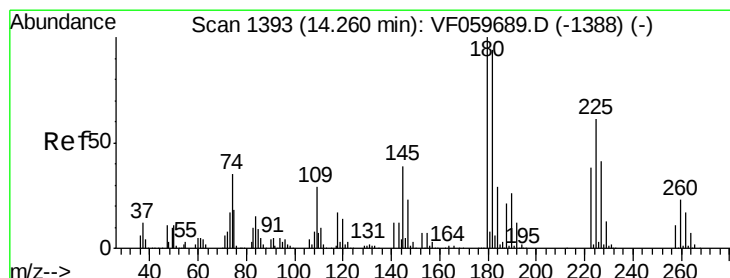
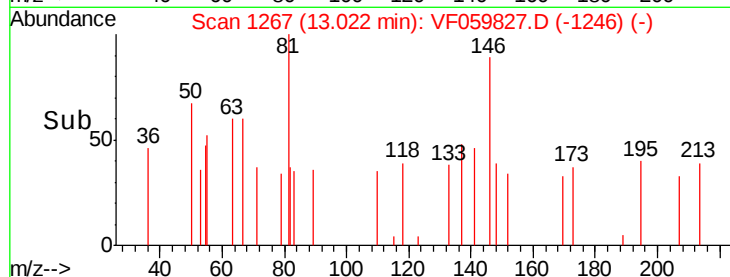
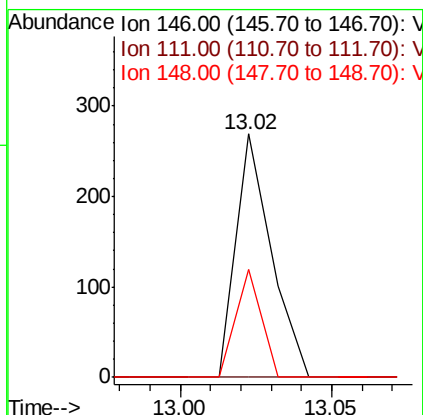
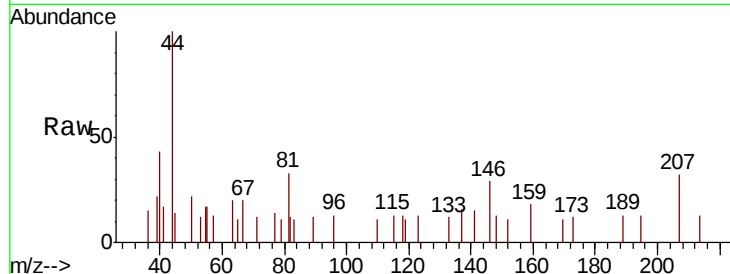




#91
 1,2-Dichlorobenzene
 Concen: Below Cal
 RT: 13.02 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VF059827.D
 Acq: 3 Aug 2018 9:08

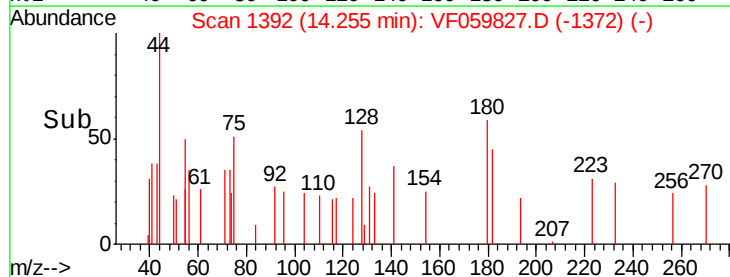
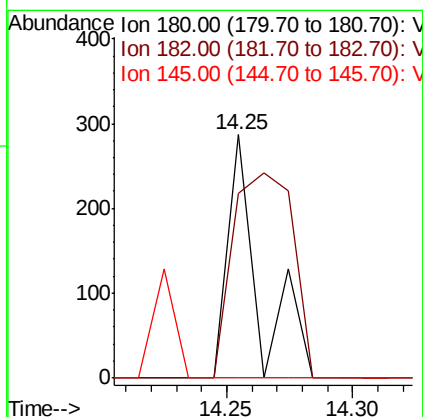
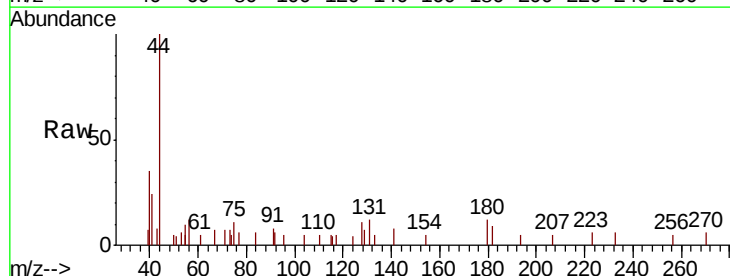
Instrument :
 MSVOA_F
 ClientSampled :
 KG-PIT-1

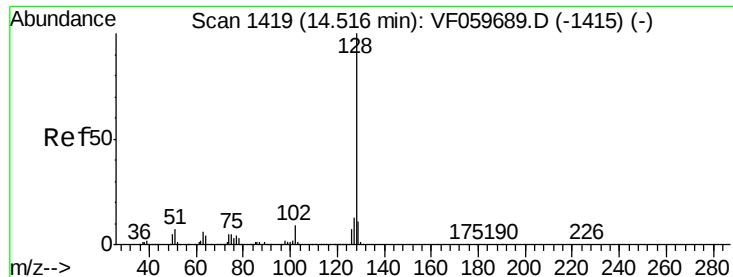
Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.6	65.0#
148	44.2	32.3	96.9



#93
 1,2,4-Trichlorobenzene
 Concen: Below Cal
 RT: 14.25 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: VF059827.D
 Acq: 3 Aug 2018 9:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	76.0	47.2	141.6
145	0.0	19.3	57.9#

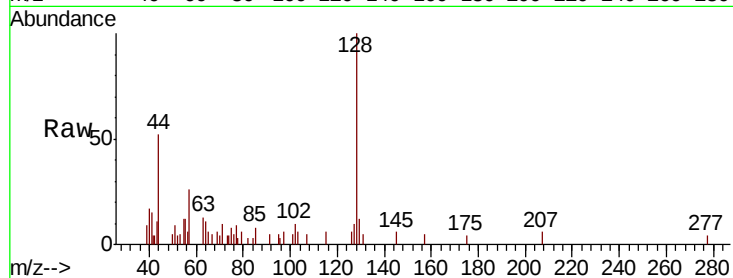




#95
Naphthalene
Concen: 2.48 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. 0.00 min
Lab File: VF059827.D
Acq: 3 Aug 2018 9:08

Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	10.3	10.0	15.0
129	12.2	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

