

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080318\
 Data File : VF059849.D
 Acq On : 3 Aug 2018 20:02
 Operator : VA/AP
 Sample : J4285-09RE
 Misc : 5.95g/5mL/MSVOA F/SOIL
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 KG-PIT-3

Quant Time: Aug 04 03:17:52 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	5.03	168	256542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	361635	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	268884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	95508	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.01	65	164414	35.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.32%	
35) Dibromofluoromethane	4.29	113	148773	39.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.22%	
50) Toluene-d8	7.71	98	294725	33.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.30%	
62) 4-Bromofluorobenzene	11.51	95	102378	21.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.99	85	69	Below Cal	#	44
3) Chloromethane	1.23	50	276	Below Cal		98
4) Vinyl Chloride	1.15	62	189	Below Cal	#	47
5) Bromomethane	1.36	94	228	Below Cal	#	63
6) Chloroethane	1.42	64	160	Below Cal	#	1
10) Methyl Iodide	2.09	142	75	Below Cal	#	20
11) Tert butyl alcohol	2.67	59	607	1.82	ug/l	# 74
13) Acrolein	2.11	56	460	20.49	ug/l	88
16) Acetone	2.33	43	27775	33.49	ug/l	100
17) Carbon Disulfide	1.84	76	7156	Below Cal	#	90
18) Methyl Acetate	2.45	43	5519	Below Cal	#	89
20) Methylene Chloride	2.27	84	3846	Below Cal	#	90
21) trans-1,2-Dichloroethene	2.39	96	69	Below Cal	#	63
25) 2-Butanone	4.52	43	4073	4.40	ug/l	# 87
31) Cyclohexane	3.87	56	518	Below Cal	#	15
36) 1,1-Dichloropropene	4.46	75	429	Below Cal	#	49
37) Ethyl Acetate	4.20	43	3173	Below Cal	#	80
39) Methylcyclohexane	5.61	83	204	Below Cal	#	1
41) Methacrylonitrile	4.92	41	138	Below Cal	#	24
49) 1,4-Dioxane	7.09	88	81	Below Cal	#	21
52) Toluene	7.77	92	814	Below Cal		78
58) 2-Chloroethyl Vinyl ether	7.75	63	331	1.39	ug/l	100
64) Tetrachloroethene	8.29	164	62	Below Cal	#	56
68) m/p-Xylenes	10.27	106	615	Below Cal	#	23
78) n-propylbenzene	11.68	91	302	Below Cal	#	54
79) 2-Chlorotoluene	11.81	91	177	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	11.90	105	166	Below Cal	#	46
82) 4-Chlorotoluene	11.98	91	357	Below Cal	#	44
84) 1,2,4-Trimethylbenzene	12.28	105	1017	Below Cal		92
85) sec-Butylbenzene	12.39	105	227	Below Cal	#	1
86) p-Isopropyltoluene	12.53	119	70	Below Cal	#	49
87) 1,3-Dichlorobenzene	12.56	146	151	Below Cal	#	24
88) 1,4-Dichlorobenzene	12.64	146	461	Below Cal	#	57
89) n-Butylbenzene	12.91	91	328	Below Cal	#	66

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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

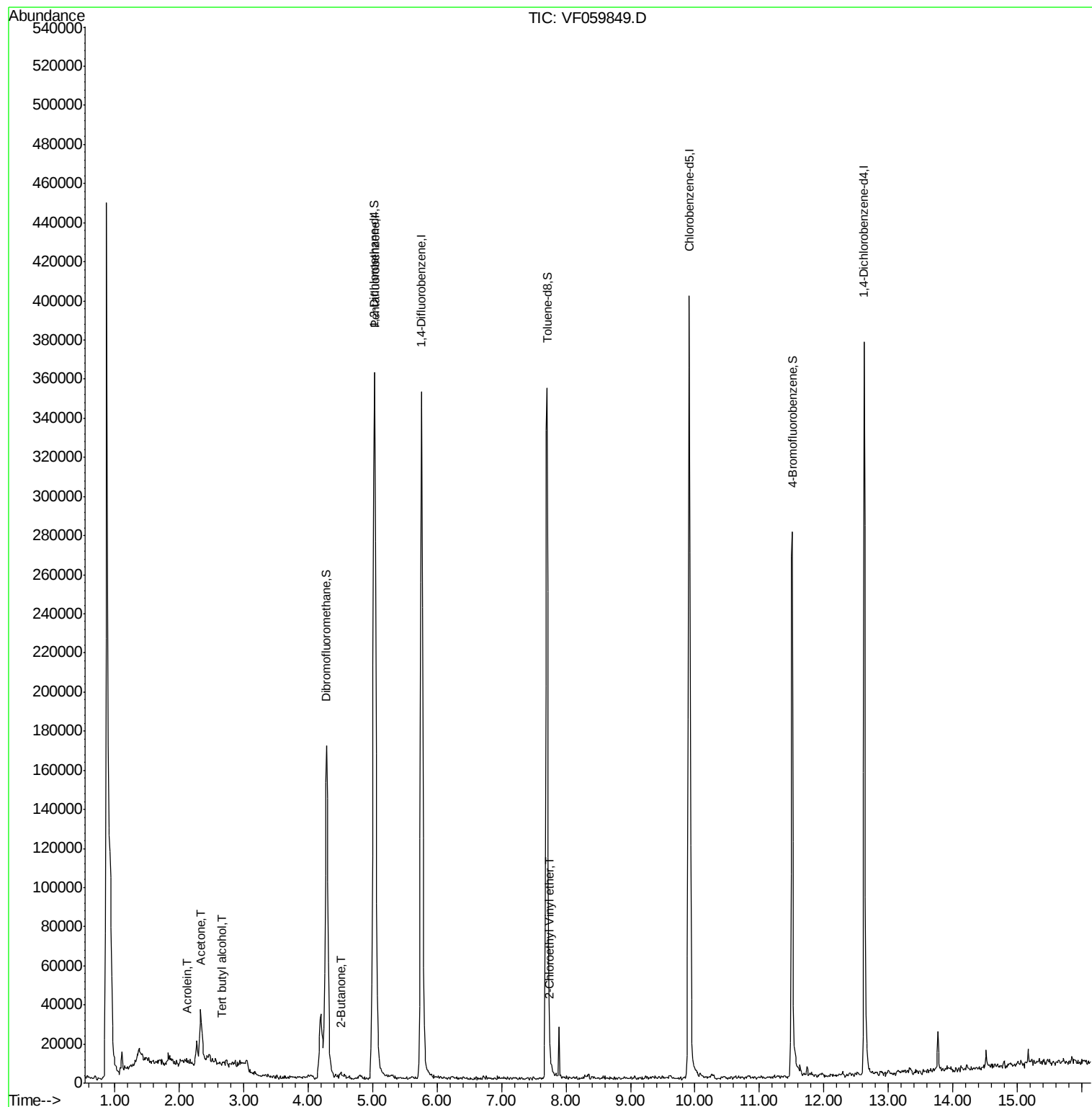
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.02	146	173	Below Cal	#	66
93) 1,2,4-Trichlorobenzene	14.26	180	153	Below Cal	#	64

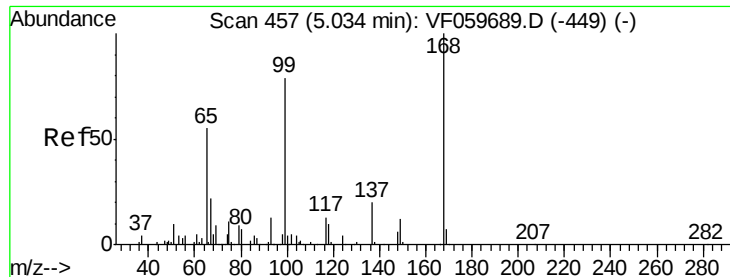
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF059849.D

Acq: 3 Aug 2018 20:02

Instrument :

MSVOA_F

ClientSampleId :

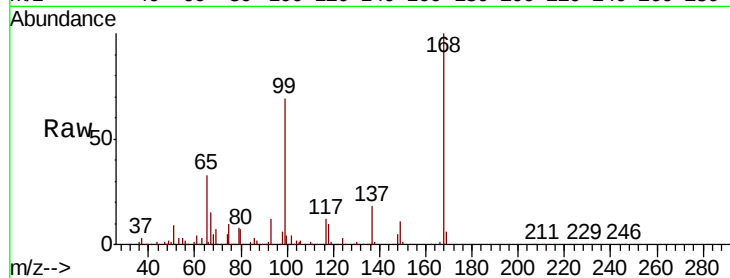
KG-PIT-3

Tot Ion:168 Resp: 256542

Ion Ratio Lower Upper

168 100

99 69.4 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

100000

80000

60000

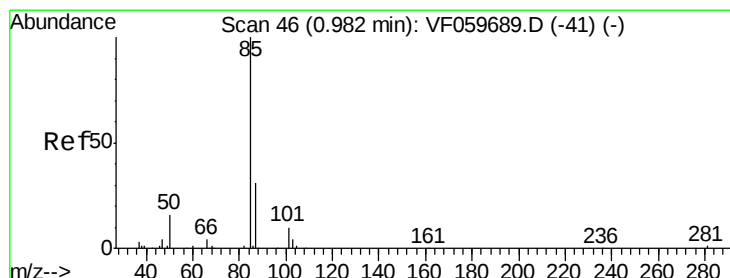
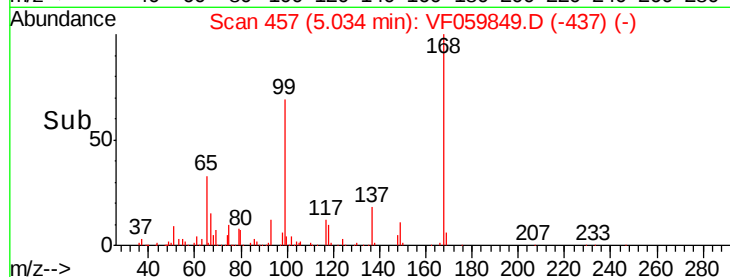
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 0.99 min Scan# 47

Delta R.T. 0.01 min

Lab File: VF059849.D

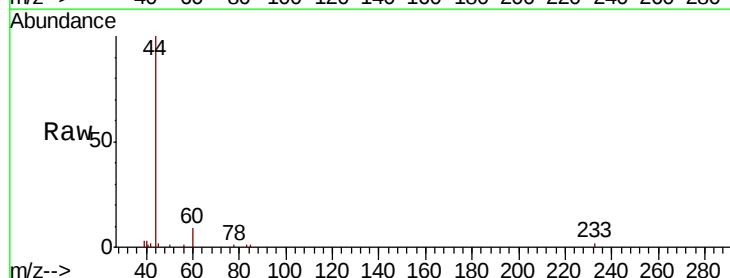
Acq: 3 Aug 2018 20:02

Tgt Ion: 85 Resp: 69

Ion Ratio Lower Upper

85 100

87 0.0 15.3 45.8#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.99

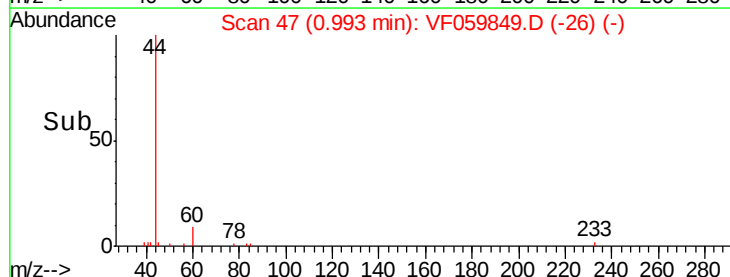
100

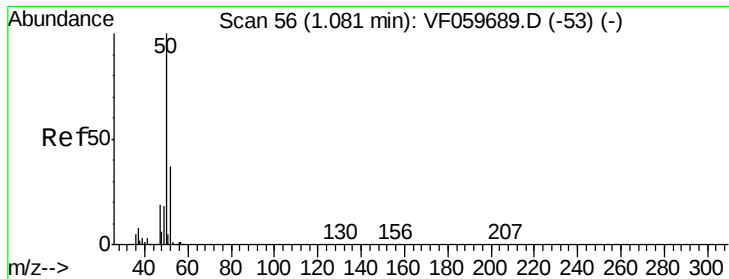
50

0

Time-->

0.96 0.98 1.00





#3

Chloromethane

Concen: Below Cal

RT: 1.23 min Scan# 71

Delta R.T. 0.15 min

Lab File: VF059849.D

Acq: 3 Aug 2018 20:02

Instrument :

MSVOA_F

ClientSampled :

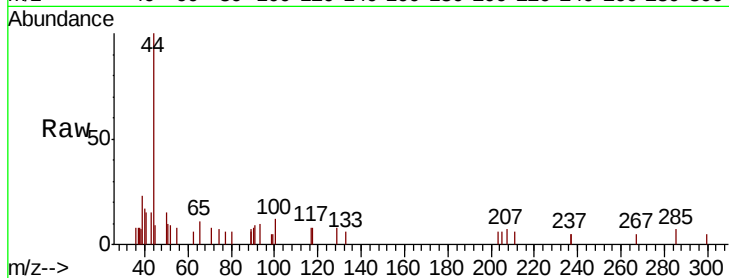
KG-PIT-3

Tot Ion: 50 Resp: 276

Ion Ratio Lower Upper

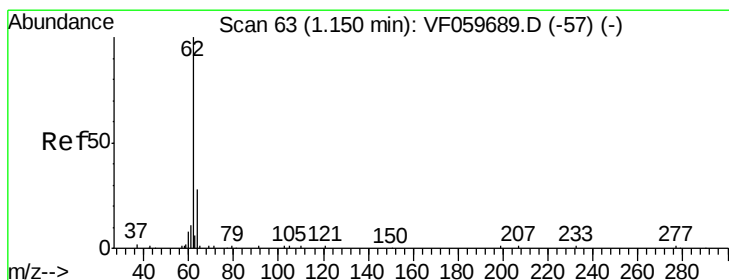
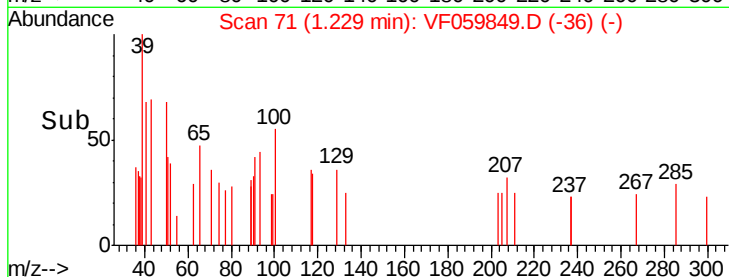
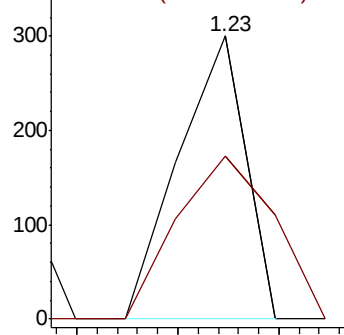
50 100

52 35.5 29.1 43.7



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#4

Vinyl Chloride

Concen: Below Cal

RT: 1.15 min Scan# 63

Delta R.T. 0.00 min

Lab File: VF059849.D

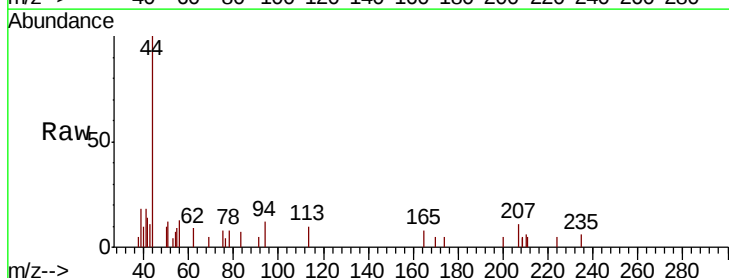
Acq: 3 Aug 2018 20:02

Tgt Ion: 62 Resp: 189

Ion Ratio Lower Upper

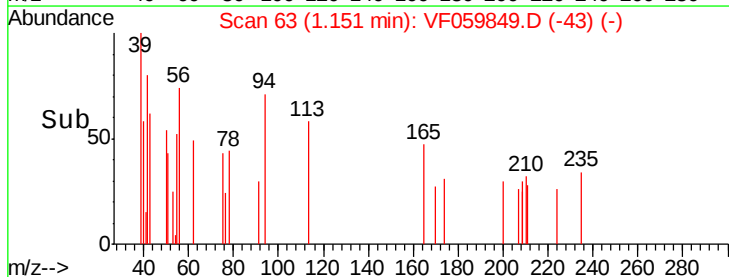
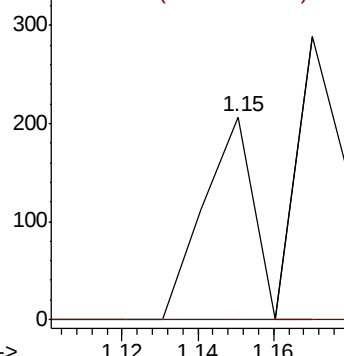
62 100

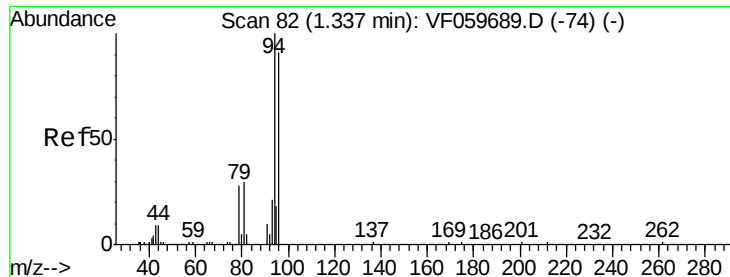
64 0.0 22.6 33.8#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0





#5

Bromomethane

Concen: Below Cal

RT: 1.36 min Scan# 84

Delta R.T. 0.02 min

Lab File: VF059849.D

Acq: 3 Aug 2018 20:02

Instrument :

MSVOA_F

ClientSampleId :

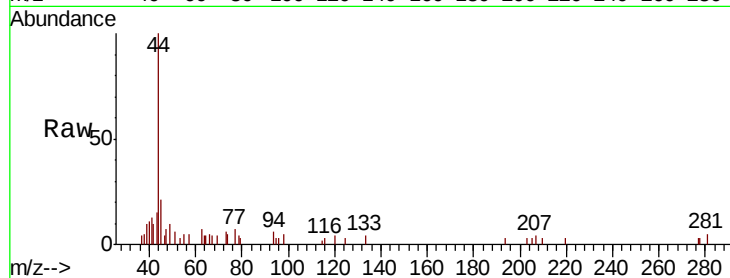
KG-PIT-3

Tot Ion: 94 Resp: 228

Ion Ratio Lower Upper

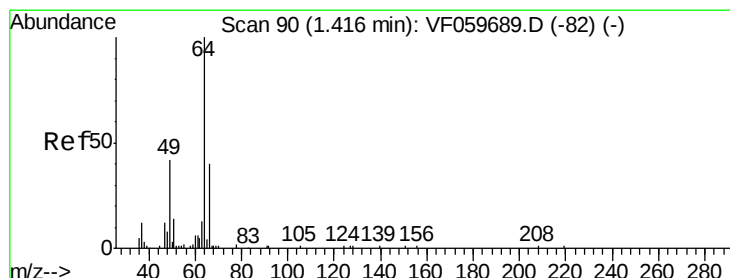
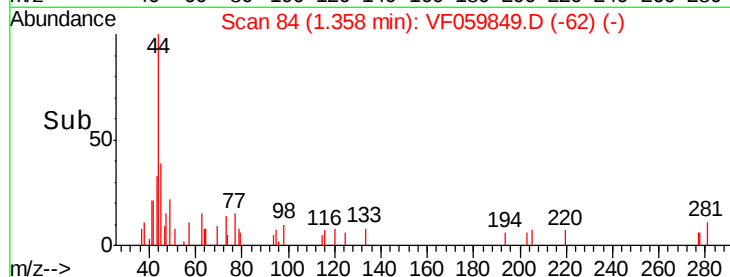
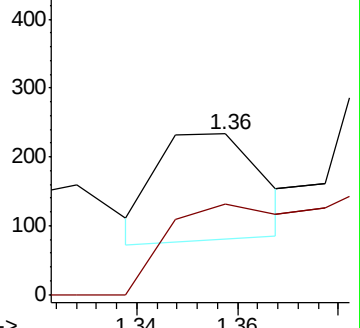
94 100

96 56.7 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: 1.42 min Scan# 90

Delta R.T. 0.00 min

Lab File: VF059849.D

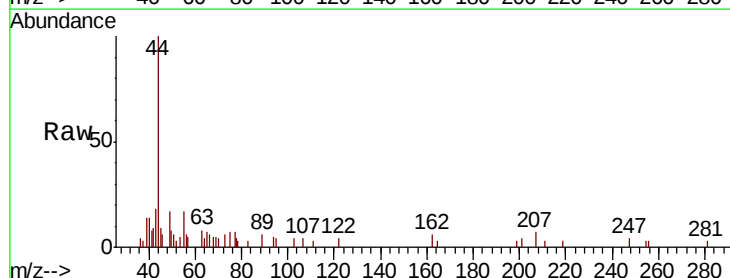
Acq: 3 Aug 2018 20:02

Tgt Ion: 64 Resp: 160

Ion Ratio Lower Upper

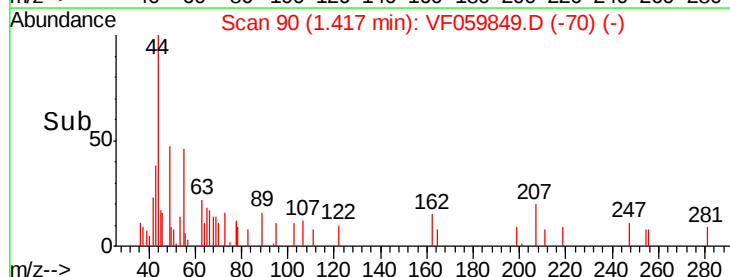
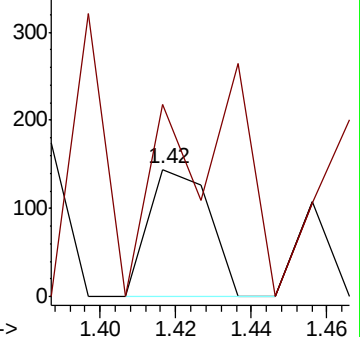
64 100

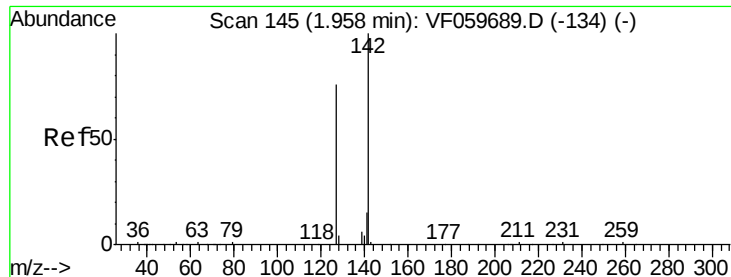
66 151.4 32.6 49.0#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0

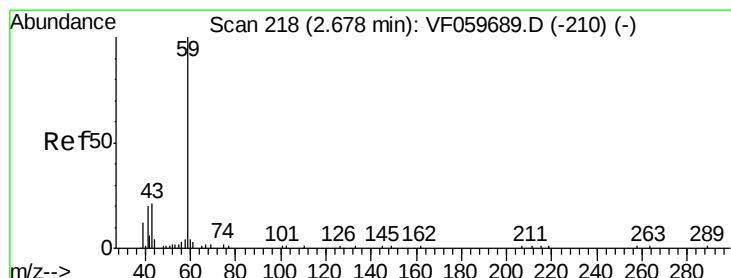
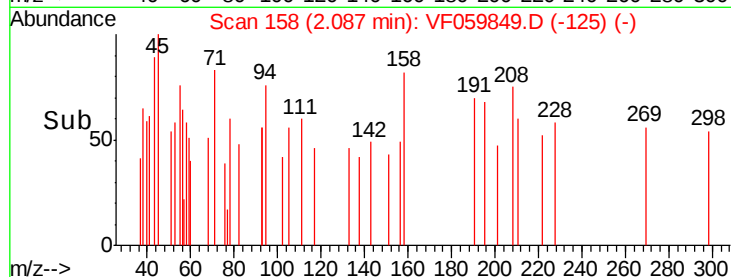
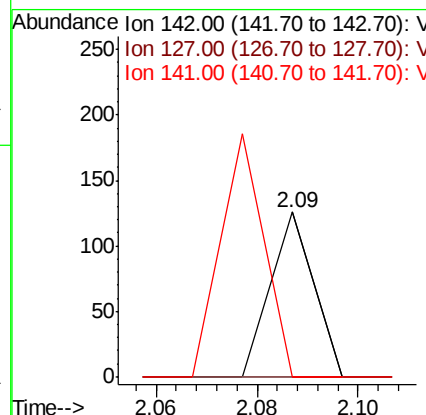
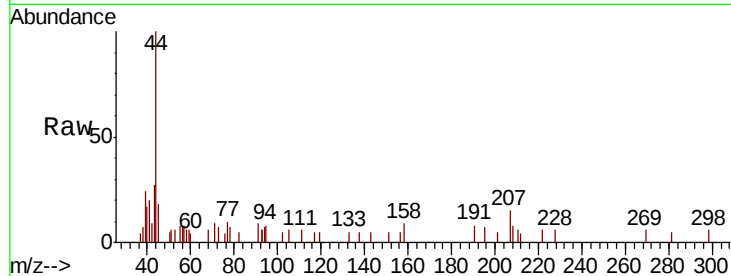




#10
Methyl Iodide
Concen: Below Cal
RT: 2.09 min Scan# 158
Delta R.T. 0.13 min
Lab File: VF059849.D
Acq: 3 Aug 2018 20:02

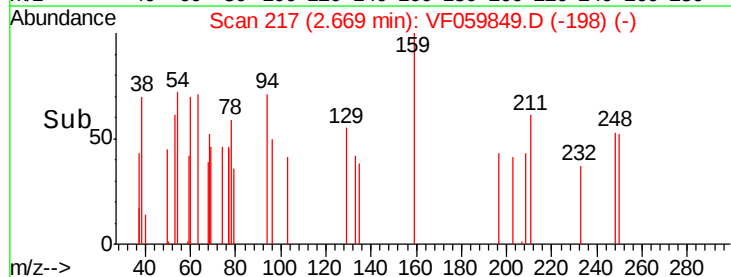
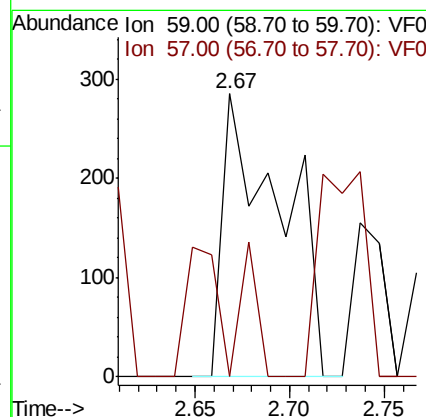
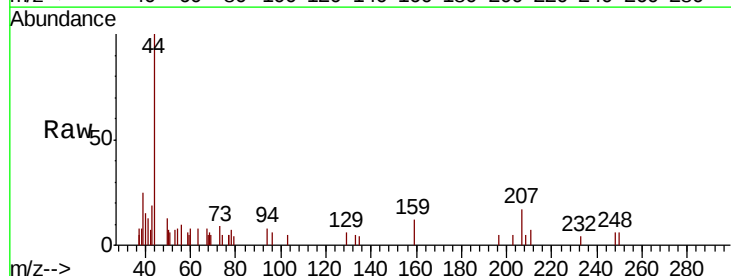
Instrument :
MSVOA_F
ClientSampled :
KG-PIT-3

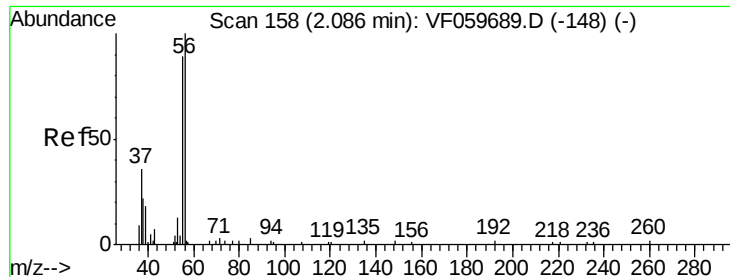
Tot Ion:142 Resp: 75
Ion Ratio Lower Upper
142 100
127 0.0 60.6 91.0#
141 0.0 12.0 18.0#



#11
Tert butyl alcohol
Concen: 1.82 ug/l
RT: 2.67 min Scan# 217
Delta R.T. -0.01 min
Lab File: VF059849.D
Acq: 3 Aug 2018 20:02

Tgt Ion: 59 Resp: 607
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#





#13

Acrolein

Concen: 20.49 ug/l

RT: 2.11 min Scan# 160

Delta R.T. 0.02 min

Lab File: VF059849.D

Acq: 3 Aug 2018 20:02

Instrument :

MSVOA_F

ClientSampleId :

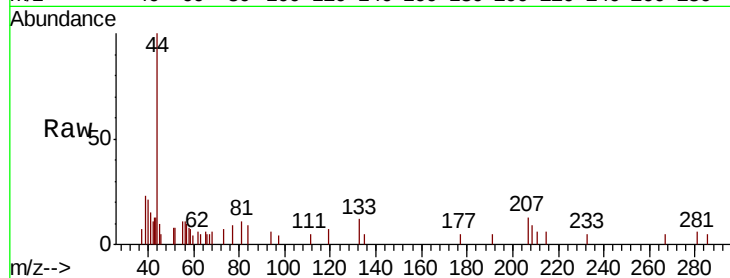
KG-PIT-3

Tot Ion: 56 Resp: 460

Ion Ratio Lower Upper

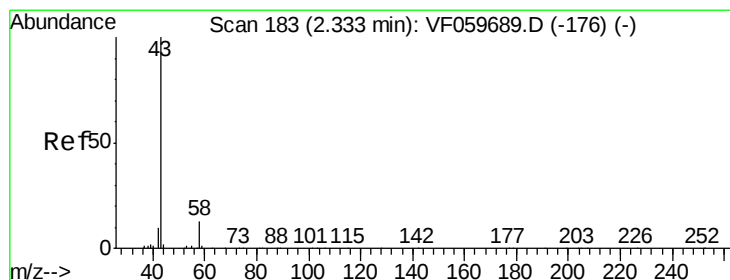
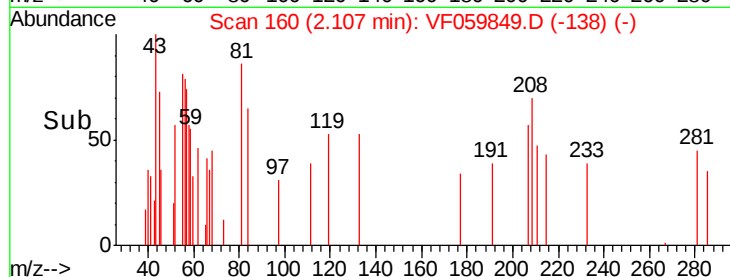
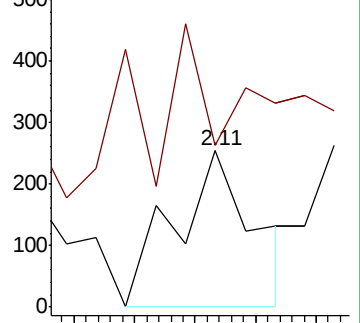
56 100

55 103.1 73.2 109.8



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#16

Acetone

Concen: 33.49 ug/l

RT: 2.33 min Scan# 183

Delta R.T. 0.00 min

Lab File: VF059849.D

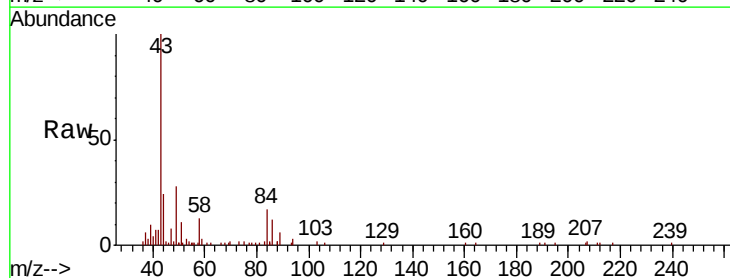
Acq: 3 Aug 2018 20:02

Tgt Ion: 43 Resp: 27775

Ion Ratio Lower Upper

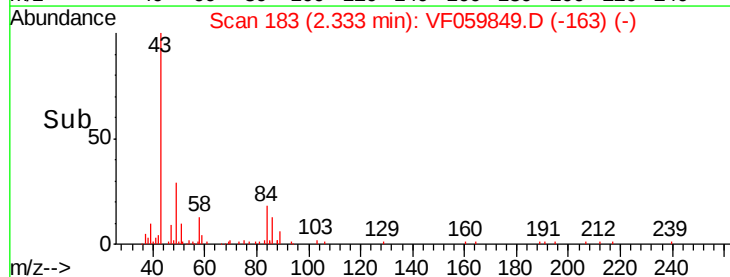
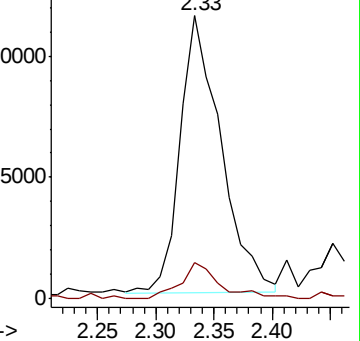
43 100

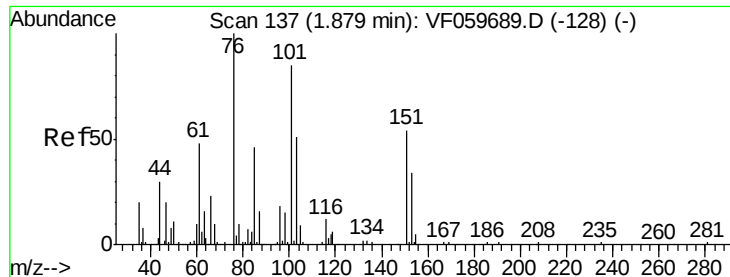
58 12.7 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

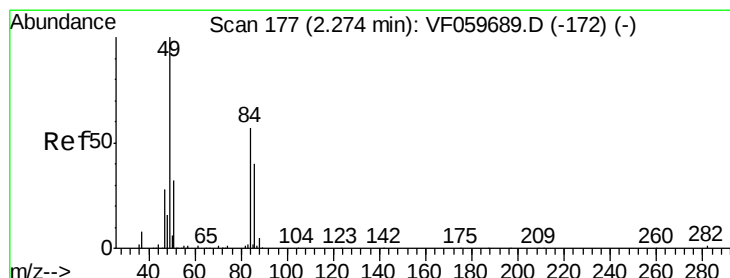
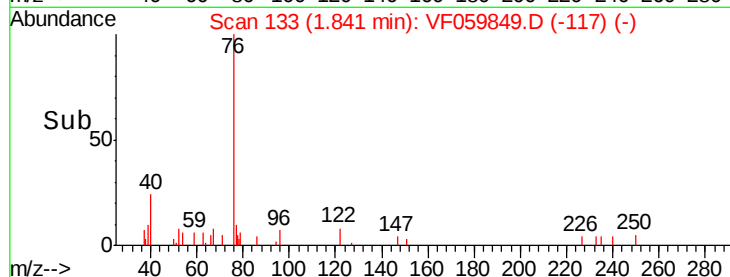
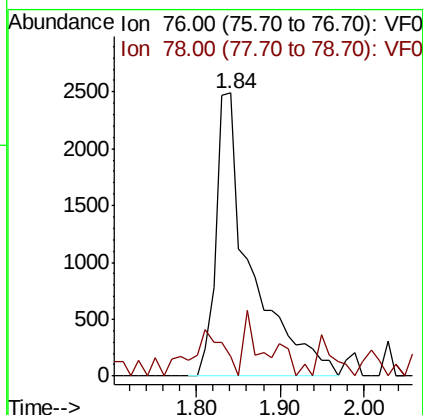
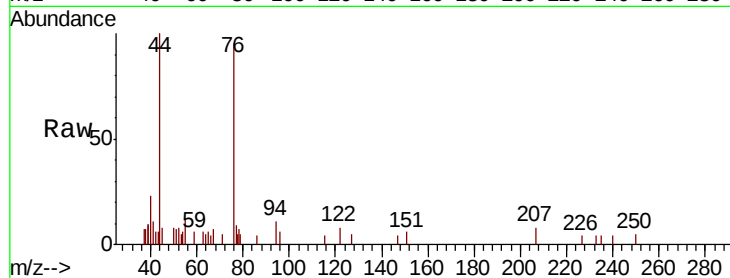




#17
Carbon Disulfide
Concen: Below Cal
RT: 1.84 min Scan# 133
Delta R.T. -0.04 min
Lab File: VF059849.D
Acq: 3 Aug 2018 20:02

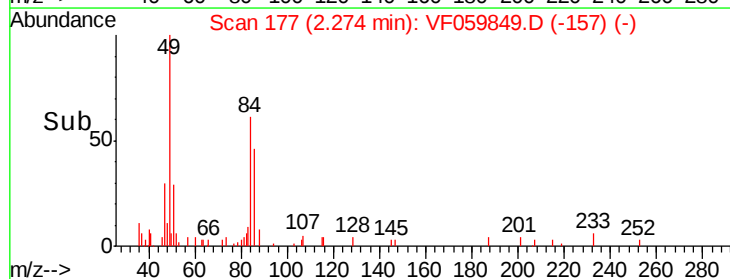
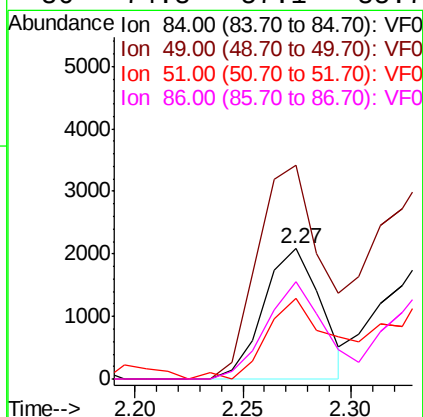
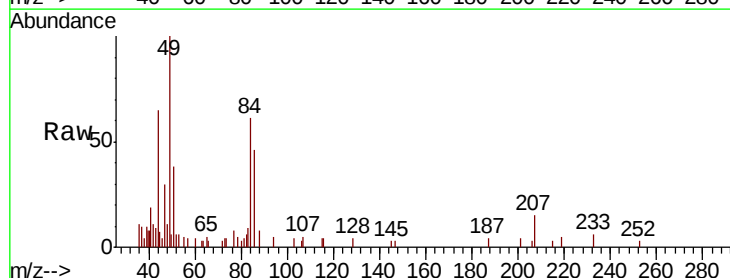
Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-3

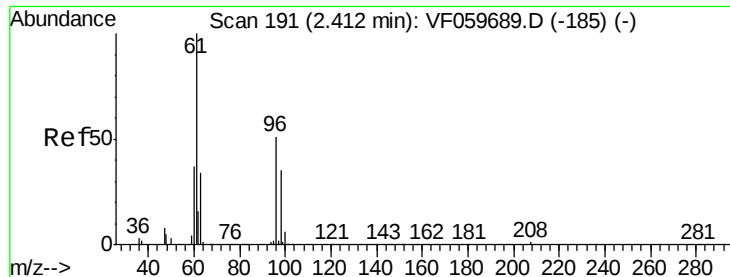
Tot Ion: 76 Resp: 7156
Ion Ratio Lower Upper
76 100
78 7.2 8.9 13.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 177
Delta R.T. 0.00 min
Lab File: VF059849.D
Acq: 3 Aug 2018 20:02

Tgt Ion: 84 Resp: 3846
Ion Ratio Lower Upper
84 100
49 163.6 142.2 213.4
51 71.1 46.2 69.2#
86 74.8 57.1 85.7





#21

trans-1,2-Dichloroethene

Concen: Below Cal

RT: 2.39 min Scan# 189

Delta R.T. -0.02 min

Lab File: VF059849.D

Acq: 3 Aug 2018 20:02

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-3

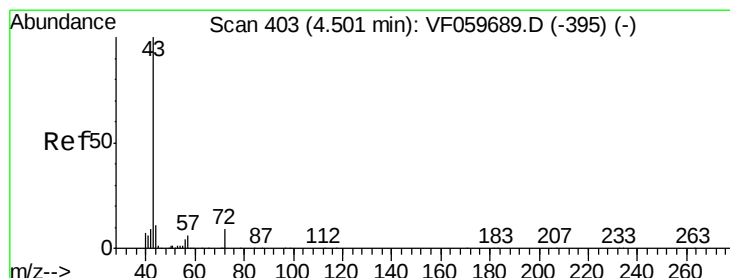
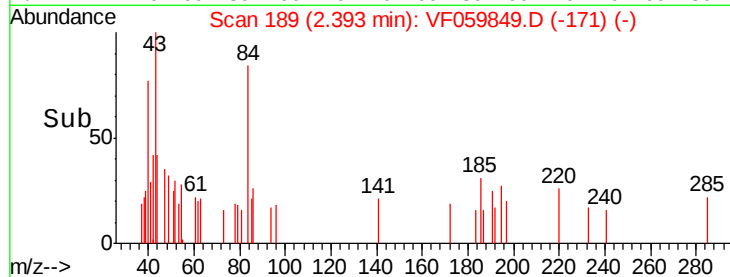
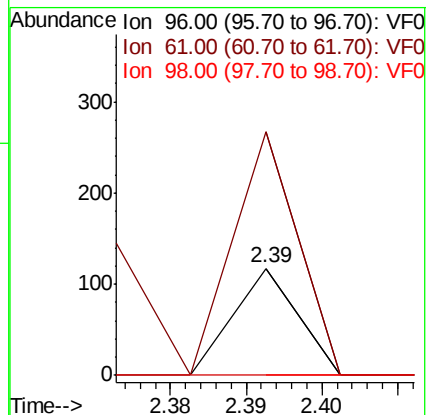
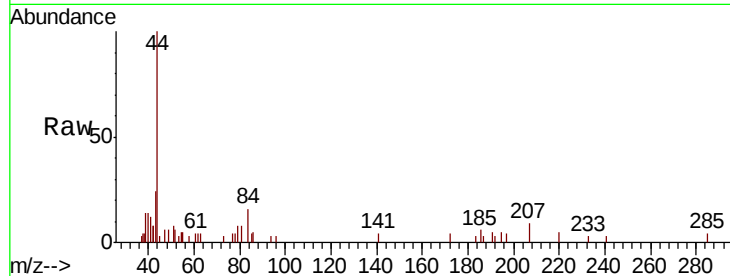
Tot Ion: 96 Resp: 69

Ion Ratio Lower Upper

96 100

61 228.2 157.4 236.0

98 0.0 55.0 82.4#



#25

2-Butanone

Concen: 4.40 ug/l

RT: 4.52 min Scan# 405

Delta R.T. 0.02 min

Lab File: VF059849.D

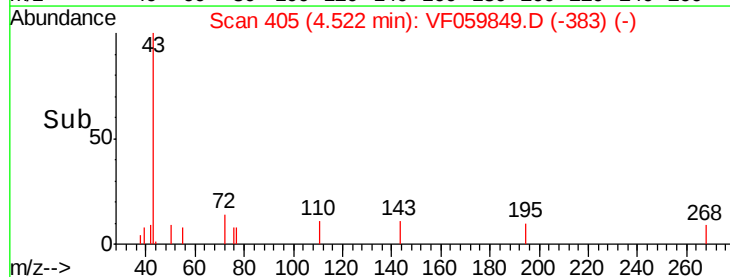
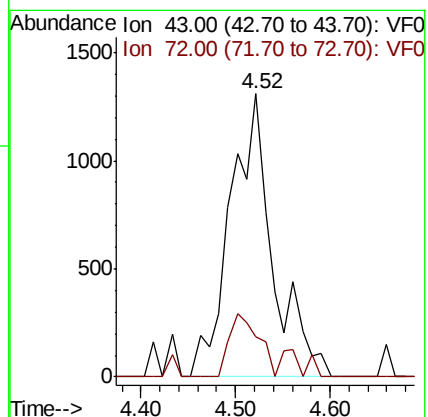
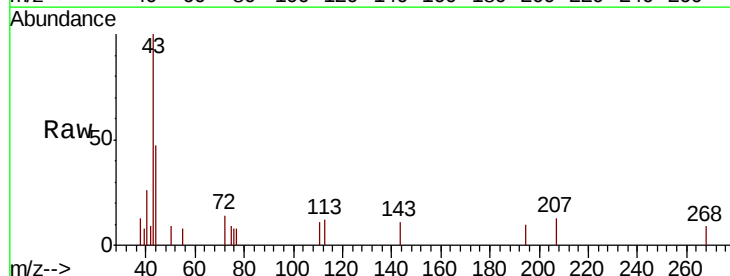
Acq: 3 Aug 2018 20:02

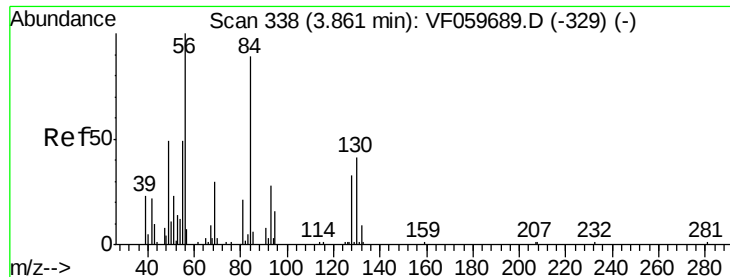
Tgt Ion: 43 Resp: 4073

Ion Ratio Lower Upper

43 100

72 14.3 7.7 11.5#

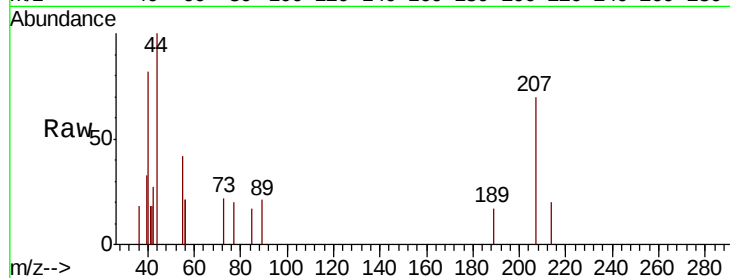




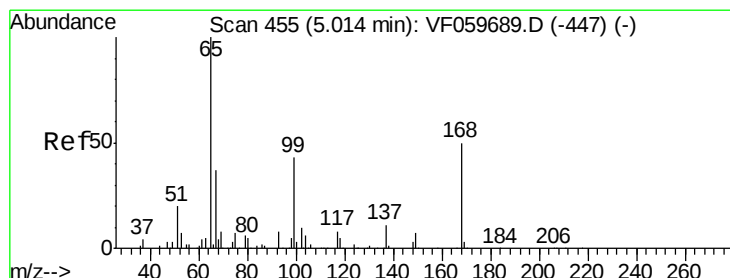
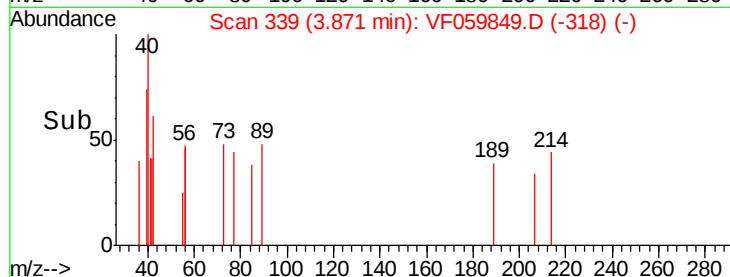
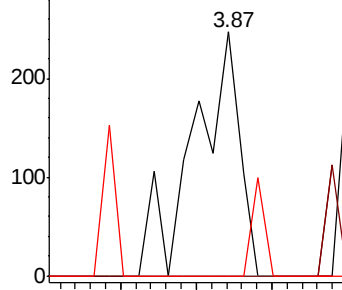
#31
Cvclohexane
Concen: Below Cal
RT: 3.87 min Scan# 339
Delta R.T. 0.01 min
Lab File: VF059849.D
Acq: 3 Aug 2018 20:02

Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-3

Tot Ion: 56 Resp: 518
Ion Ratio Lower Upper
56 100
69 0.0 23.7 35.5#
84 0.0 71.1 106.7#

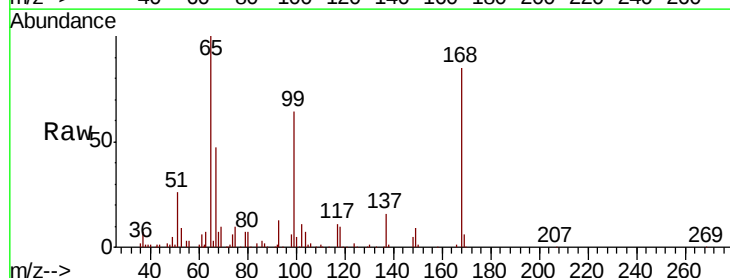


Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0

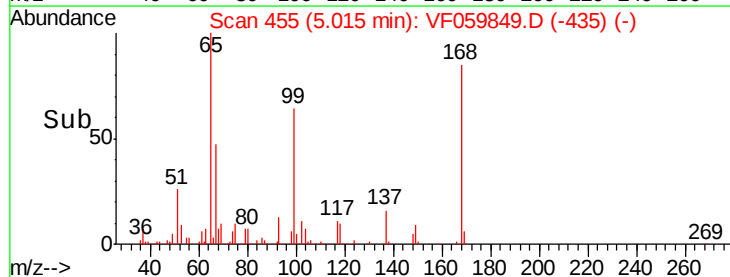
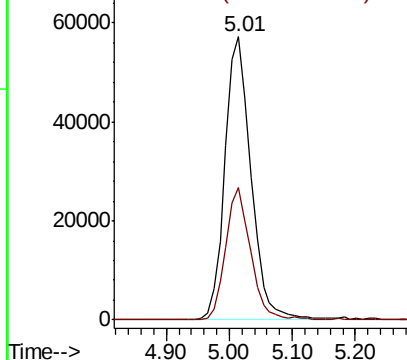


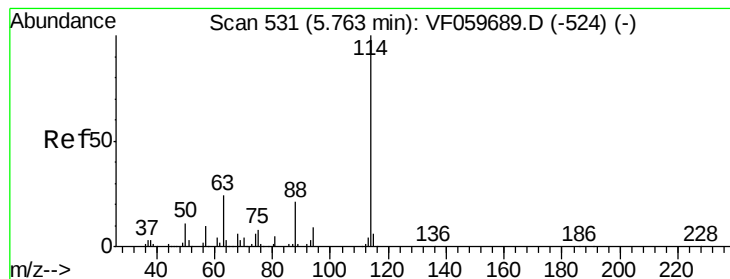
#33
1,2-Dichloroethane-d4
Concen: 35.66 ug/l
RT: 5.01 min Scan# 455
Delta R.T. 0.00 min
Lab File: VF059849.D
Acq: 3 Aug 2018 20:02

Tgt Ion: 65 Resp: 164414
Ion Ratio Lower Upper
65 100
67 46.6 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0
Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF059849.D

Acq: 3 Aug 2018 20:02

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-3

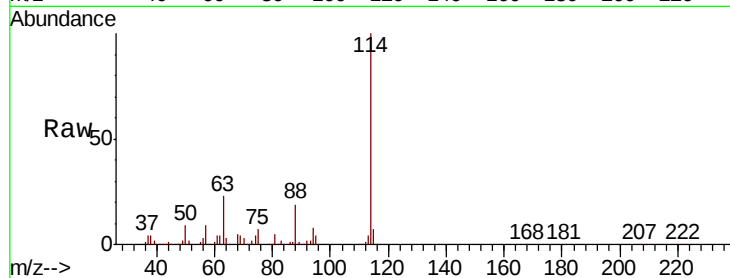
Tot Ion:114 Resp: 361635

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.4

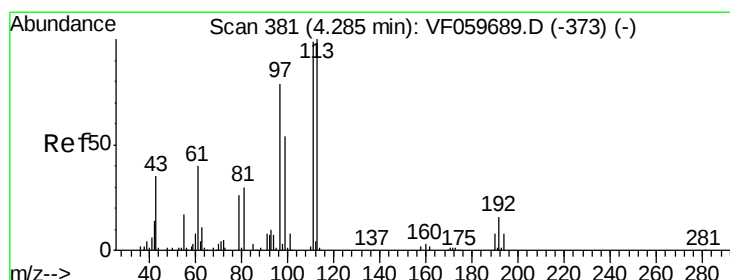
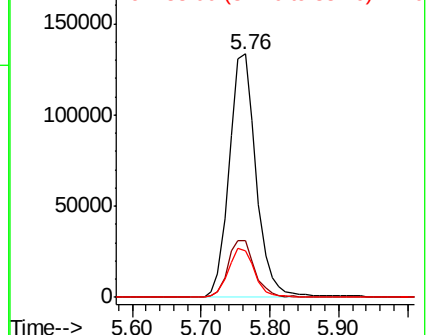
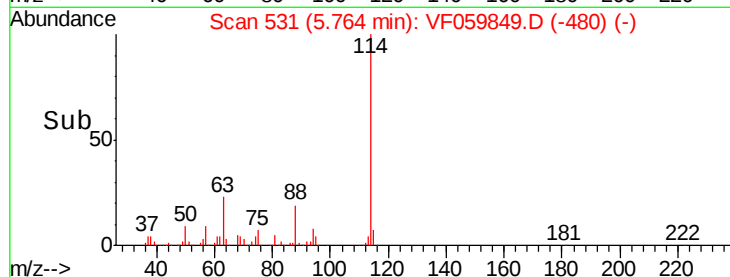
88 19.0 0.0 41.2



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: 39.61 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.00 min

Lab File: VF059849.D

Acq: 3 Aug 2018 20:02

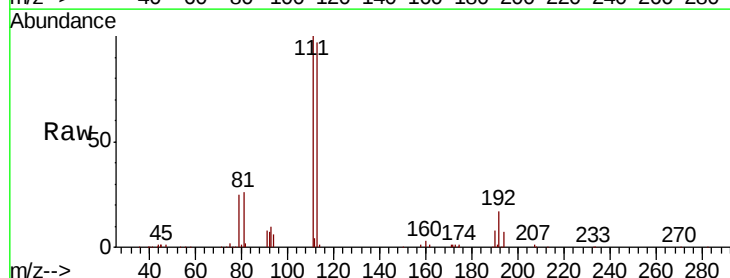
Tgt Ion:113 Resp: 148773

Ion Ratio Lower Upper

113 100

111 103.4 79.0 118.4

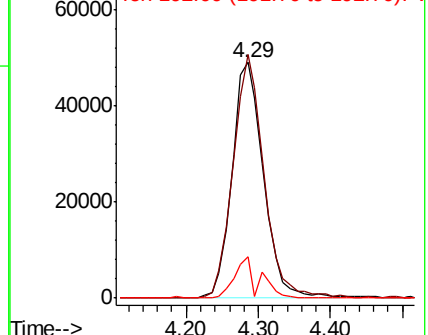
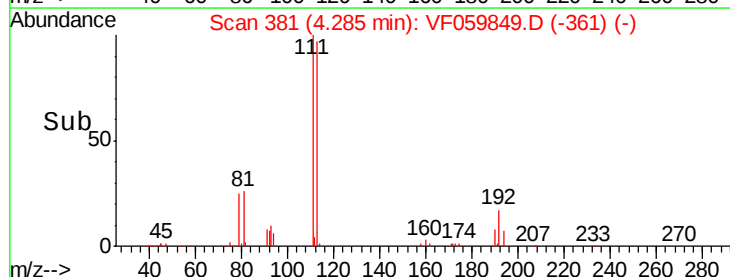
192 17.6 13.2 19.8

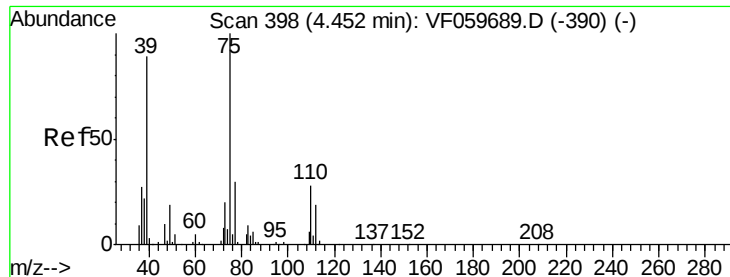


Abundance Ion 113.00 (112.70 to 113.70): V

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: 4.46 min Scan# 399

Delta R.T. 0.01 min

Lab File: VF059849.D

Acq: 3 Aug 2018 20:02

Instrument :
MSVOA_F
ClientSampled :
KG-PIT-3

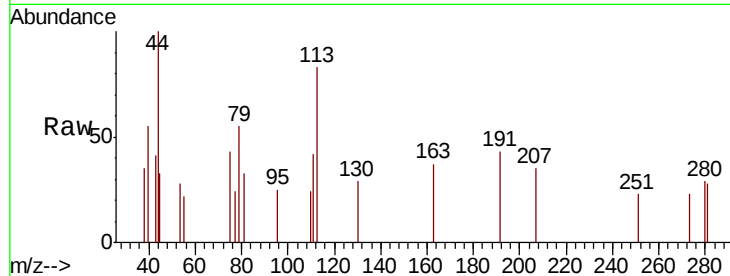
Tot Ion: 75 Resp: 429

Ion Ratio Lower Upper

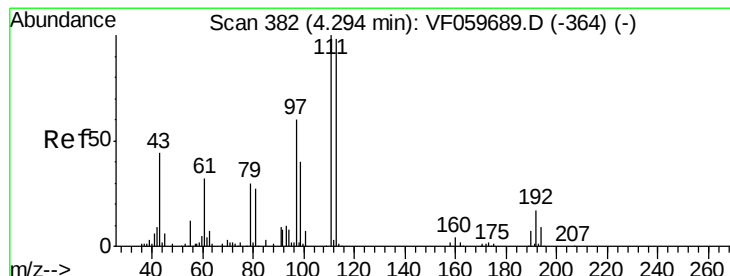
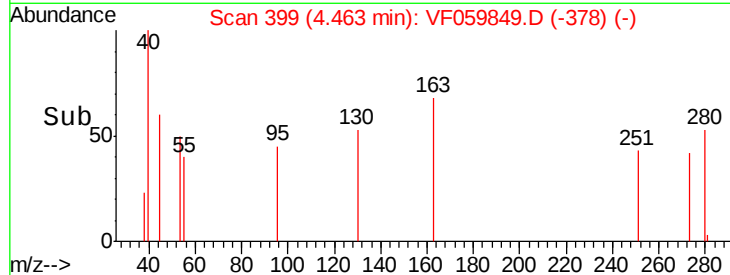
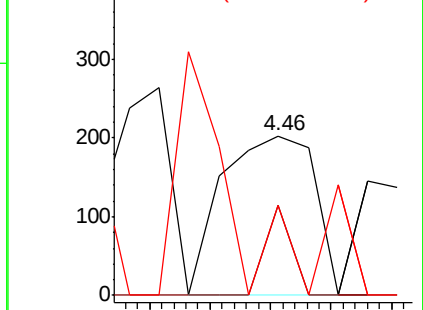
75 100

110 56.2 14.0 41.9#

77 56.2 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: 4.20 min Scan# 372

Delta R.T. -0.10 min

Lab File: VF059849.D

Acq: 3 Aug 2018 20:02

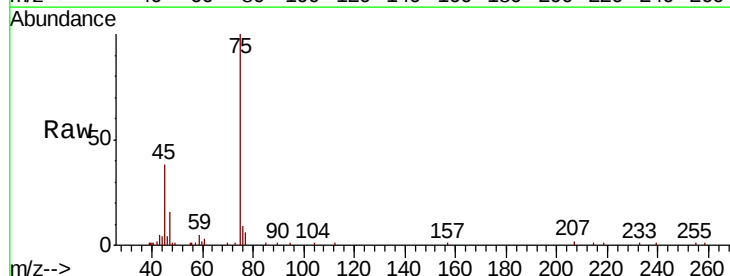
Tgt Ion: 43 Resp: 3173

Ion Ratio Lower Upper

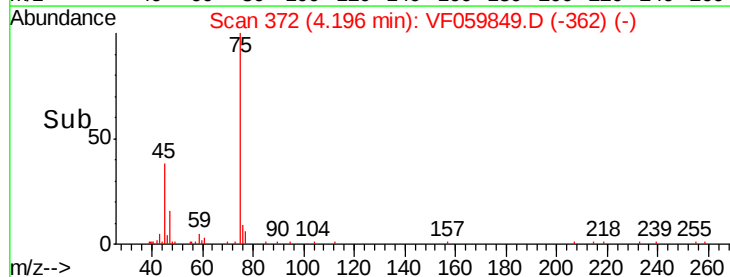
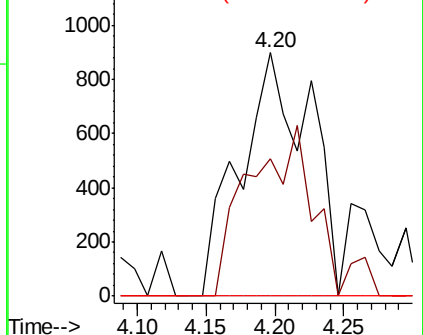
43 100

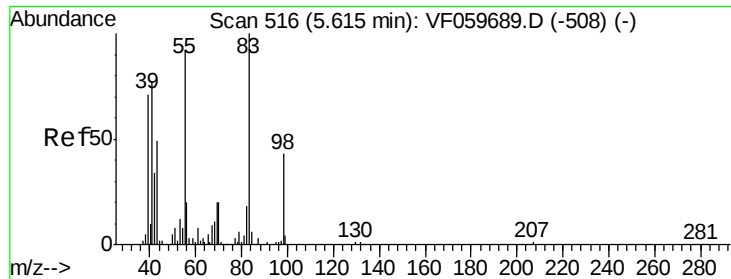
61 56.4 58.2 87.2#

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: 5.61 min Scan# 515

Delta R.T. -0.01 min

Lab File: VF059849.D

Acq: 3 Aug 2018 20:02

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-3

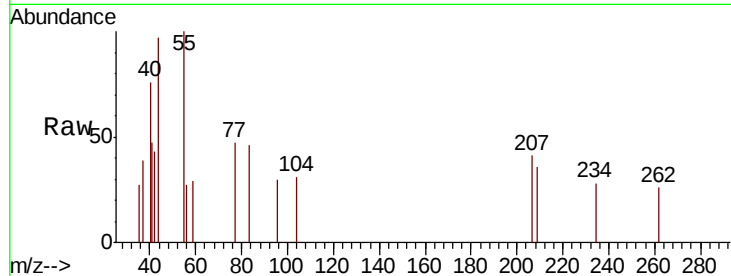
Tot Ion: 83 Resp: 204

Ion Ratio Lower Upper

83 100

55 218.1 73.4 110.2#

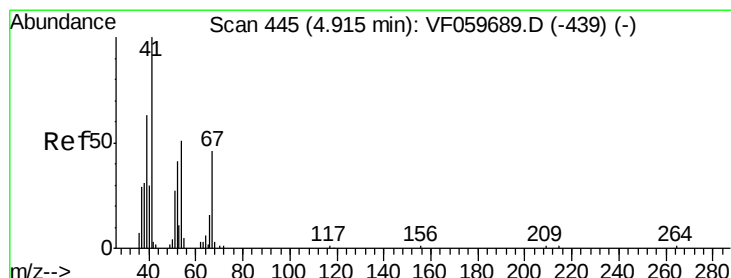
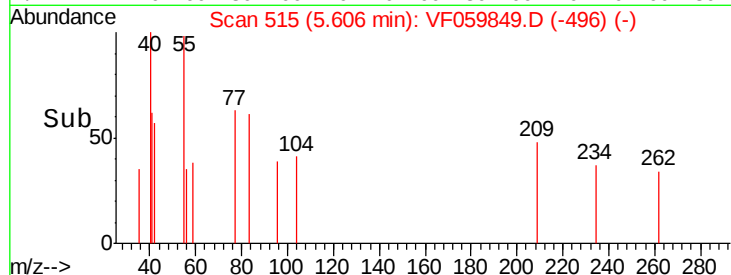
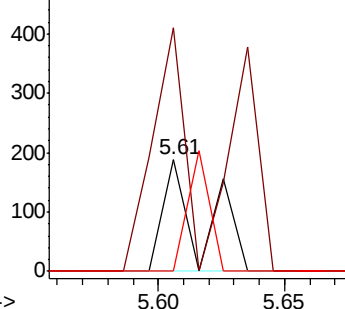
98 0.0 34.2 51.4#



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: 4.92 min Scan# 445

Delta R.T. 0.00 min

Lab File: VF059849.D

Acq: 3 Aug 2018 20:02

Tgt Ion: 41 Resp: 138

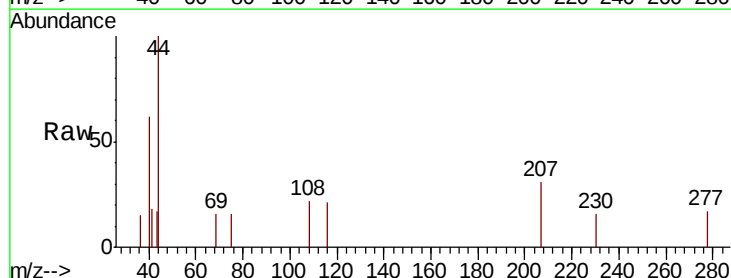
Ion Ratio Lower Upper

41 100

39 0.0 55.2 82.8#

67 0.0 36.2 54.2#

52 0.0 37.7 56.5#

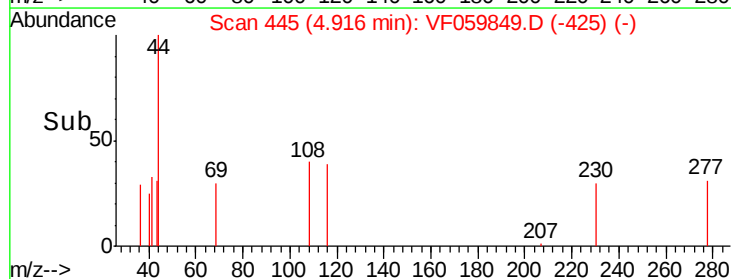
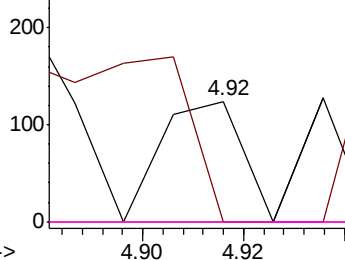


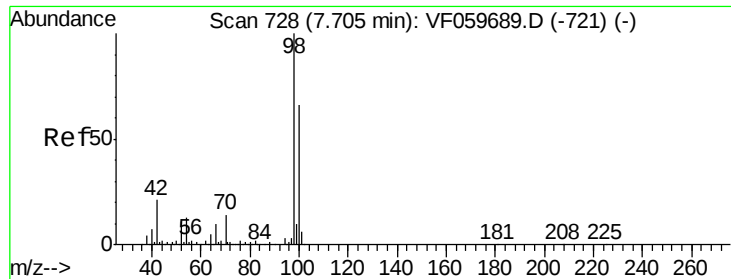
Abundance Ion 41.00 (40.70 to 41.70): VF0

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: 33.65 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.00 min

Lab File: VF059849.D

Acq: 3 Aug 2018 20:02

Instrument :

MSVOA_F

ClientSampleId :

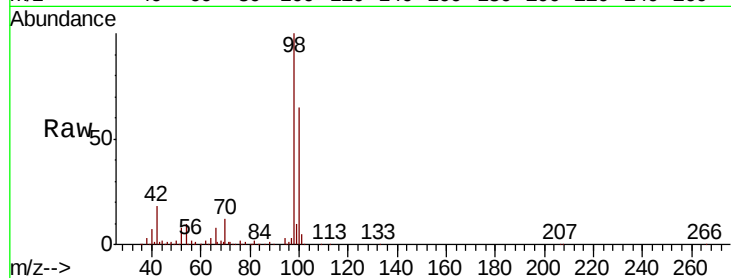
KG-PIT-3

Tot Ion: 98 Resp: 294725

Ion Ratio Lower Upper

98 100

100 64.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.71

150000

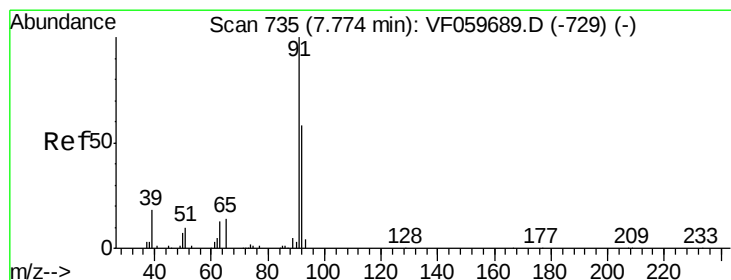
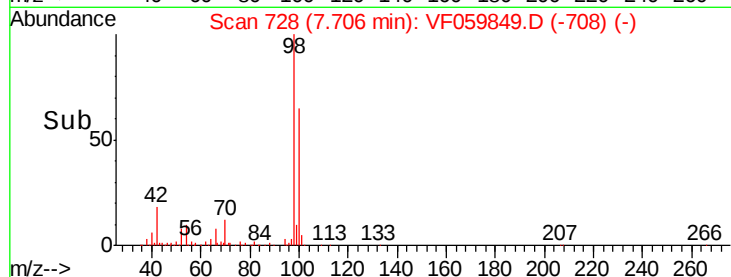
100000

50000

0

Time-->

7.60 7.70 7.80 7.90



#52

Toluene

Concen: Below Cal

RT: 7.77 min Scan# 735

Delta R.T. 0.00 min

Lab File: VF059849.D

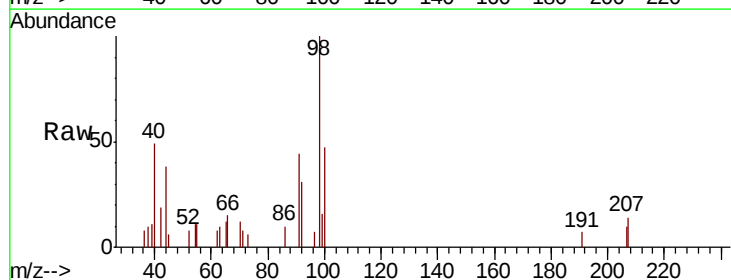
Acq: 3 Aug 2018 20:02

Tgt Ion: 92 Resp: 814

Ion Ratio Lower Upper

92 100

91 143.6 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

800

600

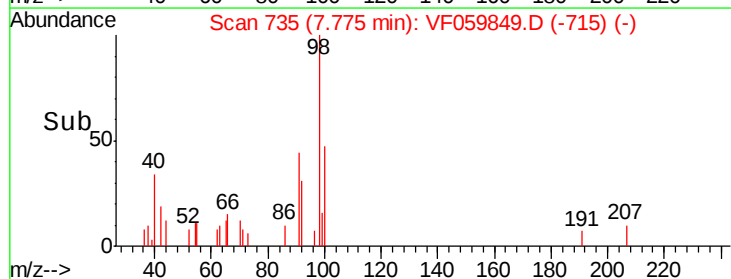
400

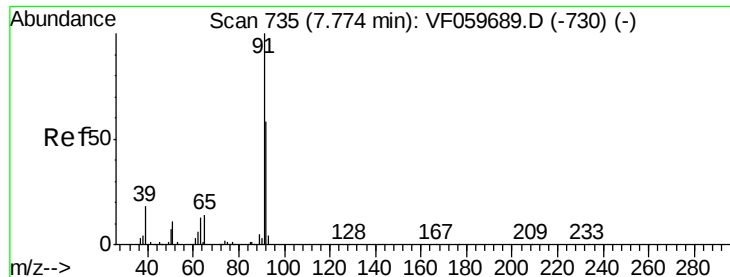
200

0

Time-->

7.70 7.75 7.80





#58

2-Chloroethyl Vinyl ether

Concen: 1.39 ug/l

RT: 7.75 min Scan# 733

Delta R.T. -0.02 min

Lab File: VF059849.D

Acq: 3 Aug 2018 20:02

Instrument :

MSVOA_F

ClientSampled :

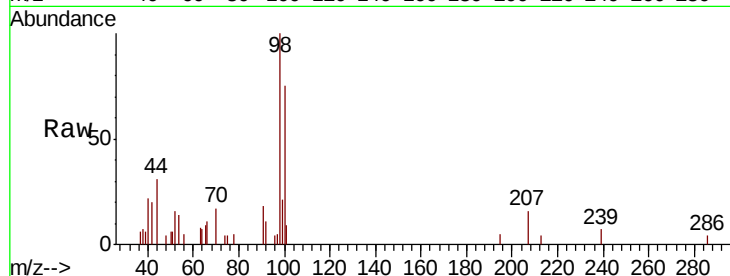
KG-PIT-3

Tot Ion: 63 Resp: 331

Ion Ratio Lower Upper

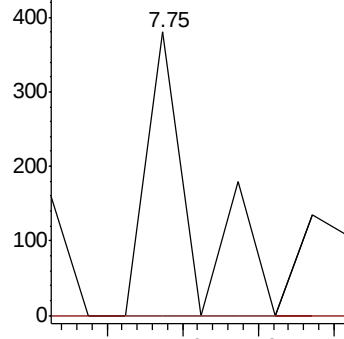
63 100

106 0.0 0.0 0.0

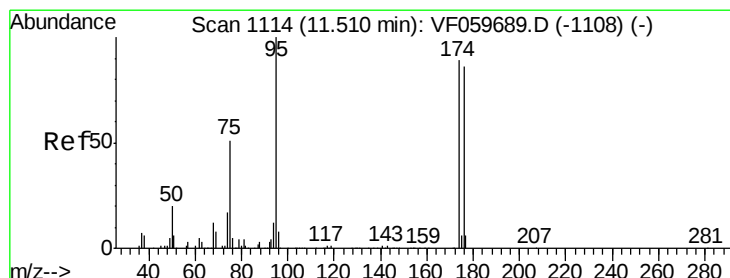
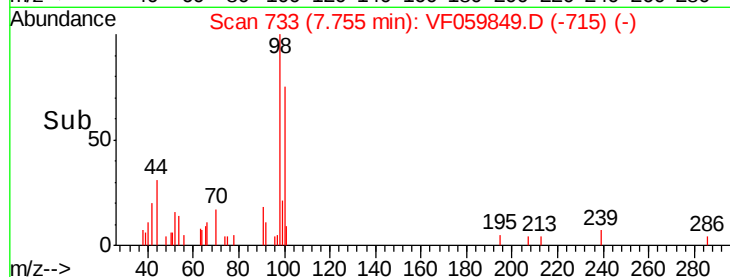


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V



Time-->



#62

4-Bromofluorobenzene

Concen: 21.11 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059849.D

Acq: 3 Aug 2018 20:02

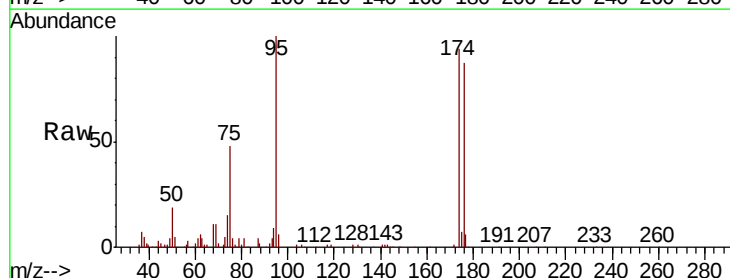
Tgt Ion: 95 Resp: 102378

Ion Ratio Lower Upper

95 100

174 93.5 0.0 178.4

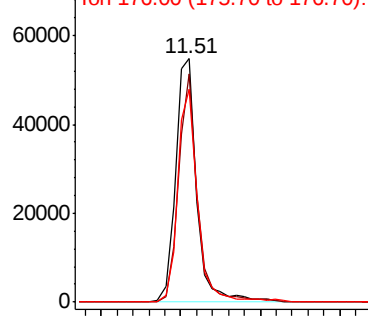
176 87.3 0.0 173.0



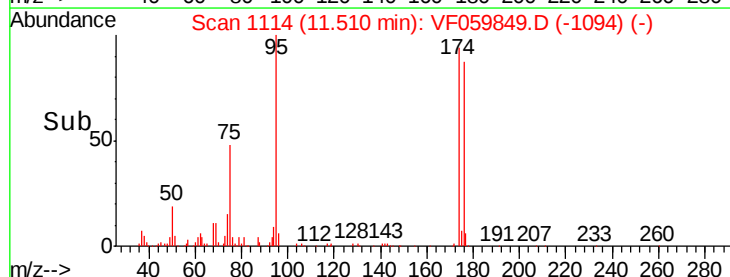
Abundance Ion 95.00 (94.70 to 95.70): VF0

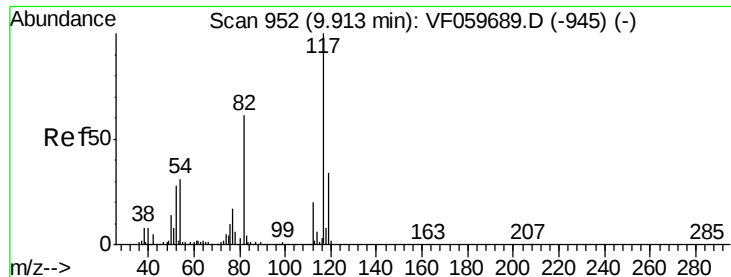
Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



Time-->

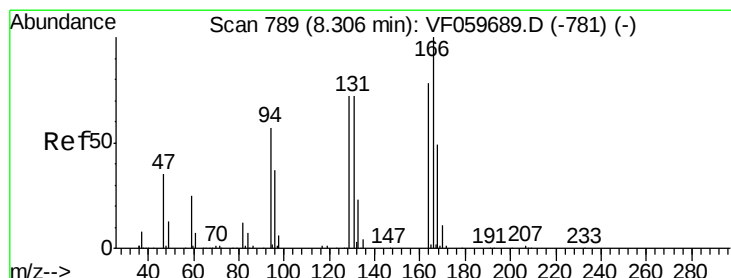
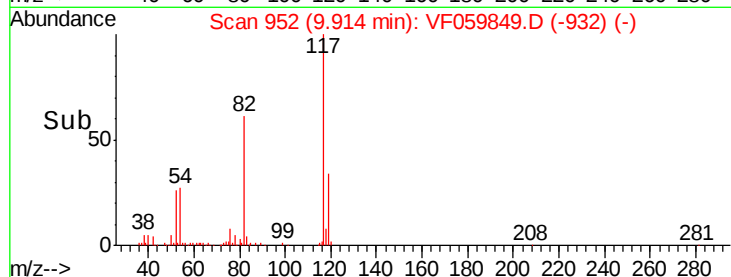
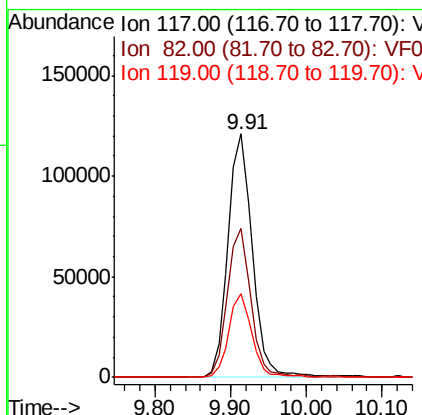
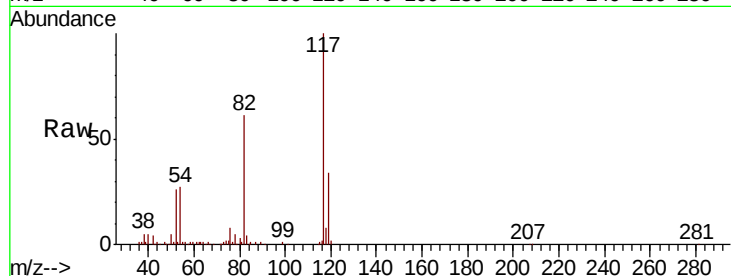




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059849.D
Acq: 3 Aug 2018 20:02

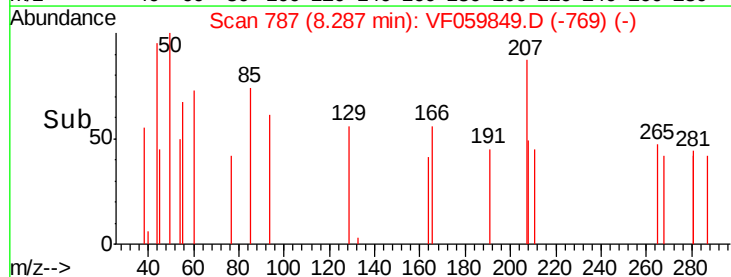
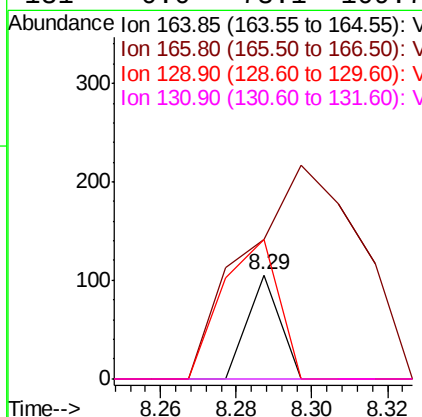
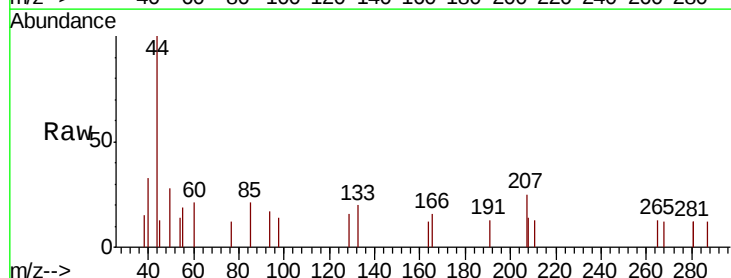
Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-3

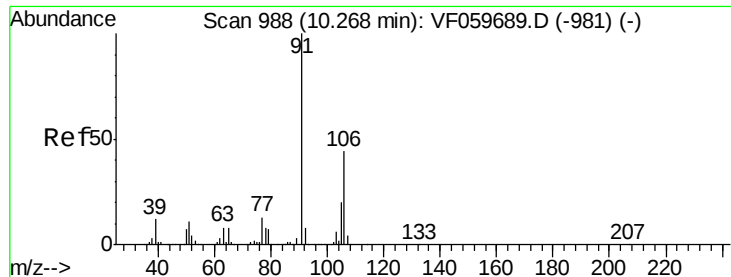
Tot Ion:117 Resp: 268884
Ion Ratio Lower Upper
117 100
82 61.1 49.0 73.4
119 34.4 27.3 40.9



#64
Tetrachloroethene
Concen: Below Cal
RT: 8.29 min Scan# 787
Delta R.T. -0.02 min
Lab File: VF059849.D
Acq: 3 Aug 2018 20:02

Tgt Ion:164 Resp: 62
Ion Ratio Lower Upper
164 100
166 135.2 102.1 153.1
129 135.2 73.8 110.6#
131 0.0 73.1 109.7#

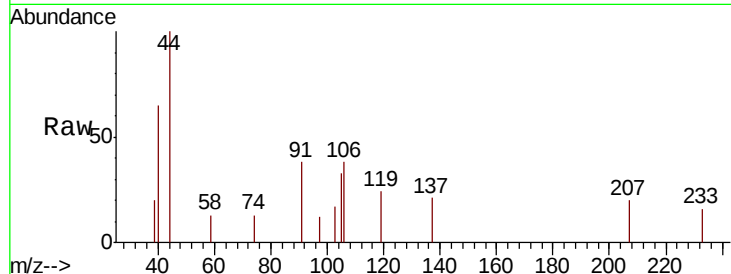




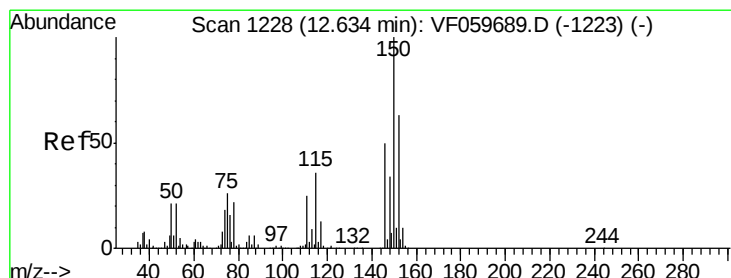
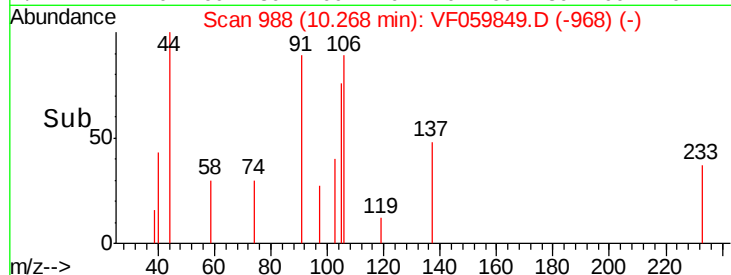
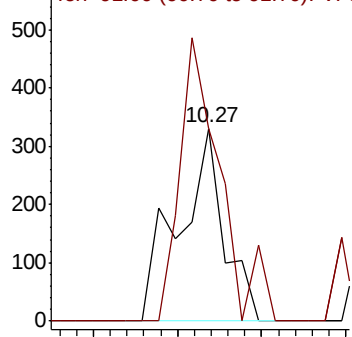
#68
m/p-Xvlenes
Concen: Below Cal
RT: 10.27 min Scan# 988
Delta R.T. 0.00 min
Lab File: VF059849.D
Acq: 3 Aug 2018 20:02

Instrument :
MSVOA_F
ClientSampled :
KG-PIT-3

Tot Ion:106 Resp: 615
Ion Ratio Lower Upper
106 100
91 100.0 181.7 272.5#

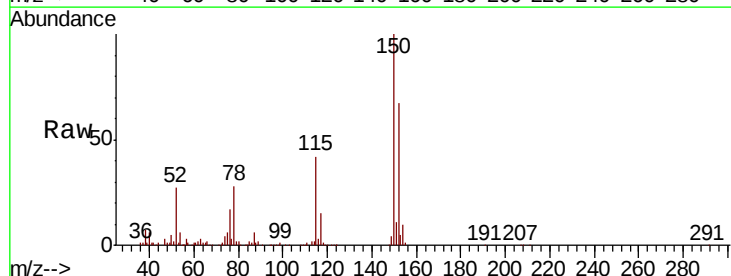


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

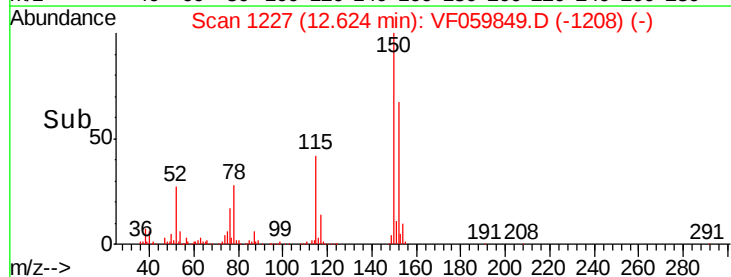
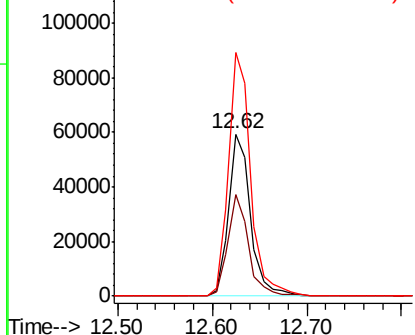


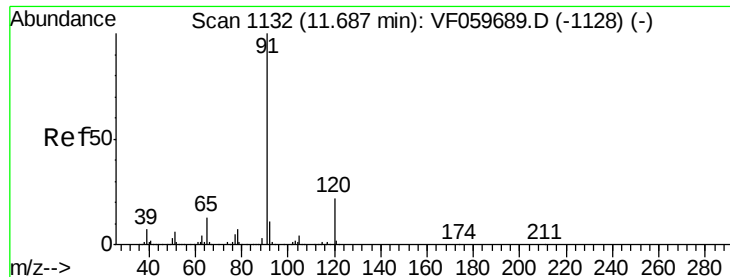
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059849.D
Acq: 3 Aug 2018 20:02

Tgt Ion:152 Resp: 95508
Ion Ratio Lower Upper
152 100
115 62.9 28.2 84.6
150 150.1 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: VF059849.D

Acq: 3 Aug 2018 20:02

Instrument :

MSVOA_F

ClientSampleId :

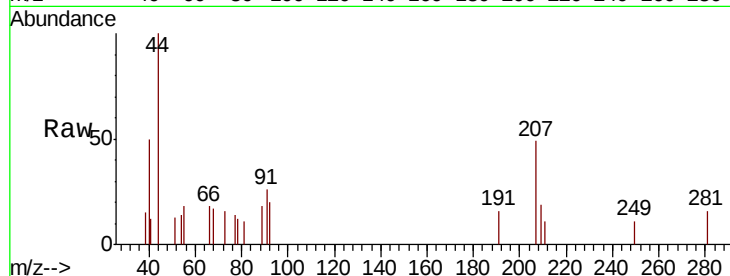
KG-PIT-3

Tot Ion: 91 Resp: 302

Ion Ratio Lower Upper

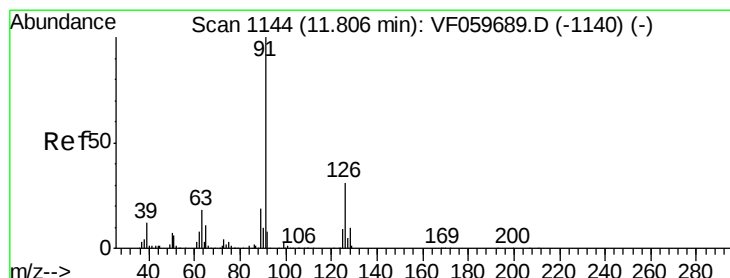
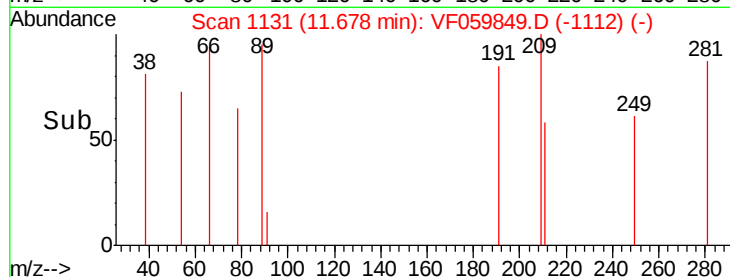
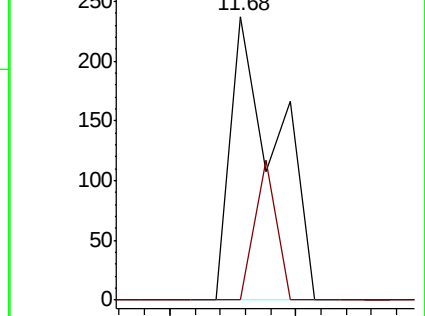
91 100

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: 11.81 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VF059849.D

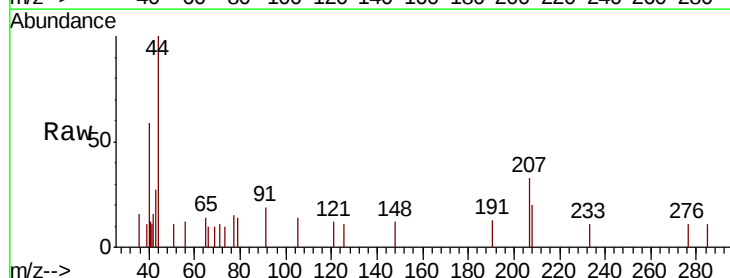
Acq: 3 Aug 2018 20:02

Tgt Ion: 91 Resp: 177

Ion Ratio Lower Upper

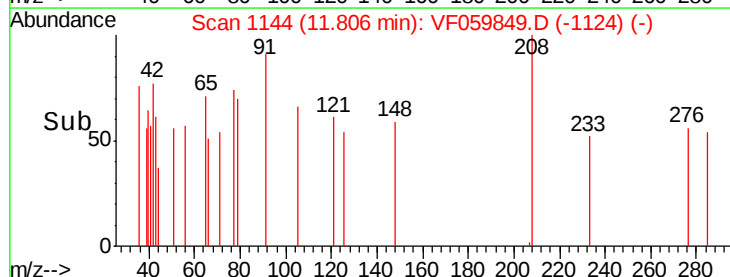
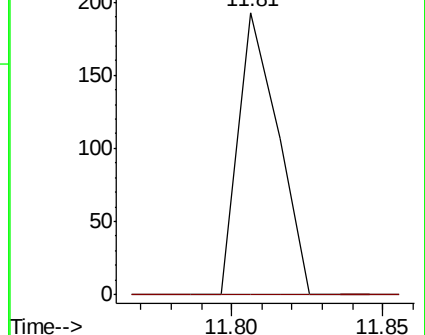
91 100

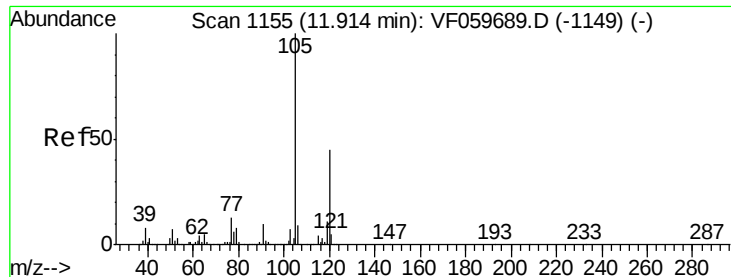
126 0.0 15.4 46.2#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

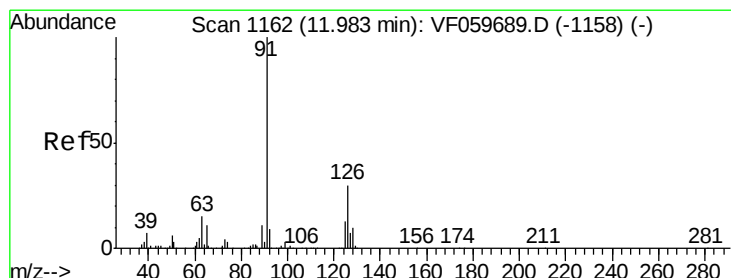
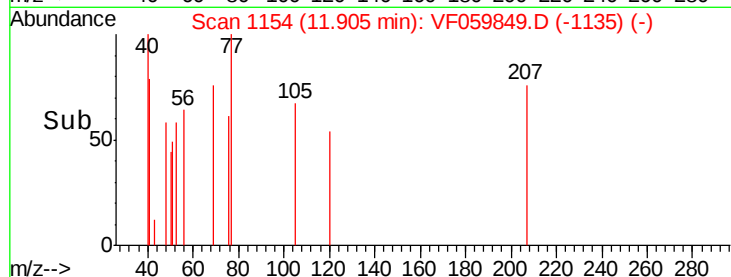
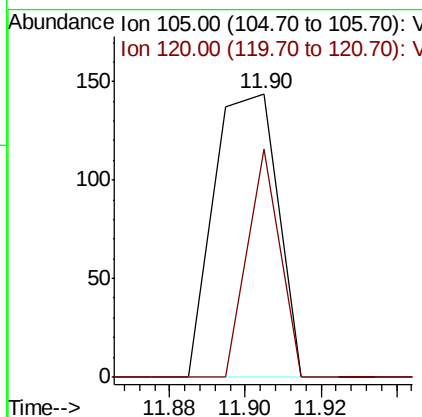
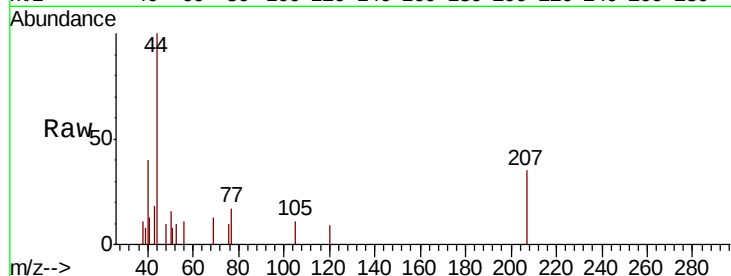




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 11.90 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: VF059849.D
 Acq: 3 Aug 2018 20:02

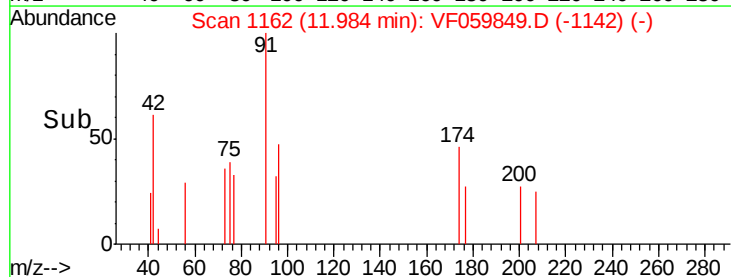
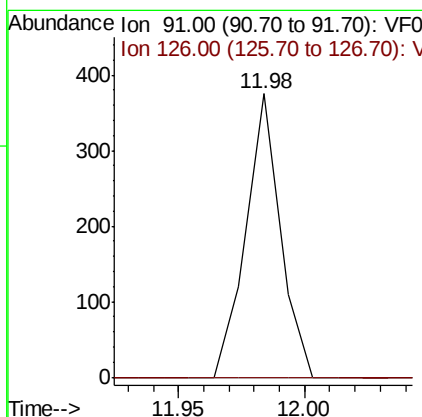
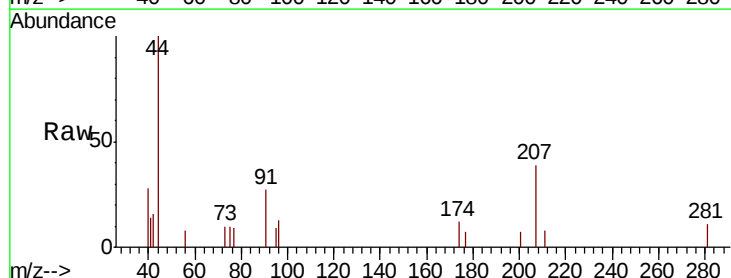
Instrument :
 MSVOA_F
 ClientSampleId :
 KG-PIT-3

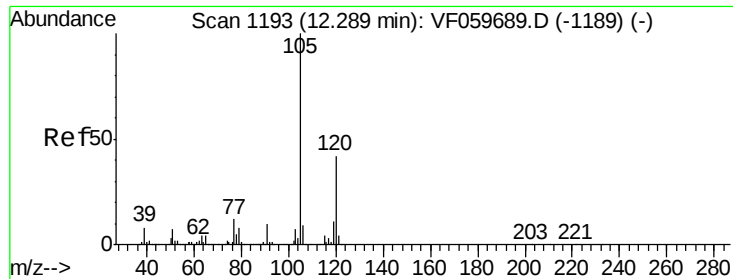
Tot Ion: 105 Resp: 166
 Ion Ratio Lower Upper
 105 100
 120 80.6 22.7 68.0#



#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 11.98 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VF059849.D
 Acq: 3 Aug 2018 20:02

Tgt Ion: 91 Resp: 357
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.2 45.6#

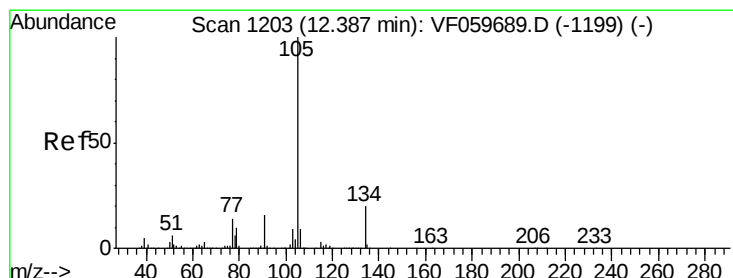
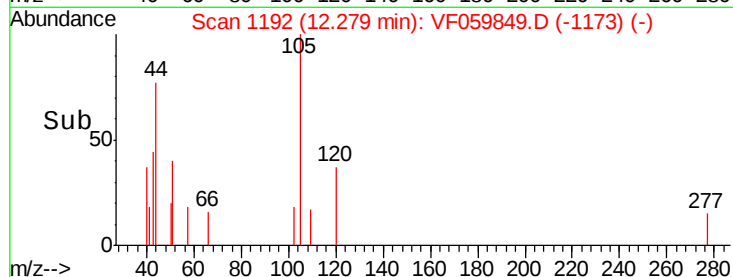
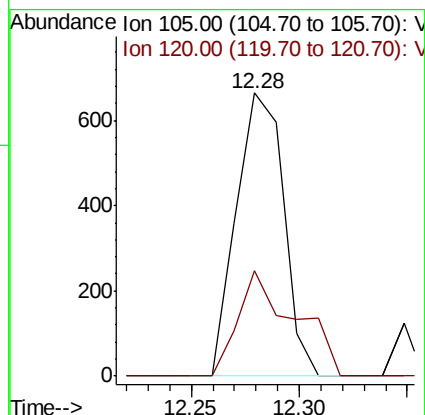
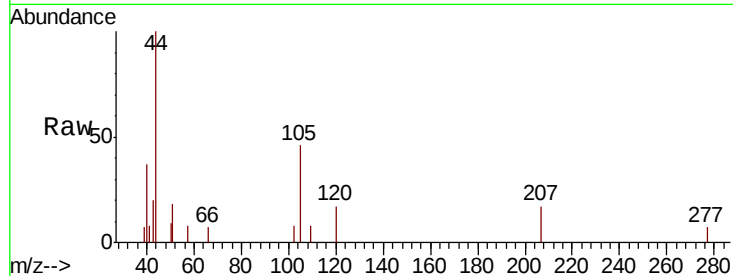




#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 12.28 min Scan# 1192
Delta R.T. -0.01 min
Lab File: VF059849.D
Acq: 3 Aug 2018 20:02

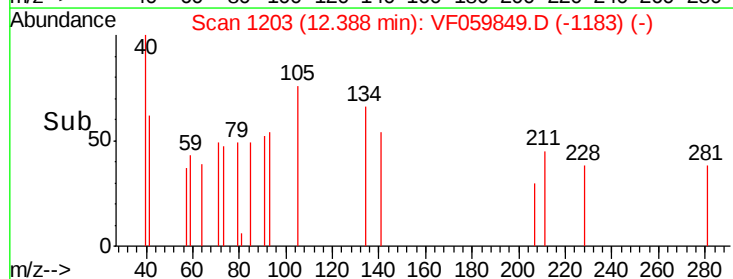
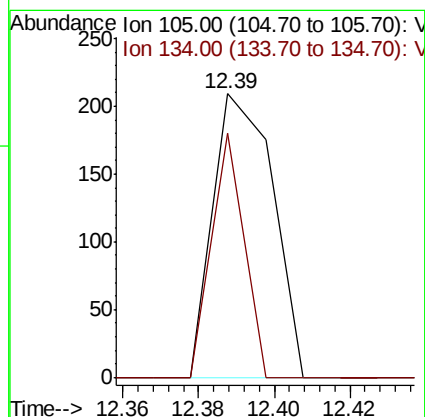
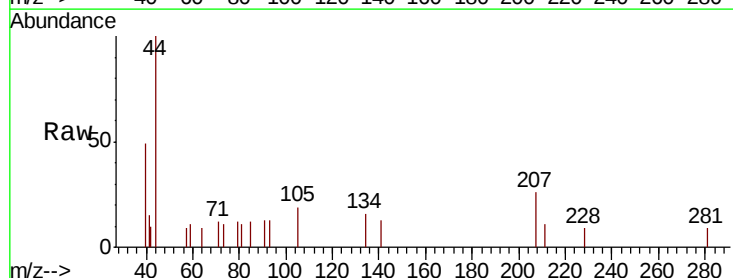
Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-3

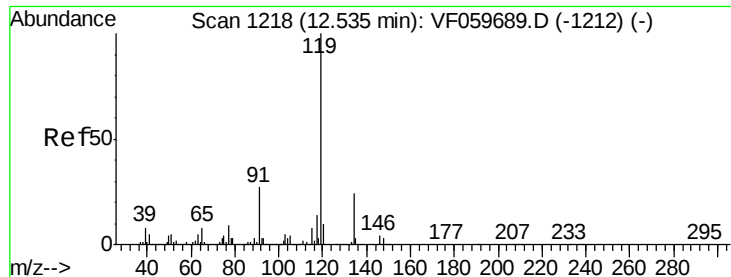
Tot Ion:105 Resp: 1017
Ion Ratio Lower Upper
105 100
120 37.0 21.1 63.3



#85
sec-Butylbenzene
Concen: Below Cal
RT: 12.39 min Scan# 1203
Delta R.T. 0.00 min
Lab File: VF059849.D
Acq: 3 Aug 2018 20:02

Tgt Ion:105 Resp: 227
Ion Ratio Lower Upper
105 100
134 86.1 9.8 29.3#



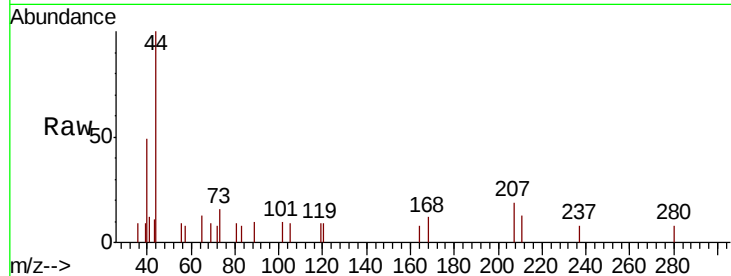


#86

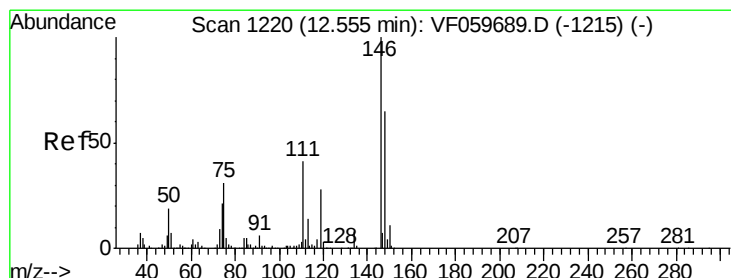
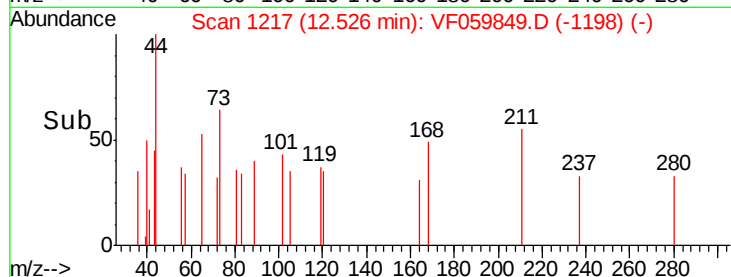
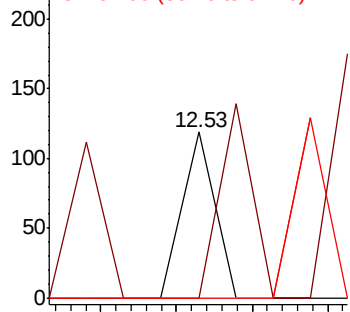
p-Isopropyltoluene
 Concen: Below Cal
 RT: 12.53 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: VF059849.D
 Acq: 3 Aug 2018 20:02

Instrument :
 MSVOA_F
 ClientSampleId :
 KG-PIT-3

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



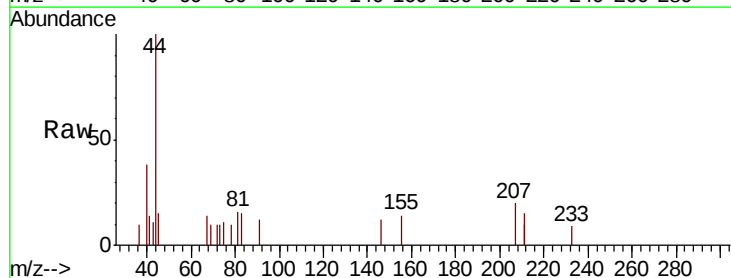
Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): VF0



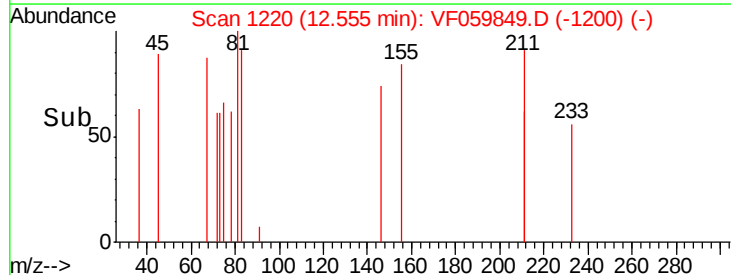
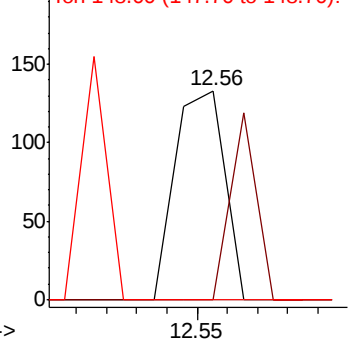
#87

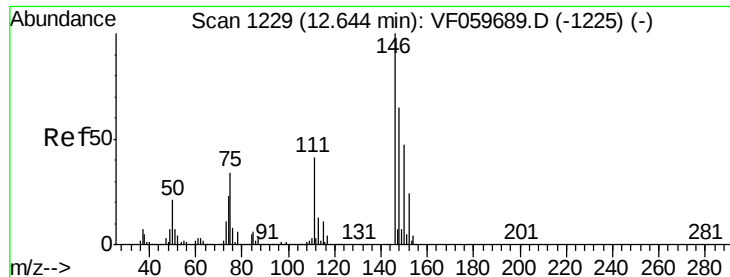
1,3-Dichlorobenzene
 Concen: Below Cal
 RT: 12.56 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: VF059849.D
 Acq: 3 Aug 2018 20:02

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

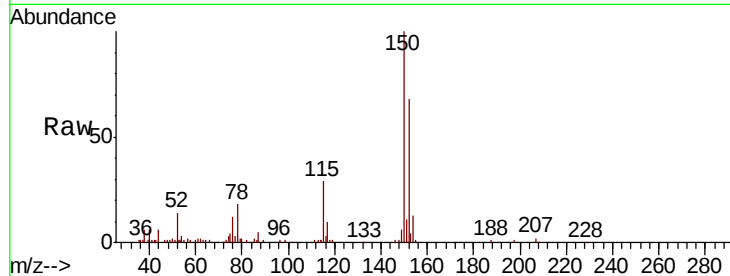




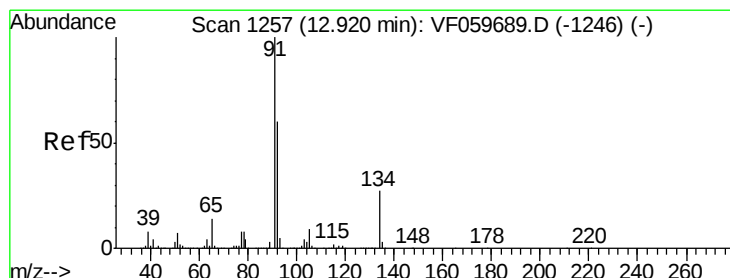
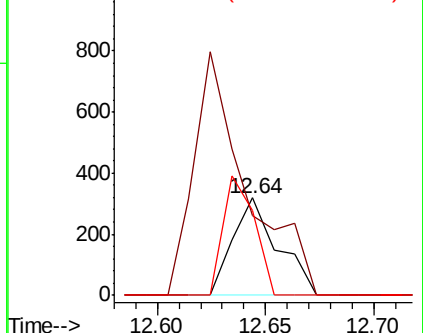
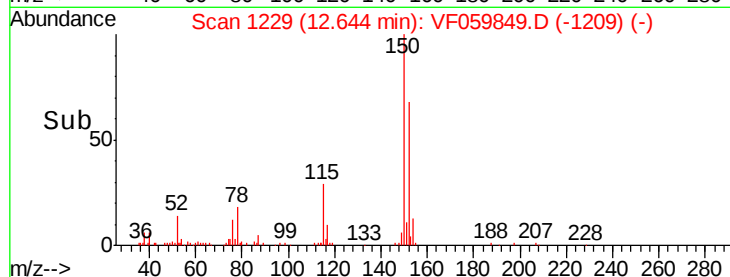
#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 12.64 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VF059849.D
 Acq: 3 Aug 2018 20:02

Instrument :
 MSVOA_F
 ClientSampled :
 KG-PIT-3

Tot Ion:146 Resp: 461
 Ion Ratio Lower Upper
 146 100
 111 82.1 20.8 62.2#
 148 87.7 32.3 96.9

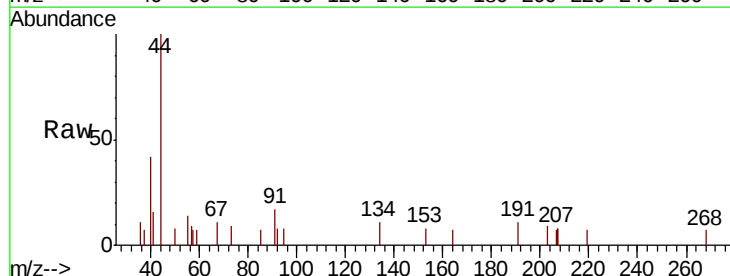


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

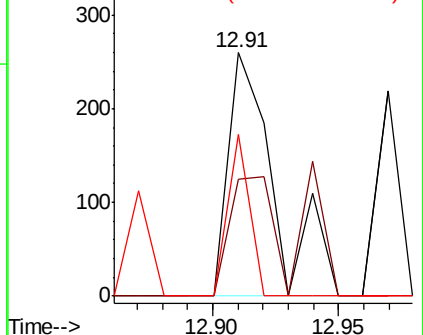
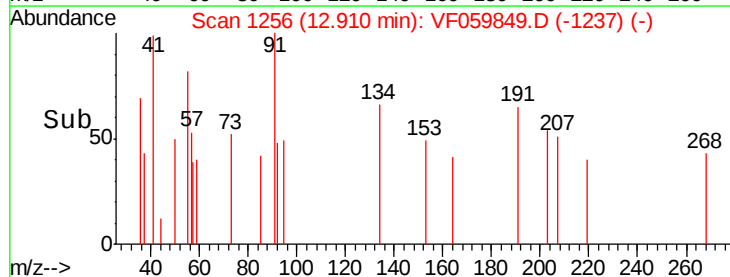


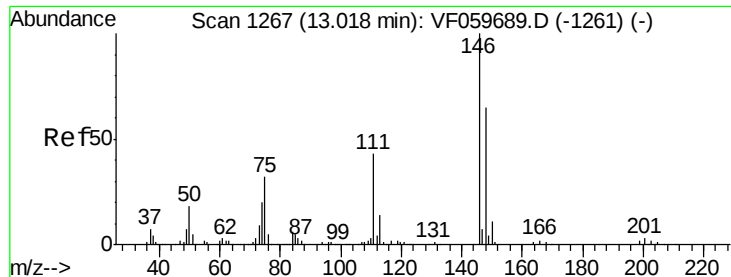
#89
 n-Butylbenzene
 Concen: Below Cal
 RT: 12.91 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: VF059849.D
 Acq: 3 Aug 2018 20:02

Tgt Ion: 91 Resp: 328
 Ion Ratio Lower Upper
 91 100
 92 48.1 30.1 90.3
 134 66.2 13.7 41.0#



Abundance Ion 91.00 (90.70 to 91.70): VF0
 Ion 92.00 (91.70 to 92.70): VF0
 Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.02 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VF059849.D

Acq: 3 Aug 2018 20:02

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-3

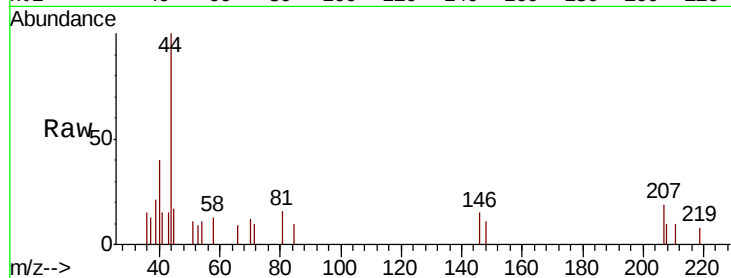
Tot Ion:146 Resp: 173

Ion Ratio Lower Upper

146 100

111 0.0 21.6 65.0#

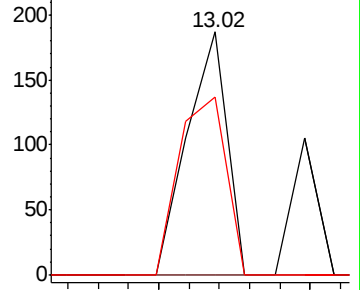
148 73.3 32.3 96.9



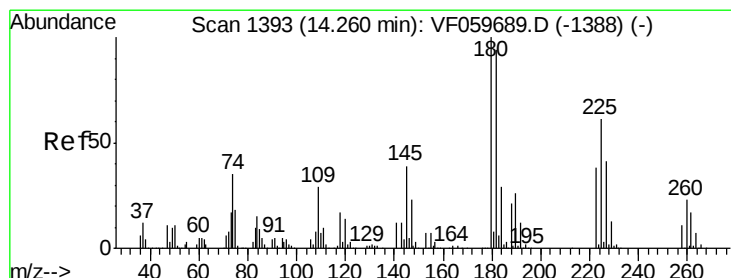
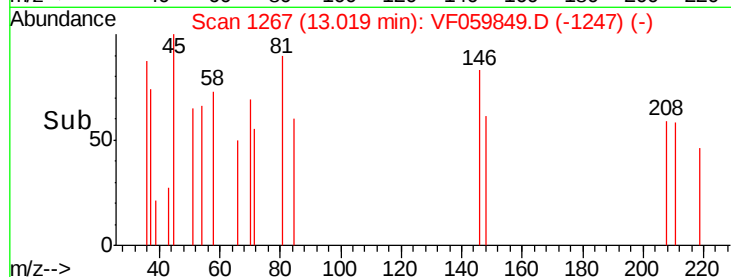
Abundance Ion 146.00 (145.70 to 146.70): V

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: 14.26 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VF059849.D

Acq: 3 Aug 2018 20:02

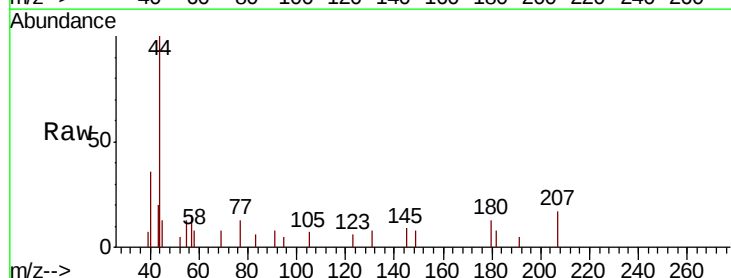
Tgt Ion:180 Resp: 153

Ion Ratio Lower Upper

180 100

182 64.5 47.2 141.6

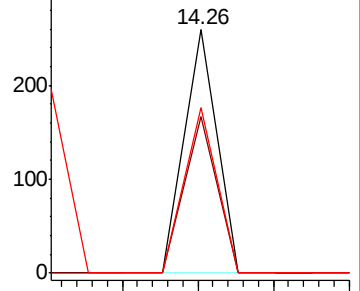
145 68.0 19.3 57.9#



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-->

