

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080318\
 Data File : VF059848.D
 Acq On : 3 Aug 2018 19:35
 Operator : VA/AP
 Sample : J4285-01RE
 Misc : 4.90g/5mL/MSVOA F/SOIL
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 KG-PIT-1RE

Quant Time: Aug 04 03:17:32 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	244931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	348065	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	251861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	79980	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	162466	36.91	ug/l	0.00
Spiked Amount			Recovery	=	73.82%	
35) Dibromofluoromethane	4.29	113	150328	41.58	ug/l	0.00
Spiked Amount			Recovery	=	83.16%	
50) Toluene-d8	7.70	98	280697	33.30	ug/l	0.00
Spiked Amount			Recovery	=	66.60%	
62) 4-Bromofluorobenzene	11.50	95	85743	18.37	ug/l	0.00
Spiked Amount			Recovery	=	36.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.10	50	862	Below Cal	#	38
4) Vinyl Chloride	1.20	62	153	Below Cal	#	58
5) Bromomethane	1.32	94	1003	Below Cal	#	4
6) Chloroethane	1.38	64	73	Below Cal	#	1
10) Methyl Iodide	1.85	142	80	Below Cal	#	1
13) Acrolein	2.10	56	194	18.02	ug/l	86
15) Acrylonitrile	3.09	53	512	1.86	ug/l	# 63
16) Acetone	2.34	43	17643	22.28	ug/l	# 93
17) Carbon Disulfide	1.83	76	19783	Below Cal	#	93
18) Methyl Acetate	2.47	43	1478	Below Cal	#	64
20) Methylene Chloride	2.27	84	4332	Below Cal	#	79
21) trans-1,2-Dichloroethene	2.44	96	66	Below Cal	#	1
28) Bromochloromethane	3.79	49	63	Below Cal	#	15
29) Tetrahydrofuran	4.26	42	540	1.59	ug/l	# 58
31) Cyclohexane	3.90	56	76	Below Cal	#	1
36) 1,1-Dichloropropene	4.47	75	290	Below Cal	#	1
37) Ethyl Acetate	4.24	43	276	Below Cal	#	19
39) Methylcyclohexane	5.75	83	4954	Below Cal	#	41
41) Methacrylonitrile	4.92	41	228	Below Cal	#	24
44) Trichloroethene	5.50	130	64	Below Cal		2
49) 1,4-Dioxane	6.80	88	85	Below Cal	#	1
52) Toluene	7.77	92	816	Below Cal		76
58) 2-Chloroethyl Vinyl ether	7.78	63	235	1.03	ug/l	100
64) Tetrachloroethene	8.30	164	501	Below Cal	#	71
68) m/p-Xylenes	10.27	106	179	Below Cal	#	58
78) n-propylbenzene	11.67	91	318	Below Cal	#	54
79) 2-Chlorotoluene	11.80	91	198	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	11.90	105	480	Below Cal	#	31
82) 4-Chlorotoluene	11.98	91	181	Below Cal	#	44
84) 1,2,4-Trimethylbenzene	12.28	105	532	Below Cal		68
85) sec-Butylbenzene	12.38	105	148	Below Cal	#	57
86) p-Isopropyltoluene	12.54	119	584	Below Cal	#	49
87) 1,3-Dichlorobenzene	12.65	146	309	Below Cal	#	58
88) 1,4-Dichlorobenzene	12.65	146	309	Below Cal	#	58

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

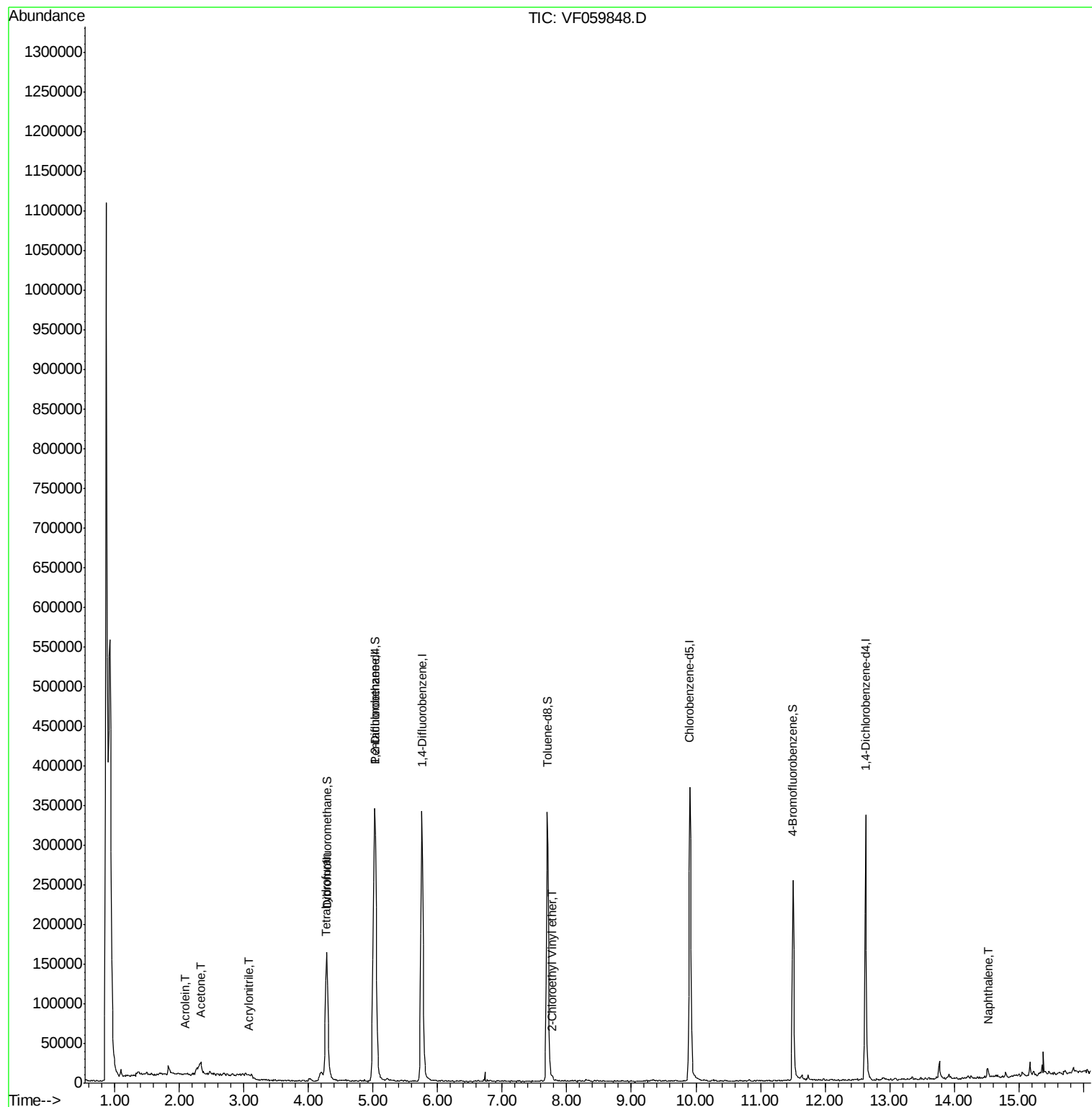
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.91	91	600	Below Cal	#	73
91) 1,2-Dichlorobenzene	13.01	146	219	Below Cal	#	24
93) 1,2,4-Trichlorobenzene	14.26	180	191	Below Cal	#	46
95) Naphthalene	14.51	128	4429	1.28 ug/l	#	87

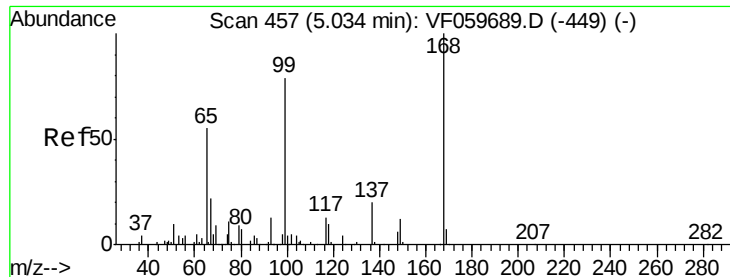
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF059848.D

Acq: 3 Aug 2018 19:35

Instrument :

MSVOA_F

ClientSampleId :

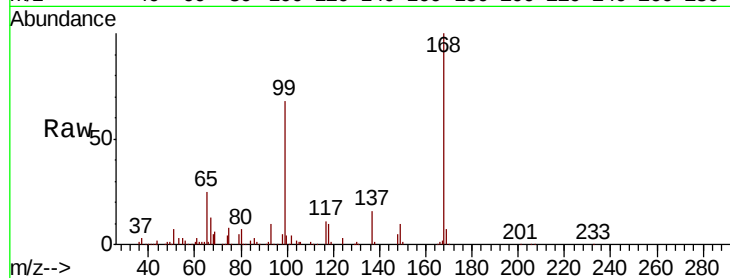
KG-PIT-1RE

Tot Ion:168 Resp: 244931

Ion Ratio Lower Upper

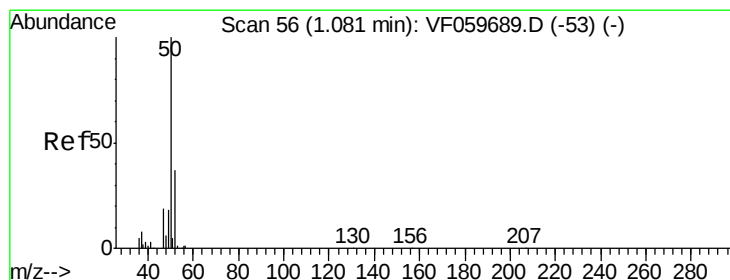
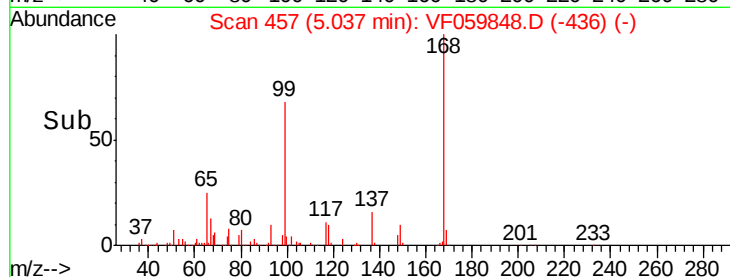
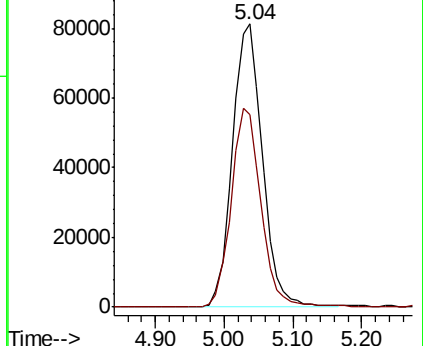
168 100

99 67.8 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#3

Chloromethane

Concen: Below Cal

RT: 1.10 min Scan# 58

Delta R.T. 0.02 min

Lab File: VF059848.D

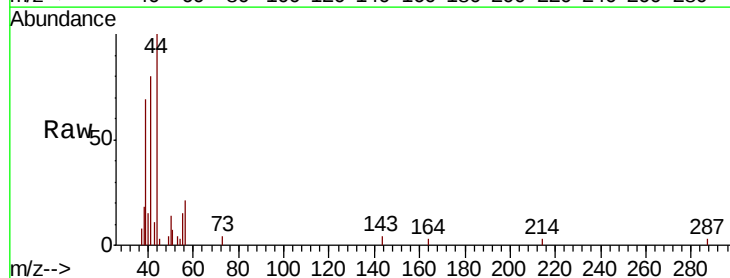
Acq: 3 Aug 2018 19:35

Tgt Ion: 50 Resp: 862

Ion Ratio Lower Upper

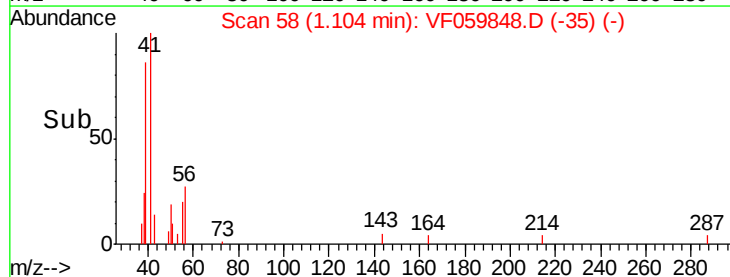
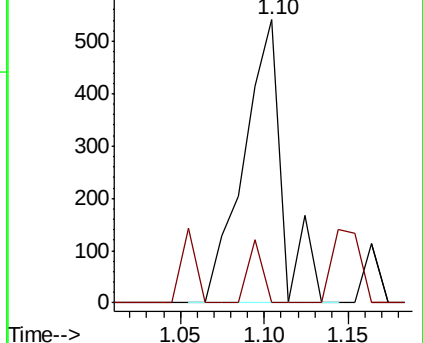
50 100

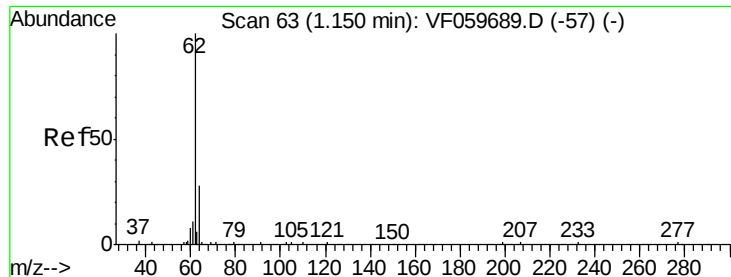
52 0.0 29.1 43.7#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0





#4

Vinyl Chloride

Concen: Below Cal

RT: 1.20 min Scan# 68

Delta R.T. 0.05 min

Lab File: VF059848.D

Acq: 3 Aug 2018 19:35

Instrument :

MSVOA_F

ClientSampleId :

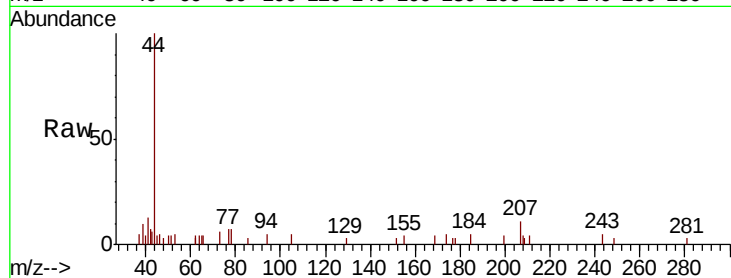
KG-PIT-1RE

Tot Ion: 62 Resp: 153

Ion Ratio Lower Upper

62 100

64 50.4 22.6 33.8#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0

1.20

250

200

150

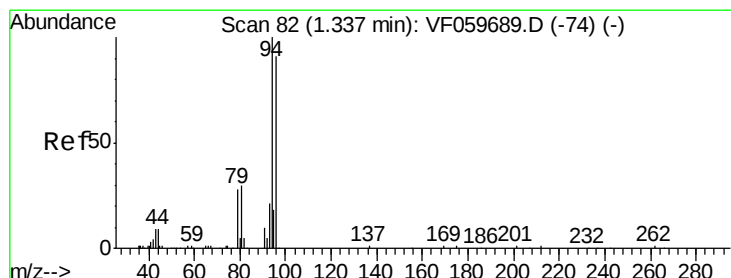
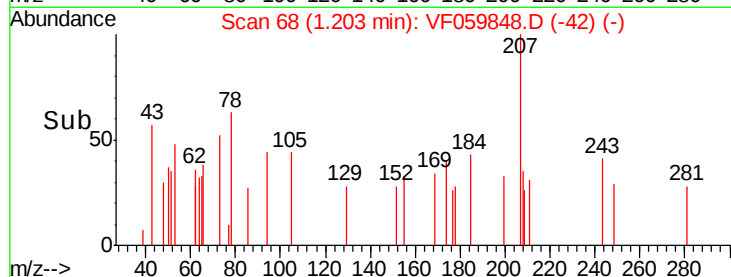
100

50

0

1.18 1.20 1.22

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.32 min Scan# 80

Delta R.T. -0.02 min

Lab File: VF059848.D

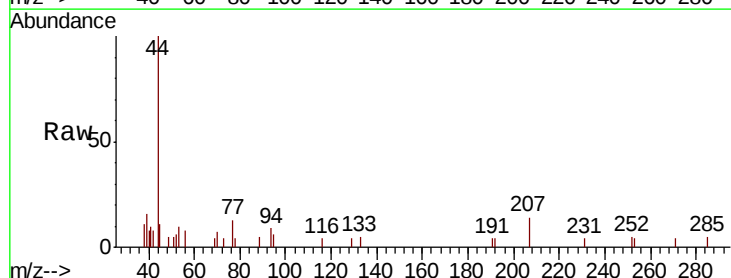
Acq: 3 Aug 2018 19:35

Tgt Ion: 94 Resp: 1003

Ion Ratio Lower Upper

94 100

96 0.0 73.6 110.4#



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0

500

400

300

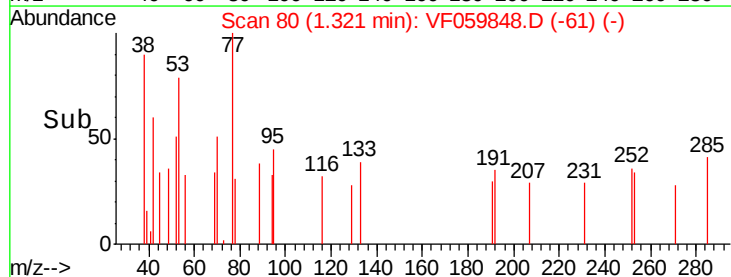
200

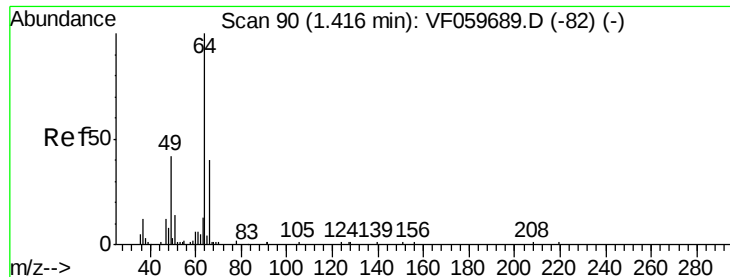
100

0

1.25 1.30 1.35 1.40

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.38 min Scan# 86

Delta R.T. -0.04 min

Lab File: VF059848.D

Acq: 3 Aug 2018 19:35

Instrument :

MSVOA_F

ClientSampleId :

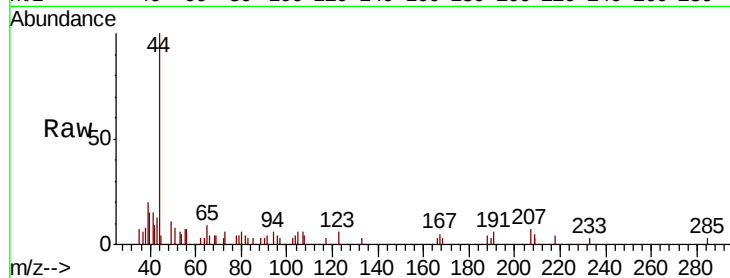
KG-PIT-1RE

Tot Ion: 64 Resp: 73

Ion Ratio Lower Upper

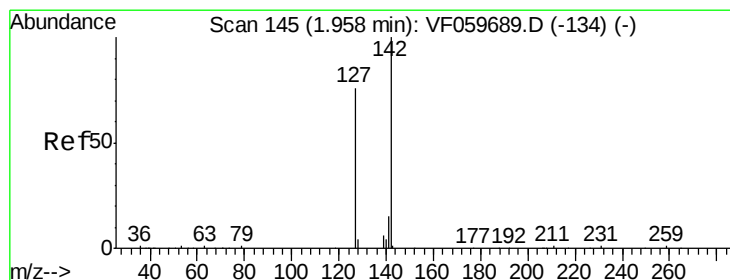
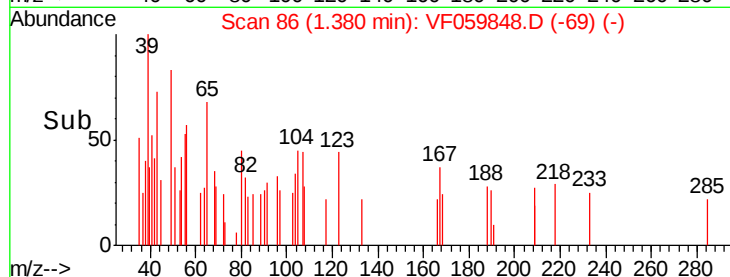
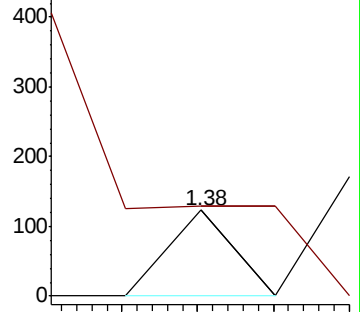
64 100

66 104.9 32.6 49.0#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0



#10

Methyl Iodide

Concen: Below Cal

RT: 1.85 min Scan# 134

Delta R.T. -0.10 min

Lab File: VF059848.D

Acq: 3 Aug 2018 19:35

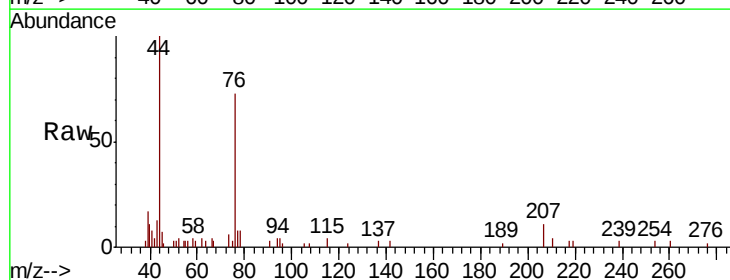
Tgt Ion: 142 Resp: 80

Ion Ratio Lower Upper

142 100

127 0.0 60.6 91.0#

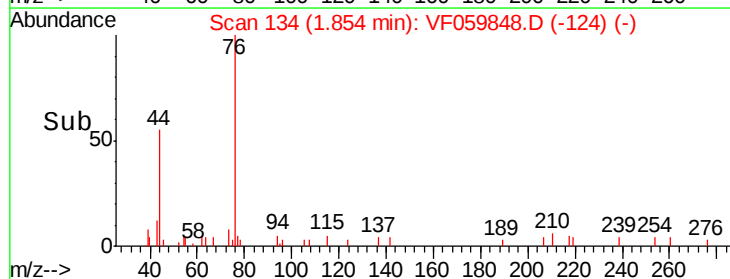
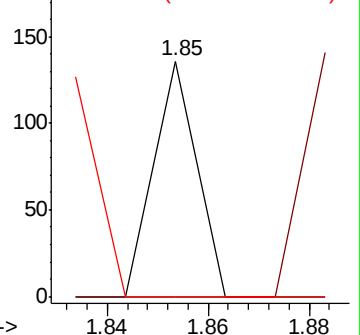
141 100.0 12.0 18.0#

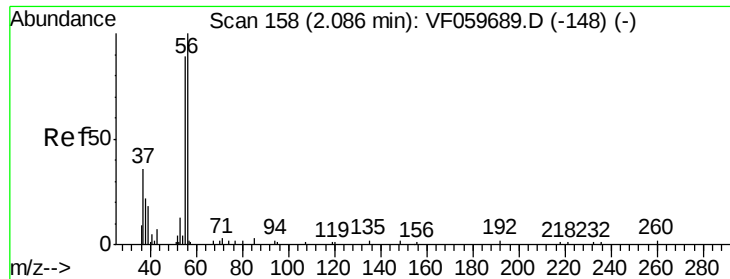


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V





#13

Acrolein

Concen: 18.02 ug/l

RT: 2.10 min Scan# 159

Delta R.T. 0.01 min

Lab File: VF059848.D

Acq: 3 Aug 2018 19:35

Instrument :

MSVOA_F

ClientSampleId :

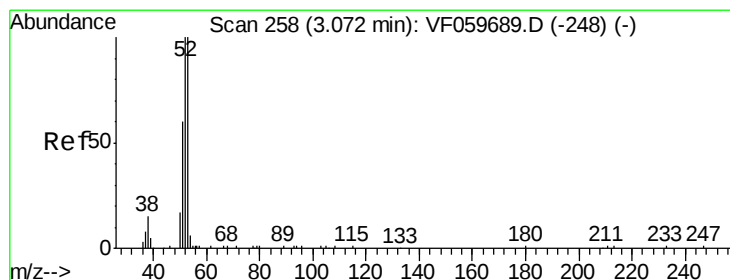
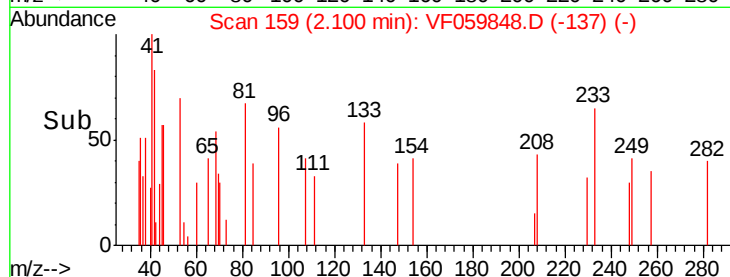
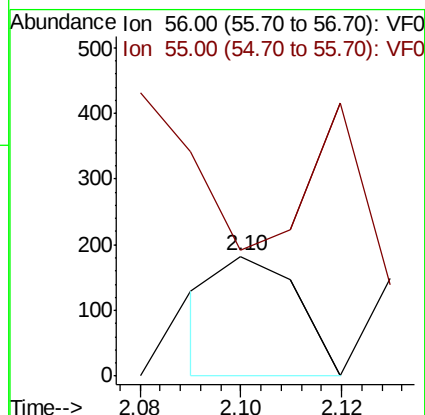
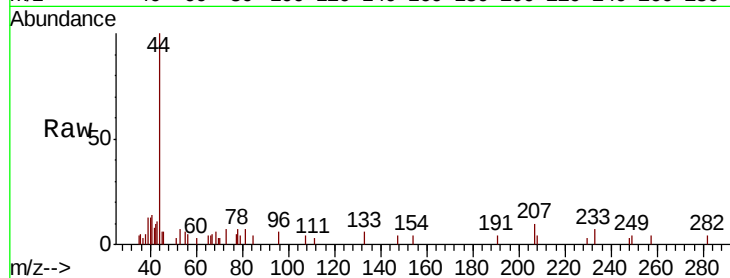
KG-PIT-1RE

Tot Ion: 56 Resp: 194

Ion Ratio Lower Upper

56 100

55 104.9 73.2 109.8



#15

Acrylonitrile

Concen: 1.86 ug/l

RT: 3.09 min Scan# 259

Delta R.T. 0.01 min

Lab File: VF059848.D

Acq: 3 Aug 2018 19:35

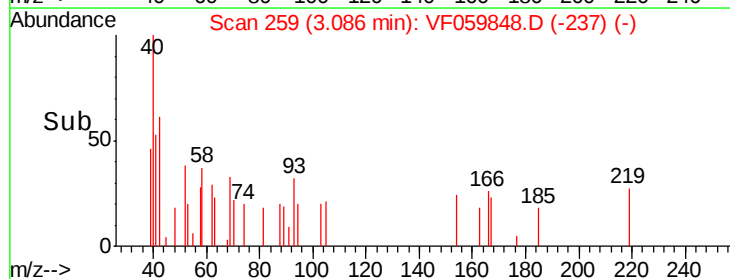
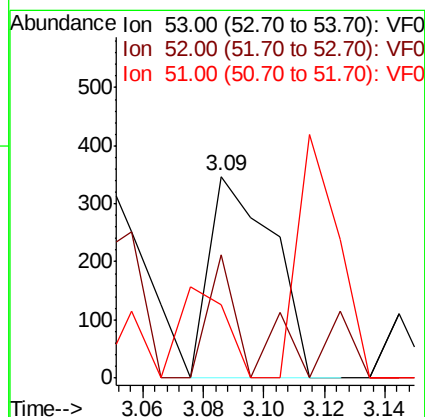
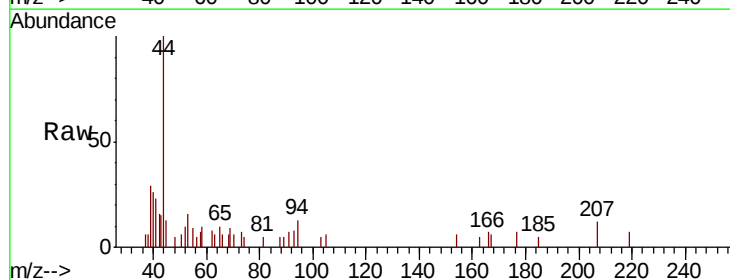
Tgt Ion: 53 Resp: 512

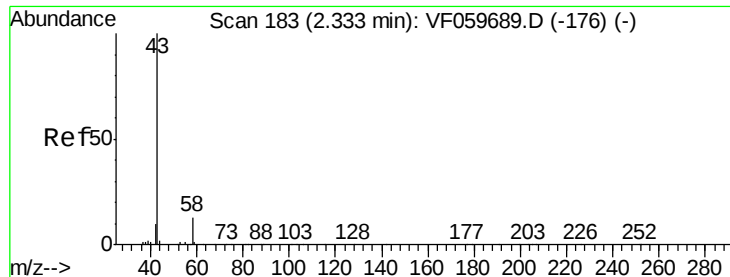
Ion Ratio Lower Upper

53 100

52 60.8 80.3 120.5#

51 36.6 49.4 74.0#

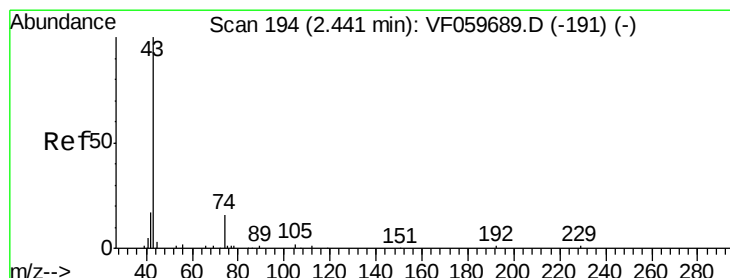
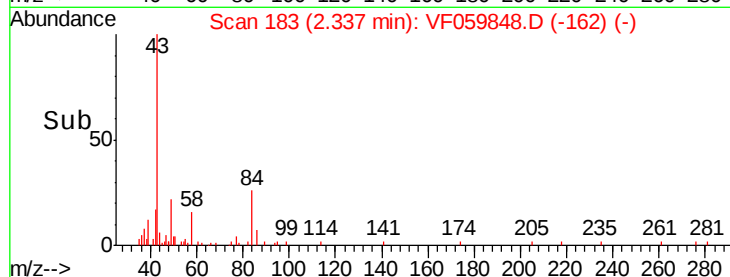
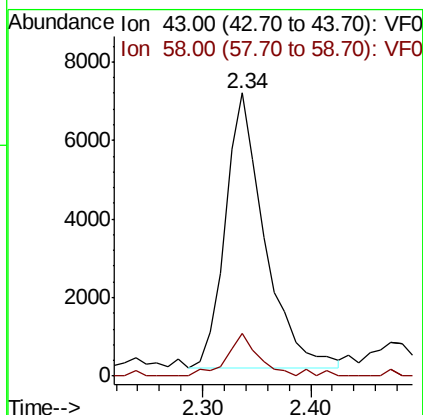
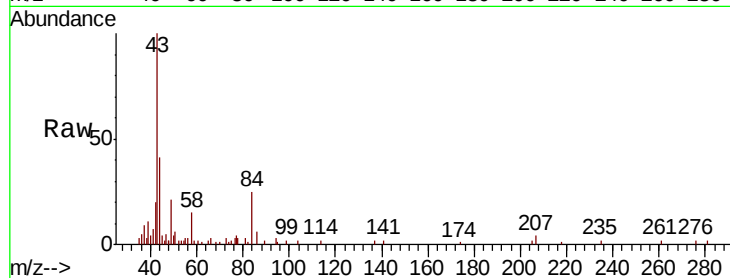




#16
Acetone
Concen: 22.28 ug/l
RT: 2.34 min Scan# 183
Delta R.T. 0.00 min
Lab File: VF059848.D
Acq: 3 Aug 2018 19:35

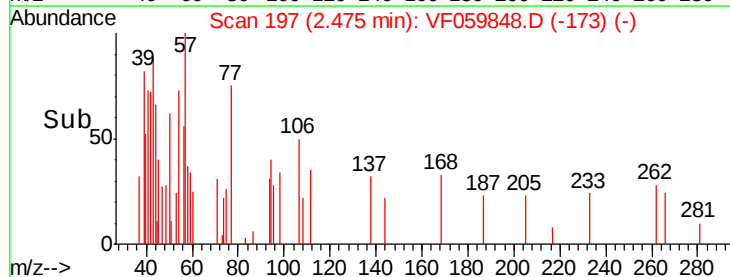
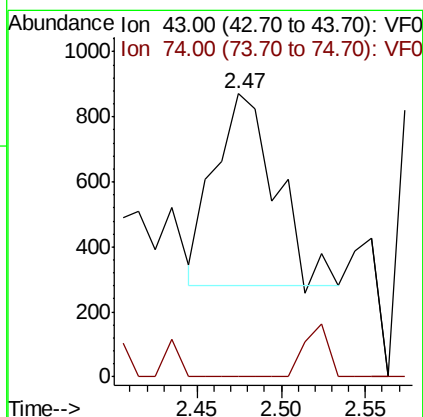
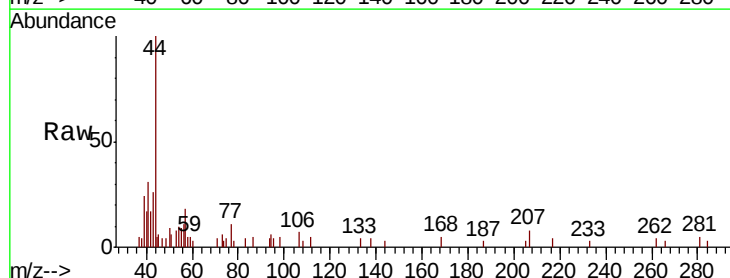
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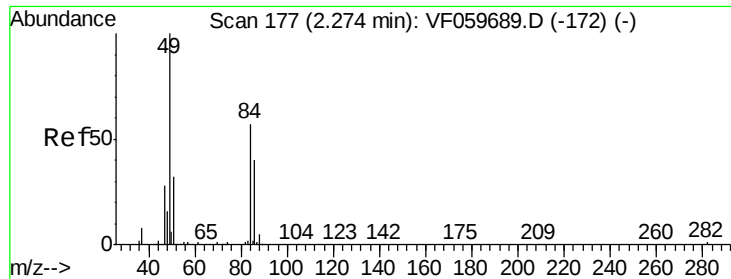
Tot Ion: 43 Resp: 17643
Ion Ratio Lower Upper
43 100
58 15.2 10.1 15.1#



#18
Methyl Acetate
Concen: Below Cal
RT: 2.47 min Scan# 197
Delta R.T. 0.03 min
Lab File: VF059848.D
Acq: 3 Aug 2018 19:35

Tgt Ion: 43 Resp: 1478
Ion Ratio Lower Upper
43 100
74 0.0 11.8 17.6#

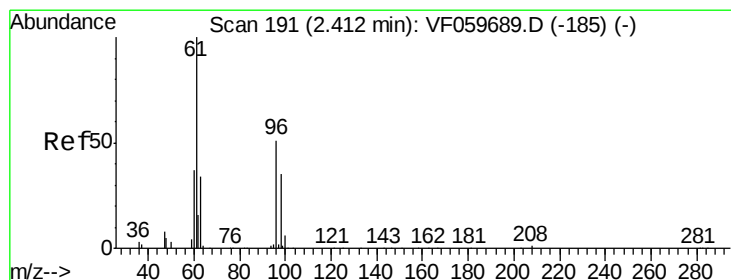
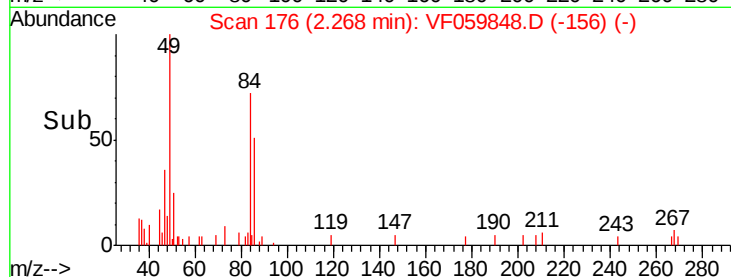
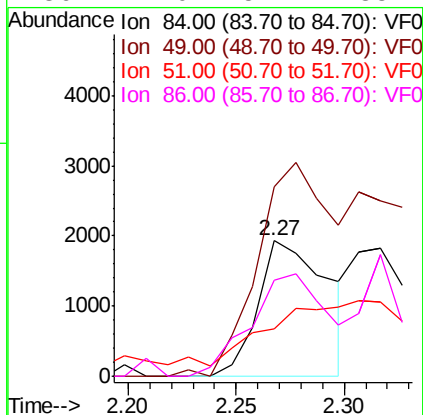
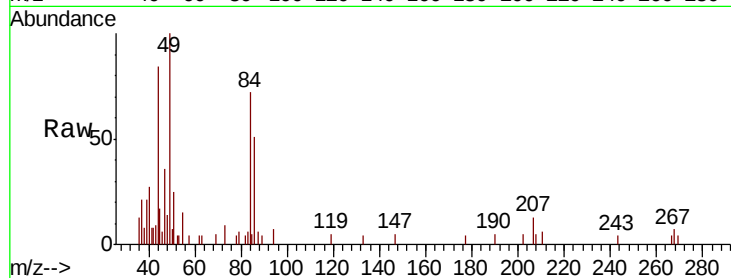




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 176
Delta R.T. -0.01 min
Lab File: VF059848.D
Acq: 3 Aug 2018 19:35

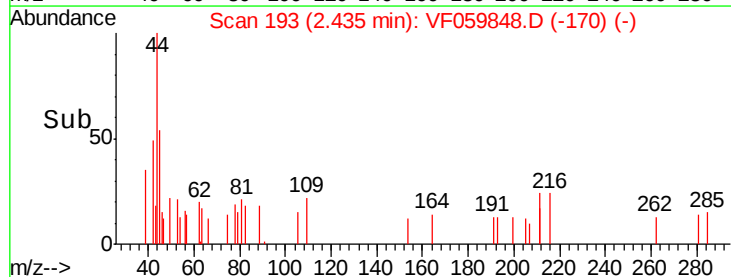
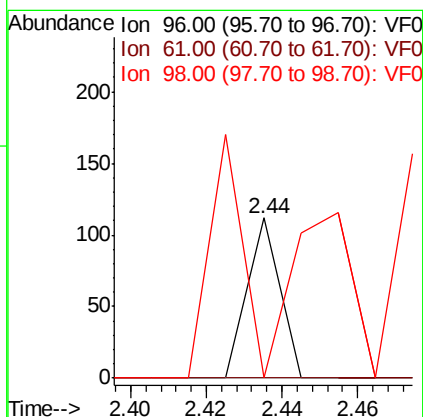
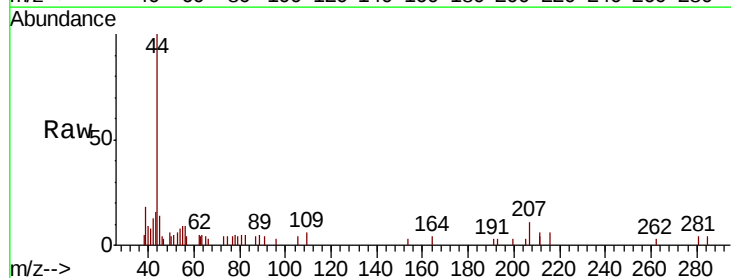
Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-1RE

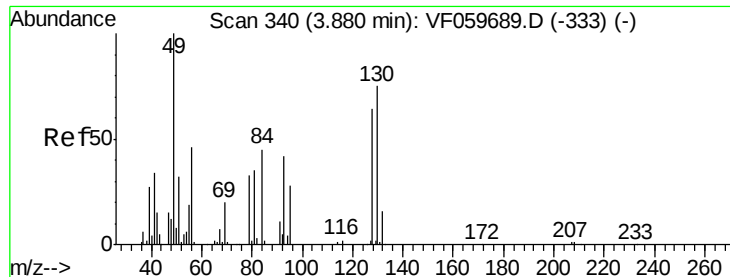
Tot Ion: 84 Resp: 4332
Ion Ratio Lower Upper
84 100
49 139.8 142.2 213.4#
51 35.3 46.2 69.2#
86 71.0 57.1 85.7



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 2.44 min Scan# 193
Delta R.T. 0.02 min
Lab File: VF059848.D
Acq: 3 Aug 2018 19:35

Tgt Ion: 96 Resp: 66
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: 3.79 min Scan# 330

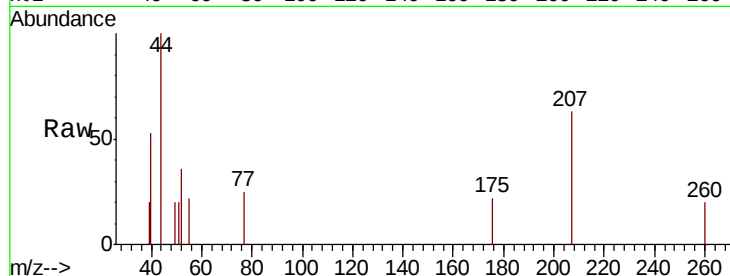
Delta R.T. -0.09 min

Lab File: VF059848.D

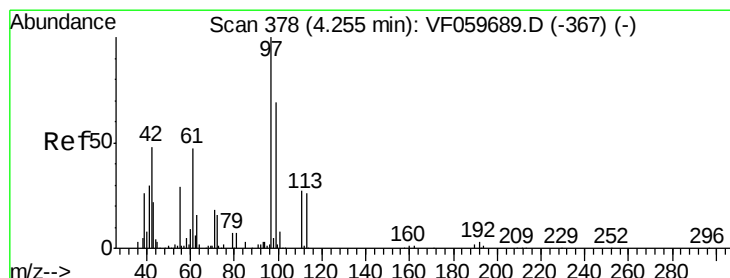
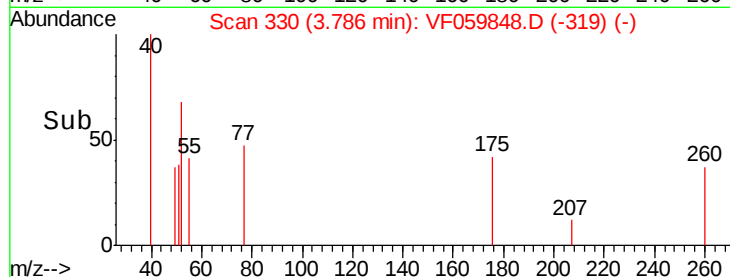
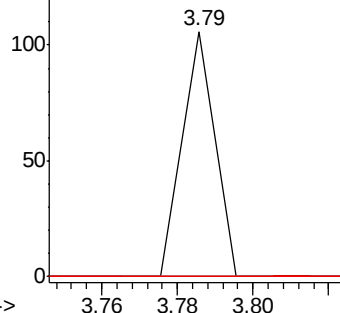
Acq: 3 Aug 2018 19:35

Instrument :
MSVOA_F
ClientSampled :
KG-PIT-1RE

Tot Ion:	49	Resp:	63
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: 1.59 ug/l

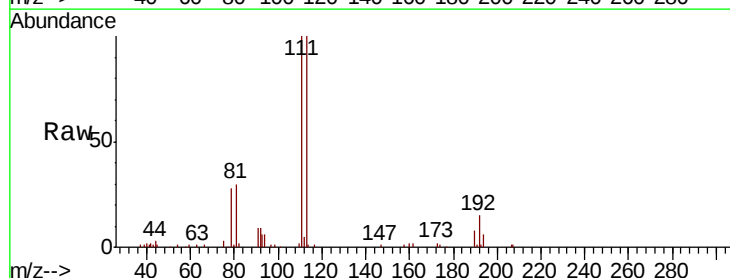
RT: 4.26 min Scan# 378

Delta R.T. 0.00 min

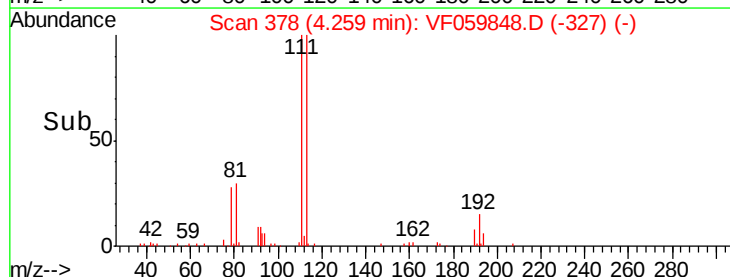
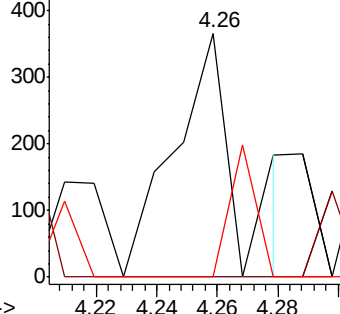
Lab File: VF059848.D

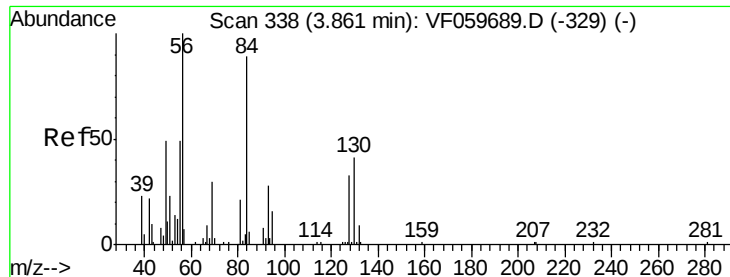
Acq: 3 Aug 2018 19:35

Tgt Ion:	42	Resp:	540
Ion	Ratio	Lower	Upper
42	100		
72	0.0	27.0	40.6#
71	21.9	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

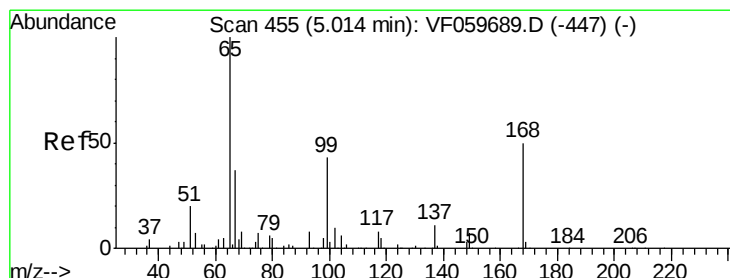
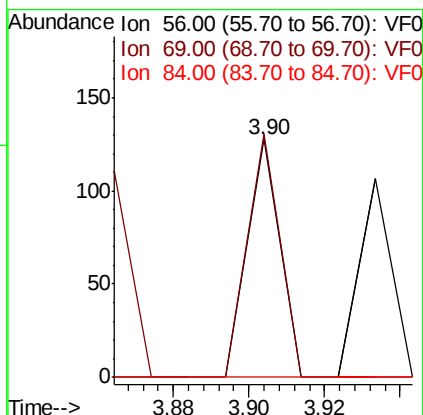
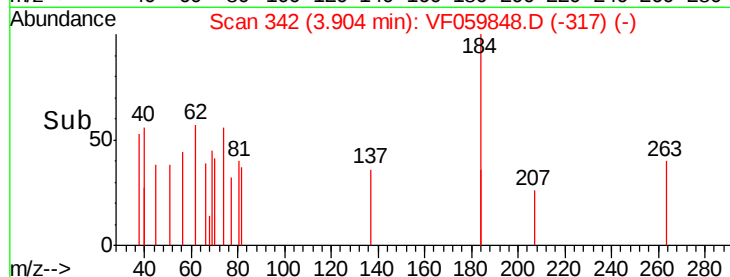
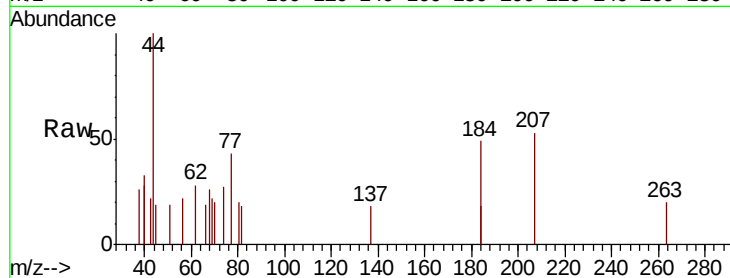




#31
Cvclohexane
Concen: Below Cal
RT: 3.90 min Scan# 342
Delta R.T. 0.04 min
Lab File: VF059848.D
Acq: 3 Aug 2018 19:35

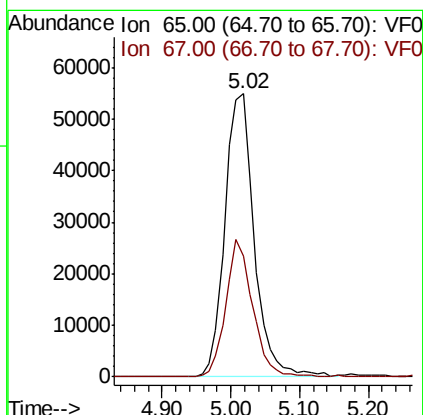
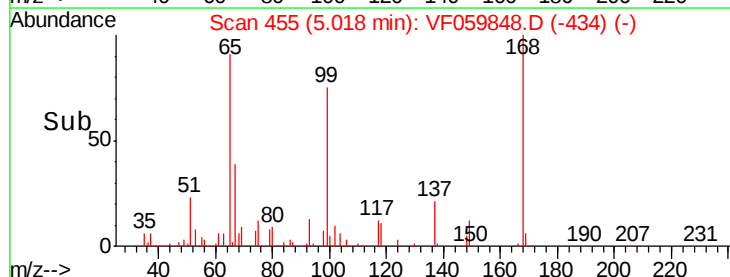
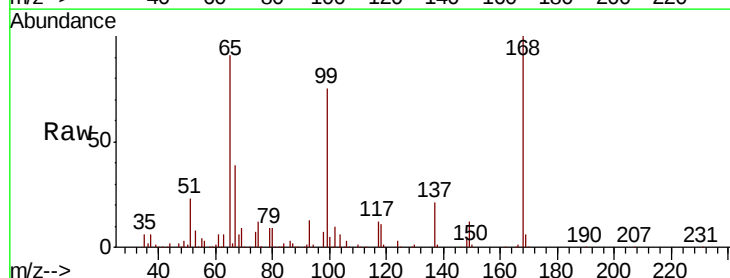
Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-1RE

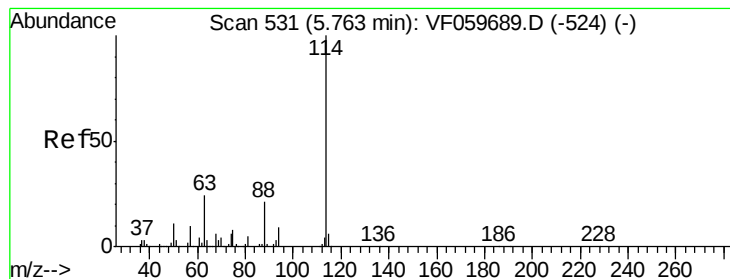
Tot Ion: 56 Resp: 76
Ion Ratio Lower Upper
56 100
69 102.3 23.7 35.5#
84 0.0 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 36.91 ug/l
RT: 5.02 min Scan# 455
Delta R.T. 0.00 min
Lab File: VF059848.D
Acq: 3 Aug 2018 19:35

Tgt Ion: 65 Resp: 162466
Ion Ratio Lower Upper
65 100
67 42.7 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: VF059848.D

Acq: 3 Aug 2018 19:35

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-1RE

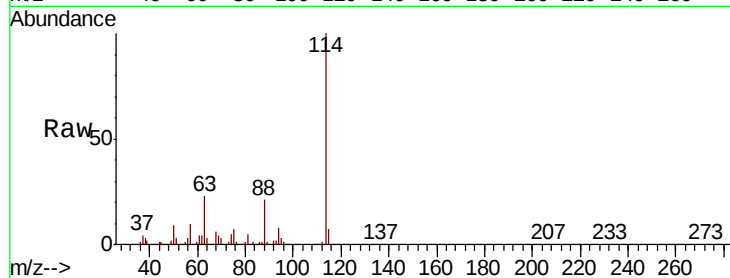
Tot Ion:114 Resp: 348065

Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.4

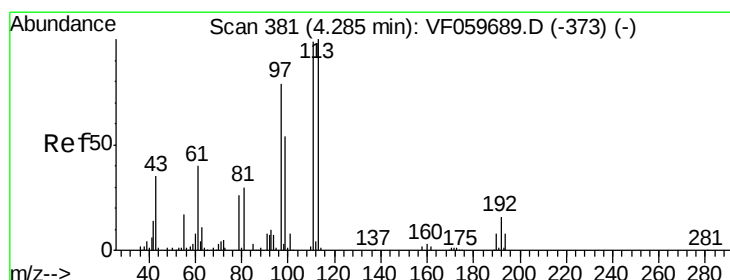
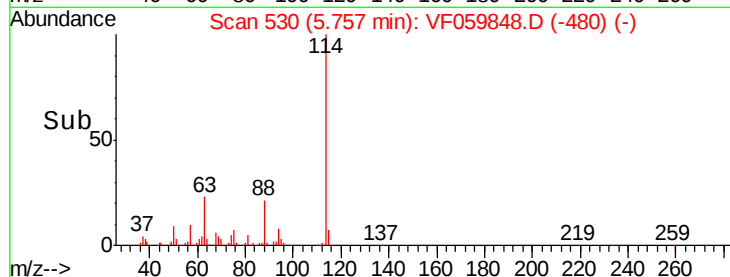
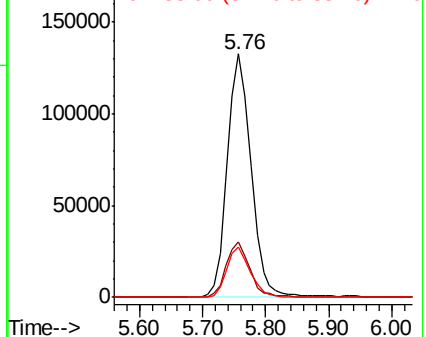
88 20.7 0.0 41.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 41.58 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.00 min

Lab File: VF059848.D

Acq: 3 Aug 2018 19:35

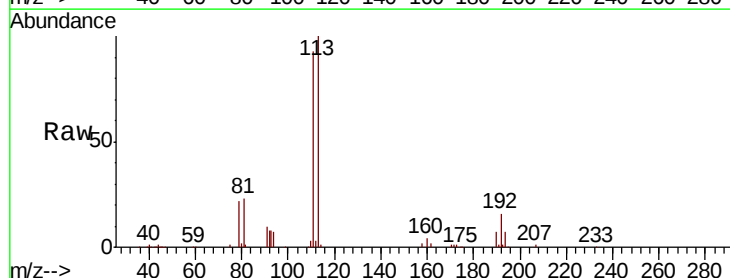
Tgt Ion:113 Resp: 150328

Ion Ratio Lower Upper

113 100

111 93.3 79.0 118.4

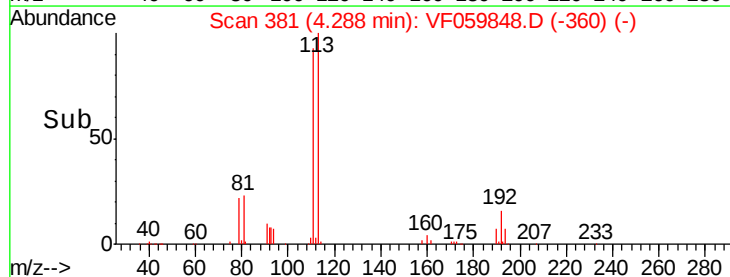
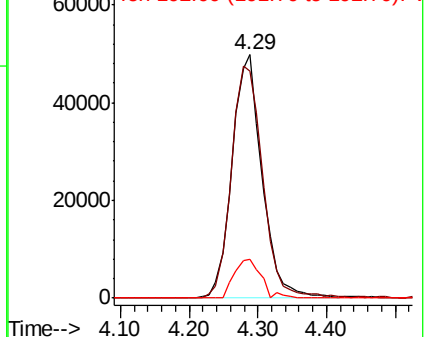
192 16.0 13.2 19.8

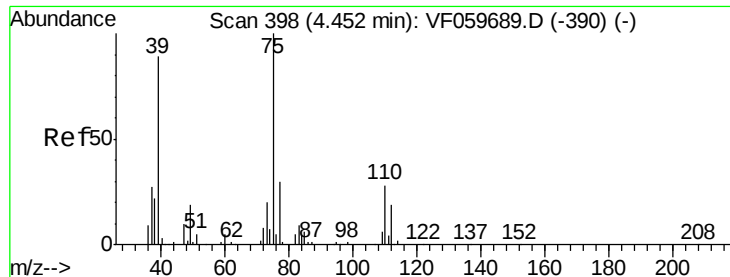


Abundance Ion 113.00 (112.70 to 113.70): V

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: VF059848.D

Acq: 3 Aug 2018 19:35

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-1RE

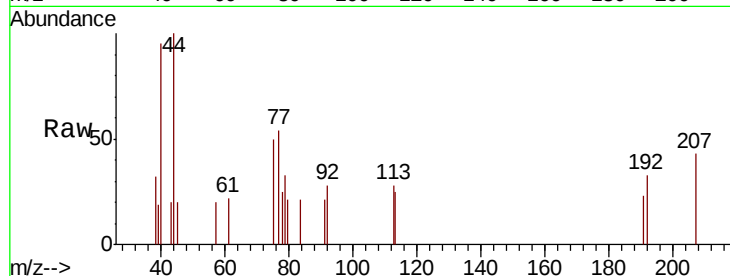
Tot Ion: 75 Resp: 290

Ion Ratio Lower Upper

75 100

110 0.0 14.0 41.9#

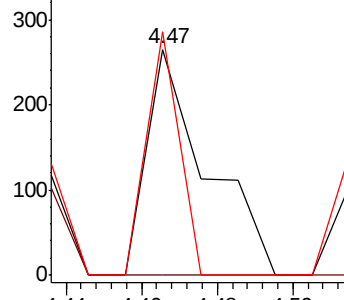
77 107.9 24.2 36.2#



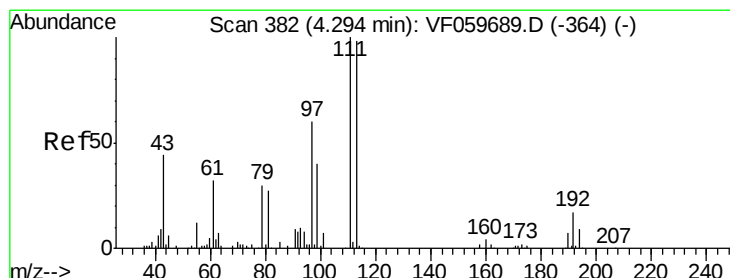
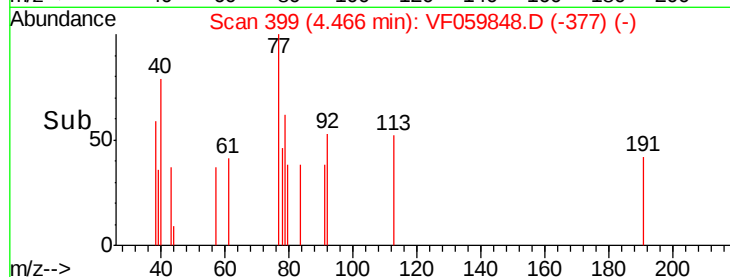
Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



Time-->



#37

Ethyl Acetate

Concen: Below Cal

RT: 4.24 min Scan# 376

Delta R.T. -0.06 min

Lab File: VF059848.D

Acq: 3 Aug 2018 19:35

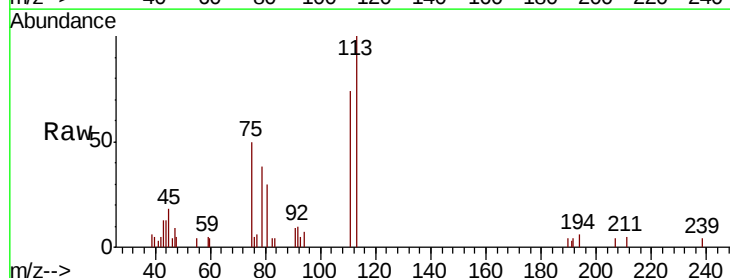
Tgt Ion: 43 Resp: 276

Ion Ratio Lower Upper

43 100

61 0.0 58.2 87.2#

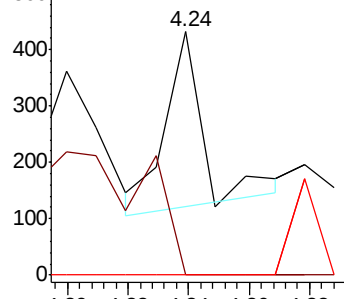
70 0.0 6.0 9.0#



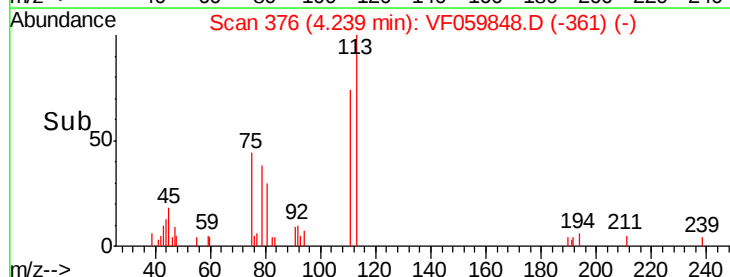
Abundance Ion 43.00 (42.70 to 43.70): VF0

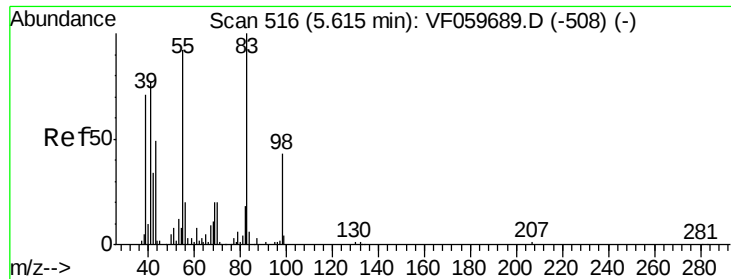
Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0



Time-->

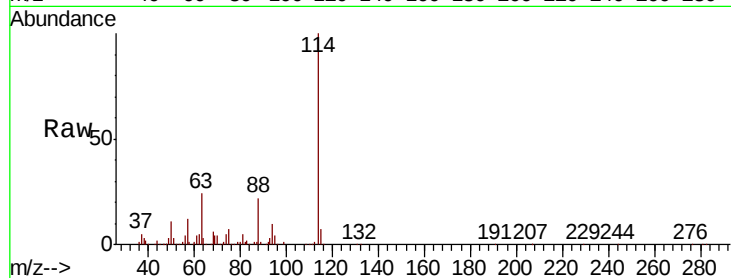




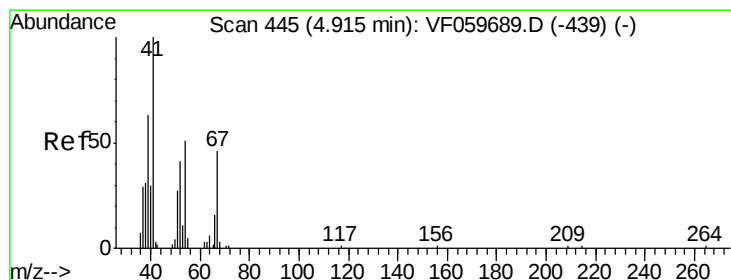
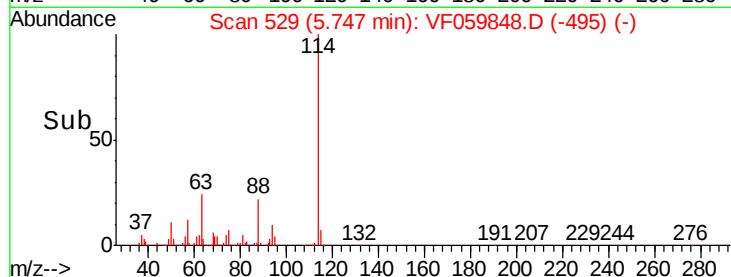
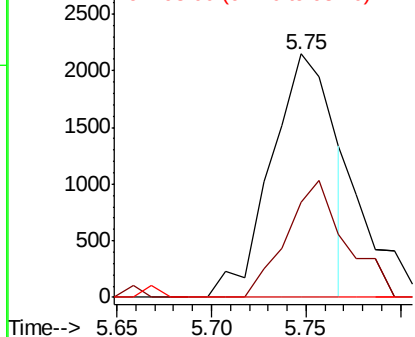
#39
Methylcyclohexane
Concen: Below Cal
RT: 5.75 min Scan# 529
Delta R.T. 0.13 min
Lab File: VF059848.D
Acq: 3 Aug 2018 19:35

Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-1RE

Tot Ion: 83 Resp: 4954
Ion Ratio Lower Upper
83 100
55 38.9 73.4 110.2#
98 0.0 34.2 51.4#

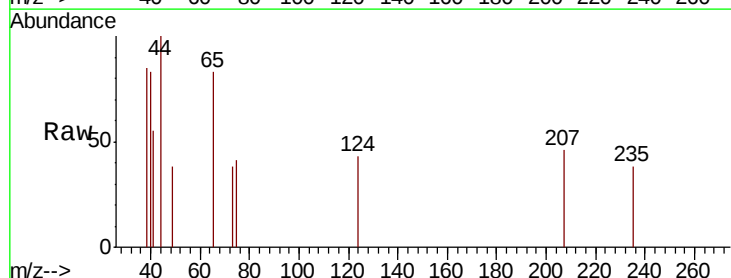


Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 55.00 (54.70 to 55.70): VF0
Ion 98.00 (97.70 to 98.70): VF0

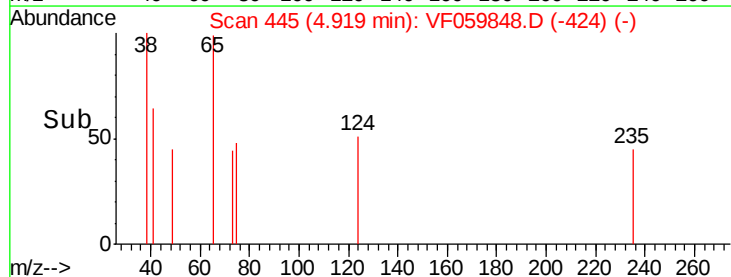
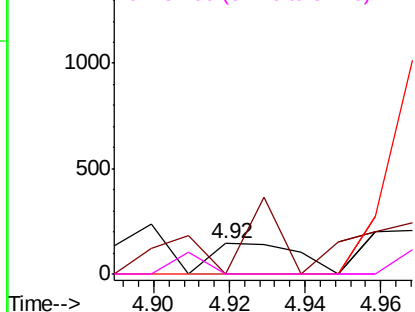


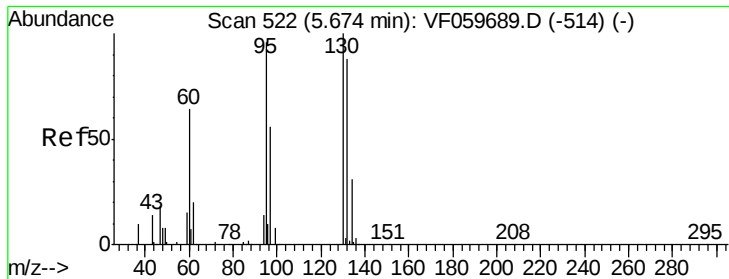
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.92 min Scan# 445
Delta R.T. 0.00 min
Lab File: VF059848.D
Acq: 3 Aug 2018 19:35

Tgt Ion: 41 Resp: 228
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





#44

Trichloroethene

Concen: Below Cal

RT: 5.50 min Scan# 504

Delta R.T. -0.17 min

Lab File: VF059848.D

Acq: 3 Aug 2018 19:35

Instrument :

MSVOA_F

ClientSampleId :

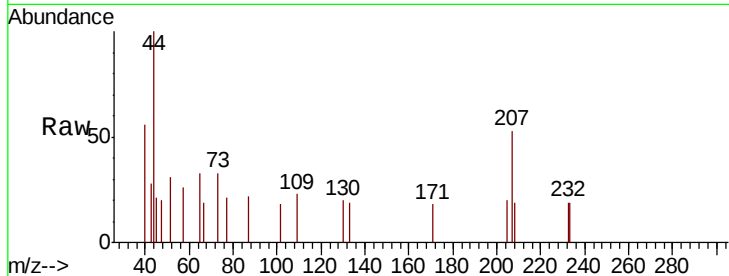
KG-PIT-1RE

Tot Ion:130 Resp: 64

Ion Ratio Lower Upper

130 100

95 0.0 0.0 191.0

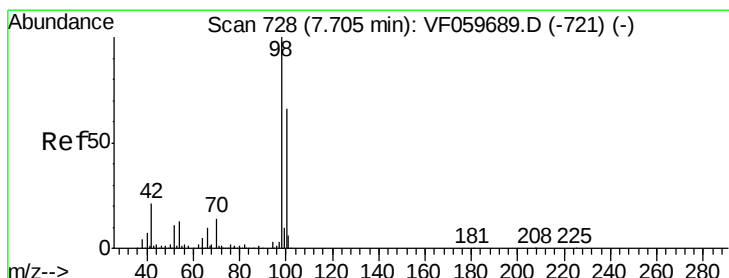
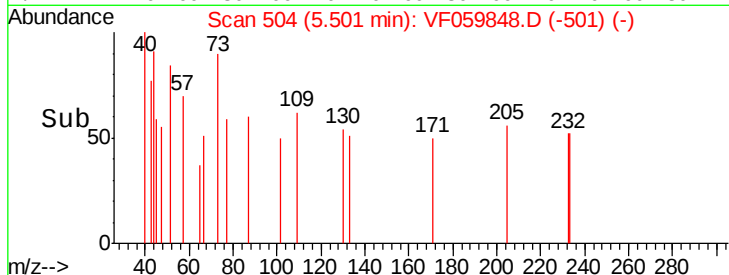


Abundance Ion 129.90 (129.60 to 130.60): VF0

Ion 94.90 (94.60 to 95.60): VF0

5.50

Time-->



#50

Toluene-d8

Concen: 33.30 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.01 min

Lab File: VF059848.D

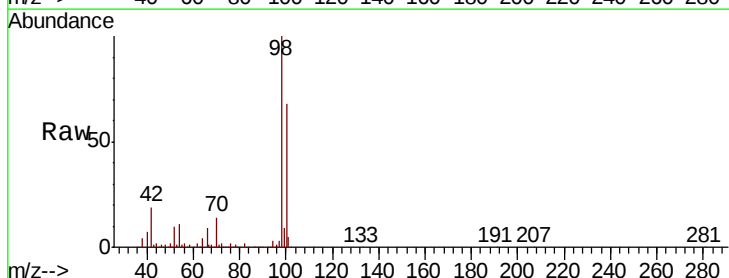
Acq: 3 Aug 2018 19:35

Tgt Ion: 98 Resp: 280697

Ion Ratio Lower Upper

98 100

100 67.7 52.8 79.2

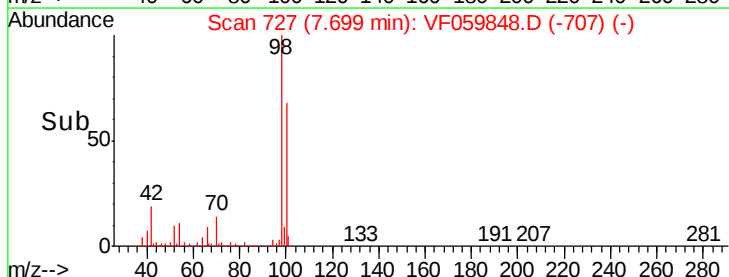


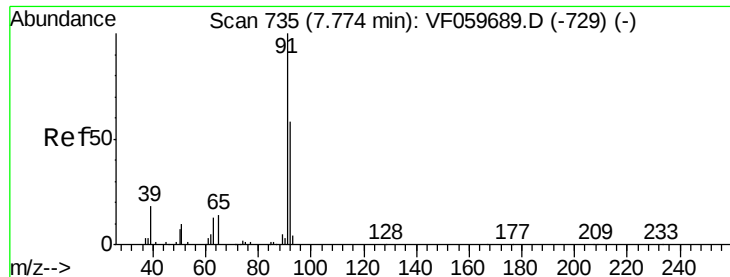
Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.70

Time-->





#52

Toluene

Concen: Below Cal

RT: 7.77 min Scan# 734

Delta R.T. -0.01 min

Lab File: VF059848.D

Acq: 3 Aug 2018 19:35

Instrument :

MSVOA_F

ClientSampleId :

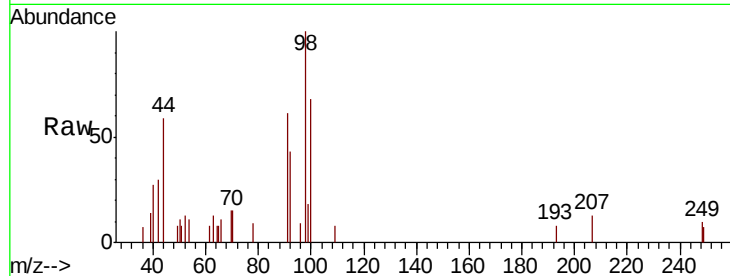
KG-PIT-1RE

Tot Ion: 92 Resp: 816

Ion Ratio Lower Upper

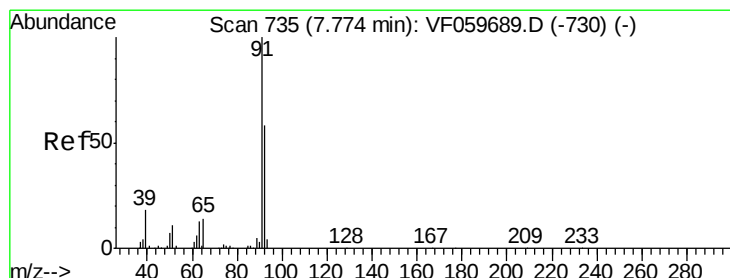
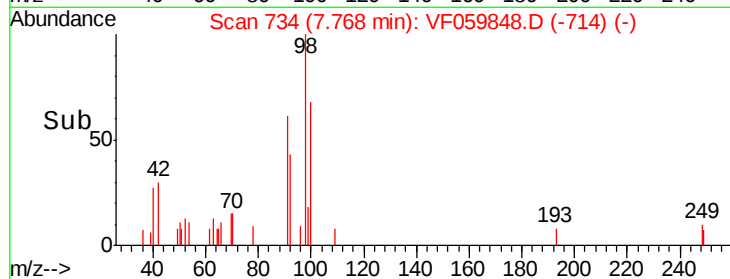
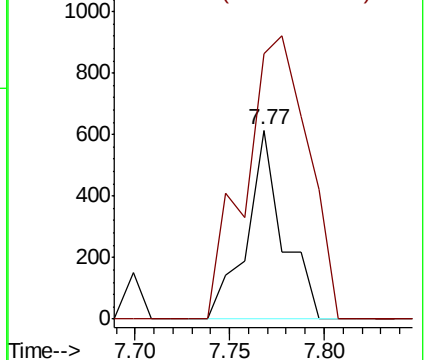
92 100

91 140.5 139.0 208.4



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: 1.03 ug/l

RT: 7.78 min Scan# 735

Delta R.T. 0.00 min

Lab File: VF059848.D

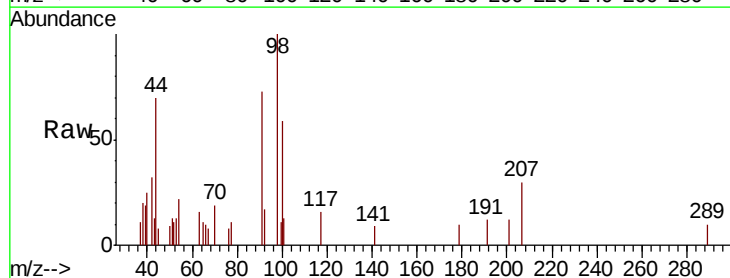
Acq: 3 Aug 2018 19:35

Tgt Ion: 63 Resp: 235

Ion Ratio Lower Upper

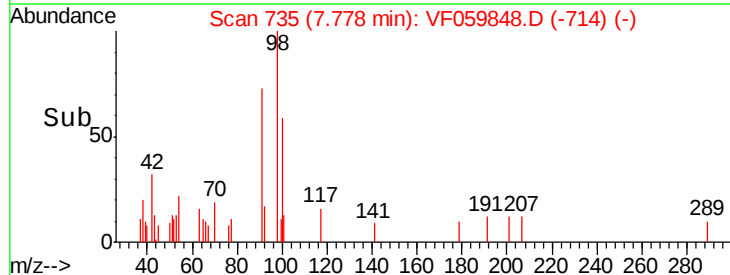
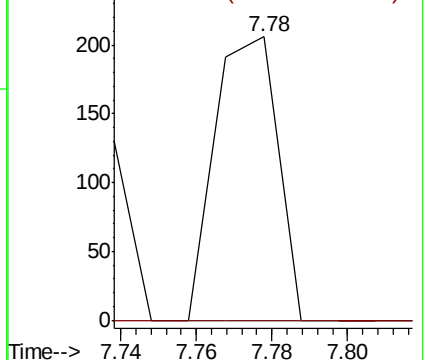
63 100

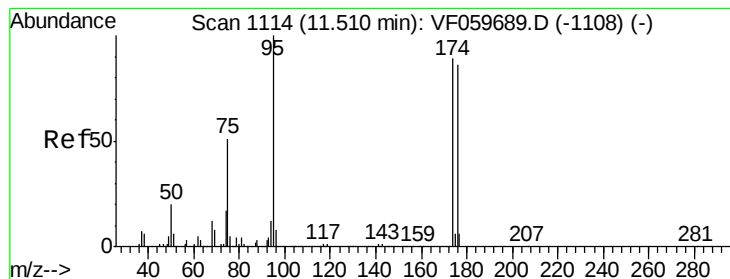
106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V





#62

4-Bromofluorobenzene

Concen: 18.37 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF059848.D

Acq: 3 Aug 2018 19:35

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-1RE

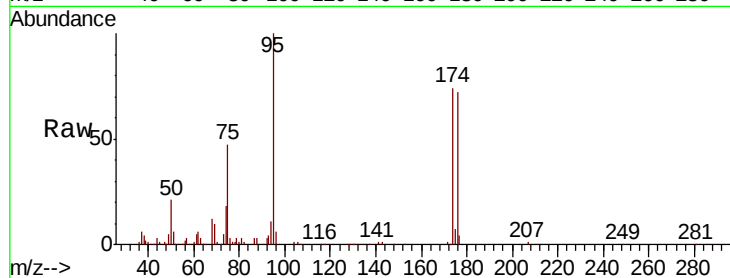
Tot Ion: 95 Resp: 85743

Ion Ratio Lower Upper

95 100

174 73.9 0.0 178.4

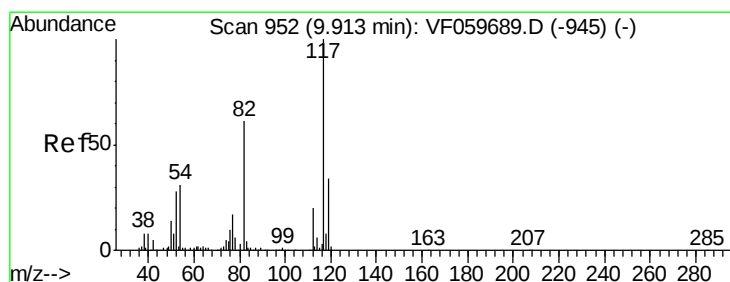
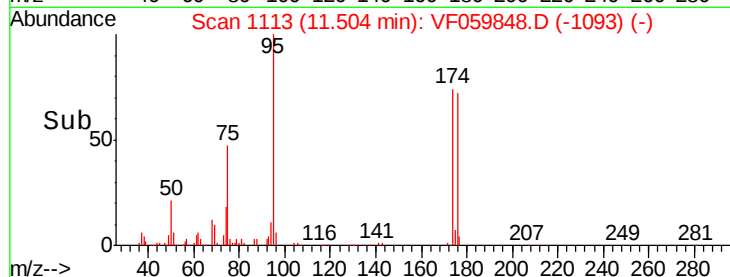
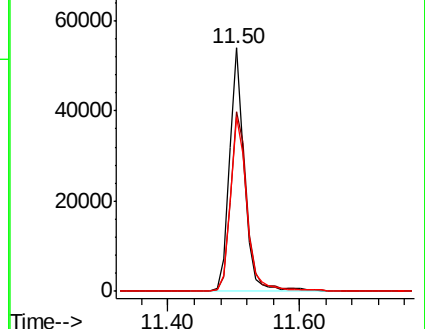
176 71.8 0.0 173.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 951

Delta R.T. -0.01 min

Lab File: VF059848.D

Acq: 3 Aug 2018 19:35

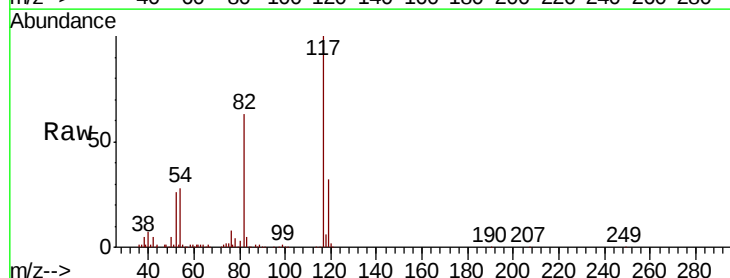
Tgt Ion: 117 Resp: 251861

Ion Ratio Lower Upper

117 100

82 62.7 49.0 73.4

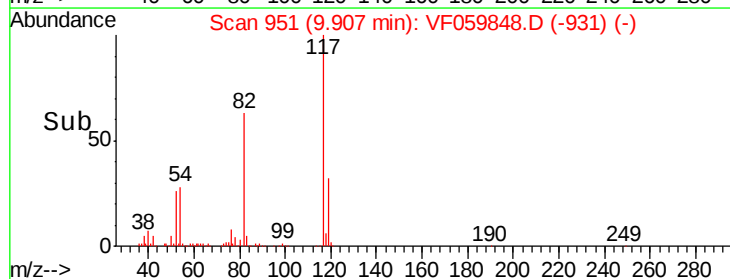
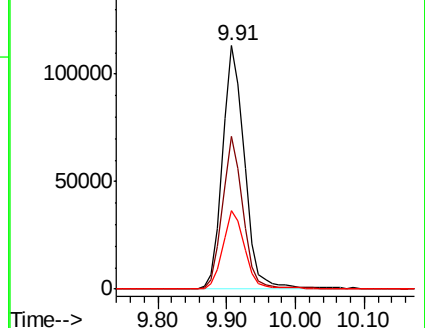
119 32.4 27.3 40.9

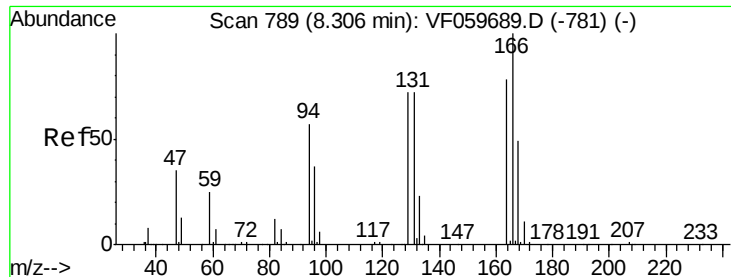


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V

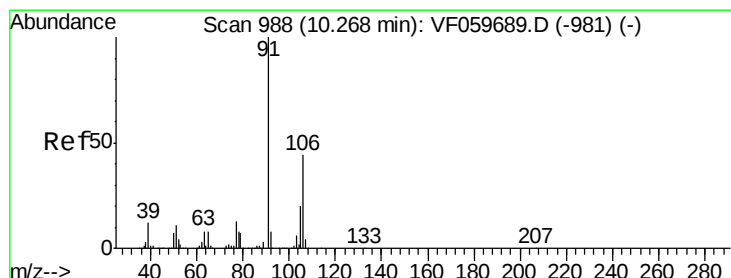
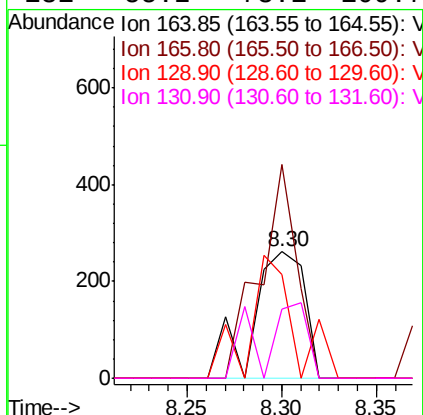
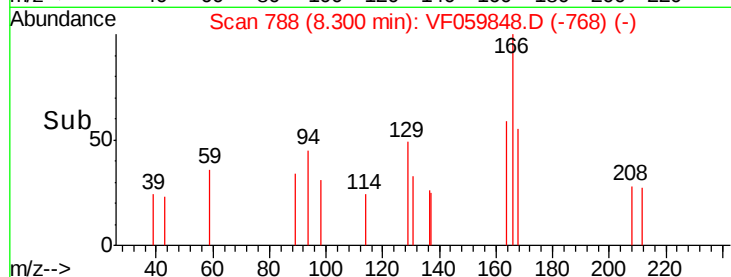
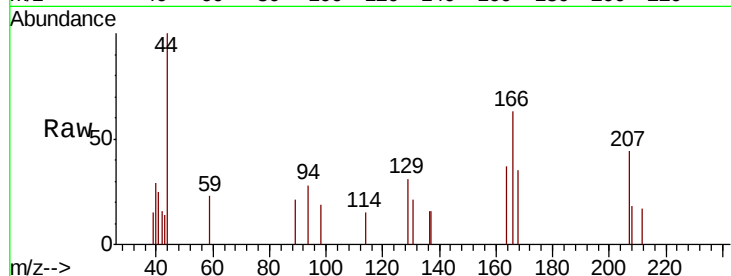




#64
Tetrachloroethene
Concen: Below Cal
RT: 8.30 min Scan# 788
Delta R.T. -0.01 min
Lab File: VF059848.D
Acq: 3 Aug 2018 19:35

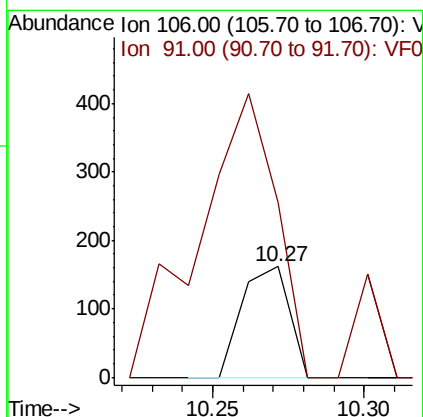
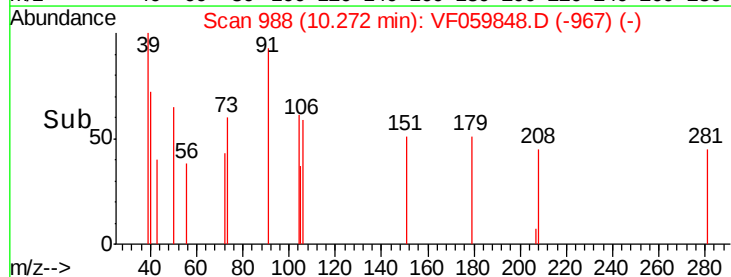
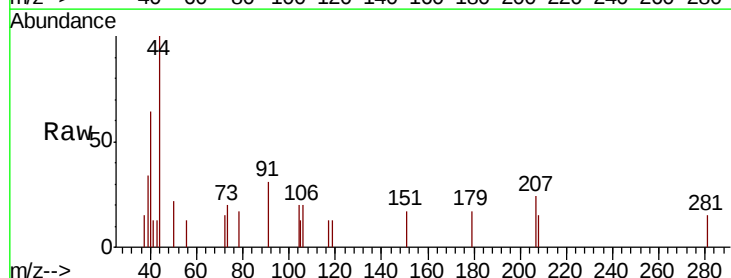
Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-1RE

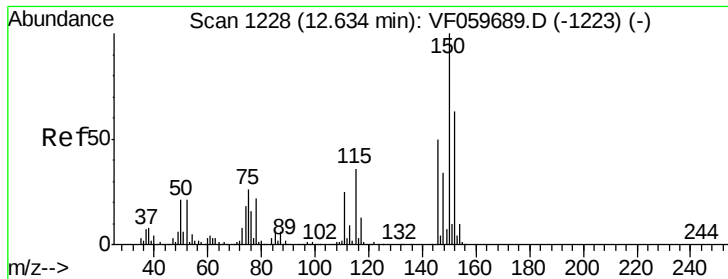
Tot Ion:164 Resp: 501
Ion Ratio Lower Upper
164 100
166 169.0 102.1 153.1#
129 82.4 73.8 110.6
131 55.2 73.1 109.7#



#68
m/p-Xylenes
Concen: Below Cal
RT: 10.27 min Scan# 988
Delta R.T. 0.00 min
Lab File: VF059848.D
Acq: 3 Aug 2018 19:35

Tgt Ion:106 Resp: 179
Ion Ratio Lower Upper
106 100
91 158.0 181.7 272.5#



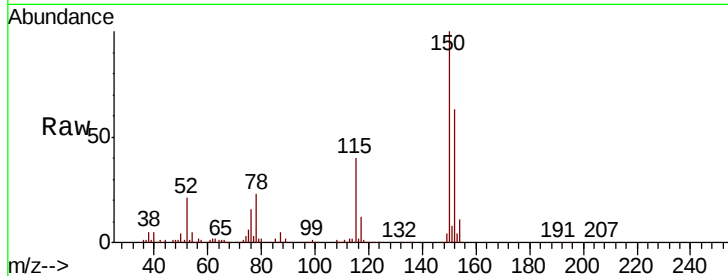


#72

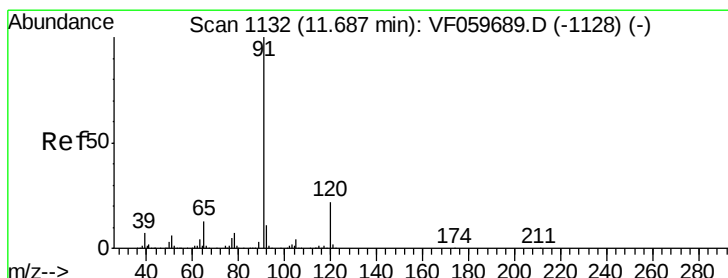
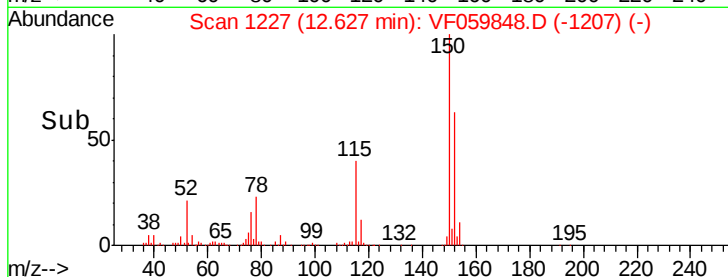
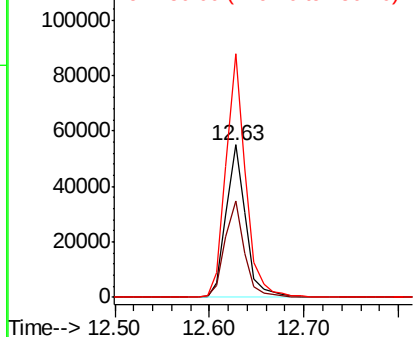
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059848.D
Acq: 3 Aug 2018 19:35

Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-1RE

Tot Ion:152 Resp: 79980
Ion Ratio Lower Upper
152 100
115 63.5 28.2 84.6
150 159.6 0.0 316.2



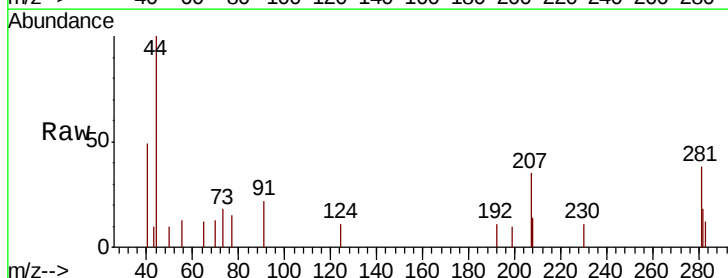
Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V



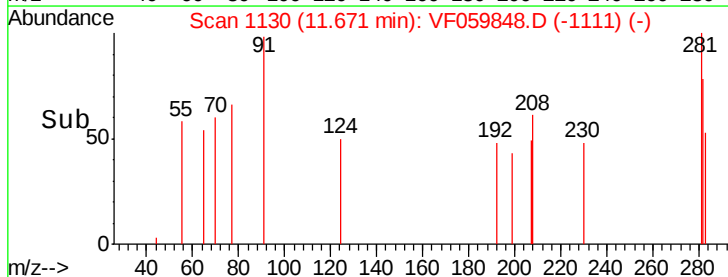
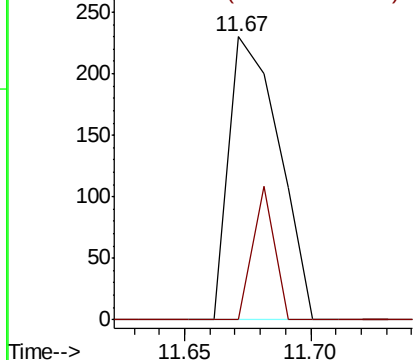
#78

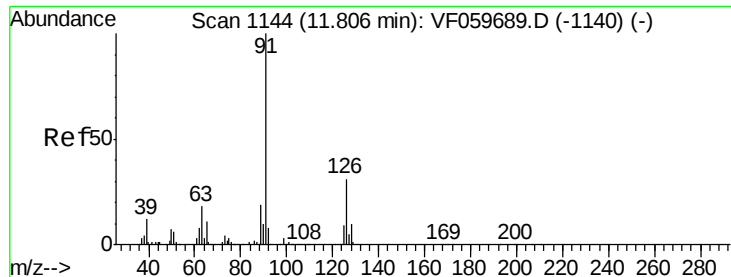
n-propylbenzene
Concen: Below Cal
RT: 11.67 min Scan# 1130
Delta R.T. -0.02 min
Lab File: VF059848.D
Acq: 3 Aug 2018 19:35

Tgt Ion: 91 Resp: 318
Ion Ratio Lower Upper
91 100
120 0.0 11.0 33.0#



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





#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.80 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VF059848.D

Acq: 3 Aug 2018 19:35

Instrument :

MSVOA_F

ClientSampleId :

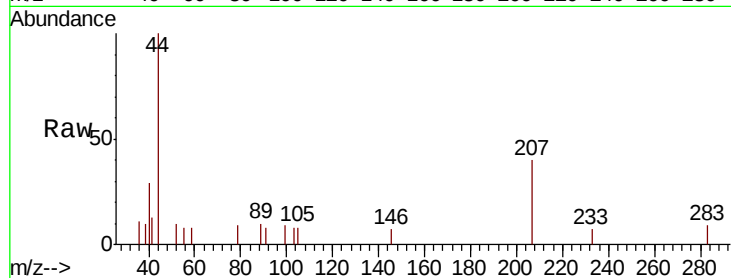
KG-PIT-1RE

Tot Ion: 91 Resp: 198

Ion Ratio Lower Upper

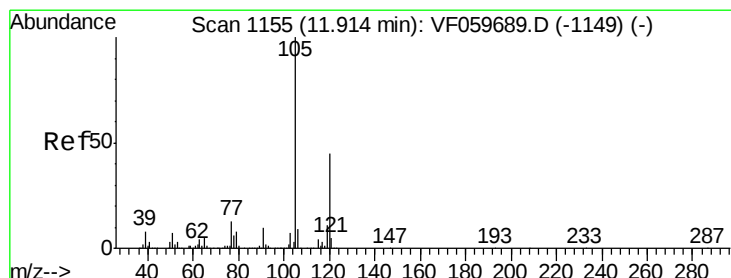
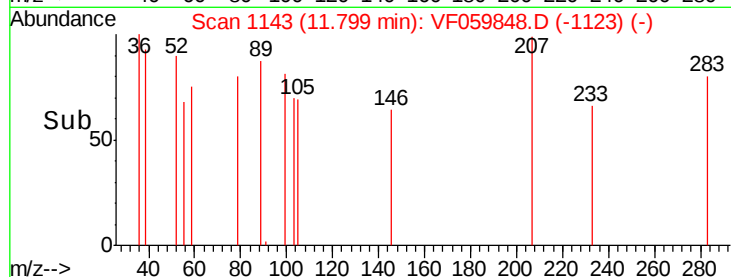
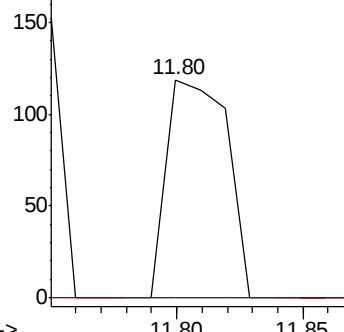
91 100

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# 1153

Delta R.T. -0.02 min

Lab File: VF059848.D

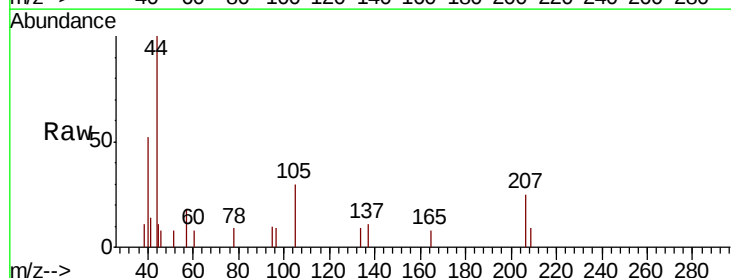
Acq: 3 Aug 2018 19:35

Tgt Ion: 105 Resp: 480

Ion Ratio Lower Upper

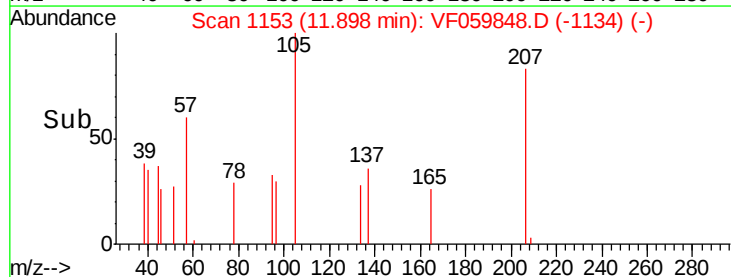
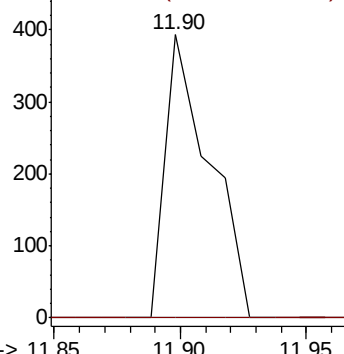
105 100

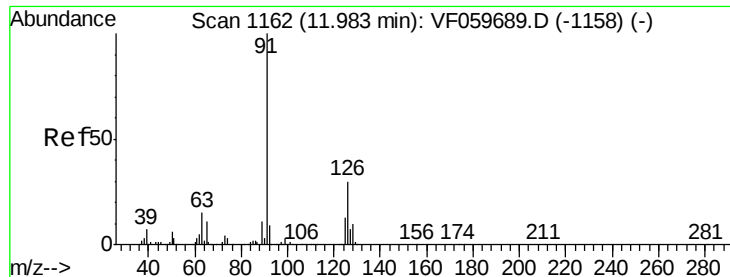
120 0.0 22.7 68.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#82

4-Chlorotoluene

Concen: Below Cal

RT: 11.98 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VF059848.D

Acq: 3 Aug 2018 19:35

Instrument :

MSVOA_F

ClientSampleId :

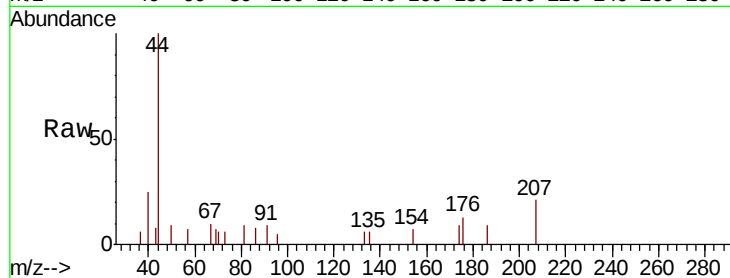
KG-PIT-1RE

Tot Ion: 91 Resp: 181

Ion Ratio Lower Upper

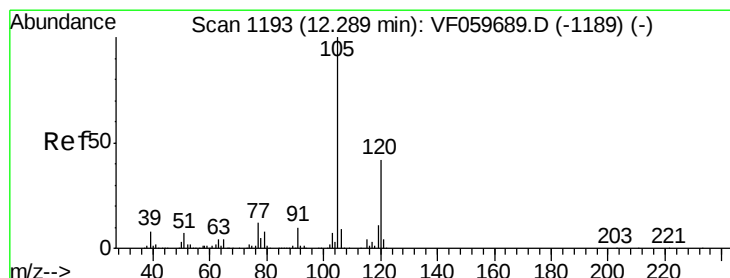
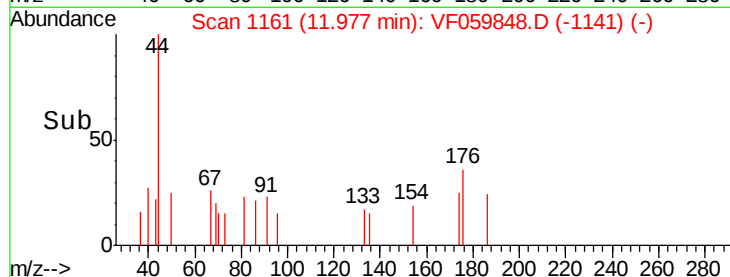
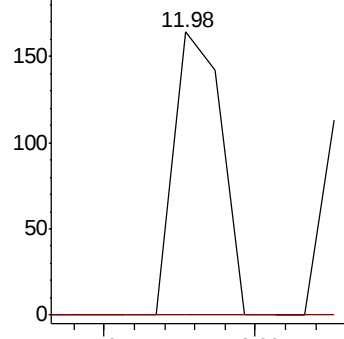
91 100

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



#84

1,2,4-Trimethylbenzene

Concen: Below Cal

RT: 12.28 min Scan# 1192

Delta R.T. -0.01 min

Lab File: VF059848.D

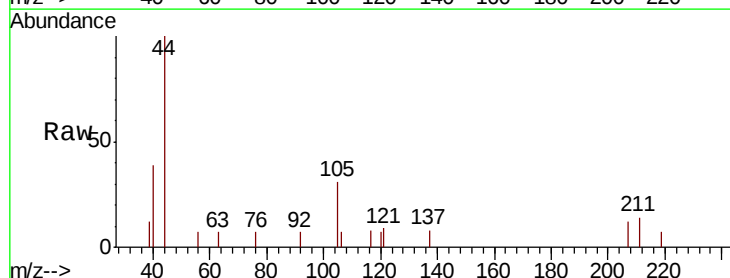
Acq: 3 Aug 2018 19:35

Tgt Ion:105 Resp: 532

Ion Ratio Lower Upper

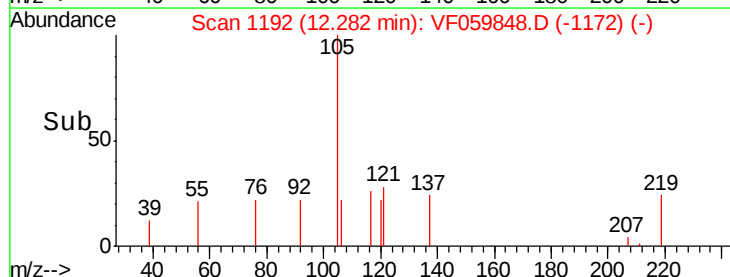
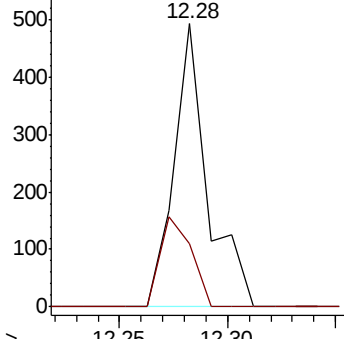
105 100

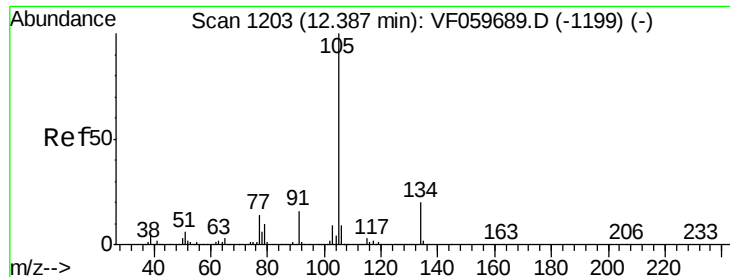
120 22.1 21.1 63.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

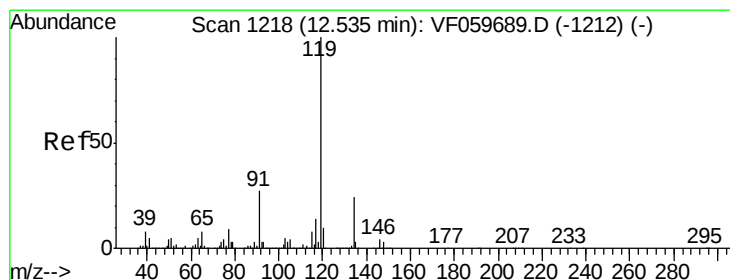
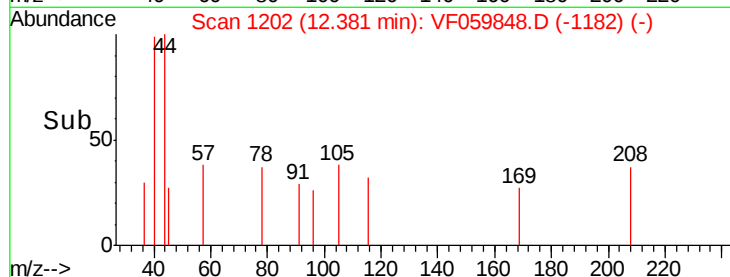
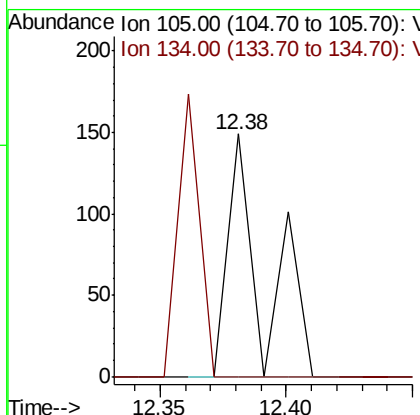
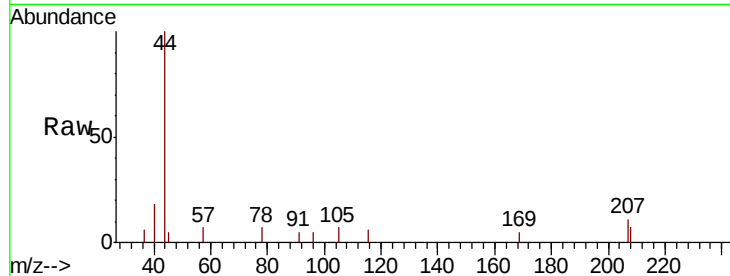




#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 12.38 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: VF059848.D
 Acq: 3 Aug 2018 19:35

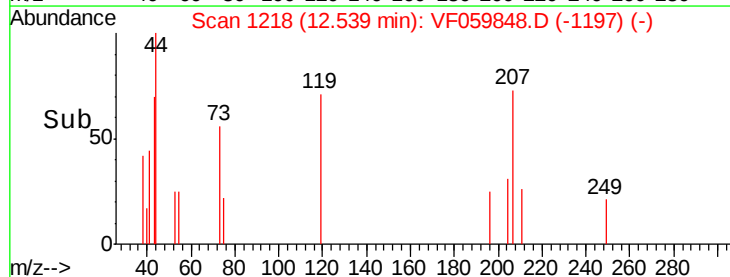
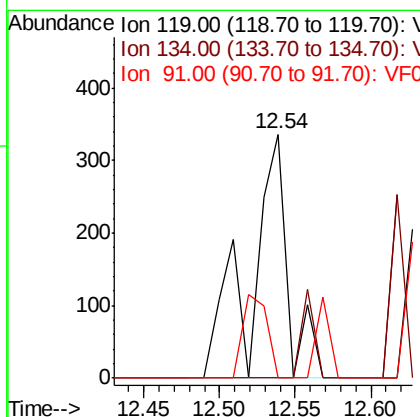
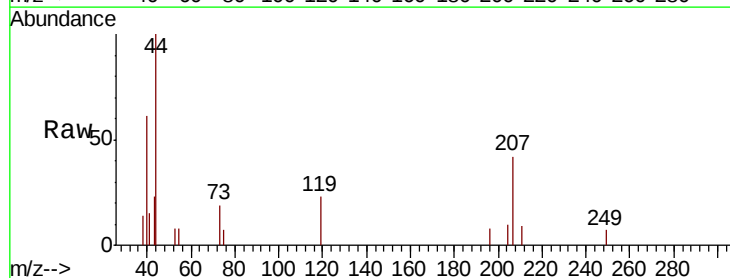
Instrument :
 MSVOA_F
 ClientSampleId :
 KG-PIT-1RE

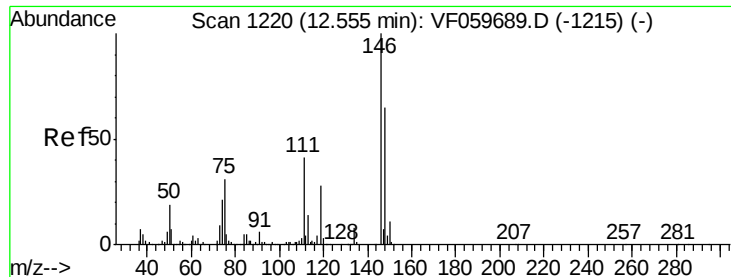
Tot Ion:105 Resp: 148
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: Below Cal
 RT: 12.54 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: VF059848.D
 Acq: 3 Aug 2018 19:35

Tgt Ion:119 Resp: 584
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.2 36.6#
 91 0.0 13.4 40.2#





#87

1,3-Dichlorobenzene

Concen: Below Cal

RT: 12.65 min Scan# 1229

Delta R.T. 0.09 min

Lab File: VF059848.D

Acq: 3 Aug 2018 19:35

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-1RE

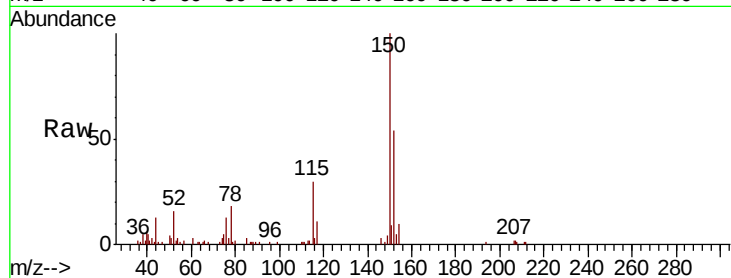
Tot Ion:146 Resp: 309

Ion Ratio Lower Upper

146 100

111 65.4 20.7 62.1#

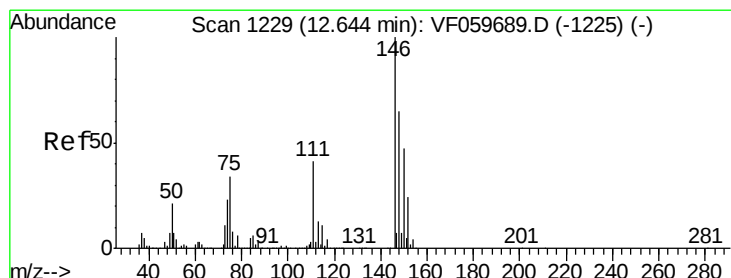
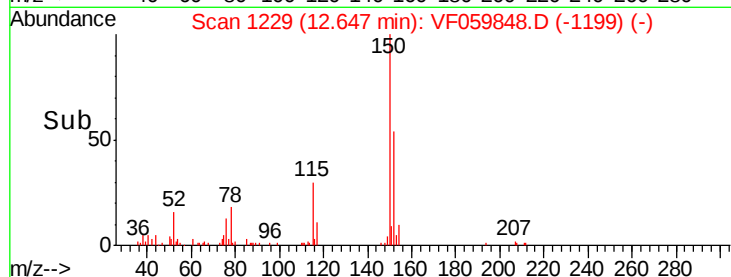
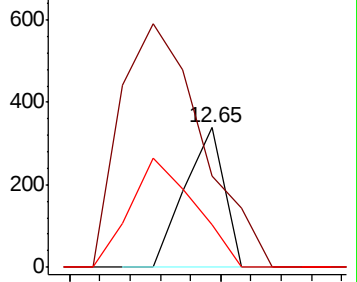
148 30.2 32.3 96.8#



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: 12.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VF059848.D

Acq: 3 Aug 2018 19:35

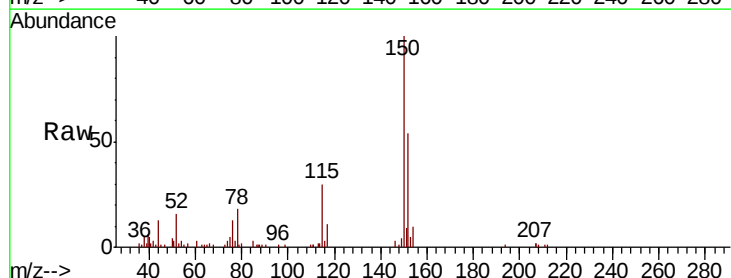
Tgt Ion:146 Resp: 309

Ion Ratio Lower Upper

146 100

111 65.4 20.8 62.2#

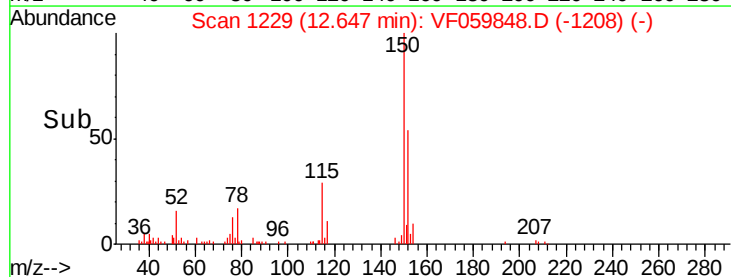
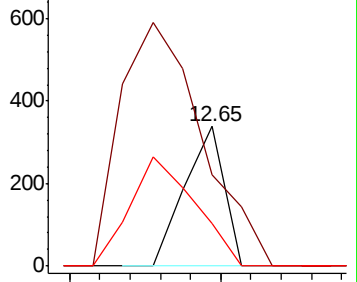
148 30.2 32.3 96.9#

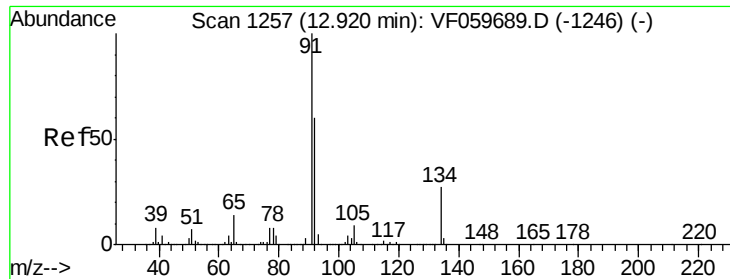


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

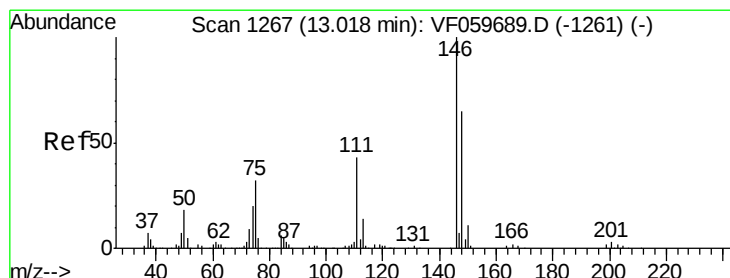
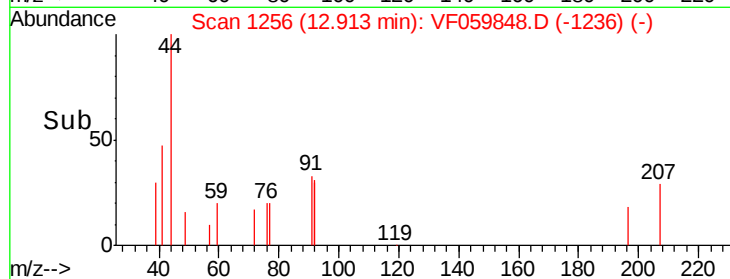
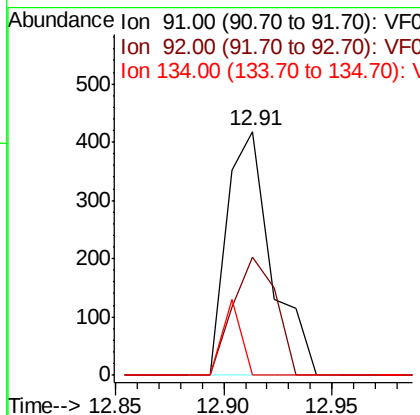
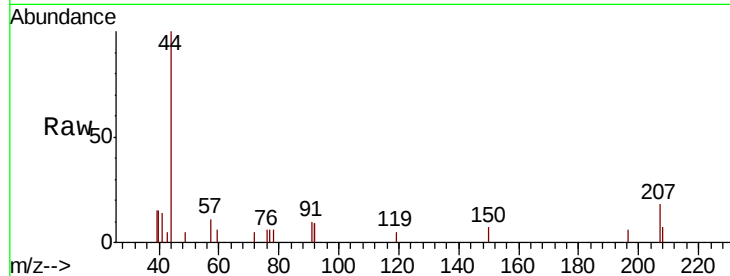




#89
n-Butylbenzene
Concen: Below Cal
RT: 12.91 min Scan# 1256
Delta R.T. -0.01 min
Lab File: VF059848.D
Acq: 3 Aug 2018 19:35

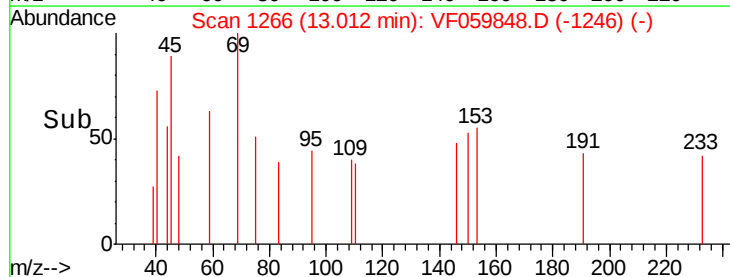
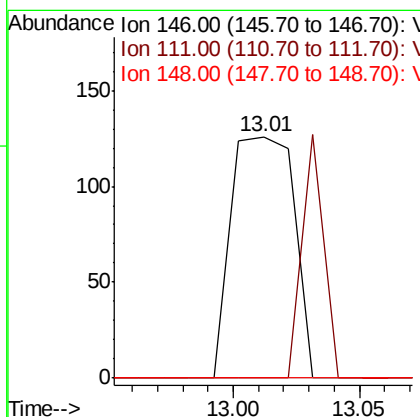
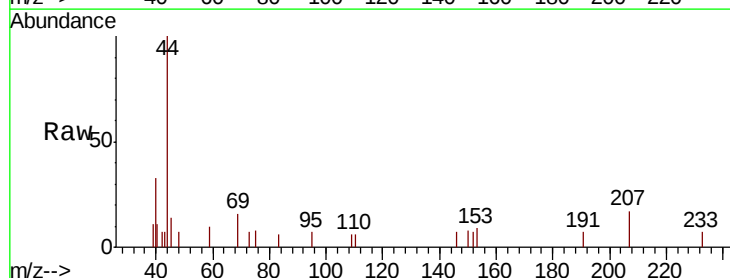
Instrument :
MSVOA_F
ClientSampled :
KG-PIT-1RE

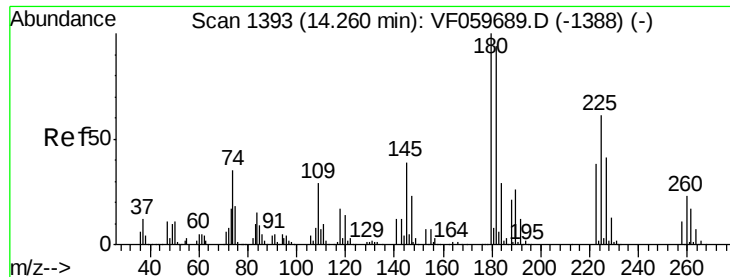
Tot Ion: 91 Resp: 600
Ion Ratio Lower Upper
91 100
92 48.6 30.1 90.3
134 0.0 13.7 41.0#



#91
1,2-Dichlorobenzene
Concen: Below Cal
RT: 13.01 min Scan# 1266
Delta R.T. -0.01 min
Lab File: VF059848.D
Acq: 3 Aug 2018 19:35

Tgt Ion: 146 Resp: 219
Ion Ratio Lower Upper
146 100
111 0.0 21.6 65.0#
148 0.0 32.3 96.9#

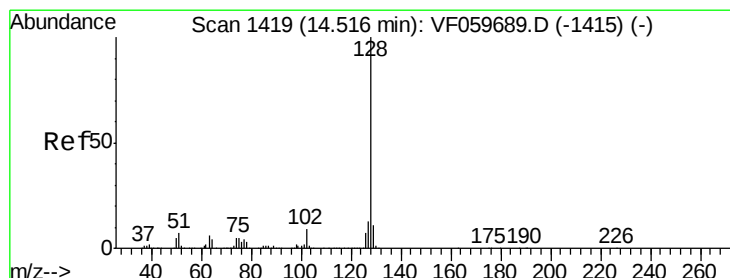
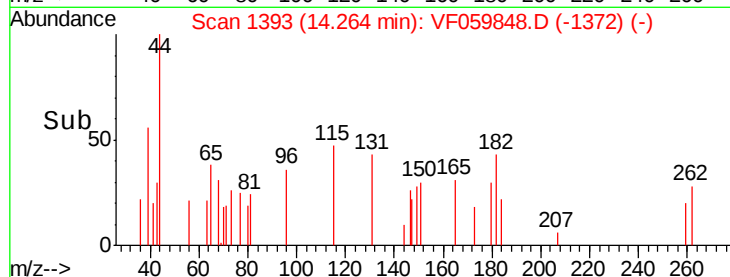
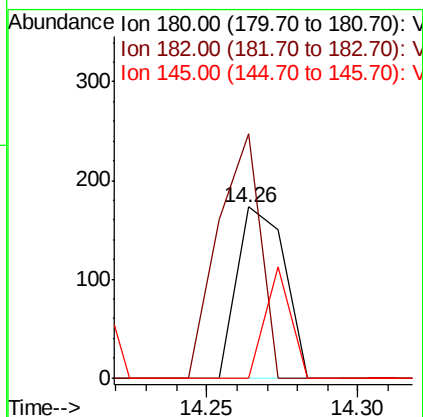
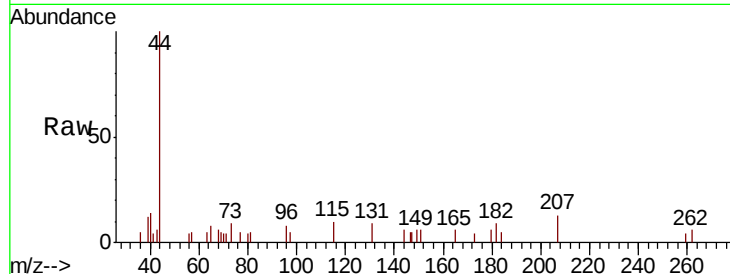




#93
 1,2,4-Trichlorobenzene
 Concen: Below Cal
 RT: 14.26 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VF059848.D
 Acq: 3 Aug 2018 19:35

Instrument :
 MSVOA_F
 ClientSampleId :
 KG-PIT-1RE

Tot Ion:180 Resp: 191
 Ion Ratio Lower Upper
 180 100
 182 142.8 47.2 141.6#
 145 0.0 19.3 57.9#



#95
 Naphthalene
 Concen: 1.28 ug/l
 RT: 14.51 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: VF059848.D
 Acq: 3 Aug 2018 19:35

Tgt Ion:128 Resp: 4429
 Ion Ratio Lower Upper
 128 100
 127 17.9 10.0 15.0#
 129 6.4 8.6 13.0#

