

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080318\
 Data File : VF059852.D
 Acq On : 3 Aug 2018 21:24
 Operator : VA/AP
 Sample : J4285-21
 Misc : 5.66g/5mL/MSVOA F/SOIL
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 KG-PIT-6

Quant Time: Aug 04 03:18:55 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	139540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	153948	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	63814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	8293	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.02	65	91247	36.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.78%	
35) Dibromofluoromethane	4.29	113	21720	13.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	27.16%	
50) Toluene-d8	7.70	98	102313	27.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.88%	
62) 4-Bromofluorobenzene	11.51	95	13227	6.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.01	85	280	Below Cal	#	44
3) Chloromethane	1.11	50	1000	Below Cal	#	38
4) Vinyl Chloride	1.26	62	69	Below Cal	#	47
5) Bromomethane	1.40	94	117	Below Cal		86
6) Chloroethane	1.43	64	135	Below Cal	#	1
10) Methyl Iodide	1.95	142	81	Below Cal	#	1
11) Tert butyl alcohol	2.68	59	484	3.35	ug/l	# 13
13) Acrolein	2.05	56	258	20.62	ug/l	94
16) Acetone	2.34	43	13089	29.02	ug/l	# 92
17) Carbon Disulfide	1.84	76	6018	Below Cal		94
18) Methyl Acetate	2.46	43	1770	Below Cal	#	66
20) Methylene Chloride	2.29	84	3653	Below Cal	#	69
21) trans-1,2-Dichloroethene	2.41	96	80	Below Cal	#	18
28) Bromochloromethane	3.89	49	80	Below Cal	#	15
29) Tetrahydrofuran	4.27	42	494	2.55	ug/l	# 50
31) Cyclohexane	3.86	56	68	Below Cal	#	1
36) 1,1-Dichloropropene	4.46	75	201	Below Cal	#	46
37) Ethyl Acetate	4.30	43	168	Below Cal	#	19
39) Methylcyclohexane	5.76	83	2238	Below Cal	#	52
41) Methacrylonitrile	4.90	41	98	Below Cal	#	57
44) Trichloroethene	5.68	130	104	Below Cal		65
49) 1,4-Dioxane	6.59	88	67	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.38	43	773	1.10	ug/l	# 42
52) Toluene	7.78	92	3602	Below Cal		97
58) 2-Chloroethyl Vinyl ether	7.80	63	1047	10.33	ug/l	100
64) Tetrachloroethene	8.31	164	1547	Below Cal	#	64
68) m/p-Xylenes	10.24	106	287	Below Cal	#	38
74) N-amyl acetate	11.48	43	174	1.27	ug/l	# 48
78) n-propylbenzene	11.68	91	338	Below Cal	#	54
79) 2-Chlorotoluene	11.80	91	74	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	11.91	105	421	Below Cal		82
81) trans-1,4-Dichloro-2-buten	11.96	75	77	2.13	ug/l	# 65
82) 4-Chlorotoluene	11.97	91	161	Below Cal	#	44
84) 1,2,4-Trimethylbenzene	12.29	105	1023	Below Cal		89

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KG-PIT-6

Quant Time: Aug 04 03:18:55 2018
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Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration

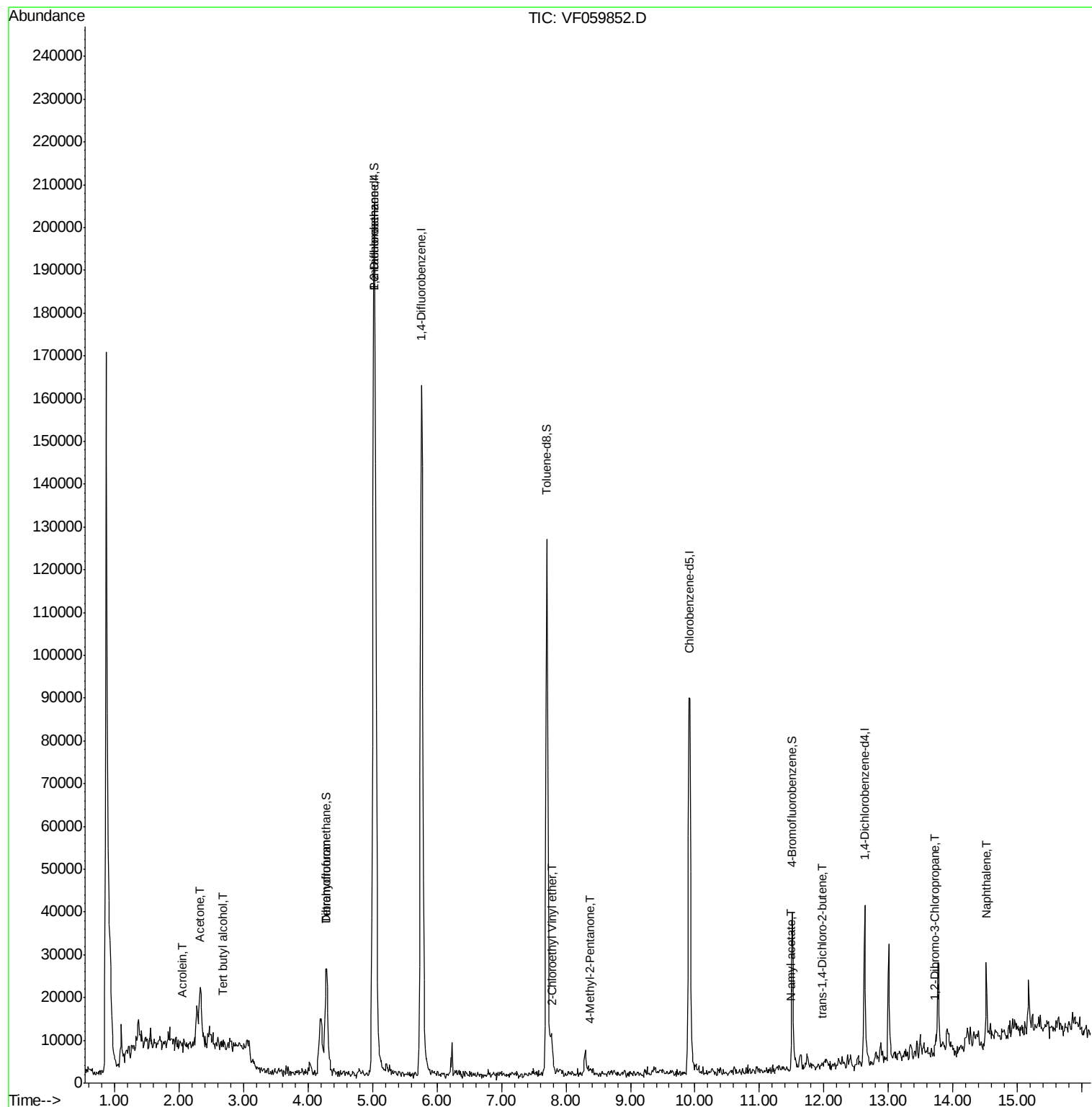
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	12.39	105	269	Below Cal	#	57
86) p-Isopropyltoluene	12.53	119	416	Below Cal	#	60
87) 1,3-Dichlorobenzene	12.55	146	69	Below Cal	#	57
88) 1,4-Dichlorobenzene	12.62	146	138	Below Cal	#	20
89) n-Butylbenzene	12.91	91	276	Below Cal	#	20
91) 1,2-Dichlorobenzene	12.99	146	64	Below Cal	#	24
92) 1,2-Dibromo-3-Chloropropan	13.71	75	75	3.00 uq/l	#	9
93) 1,2,4-Trichlorobenzene	14.27	180	122	Below Cal	#	12
95) Naphthalene	14.52	128	1971	5.51 uq/l	#	61

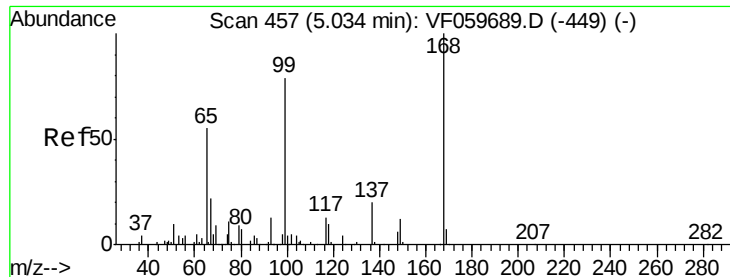
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

Instrument :

MSVOA_F

ClientSampleId :

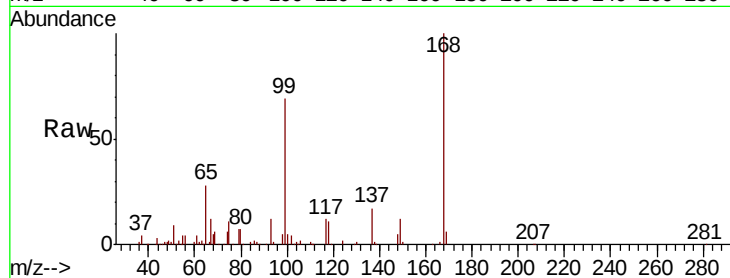
KG-PIT-6

Tot Ion:168 Resp: 139540

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

5.04

40000

30000

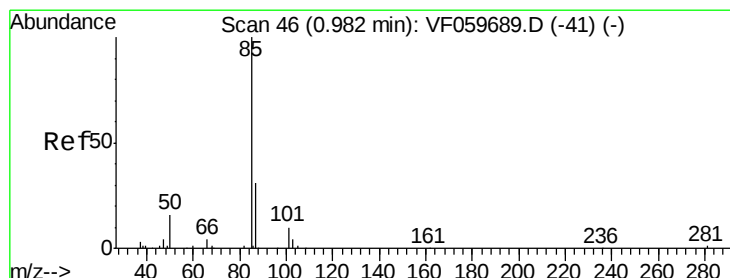
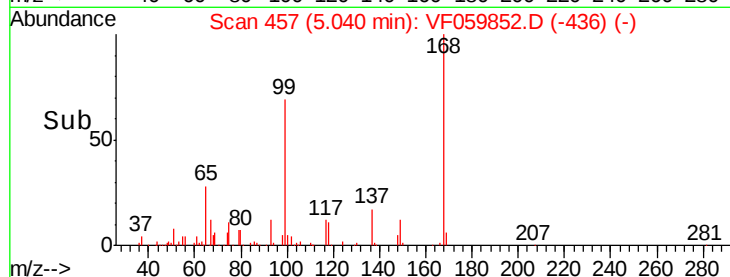
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.01 min Scan# 48

Delta R.T. 0.03 min

Lab File: VF059852.D

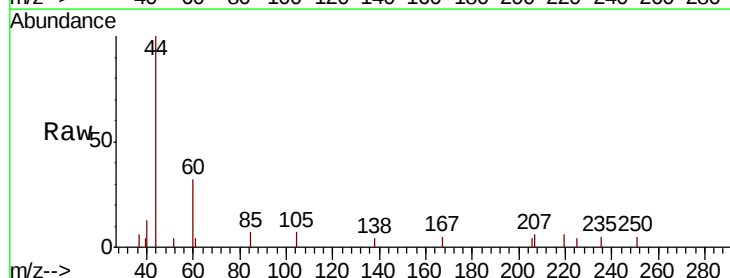
Acq: 3 Aug 2018 21:24

Tgt Ion: 85 Resp: 280

Ion Ratio Lower Upper

85 100

87 0.0 15.3 45.8#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

1.01

200

150

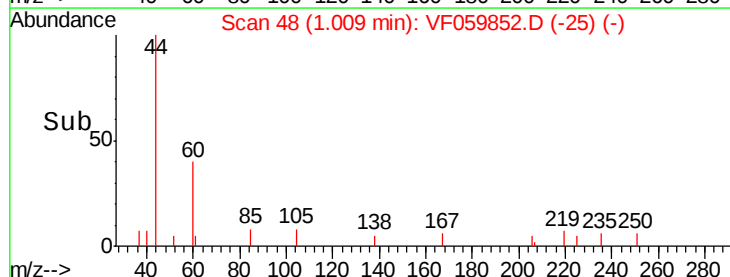
100

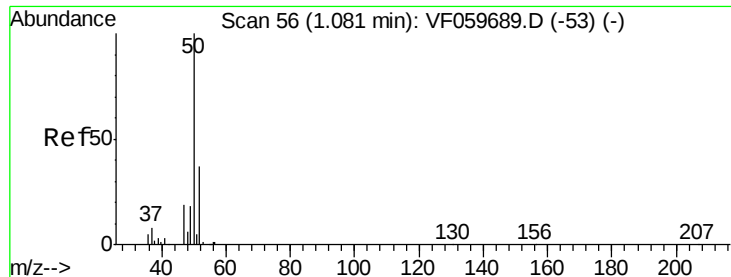
50

0

0.95 1.00 1.05

Time-->





#3

Chloromethane

Concen: Below Cal

RT: 1.11 min Scan# 58

Delta R.T. 0.03 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

Instrument :

MSVOA_F

ClientSampled :

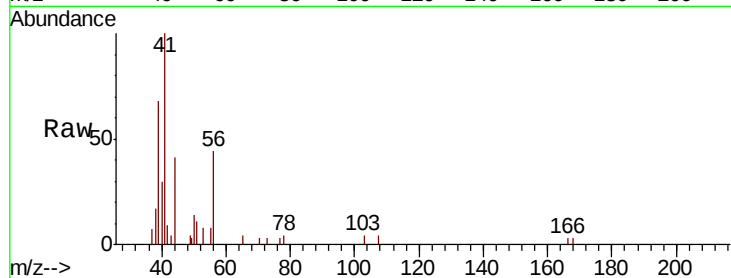
KG-PIT-6

Tot Ion: 50 Resp: 1000

Ion Ratio Lower Upper

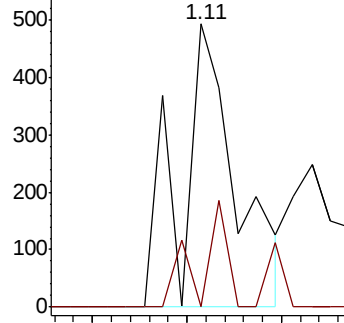
50 100

52 0.0 29.1 43.7#

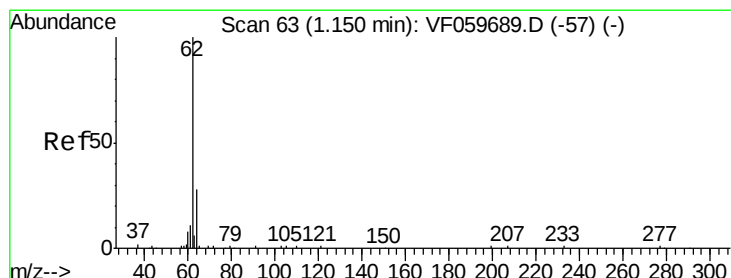
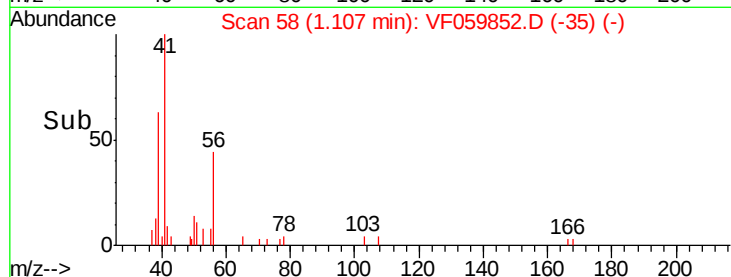


Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



Time-->



#4

Vinyl Chloride

Concen: Below Cal

RT: 1.26 min Scan# 74

Delta R.T. 0.12 min

Lab File: VF059852.D

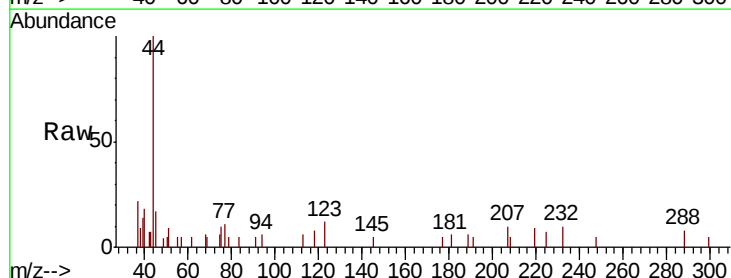
Acq: 3 Aug 2018 21:24

Tgt Ion: 62 Resp: 69

Ion Ratio Lower Upper

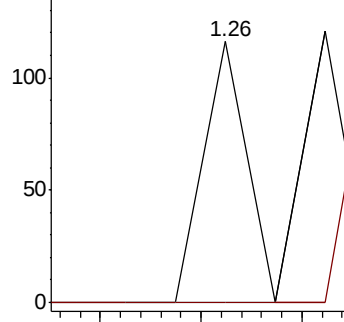
62 100

64 0.0 22.6 33.8#

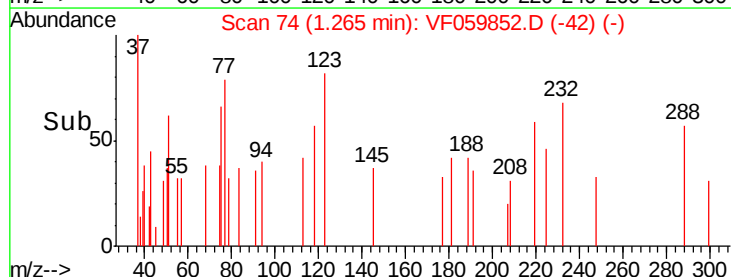


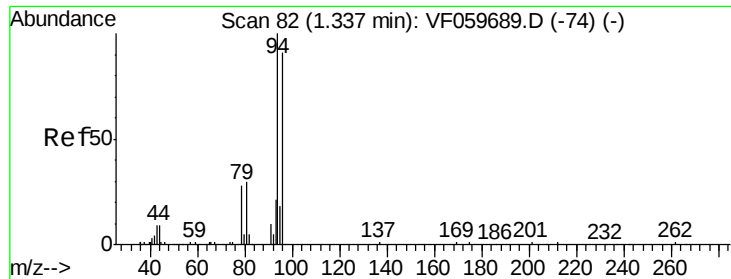
Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0



Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.40 min Scan# 88

Delta R.T. 0.07 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

Instrument :

MSVOA_F

ClientSampled :

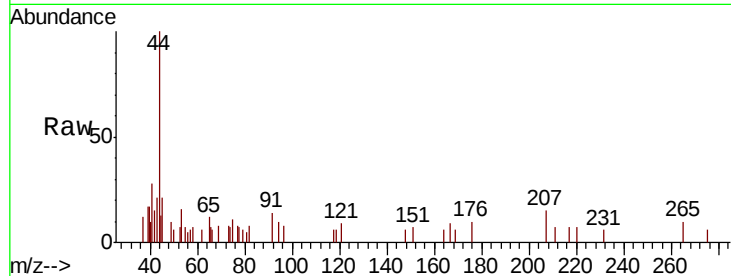
KG-PIT-6

Tot Ion: 94 Resp: 117

Ion Ratio Lower Upper

94 100

96 78.3 73.6 110.4

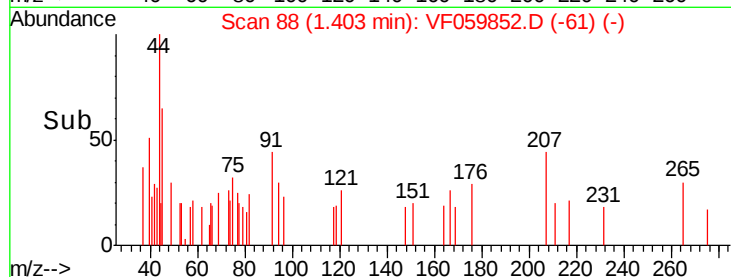


Abundance Ion 94.00 (93.70 to 94.70): VF0

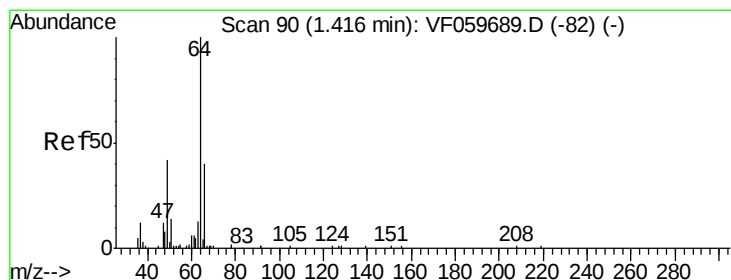
Ion 96.00 (95.70 to 96.70): VF0

1.40

1.41



Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.43 min Scan# 91

Delta R.T. 0.02 min

Lab File: VF059852.D

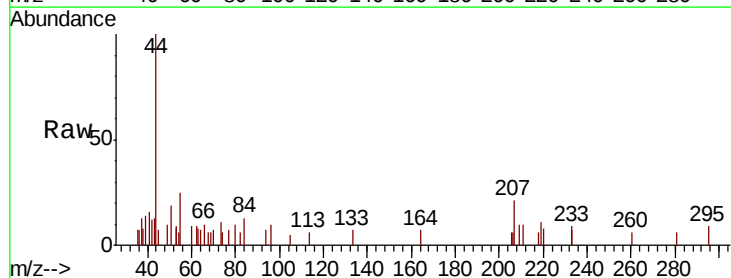
Acq: 3 Aug 2018 21:24

Tgt Ion: 64 Resp: 135

Ion Ratio Lower Upper

64 100

66 147.6 32.6 49.0#

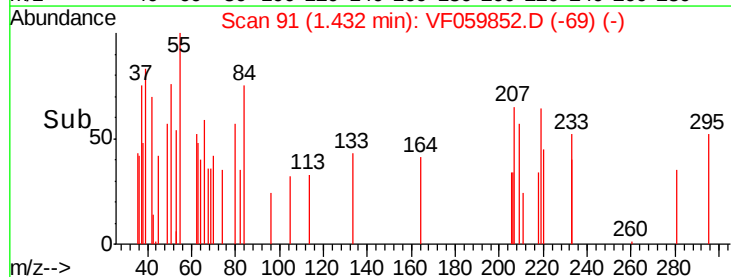


Abundance Ion 64.00 (63.70 to 64.70): VF0

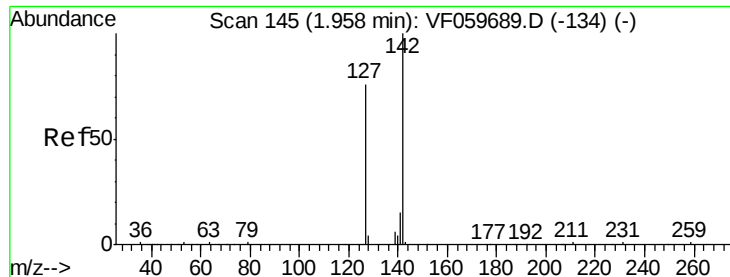
Ion 66.00 (65.70 to 66.70): VF0

1.43

1.46



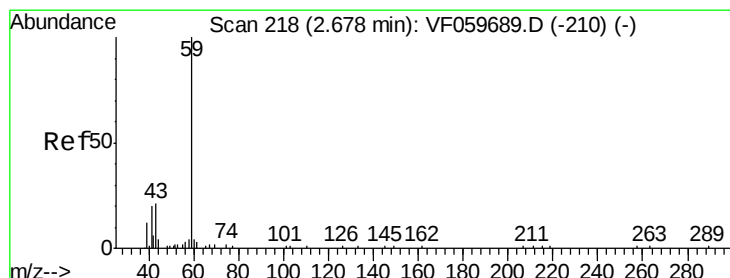
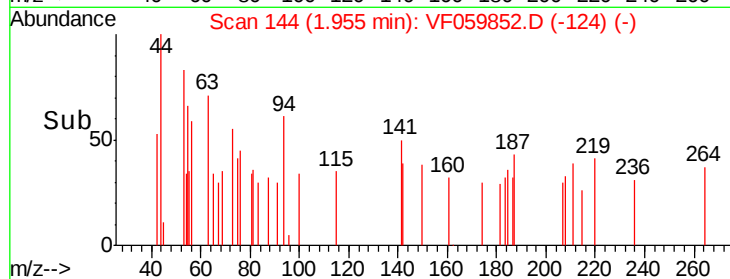
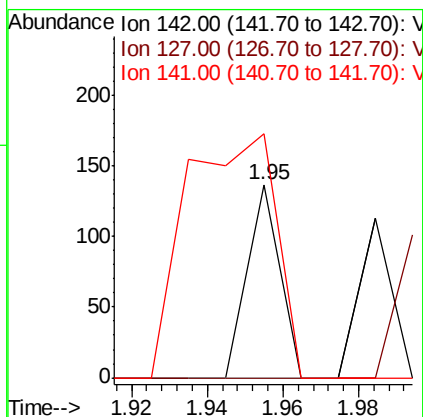
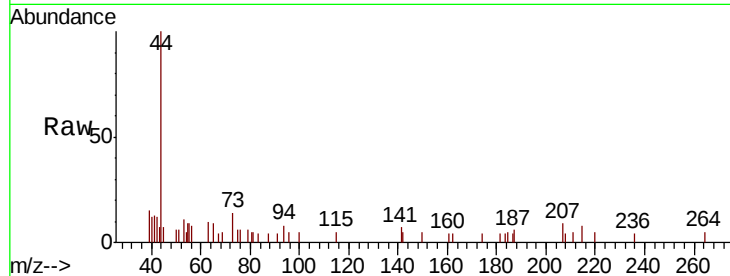
Time-->



#10
Methyl Iodide
Concen: Below Cal
RT: 1.95 min Scan# 144
Delta R.T. -0.00 min
Lab File: VF059852.D
Acq: 3 Aug 2018 21:24

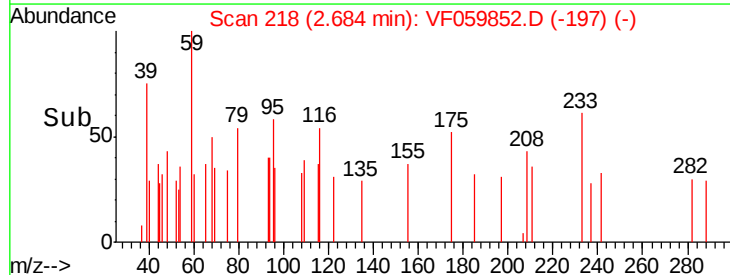
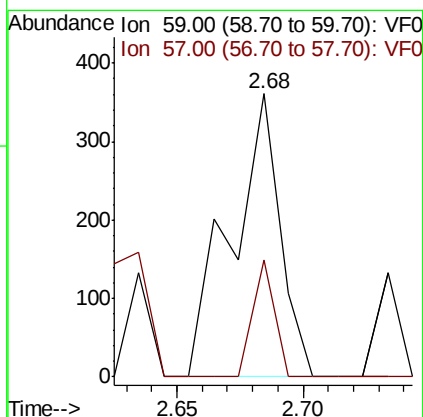
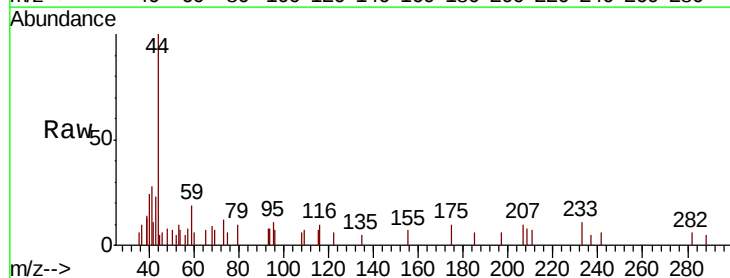
Instrument :
MSVOA_F
ClientSampled :
KG-PIT-6

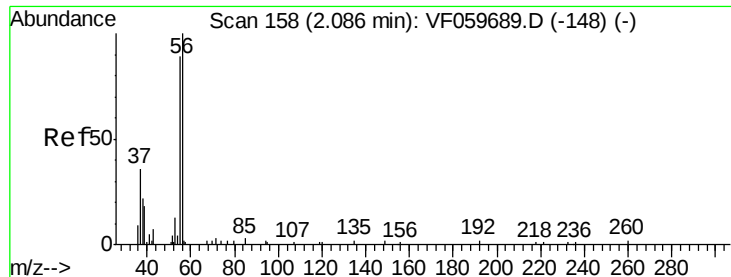
Tot Ion	Ratio	Lower	Upper
142	100		
127	0.0	60.6	91.0#
141	126.3	12.0	18.0#



#11
Tert butyl alcohol
Concen: 3.35 ug/l
RT: 2.68 min Scan# 218
Delta R.T. 0.01 min
Lab File: VF059852.D
Acq: 3 Aug 2018 21:24

Tgt Ion	Ratio	Lower	Upper
59	100		
57	41.3	7.6	11.4#





#13

Acrolein

Concen: 20.62 ug/l

RT: 2.05 min Scan# 154

Delta R.T. -0.03 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

Instrument :

MSVOA_F

ClientSampleId :

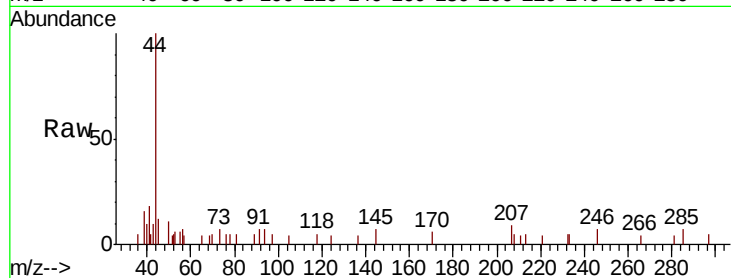
KG-PIT-6

Tot Ion: 56 Resp: 258

Ion Ratio Lower Upper

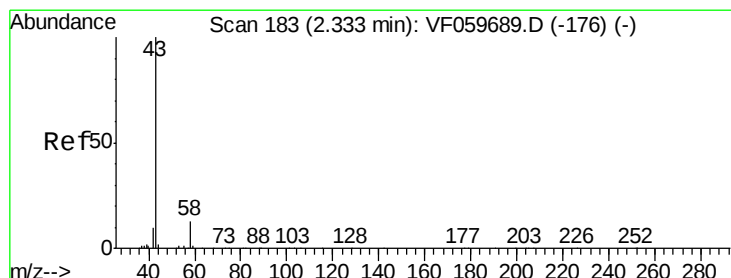
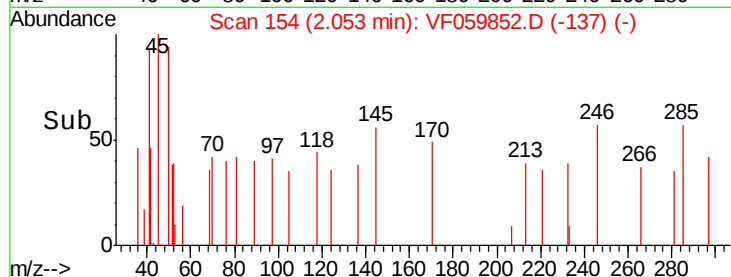
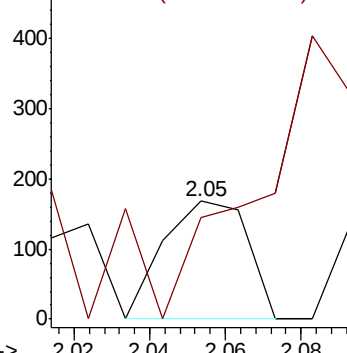
56 100

55 85.7 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: 29.02 ug/l

RT: 2.34 min Scan# 183

Delta R.T. 0.01 min

Lab File: VF059852.D

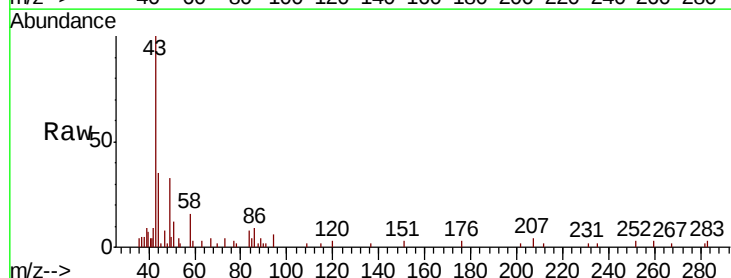
Acq: 3 Aug 2018 21:24

Tgt Ion: 43 Resp: 13089

Ion Ratio Lower Upper

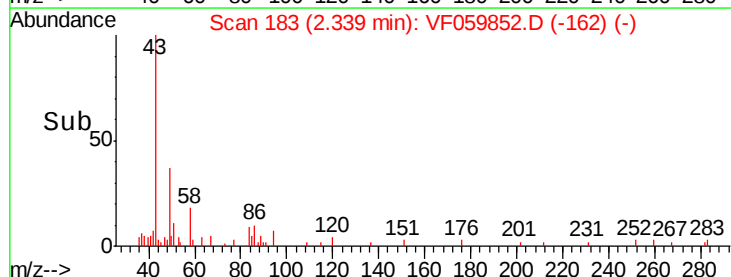
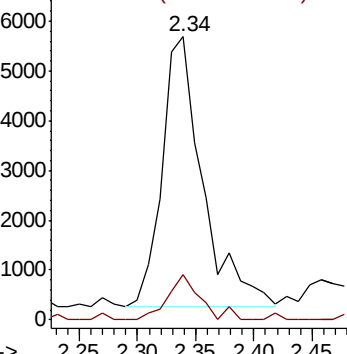
43 100

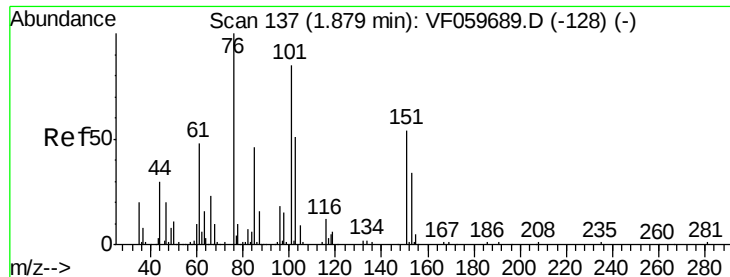
58 15.9 10.1 15.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

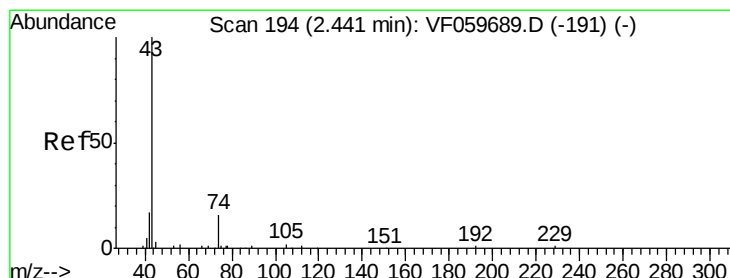
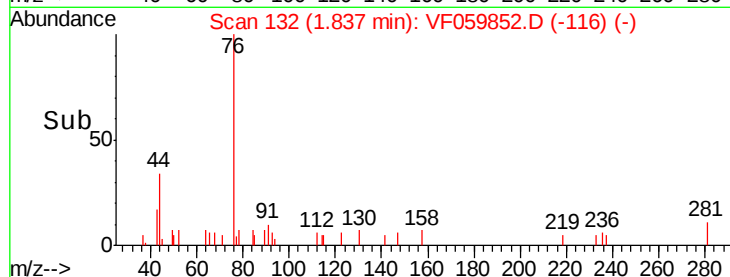
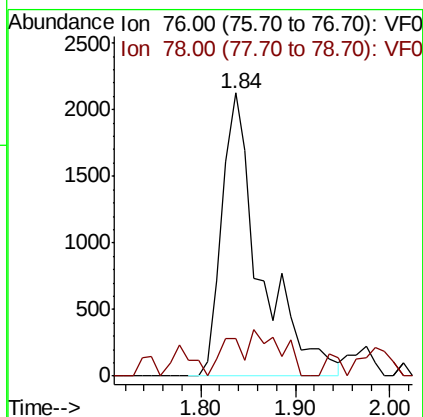
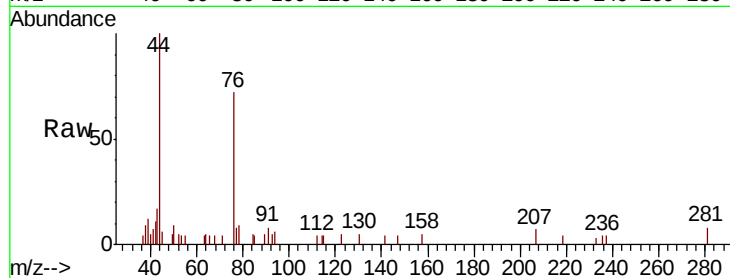




#17
Carbon Disulfide
Concen: Below Cal
RT: 1.84 min Scan# 132
Delta R.T. -0.04 min
Lab File: VF059852.D
Acq: 3 Aug 2018 21:24

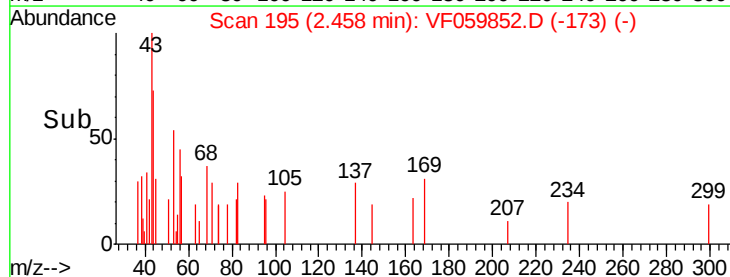
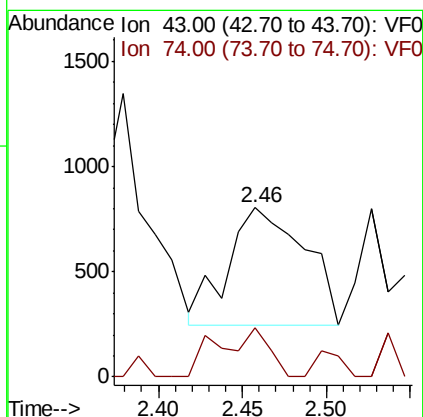
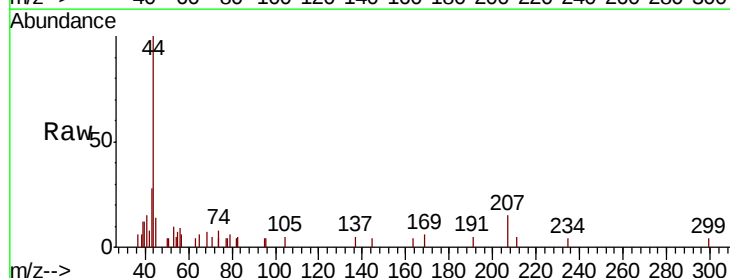
Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-6

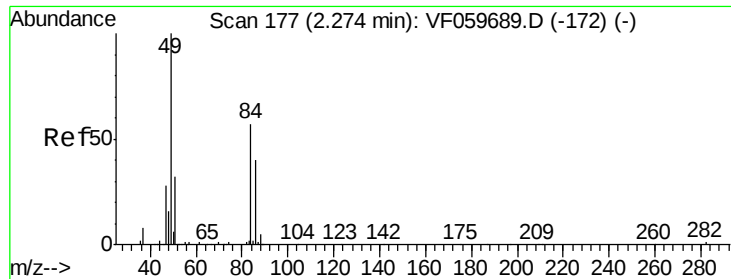
Tot Ion: 76 Resp: 6018
Ion Ratio Lower Upper
76 100
78 13.2 8.9 13.3



#18
Methyl Acetate
Concen: Below Cal
RT: 2.46 min Scan# 195
Delta R.T. 0.02 min
Lab File: VF059852.D
Acq: 3 Aug 2018 21:24

Tgt Ion: 43 Resp: 1770
Ion Ratio Lower Upper
43 100
74 28.8 11.8 17.6#

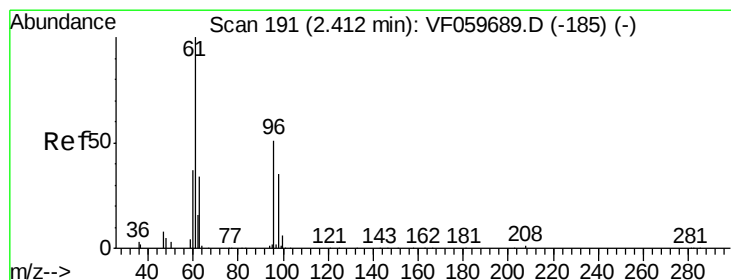
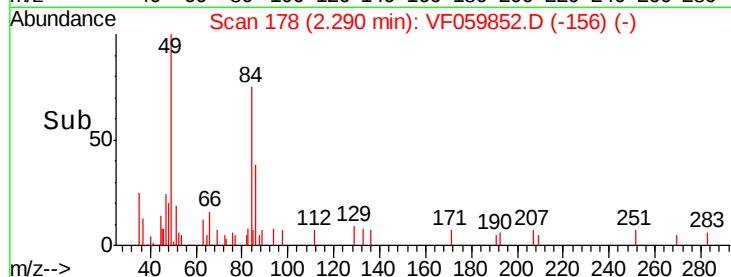
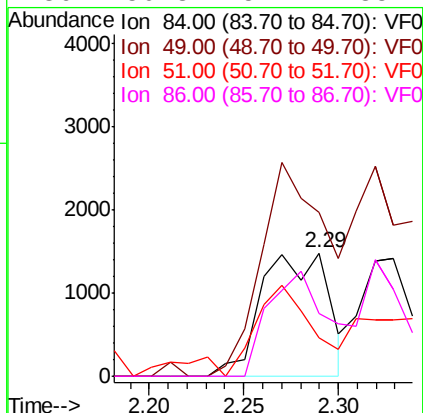
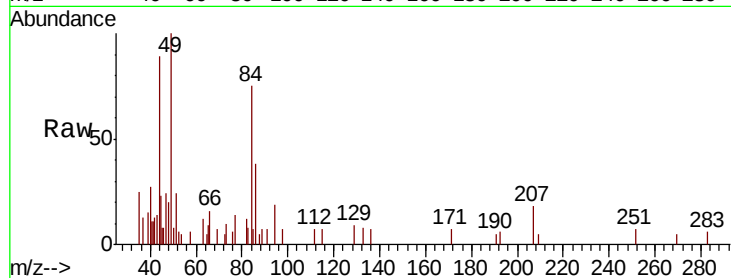




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.29 min Scan# 178
Delta R.T. 0.02 min
Lab File: VF059852.D
Acq: 3 Aug 2018 21:24

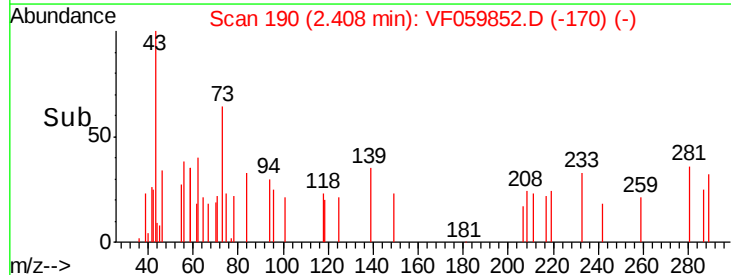
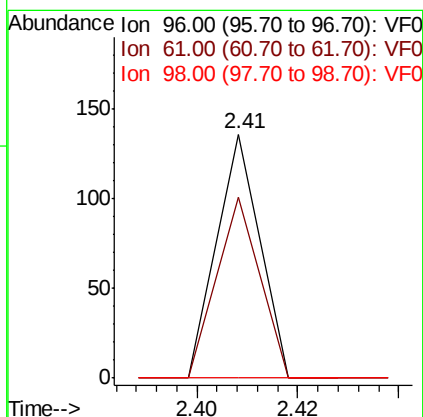
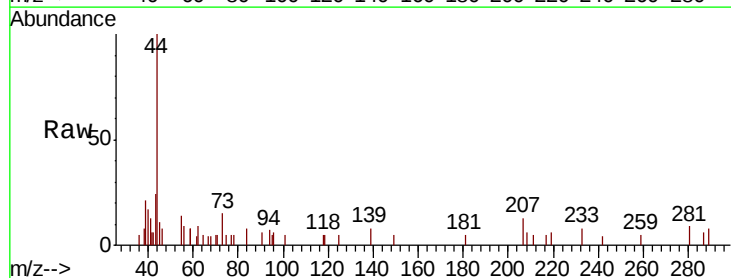
Instrument :
MSVOA_F
ClientSampled :
KG-PIT-6

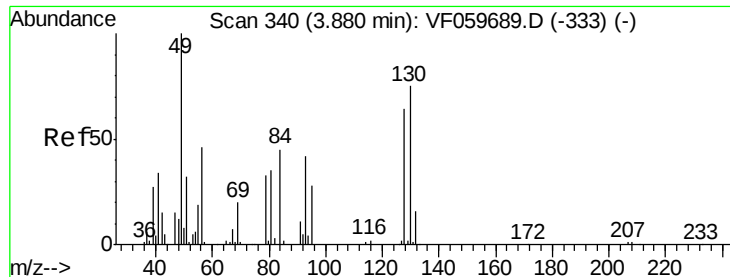
Tot Ion: 84 Resp: 3653
Ion Ratio Lower Upper
84 100
49 133.1 142.2 213.4#
51 31.6 46.2 69.2#
86 50.3 57.1 85.7#



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 2.41 min Scan# 190
Delta R.T. -0.00 min
Lab File: VF059852.D
Acq: 3 Aug 2018 21:24

Tgt Ion: 96 Resp: 80
Ion Ratio Lower Upper
96 100
61 74.3 157.4 236.0#
98 0.0 55.0 82.4#





#28

Bromochloromethane

Concen: Below Cal

RT: 3.89 min Scan# 340

Delta R.T. 0.01 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

Instrument :

MSVOA_F

ClientSampled :

KG-PIT-6

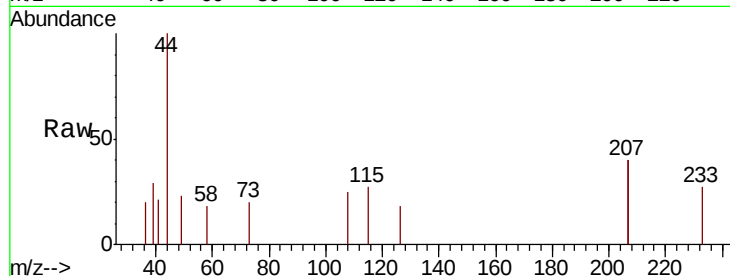
Tot Ion: 49 Resp: 80

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

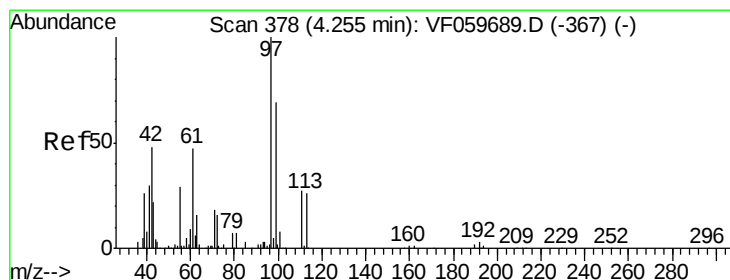
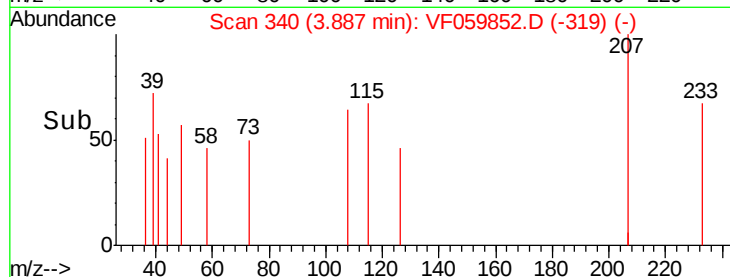
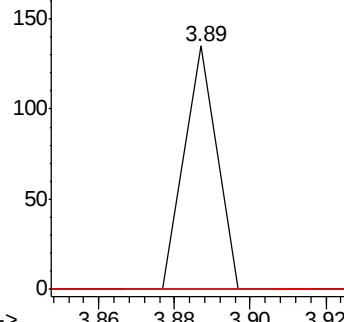
130 0.0 59.6 89.4#



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: 2.55 ug/l

RT: 4.27 min Scan# 379

Delta R.T. 0.02 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

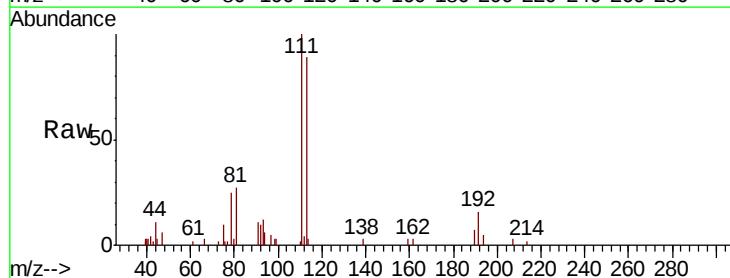
Tgt Ion: 42 Resp: 494

Ion Ratio Lower Upper

42 100

72 13.0 27.0 40.6#

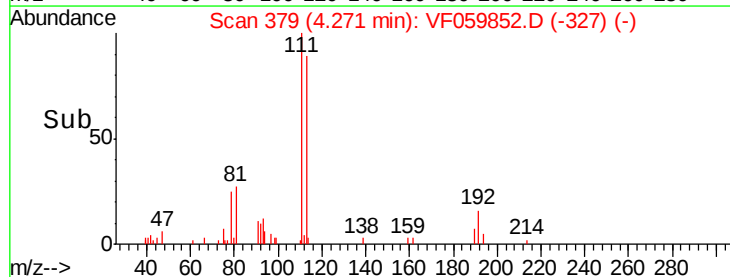
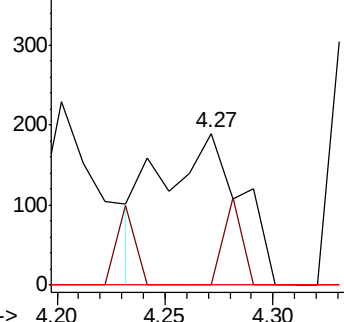
71 0.0 29.7 44.5#

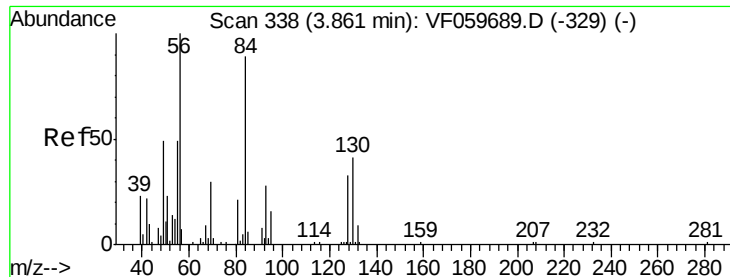


Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0





#31

Cyclohexane

Concen: Below Cal

RT: 3.86 min Scan# 337

Delta R.T. -0.00 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-6

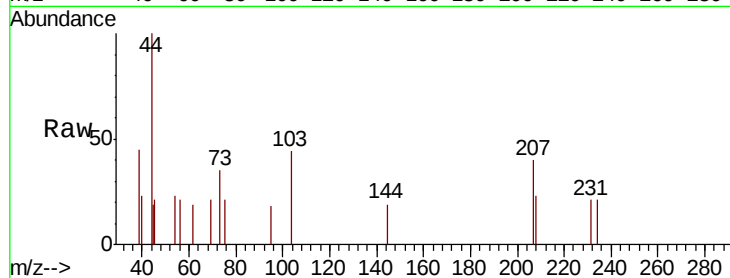
Tot Ion: 56 Resp: 68

Ion Ratio Lower Upper

56 100

69 103.5 23.7 35.5#

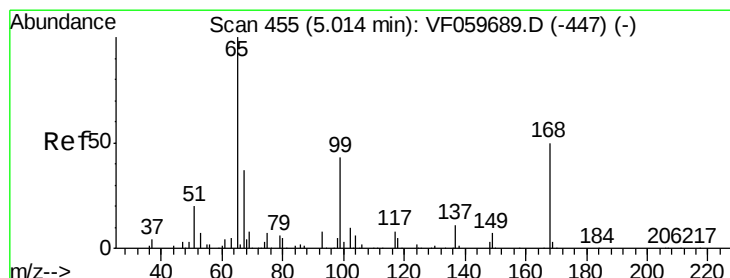
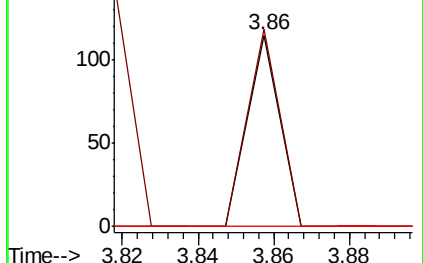
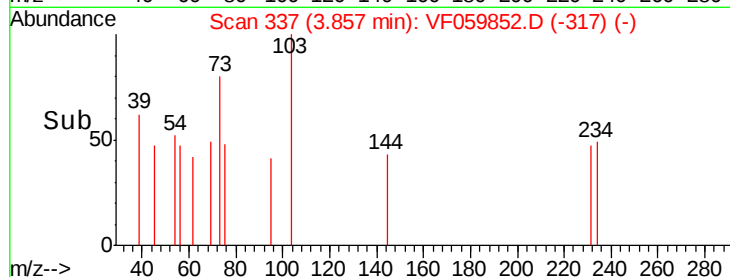
84 0.0 71.1 106.7#



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: 36.39 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059852.D

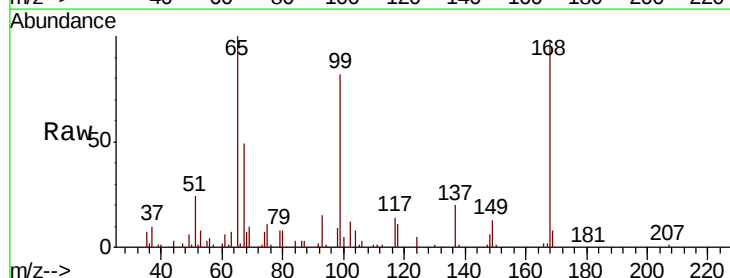
Acq: 3 Aug 2018 21:24

Tgt Ion: 65 Resp: 91247

Ion Ratio Lower Upper

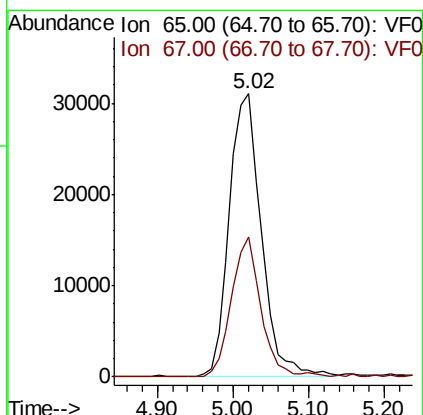
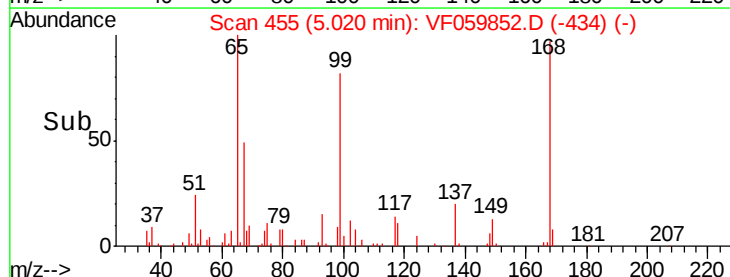
65 100

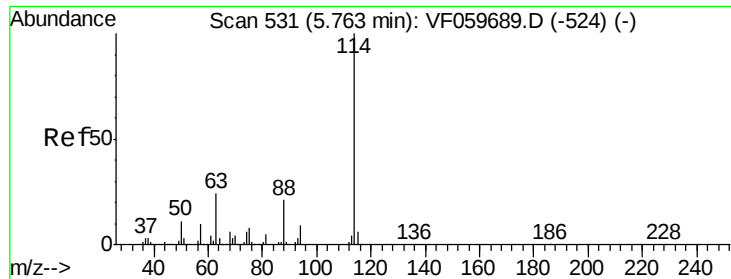
67 49.3 0.0 84.6



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# 530

Delta R.T. -0.00 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-6

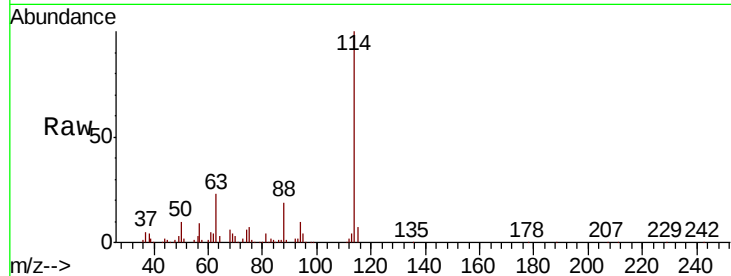
Tot Ion:114 Resp: 153948

Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.4

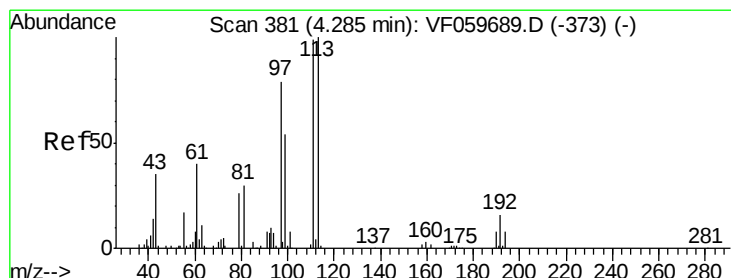
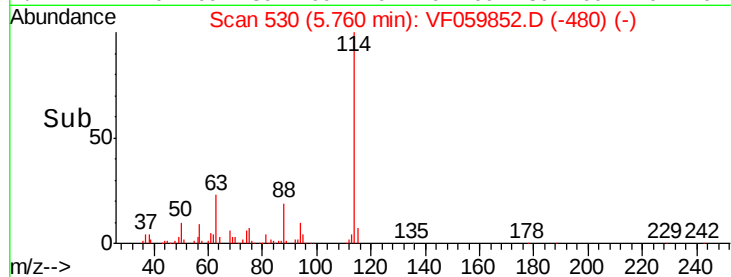
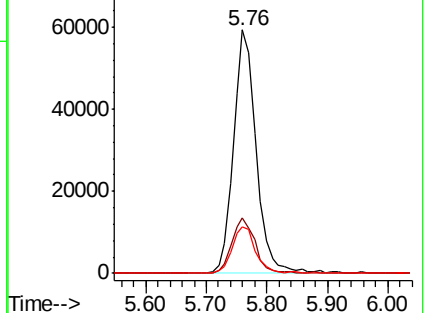
88 19.4 0.0 41.2



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: 13.58 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

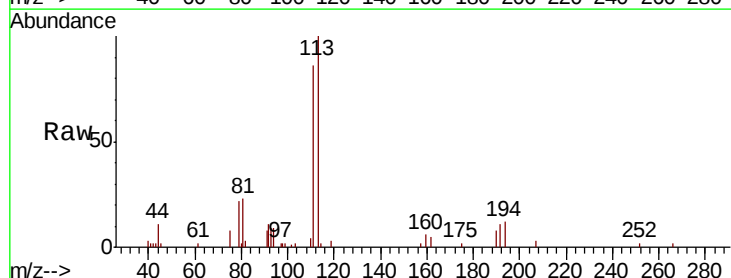
Tgt Ion:113 Resp: 21720

Ion Ratio Lower Upper

113 100

111 86.0 79.0 118.4

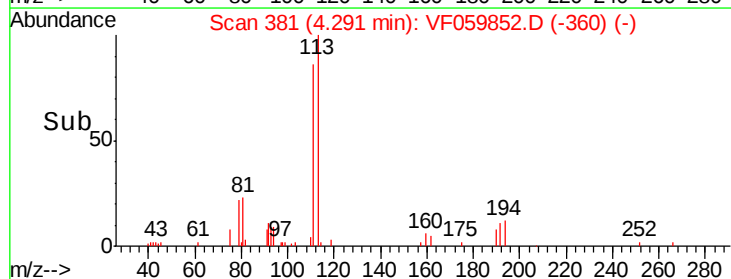
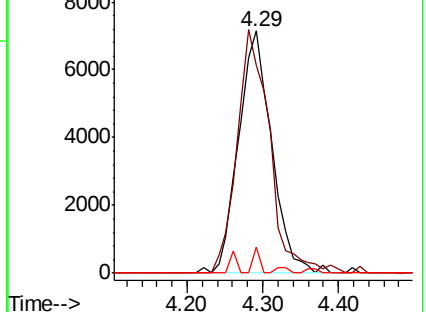
192 10.7 13.2 19.8#

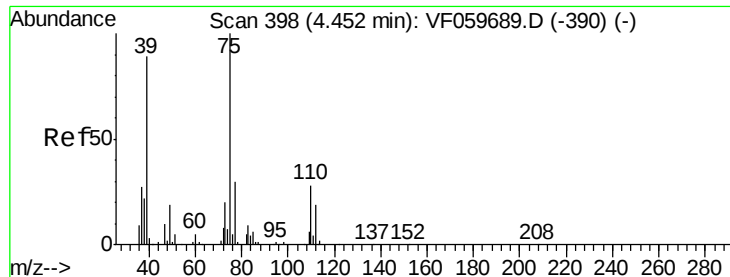


Abundance Ion 113.00 (112.70 to 113.70): V

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# 398

Delta R.T. 0.01 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

Instrument :

MSVOA_F

ClientSampled :

KG-PIT-6

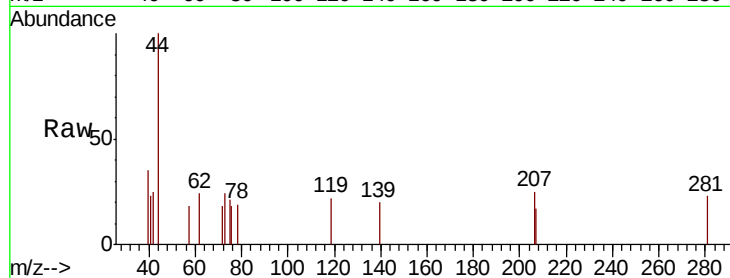
Tot Ion: 75 Resp: 201

Ion Ratio Lower Upper

75 100

110 0.0 14.0 41.9#

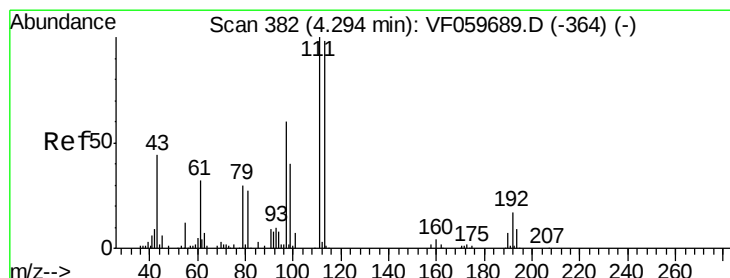
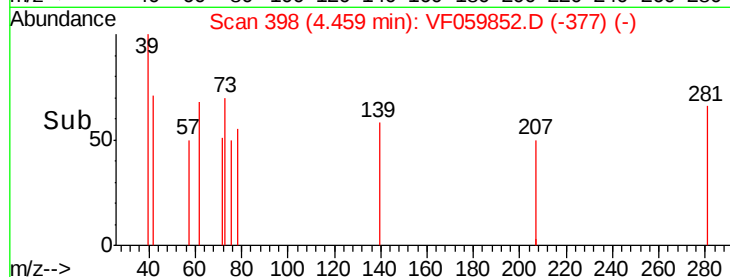
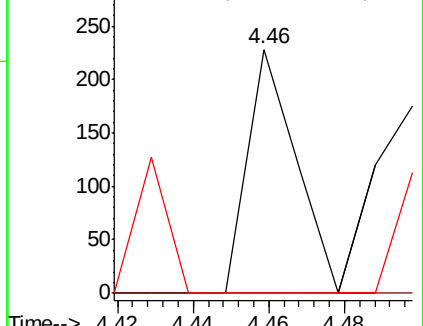
77 0.0 24.2 36.2#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0



#37

Ethyl Acetate

Concen: Below Cal

RT: 4.30 min Scan# 382

Delta R.T. 0.01 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

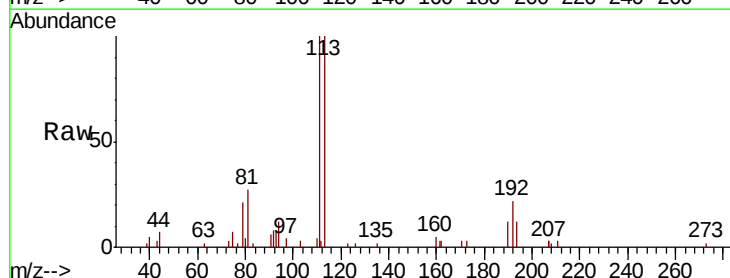
Tgt Ion: 43 Resp: 168

Ion Ratio Lower Upper

43 100

61 0.0 58.2 87.2#

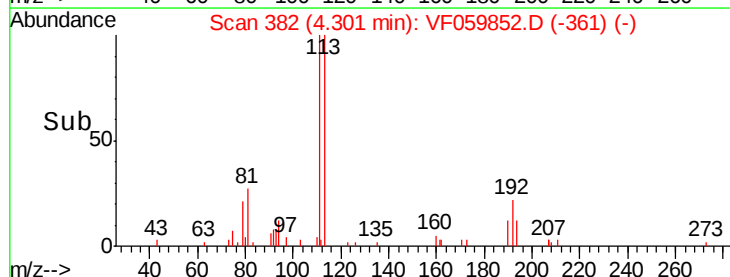
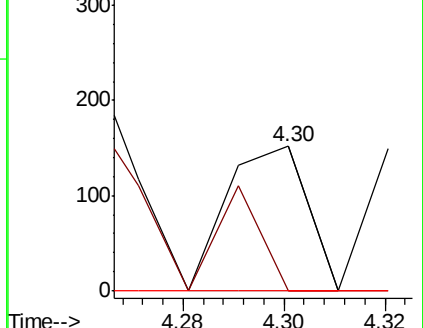
70 0.0 6.0 9.0#

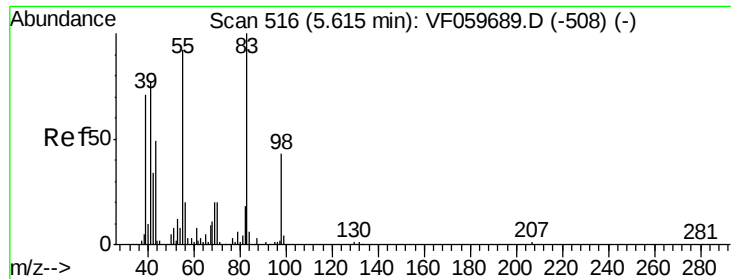


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

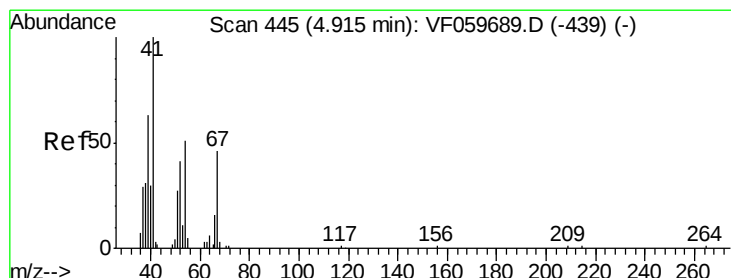
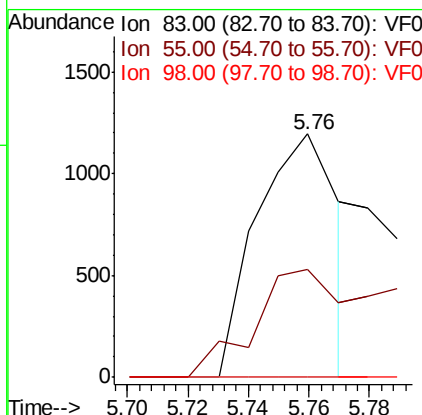
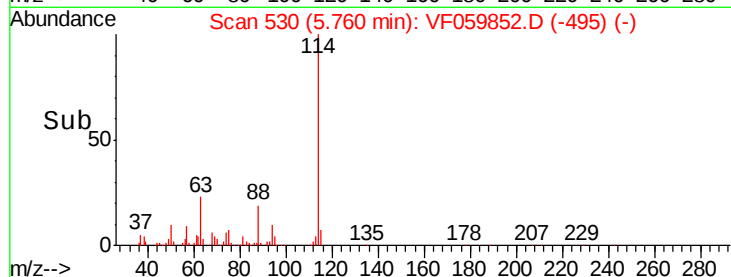
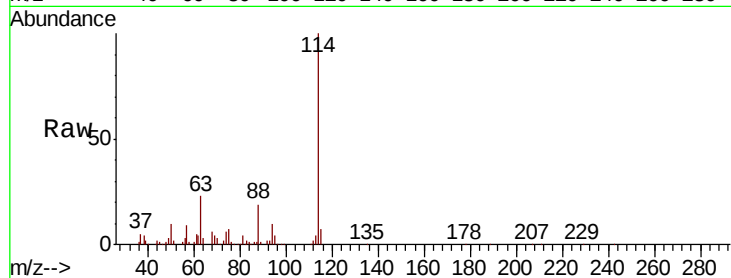




#39
Methylcyclohexane
Concen: Below Cal
RT: 5.76 min Scan# 530
Delta R.T. 0.14 min
Lab File: VF059852.D
Acq: 3 Aug 2018 21:24

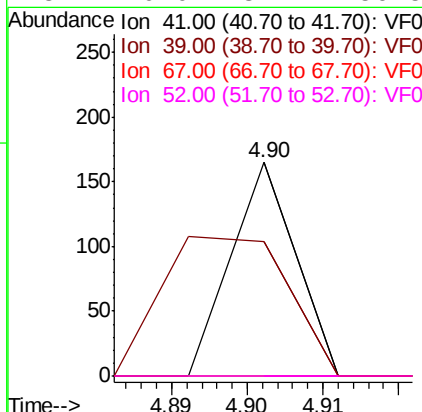
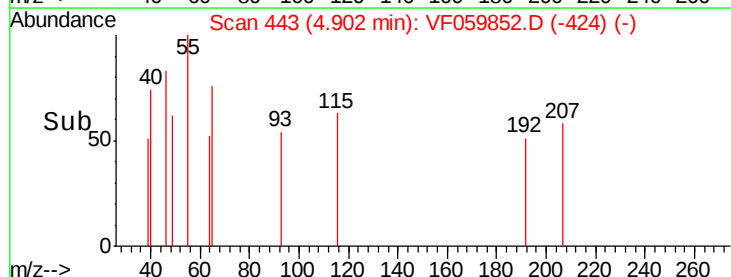
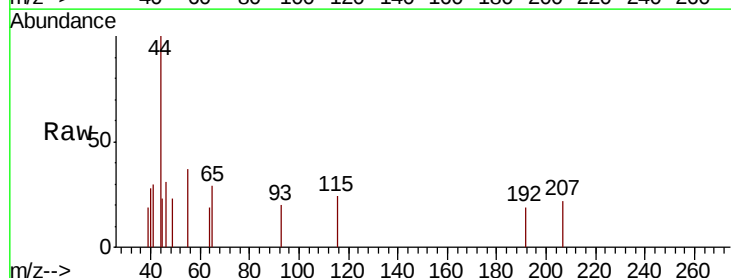
Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-6

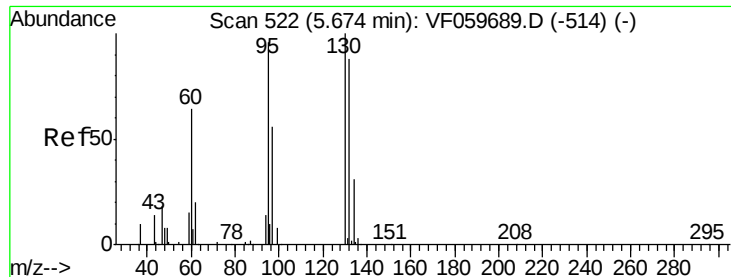
Tot Ion: 83 Resp: 2238
Ion Ratio Lower Upper
83 100
55 44.6 73.4 110.2#
98 14.0 34.2 51.4#



#41
Methacrylonitrile
Concen: Below Cal
RT: 4.90 min Scan# 443
Delta R.T. -0.01 min
Lab File: VF059852.D
Acq: 3 Aug 2018 21:24

Tgt Ion: 41 Resp: 98
Ion Ratio Lower Upper
41 100
39 63.0 55.2 82.8
67 0.0 36.2 54.2#
52 0.0 37.7 56.5#





#44

Trichloroethene

Concen: Below Cal

RT: 5.68 min Scan# 522

Delta R.T. 0.01 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

Instrument :

MSVOA_F

ClientSampleId :

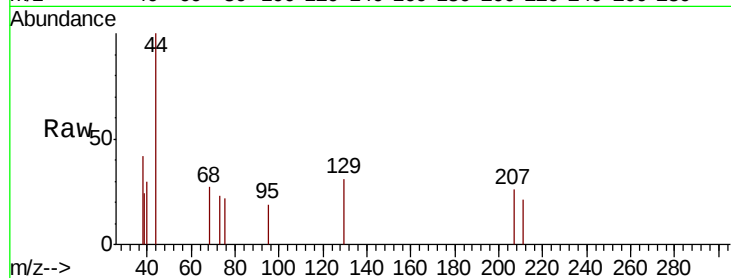
KG-PIT-6

Tot Ion:130 Resp: 104

Ion Ratio Lower Upper

130 100

95 61.1 0.0 191.0



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0

5.68

150

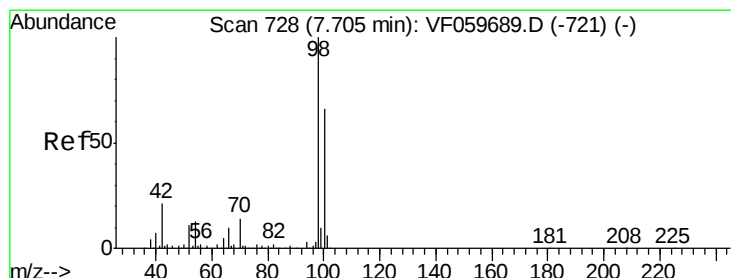
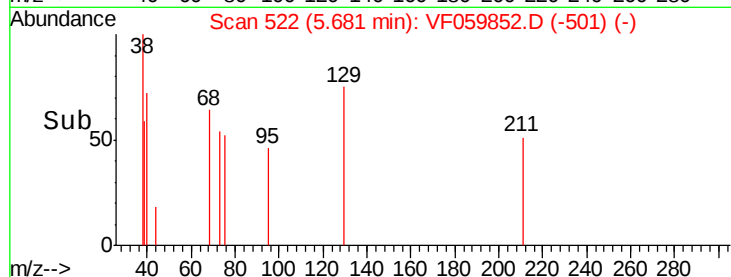
100

50

0

5.66 5.68 5.70

Time-->



#50

Toluene-d8

Concen: 27.44 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.00 min

Lab File: VF059852.D

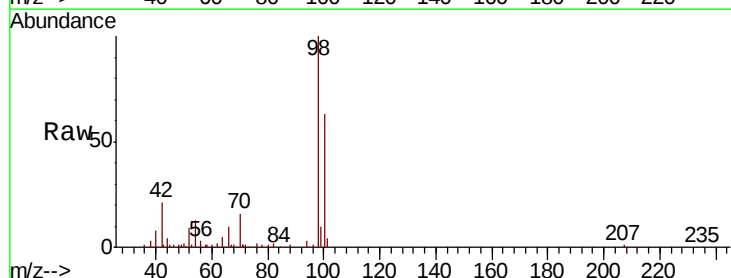
Acq: 3 Aug 2018 21:24

Tgt Ion: 98 Resp: 102313

Ion Ratio Lower Upper

98 100

100 62.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

50000

40000

30000

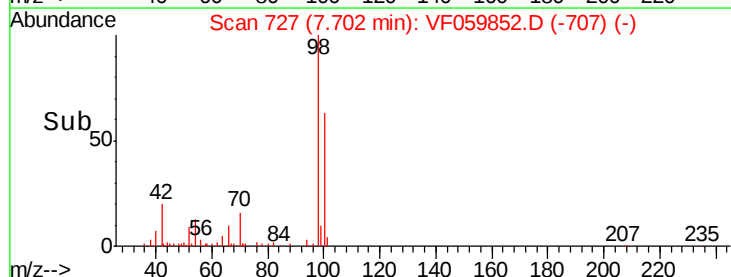
20000

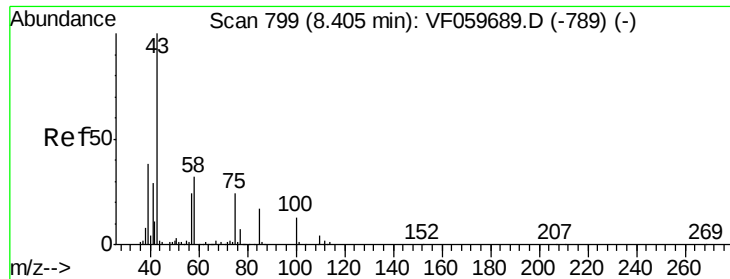
10000

0

7.60 7.70 7.80 7.90

Time-->





#51

4-Methyl-2-Pentanone

Concen: 1.10 ug/l

RT: 8.38 min Scan# 796

Delta R.T. -0.02 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

Instrument :

MSVOA_F

ClientSampled :

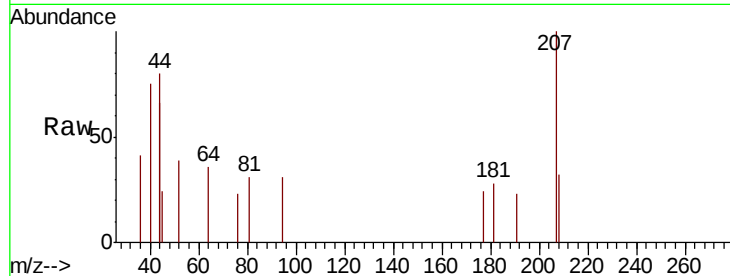
KG-PIT-6

Tot Ion: 43 Resp: 773

Ion Ratio Lower Upper

43 100

58 0.0 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.38

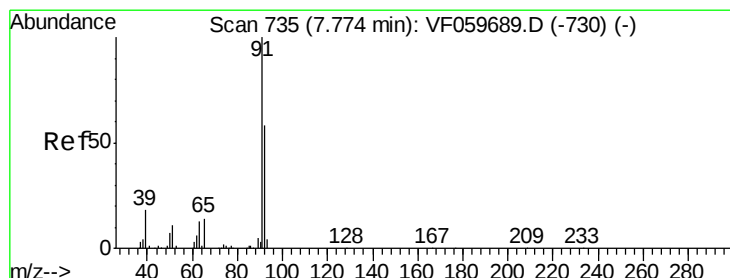
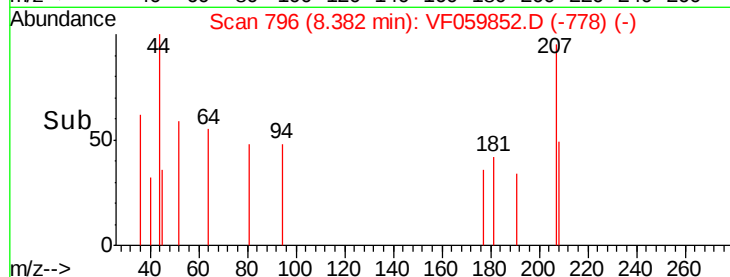
300

200

100

0

Time--> 8.30 8.35 8.40 8.45



#58

2-Chloroethyl Vinyl ether

Concen: 10.33 ug/l

RT: 7.80 min Scan# 737

Delta R.T. 0.03 min

Lab File: VF059852.D

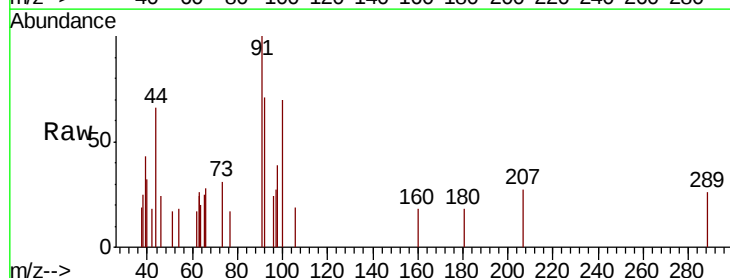
Acq: 3 Aug 2018 21:24

Tgt Ion: 63 Resp: 1047

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

500

400

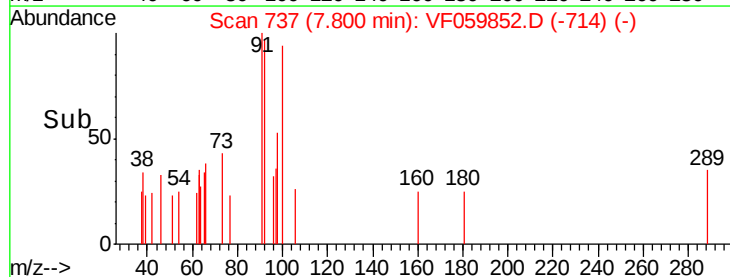
300

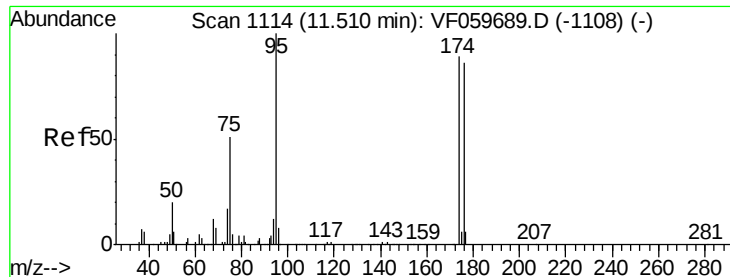
200

100

0

Time--> 7.70 7.75 7.80 7.85





#62

4-Bromofluorobenzene

Concen: 6.41 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

Instrument :

MSVOA_F

ClientSampled :

KG-PIT-6

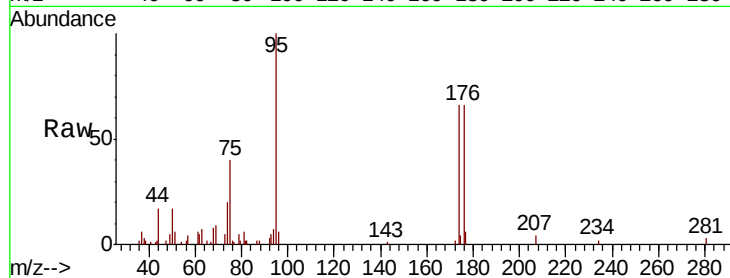
Tot Ion: 95 Resp: 13227

Ion Ratio Lower Upper

95 100

174 69.9 0.0 178.4

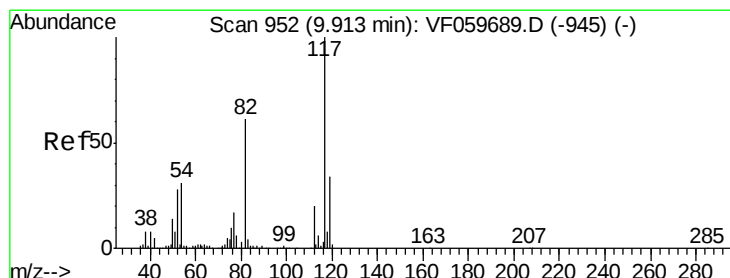
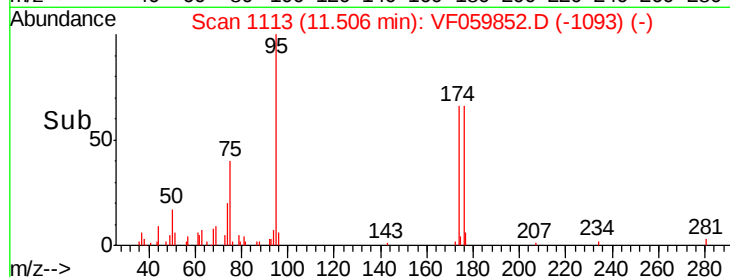
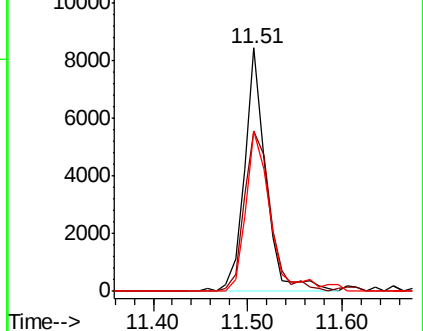
176 65.8 0.0 173.0



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: 9.92 min Scan# 952

Delta R.T. 0.01 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

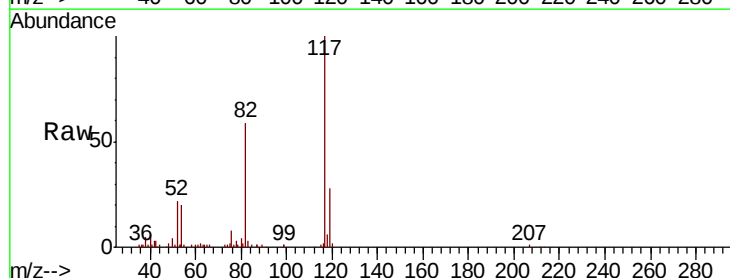
Tgt Ion: 117 Resp: 63814

Ion Ratio Lower Upper

117 100

82 58.7 49.0 73.4

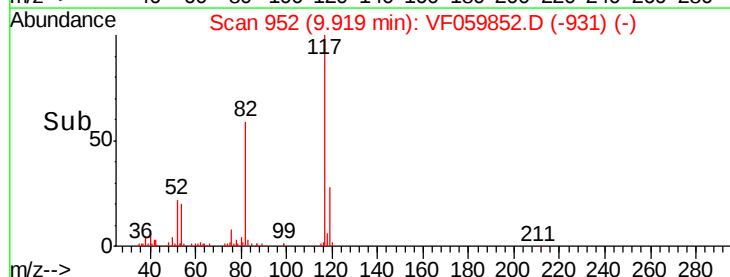
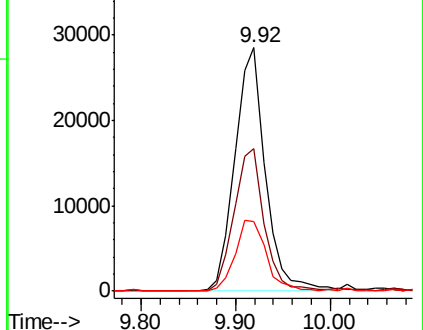
119 28.4 27.3 40.9

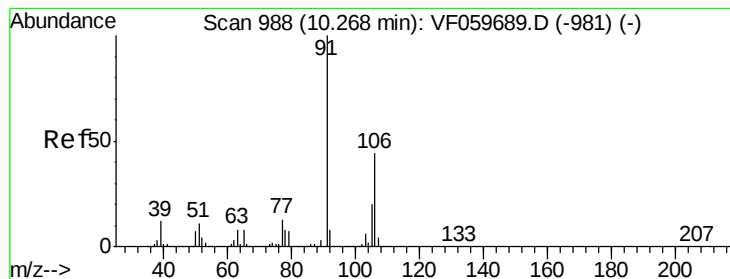


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#68

m/p-Xvlenes

Concen: Below Cal

RT: 10.24 min Scan# 985

Delta R.T. -0.02 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

Instrument :

MSVOA_F

ClientSampleId :

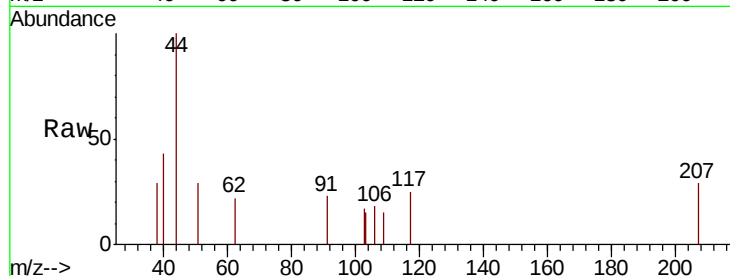
KG-PIT-6

Tot Ion:106 Resp: 287

Ion Ratio Lower Upper

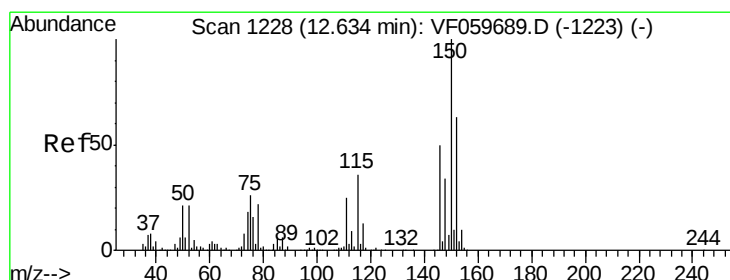
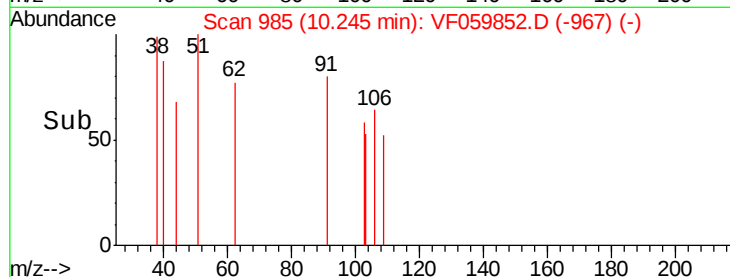
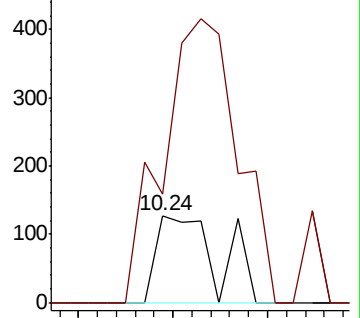
106 100

91 125.2 181.7 272.5#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

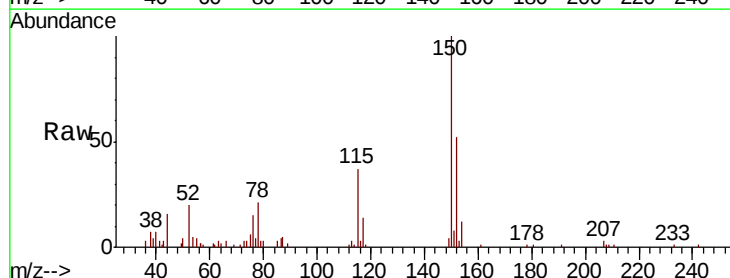
Tgt Ion:152 Resp: 8293

Ion Ratio Lower Upper

152 100

115 70.9 28.2 84.6

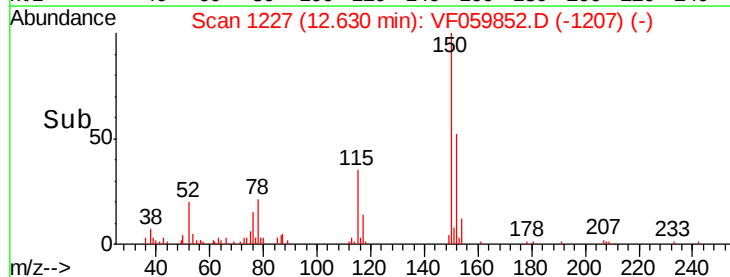
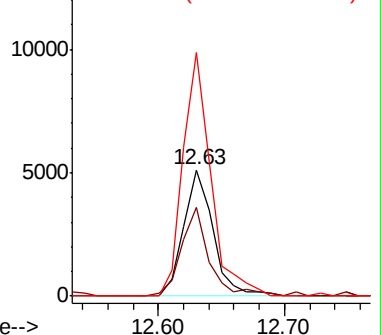
150 193.2 0.0 316.2

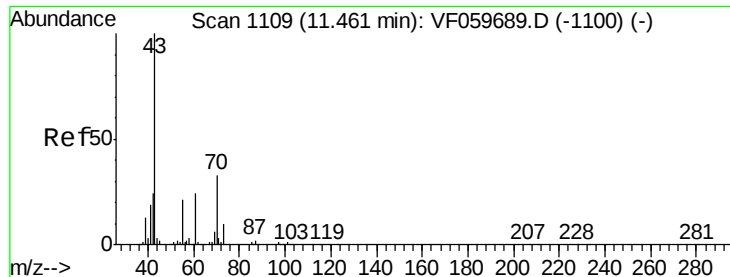


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#74

N-amvl acetate

Concen: 1.27 ug/l

RT: 11.48 min Scan# 1110

Delta R.T. 0.02 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-6

Tot Ion: 43 Resp: 174

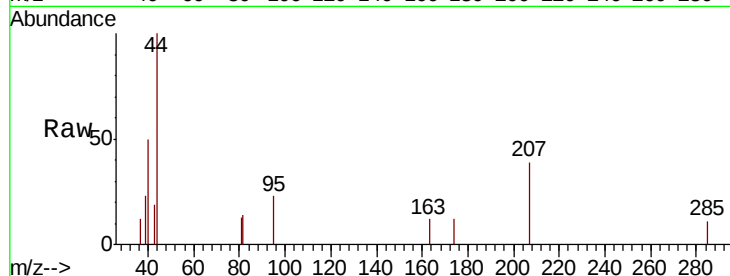
Ion Ratio Lower Upper

43 100

70 0.0 26.3 39.5#

55 0.0 16.6 25.0#

61 0.0 19.1 28.7#

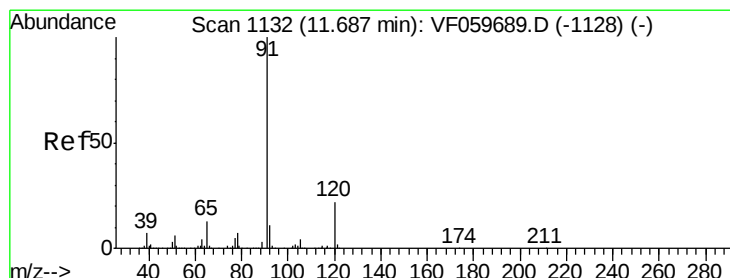
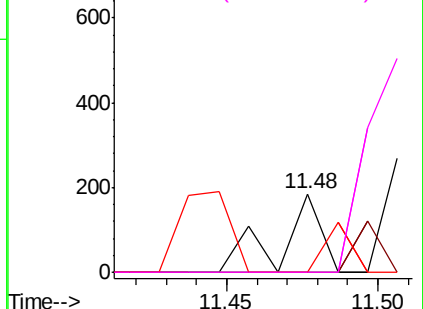
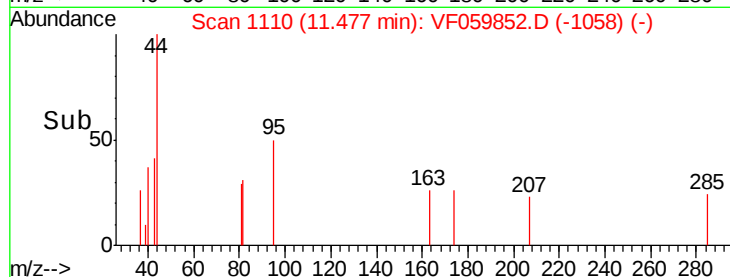


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#78

n-propylbenzene

Concen: Below Cal

RT: 11.68 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VF059852.D

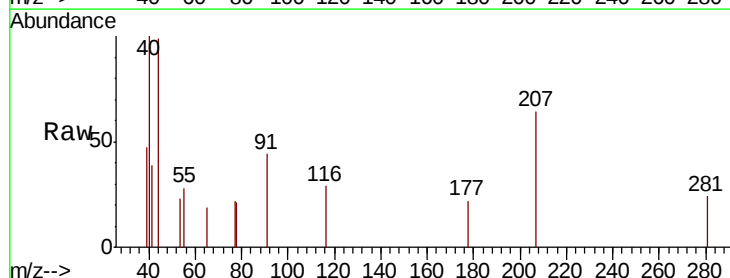
Acq: 3 Aug 2018 21:24

Tgt Ion: 91 Resp: 338

Ion Ratio Lower Upper

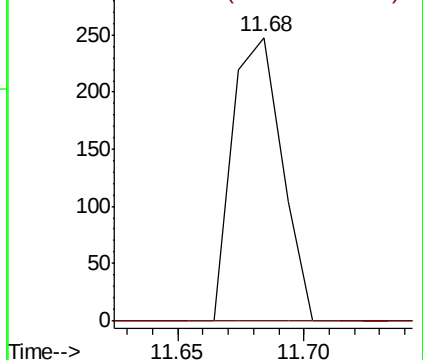
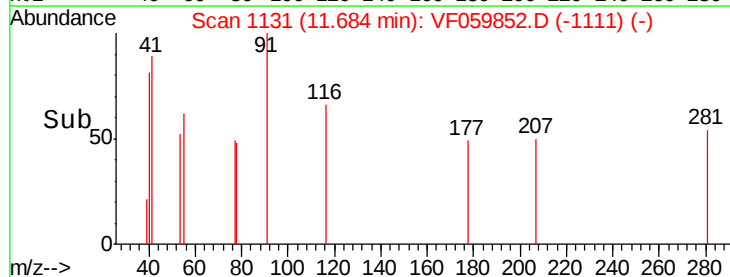
91 100

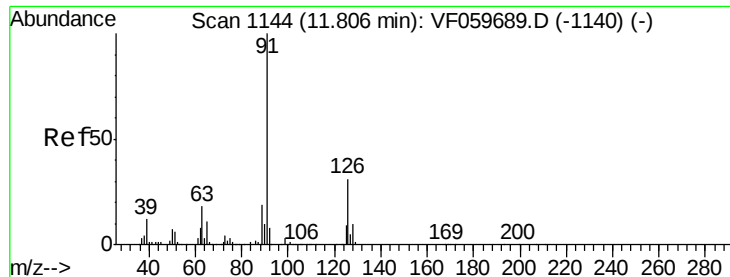
120 0.0 11.0 33.0#



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. -0.00 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

Instrument :

MSVOA_F

ClientSampled :

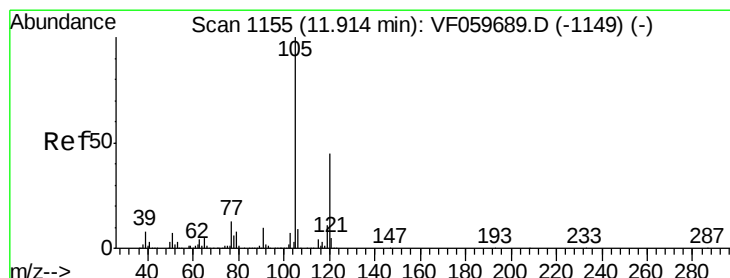
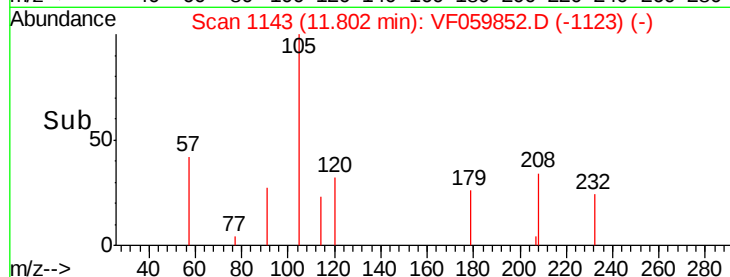
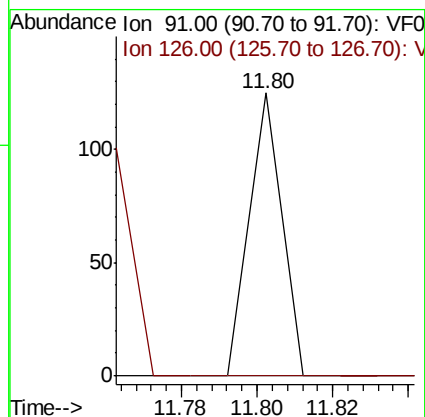
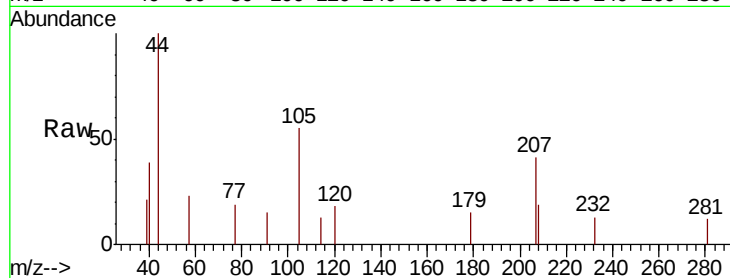
KG-PIT-6

Tot Ion: 91 Resp: 74

Ion Ratio Lower Upper

91 100

126 0.0 15.4 46.2#



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 11.91 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VF059852.D

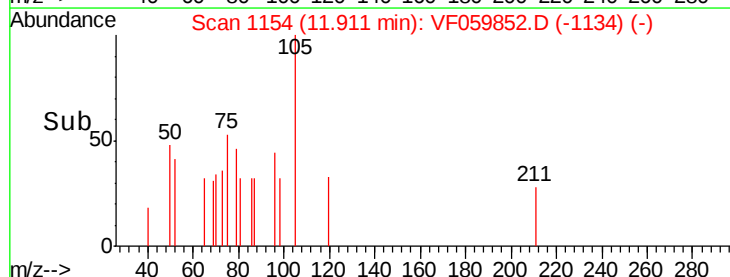
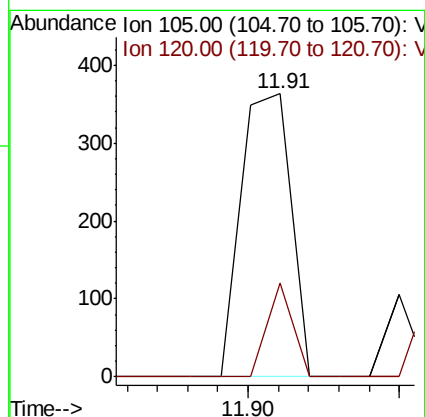
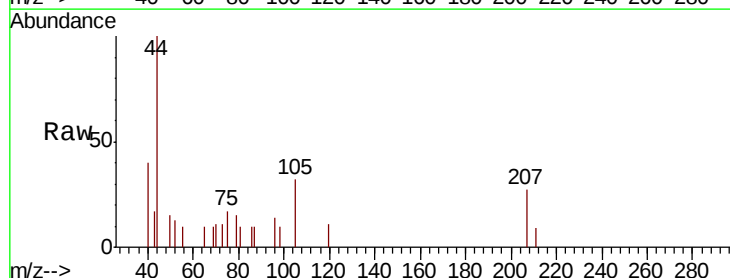
Acq: 3 Aug 2018 21:24

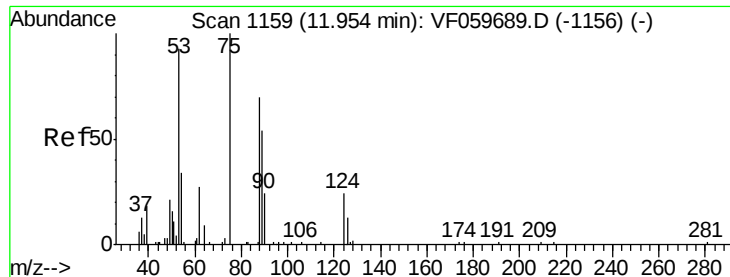
Tgt Ion:105 Resp: 421

Ion Ratio Lower Upper

105 100

120 33.3 22.7 68.0





#81

trans-1,4-Dichloro-2-butene

Concen: 2.13 ug/l

RT: 11.96 min Scan# 1159

Delta R.T. 0.01 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

Instrument :

MSVOA_F

ClientSampled :

KG-PIT-6

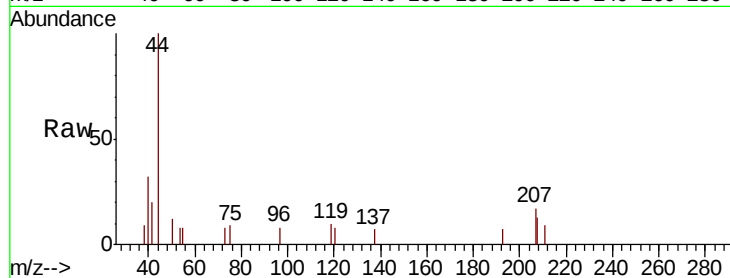
Tot Ion: 75 Resp: 77

Ion Ratio Lower Upper

75 100

53 86.9 78.3 117.5

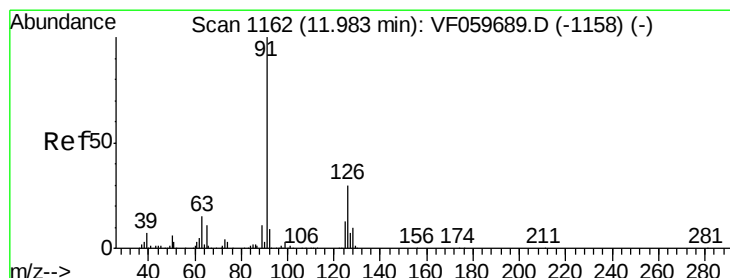
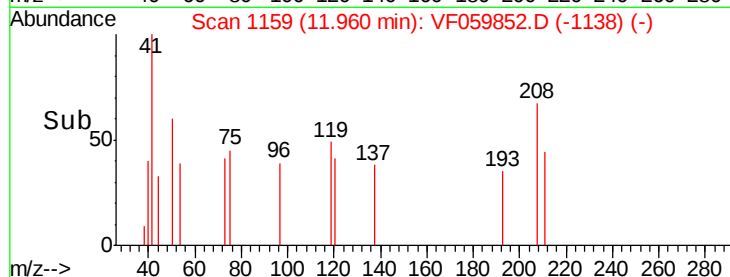
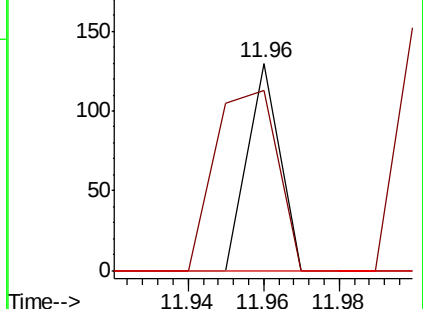
89 0.0 45.4 68.2#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0



#82

4-Chlorotoluene

Concen: Below Cal

RT: 11.97 min Scan# 1160

Delta R.T. -0.01 min

Lab File: VF059852.D

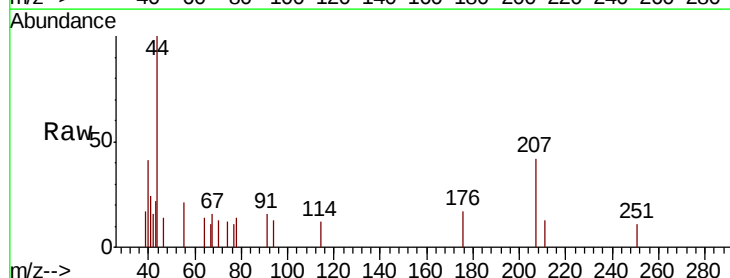
Acq: 3 Aug 2018 21:24

Tgt Ion: 91 Resp: 161

Ion Ratio Lower Upper

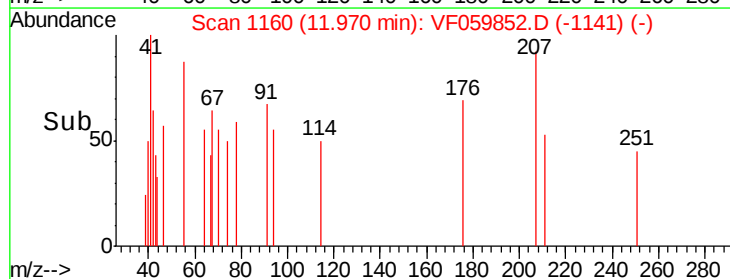
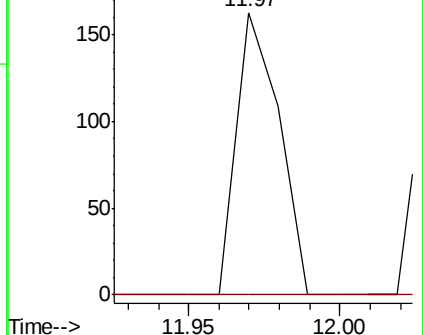
91 100

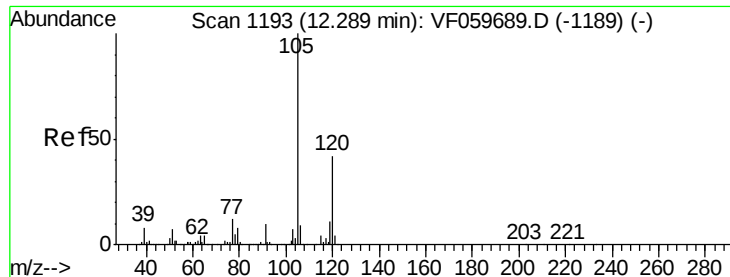
126 0.0 15.2 45.6#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

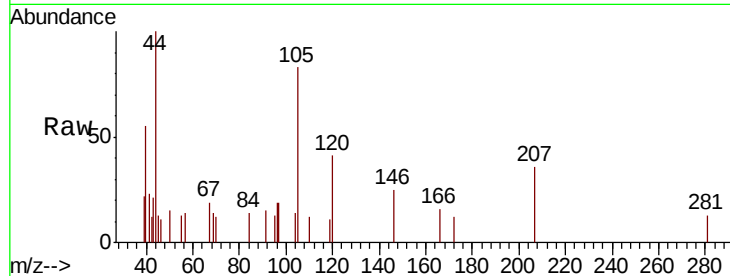




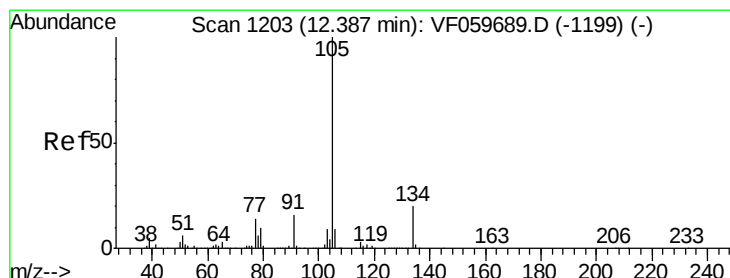
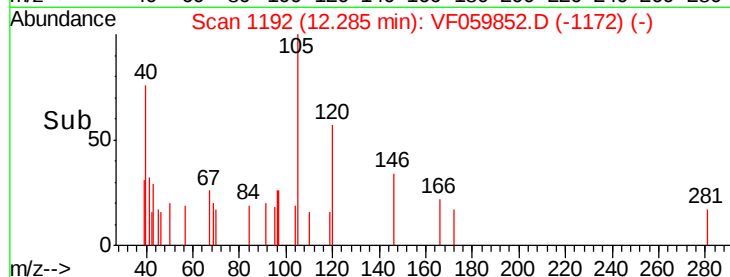
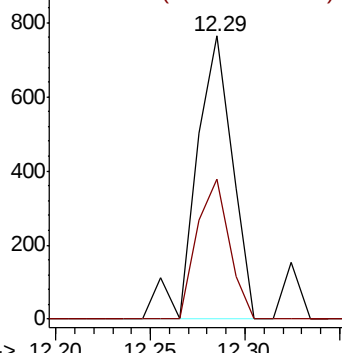
#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 12.29 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: VF059852.D
 Acq: 3 Aug 2018 21:24

Instrument :
 MSVOA_F
 ClientSampled :
 KG-PIT-6

Tot Ion:105 Resp: 1023
 Ion Ratio Lower Upper
 105 100
 120 49.3 21.1 63.3

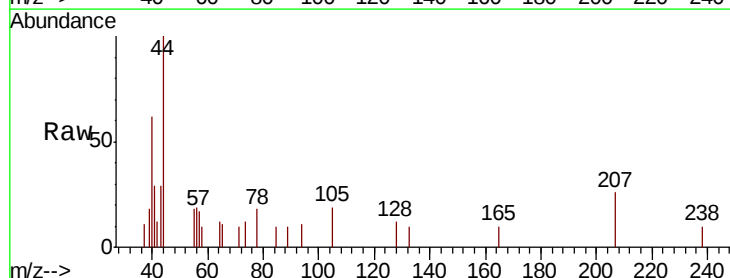


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

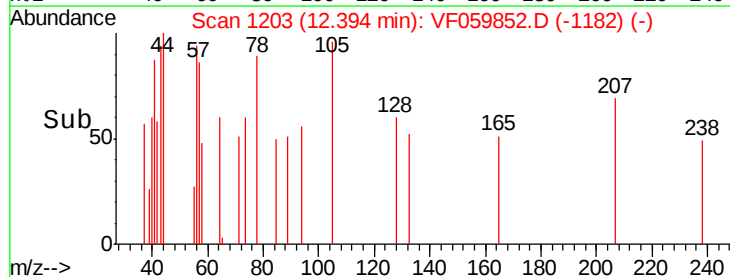
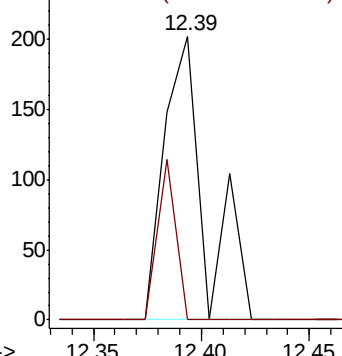


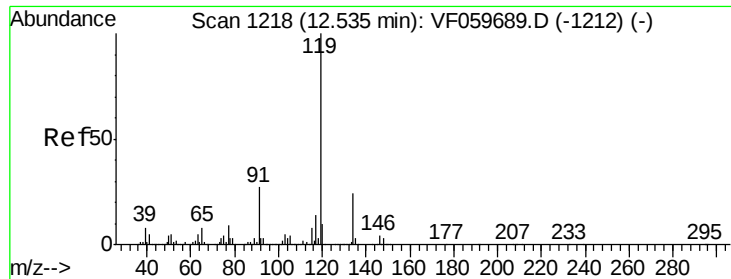
#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 12.39 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: VF059852.D
 Acq: 3 Aug 2018 21:24

Tgt Ion:105 Resp: 269
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

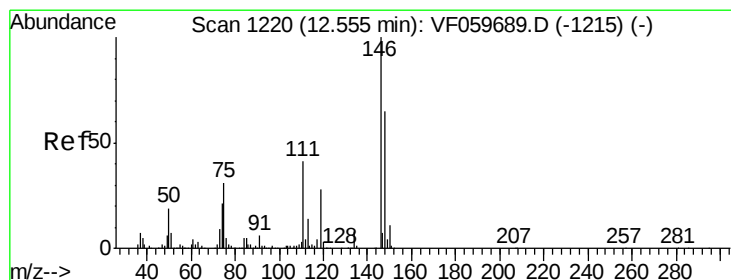
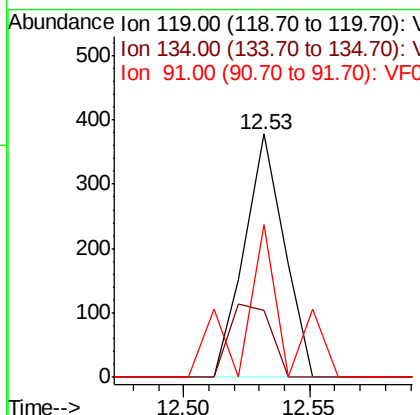
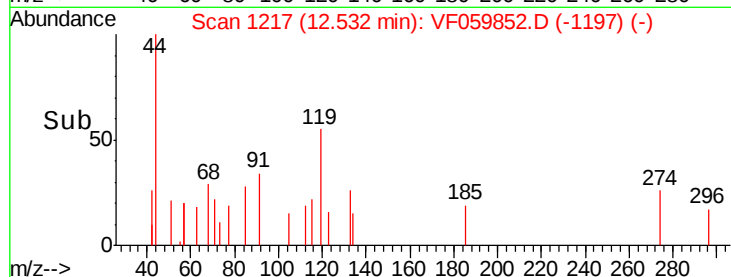
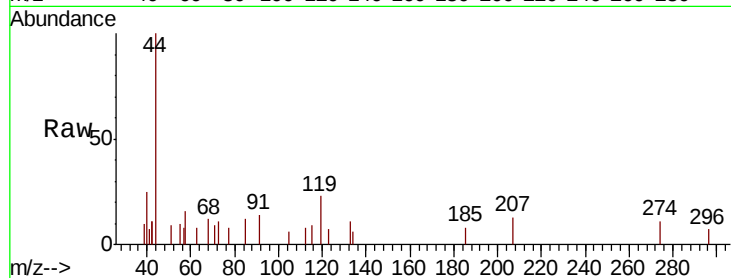




#86
p-Isopropyltoluene
Concen: Below Cal
RT: 12.53 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VF059852.D
Acq: 3 Aug 2018 21:24

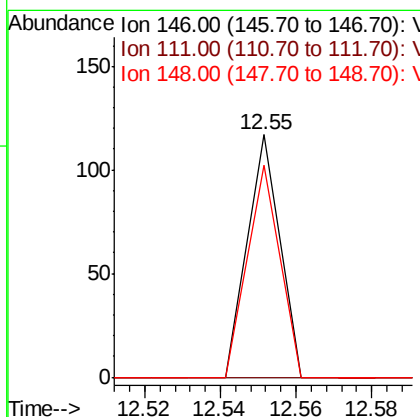
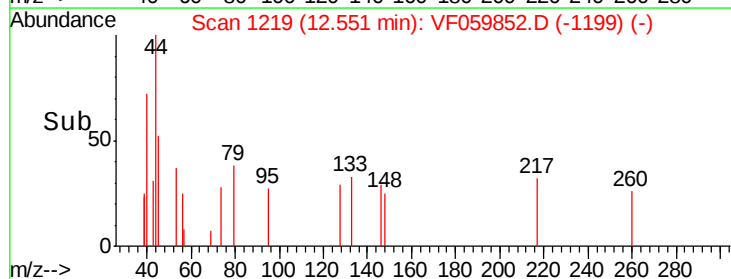
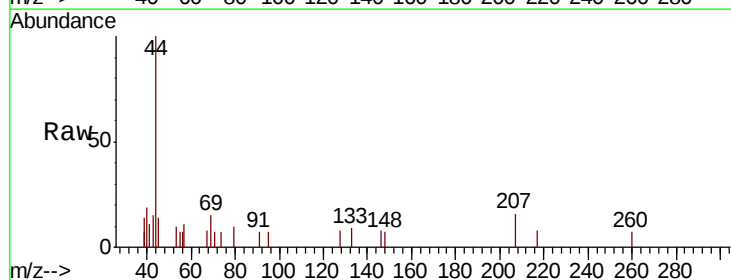
Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-6

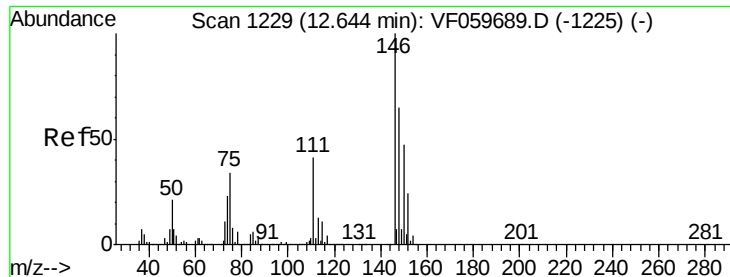
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.8	12.2	36.6
91	62.7	13.4	40.2



#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.55 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VF059852.D
Acq: 3 Aug 2018 21:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.7	62.1
148	87.2	32.3	96.8

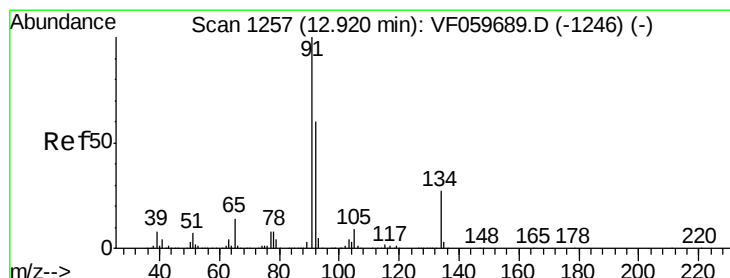
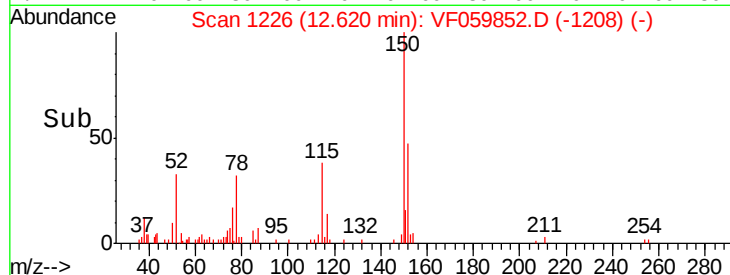
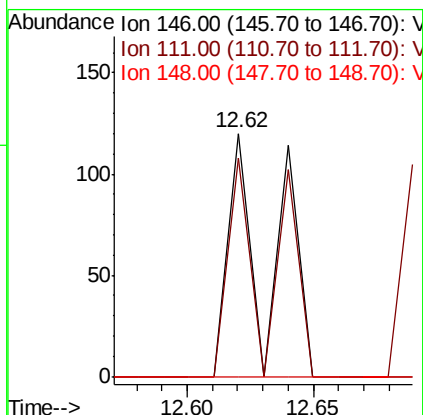
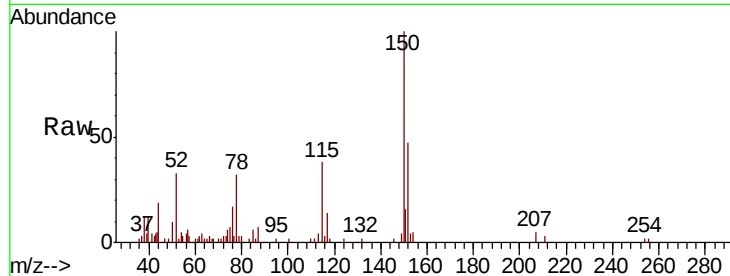




#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 12.62 min Scan# 1226
 Delta R.T. -0.02 min
 Lab File: VF059852.D
 Acq: 3 Aug 2018 21:24

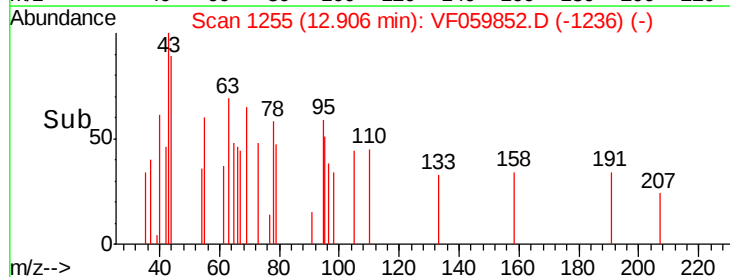
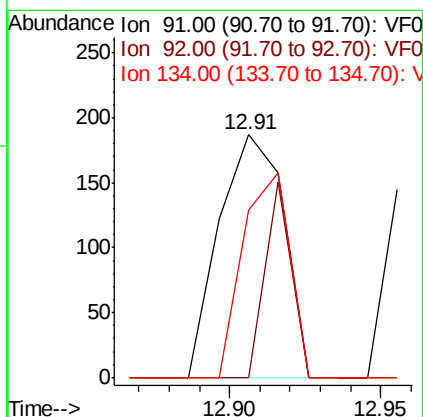
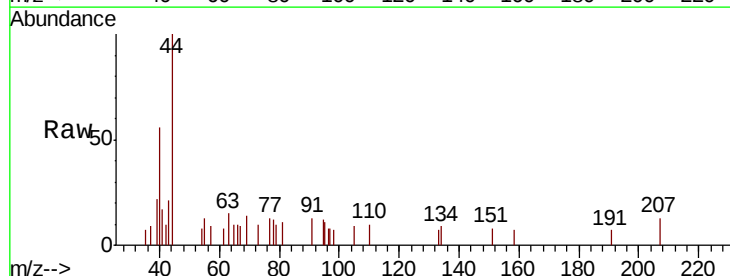
Instrument :
 MSVOA_F
 ClientSampleId :
 KG-PIT-6

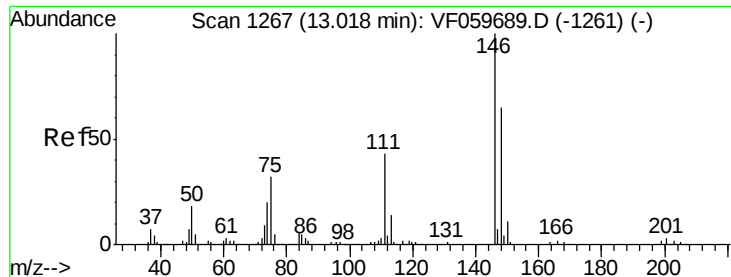
Tot Ion	Ratio	Lower	Upper
146	100		
111	90.0	20.8	62.2#
148	0.0	32.3	96.9#



#89
 n-Butylbenzene
 Concen: Below Cal
 RT: 12.91 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: VF059852.D
 Acq: 3 Aug 2018 21:24

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	30.1	90.3#
134	69.0	13.7	41.0#





#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 12.99 min Scan# 1263

Delta R.T. -0.03 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

Instrument :

MSVOA_F

ClientSampled :

KG-PIT-6

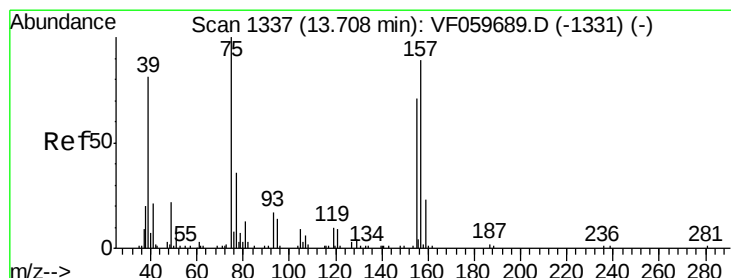
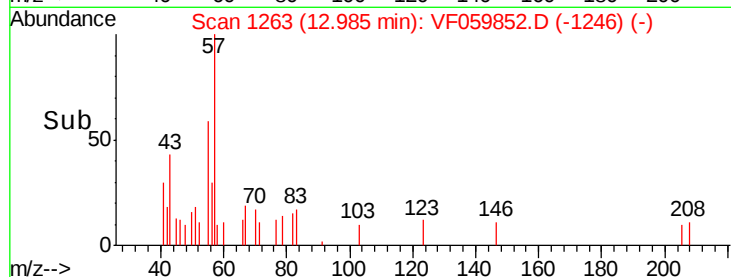
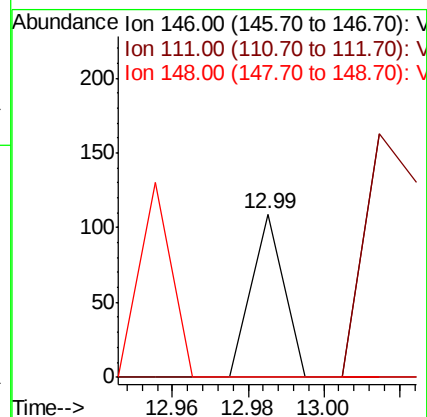
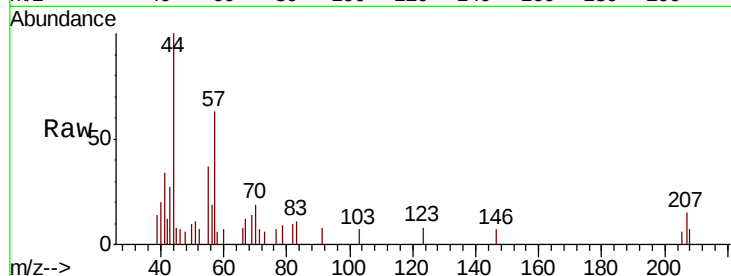
Tot Ion:146 Resp: 64

Ion Ratio Lower Upper

146 100

111 0.0 21.6 65.0#

148 0.0 32.3 96.9#



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.00 ug/l

RT: 13.71 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

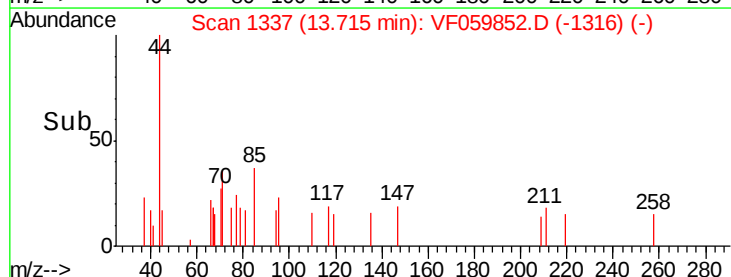
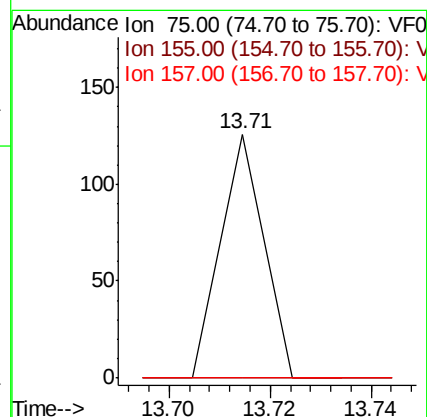
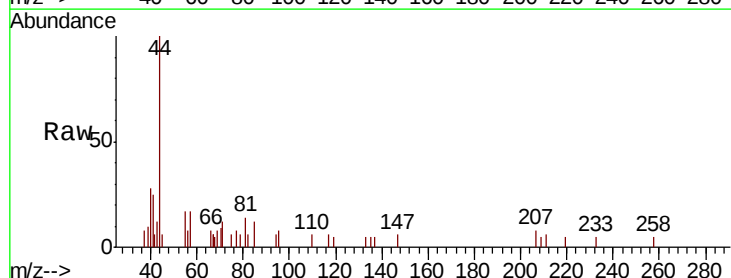
Tgt Ion: 75 Resp: 75

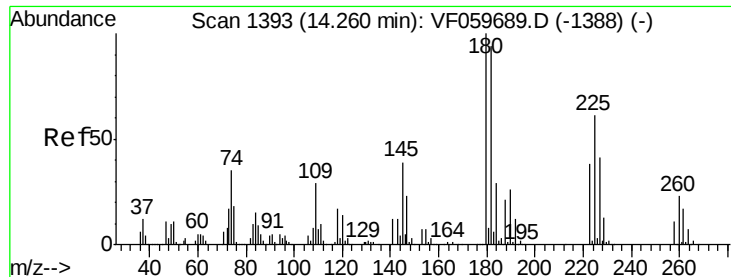
Ion Ratio Lower Upper

75 100

155 0.0 35.4 106.2#

157 0.0 44.4 133.2#

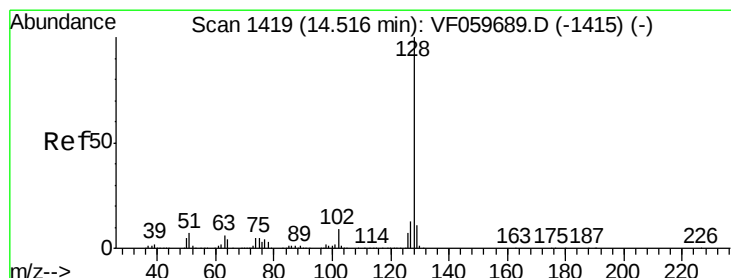
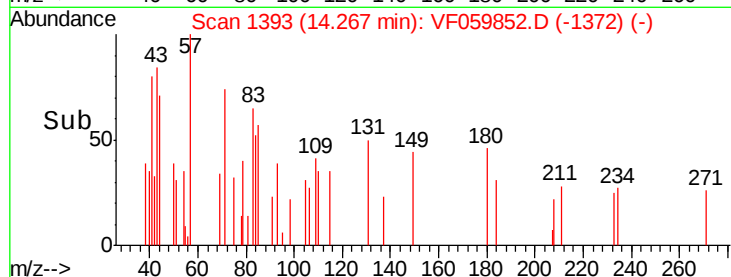
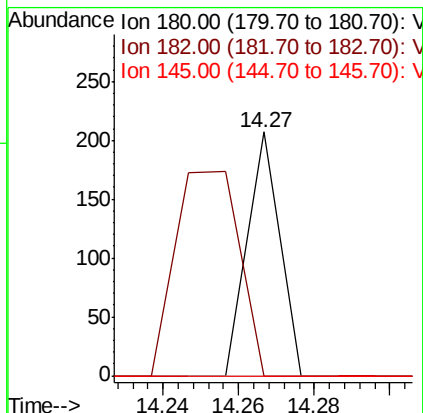
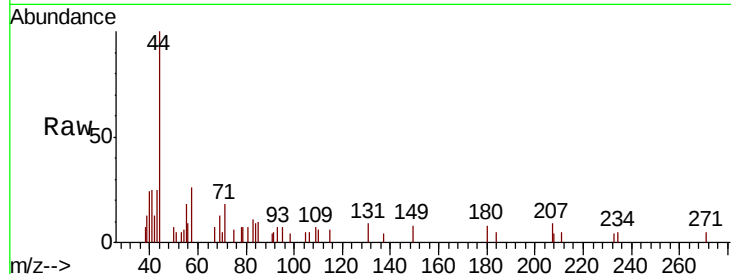




#93
 1,2,4-Trichlorobenzene
 Concen: Below Cal
 RT: 14.27 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: VF059852.D
 Acq: 3 Aug 2018 21:24

Instrument :
 MSVOA_F
 ClientSampled :
 KG-PIT-6

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



#95
 Naphthalene
 Concen: 5.51 ug/l
 RT: 14.52 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: VF059852.D
 Acq: 3 Aug 2018 21:24

Tgt Ion	Ratio	Lower	Upper
128	100		
127	31.5	10.0	15.0#
129	0.0	8.6	13.0#

