

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD062001.D
 Acq On : 24 Apr 2019 16:51
 Operator : VA/AP
 Sample : K2540-02RE
 Misc : 4.70µl/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-03-007-ARE

Quant Time: Apr 25 09:43:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	383349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	648001	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	523213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	176296	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	157504	52.50	ug/l	0.00
Spiked Amount			Recovery	=	105.00%	
35) Dibromofluoromethane	7.05	113	181	0.04	ug/l	0.12
Spiked Amount			Recovery	=	0.08%	
50) Toluene-d8	10.42	98	464207	43.53	ug/l	0.00
Spiked Amount			Recovery	=	87.06%	
62) 4-Bromofluorobenzene	13.56	95	174263	40.74	ug/l	0.00
Spiked Amount			Recovery	=	81.48%	

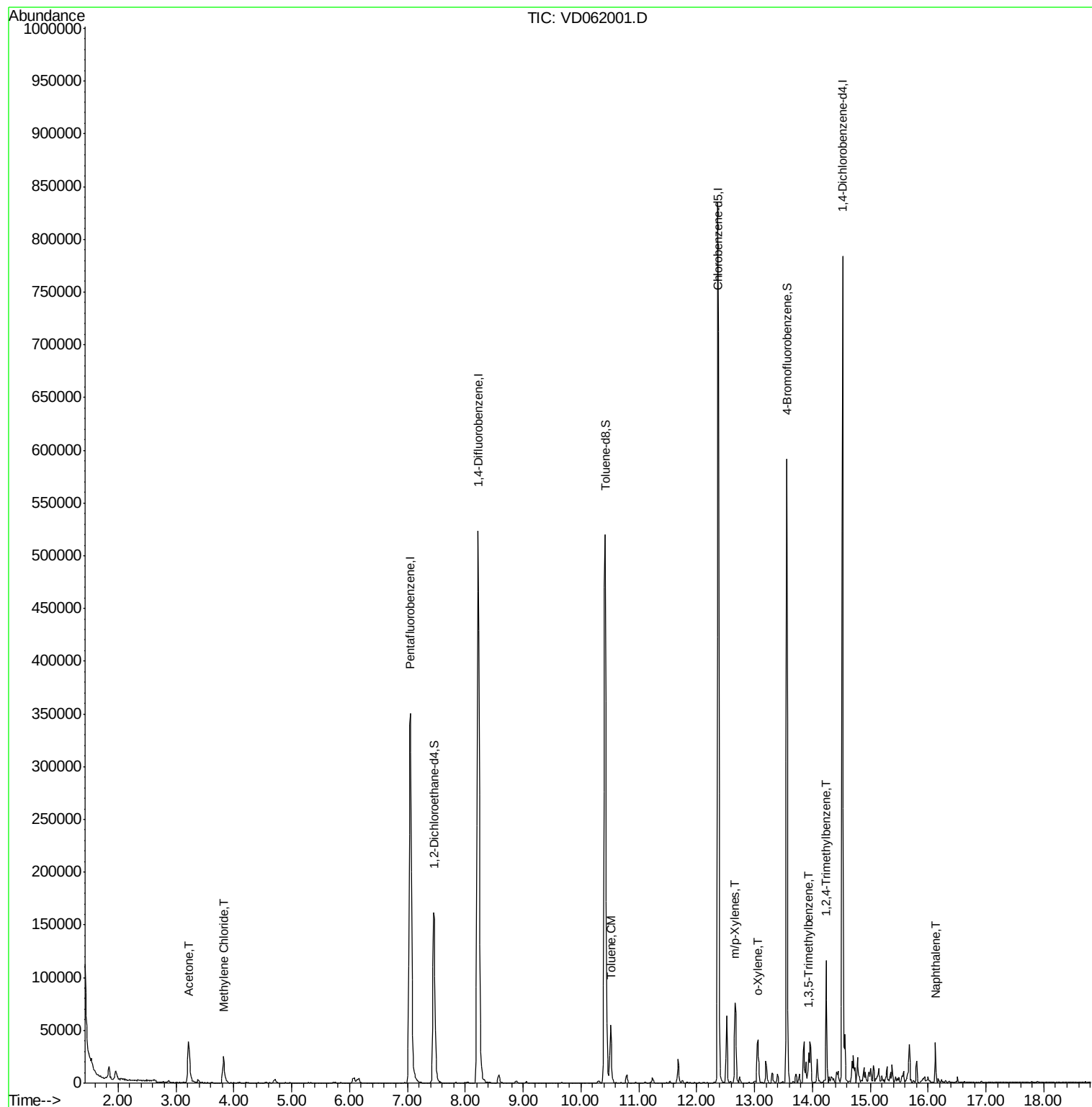
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.22	43	79407	110.844	ug/l	96
20) Methylene Chloride	3.82	84	18497	2.259	ug/l	94
52) Toluene	10.52	92	29654	3.721	ug/l	93
68) m/p-Xylenes	12.66	106	26375	4.522	ug/l	94
69) o-Xylene	13.06	106	10893	2.041	ug/l	91
80) 1,3,5-Trimethylbenzene	13.93	105	14887	1.588	ug/l	92
84) 1,2,4-Trimethylbenzene	14.24	105	51723	5.777	ug/l	92
95) Naphthalene	16.13	128	23489	5.533	ug/l	99

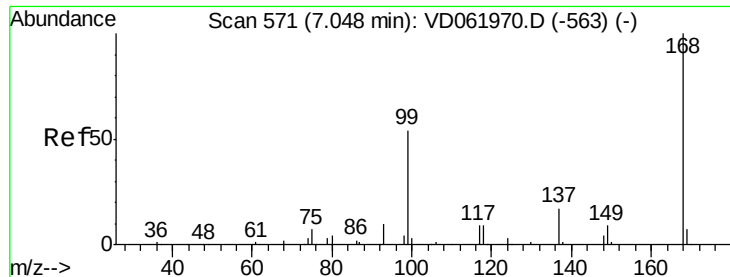
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.00 min

Lab File: VD062001.D

Acq: 24 Apr 2019 16:51

Instrument :

MSVOA_D

ClientSampleId :

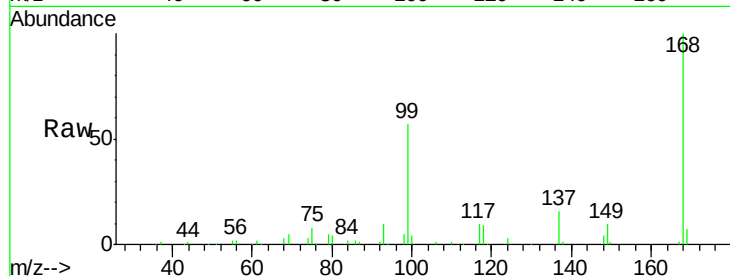
FK-SF-03-007-ARE

Tot Ion:168 Resp: 383349

Ion Ratio Lower Upper

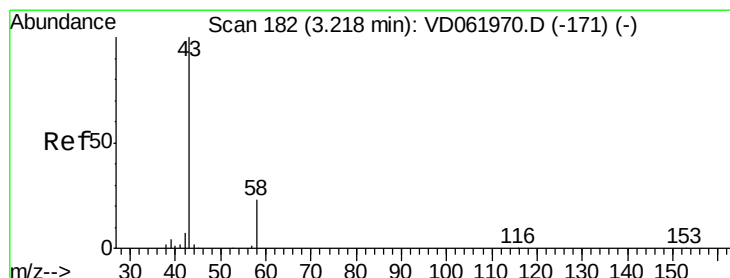
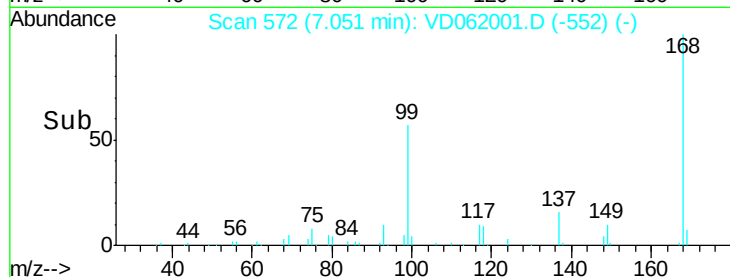
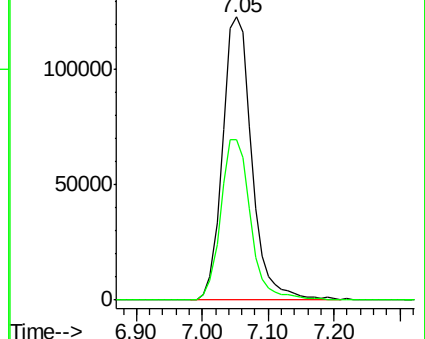
168 100

99 56.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 110.844 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062001.D

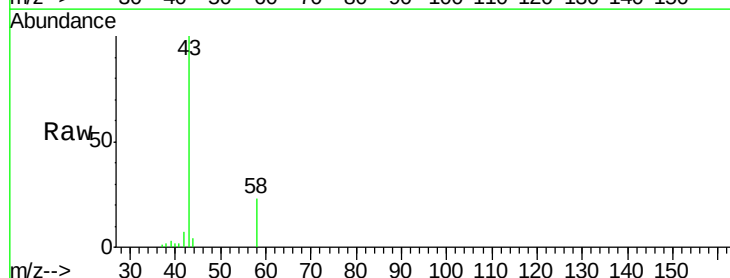
Acq: 24 Apr 2019 16:51

Tgt Ion: 43 Resp: 79407

Ion Ratio Lower Upper

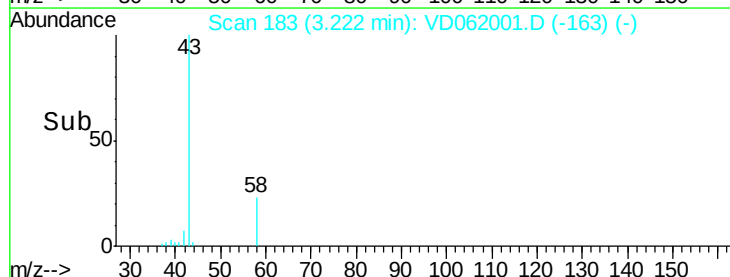
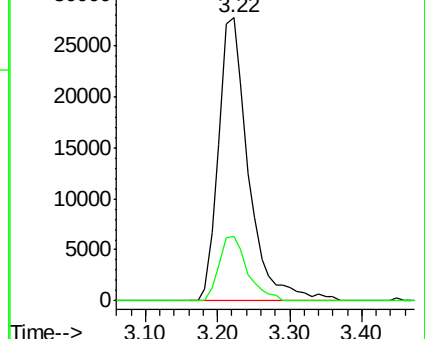
43 100

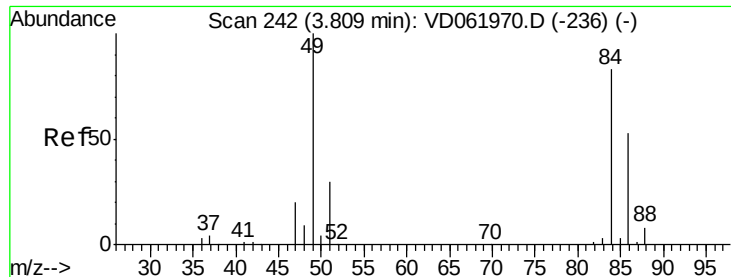
58 22.8 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

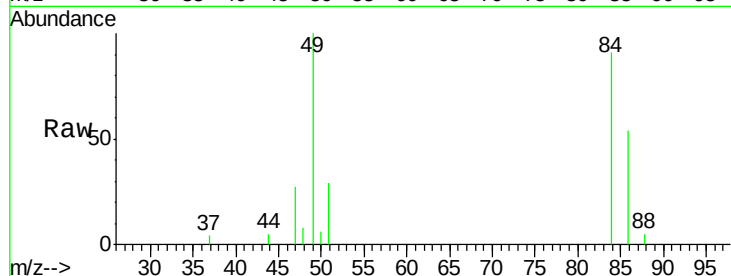




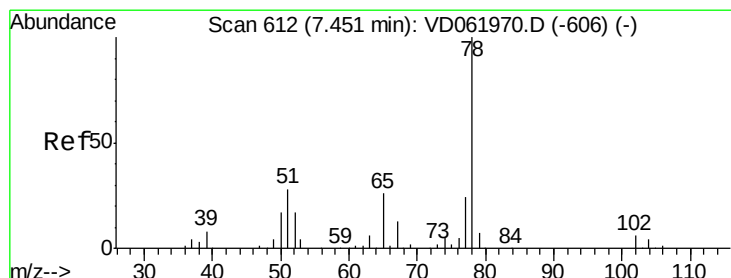
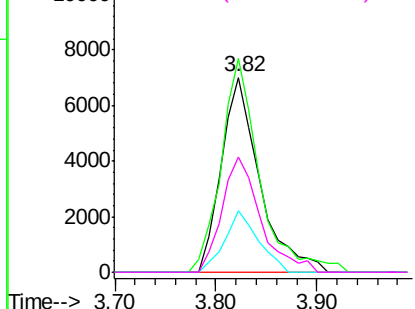
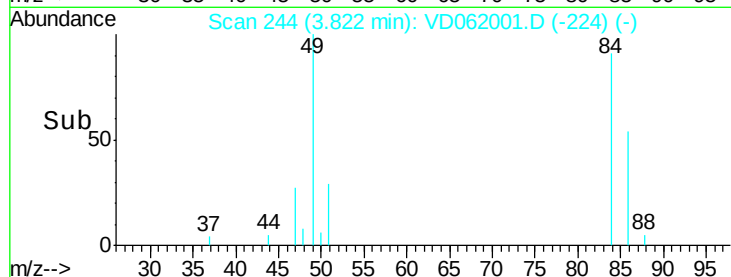
#20
Methylene Chloride
Concen: 2.259 ug/l
RT: 3.82 min Scan# 244
Delta R.T. -0.00 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-007-ARE

Tot Ion: 84 Resp: 18497
Ion Ratio Lower Upper
84 100
49 109.7 94.0 141.0
51 31.4 29.0 43.4
86 59.1 49.8 74.6

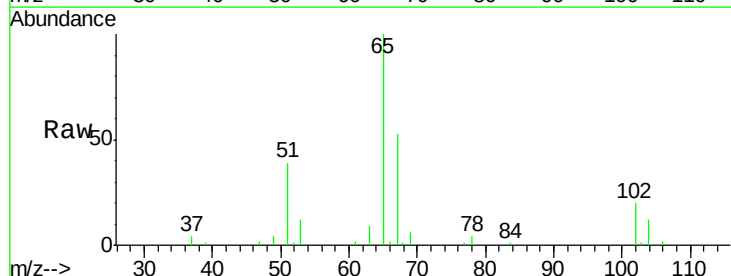


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

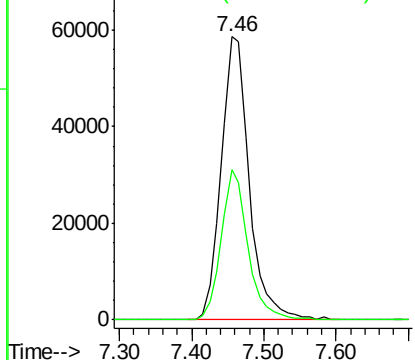
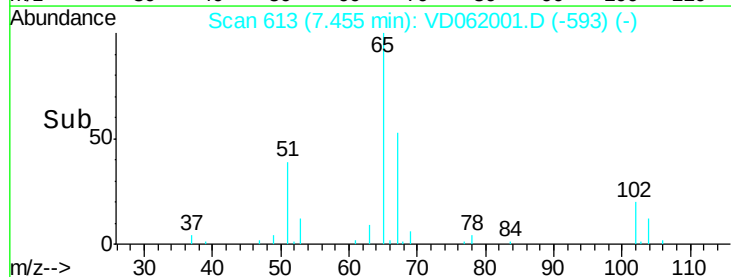


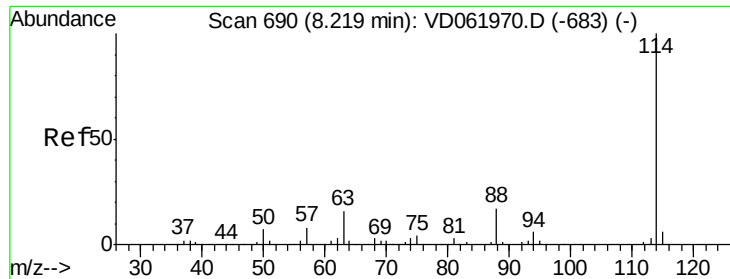
#33
1,2-Dichloroethane-d4
Concen: 52.496 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.00 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Tgt Ion: 65 Resp: 157504
Ion Ratio Lower Upper
65 100
67 52.9 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

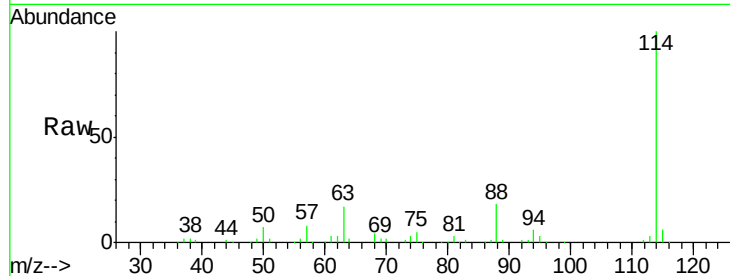




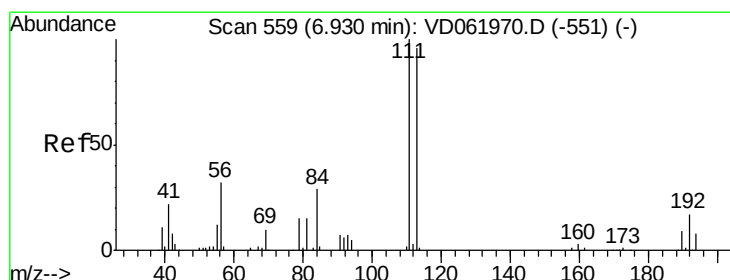
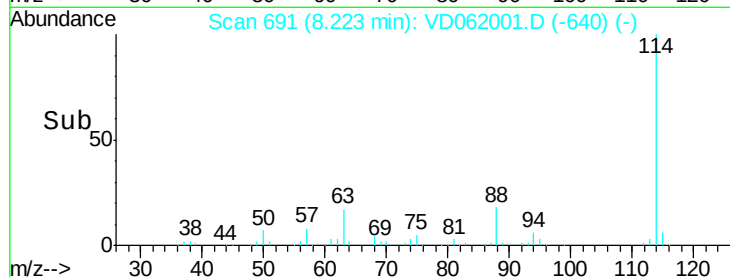
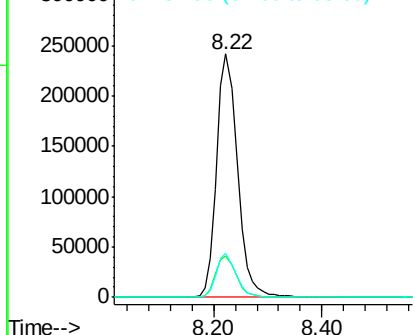
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 691
Delta R.T. -0.00 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-007-ARE

Tot Ion:114 Resp: 648001
Ion Ratio Lower Upper
114 100
63 16.8 0.0 32.4
88 18.1 0.0 33.6

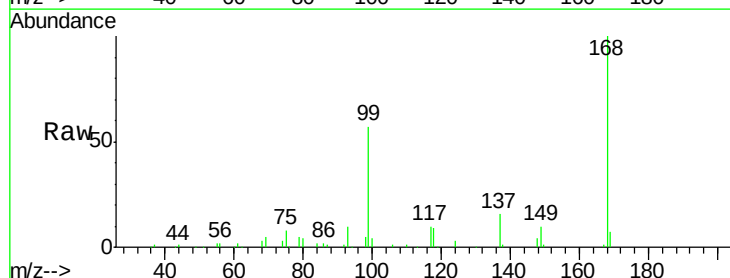


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

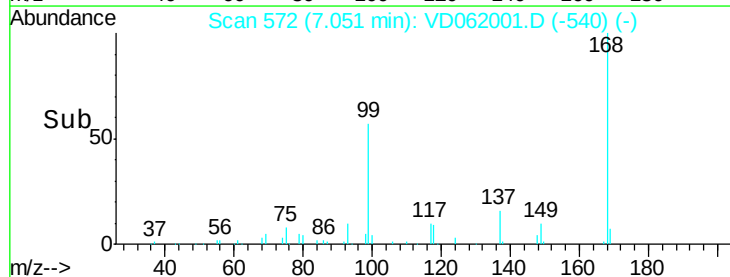
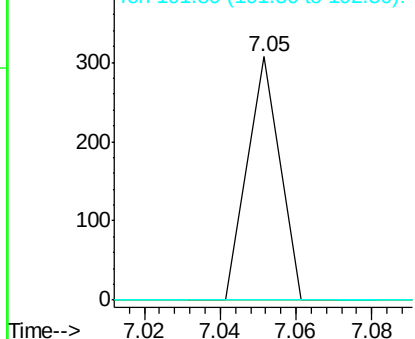


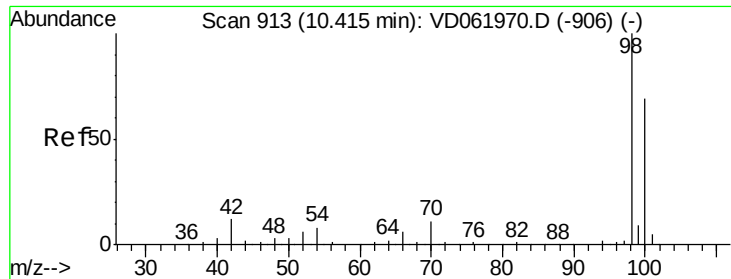
#35
Dibromofluoromethane
Concen: 0.040 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.12 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Tgt Ion:113 Resp: 181
Ion Ratio Lower Upper
113 100
111 0.0 78.5 117.7#
192 0.0 13.0 19.4#



Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

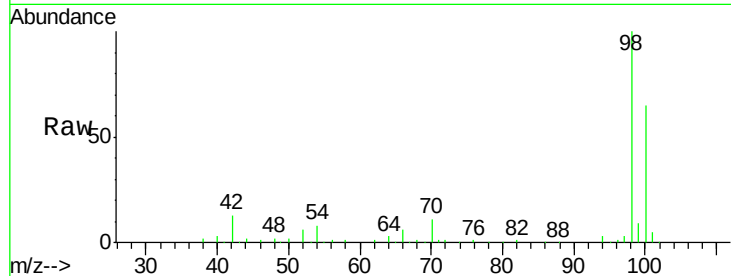




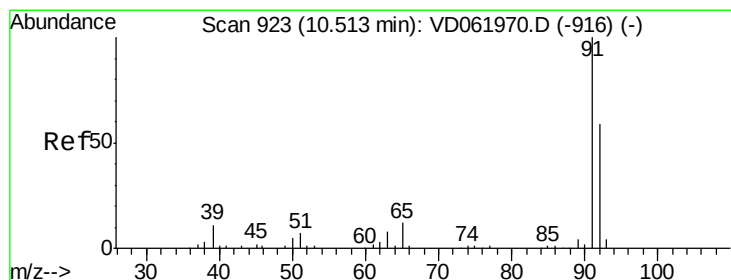
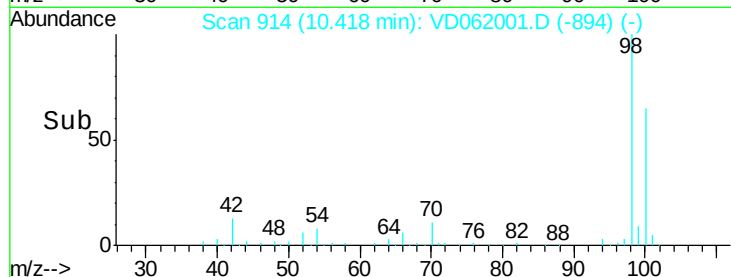
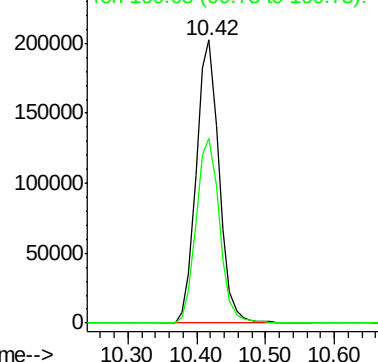
#50
Toluene-d8
Concen: 43.531 ug/l
RT: 10.42 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-007-ARE

Tot Ion: 98 Resp: 464207
Ion Ratio Lower Upper
98 100
100 65.2 53.8 80.8

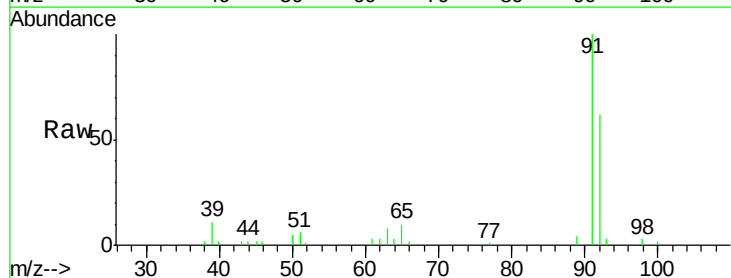


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

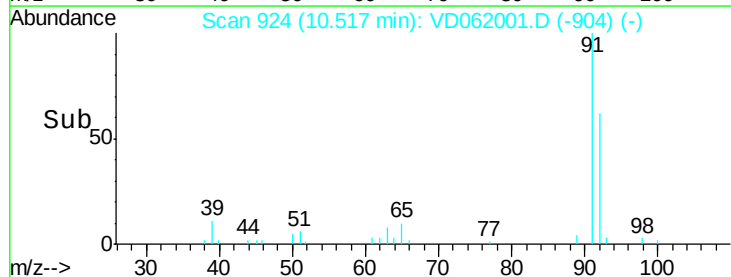
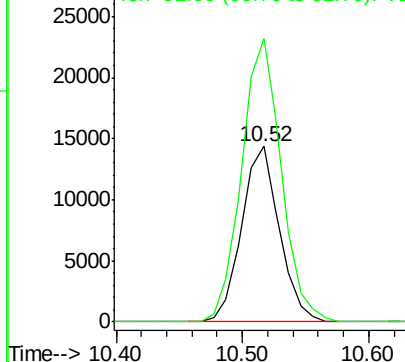


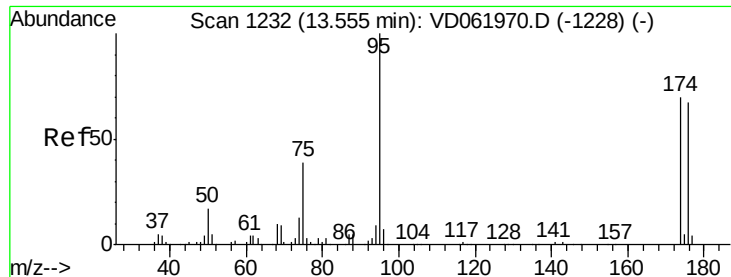
#52
Toluene
Concen: 3.721 ug/l
RT: 10.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Tgt Ion: 92 Resp: 29654
Ion Ratio Lower Upper
92 100
91 161.3 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: 40.742 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VD062001.D

Acq: 24 Apr 2019 16:51

Instrument :

MSVOA_D

ClientSampleId :

FK-SF-03-007-ARE

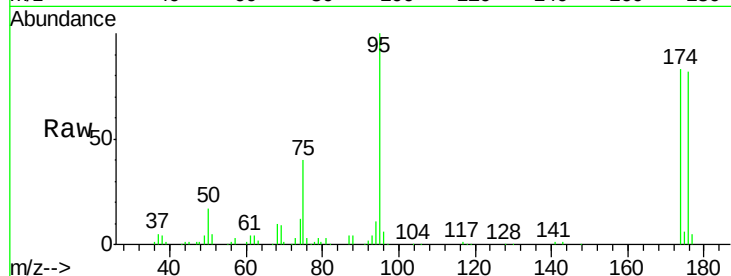
Tot Ion: 95 Resp: 174263

Ion Ratio Lower Upper

95 100

174 82.9 0.0 181.8

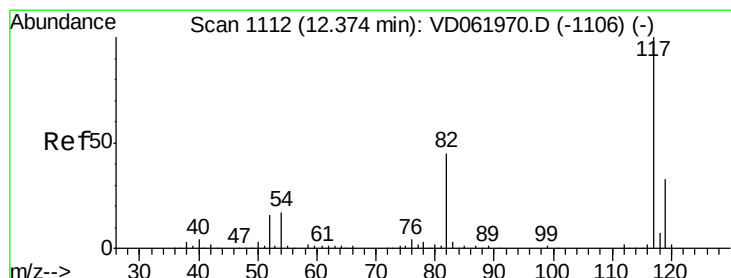
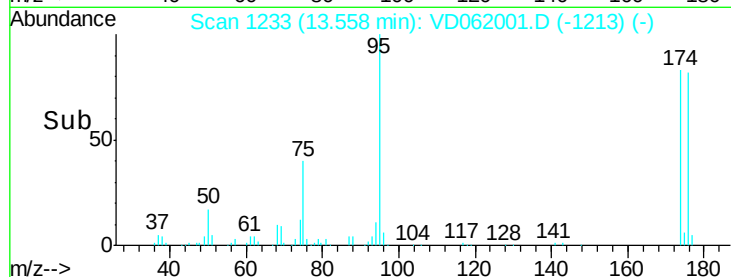
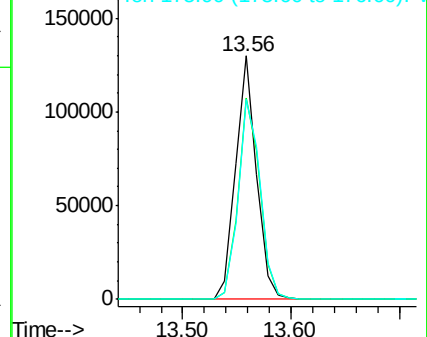
176 82.3 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD062001.D

Acq: 24 Apr 2019 16:51

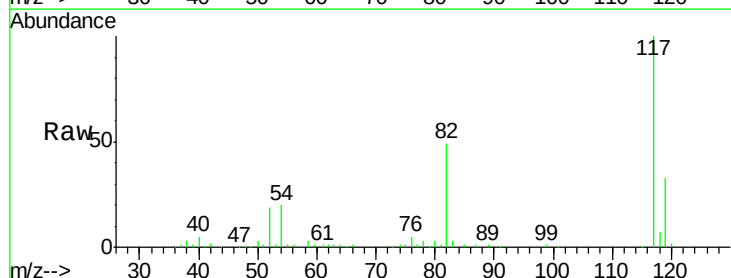
Tgt Ion: 117 Resp: 523213

Ion Ratio Lower Upper

117 100

82 48.8 36.2 54.2

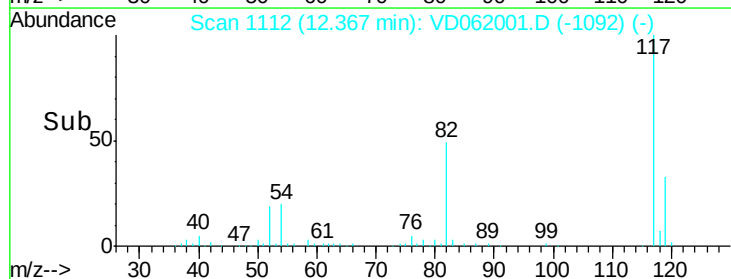
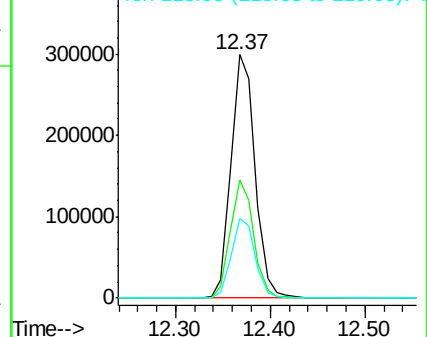
119 32.7 26.2 39.4

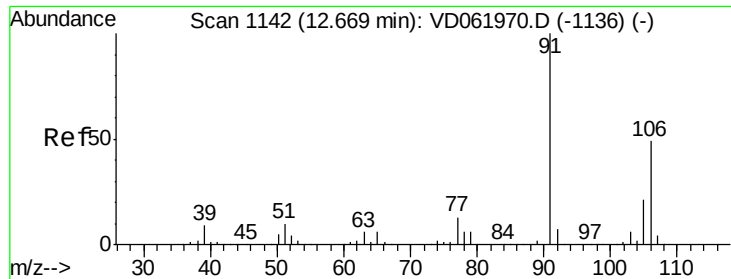


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#68

m/p-Xylenes

Concen: 4.522 ug/l

RT: 12.66 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VD062001.D

Acq: 24 Apr 2019 16:51

Instrument :

MSVOA_D

ClientSampleId :

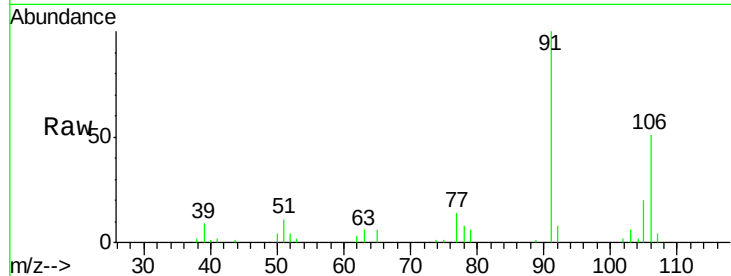
FK-SF-03-007-ARE

Tot Ion:106 Resp: 26375

Ion Ratio Lower Upper

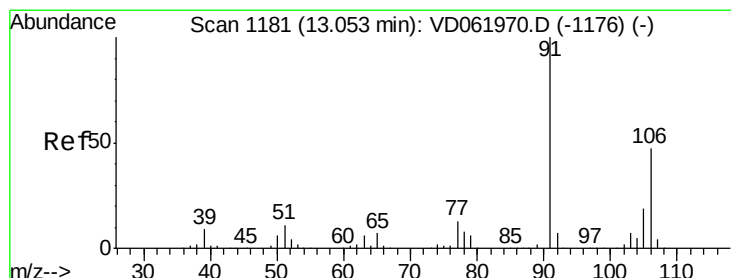
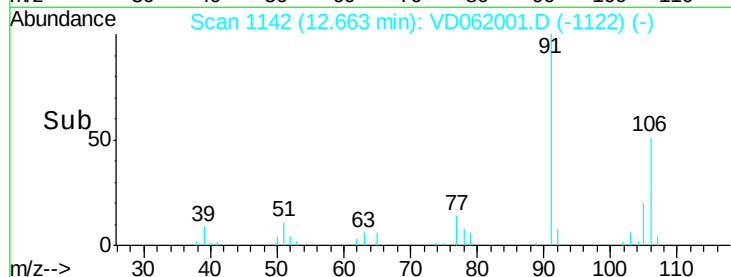
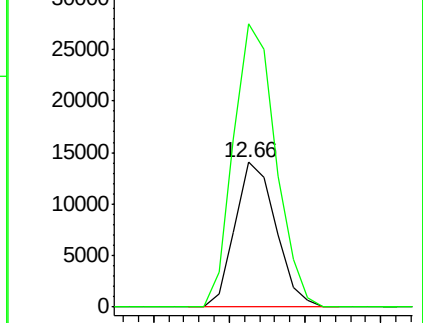
106 100

91 195.5 164.0 246.0



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): VDC



#69

o-Xylene

Concen: 2.041 ug/l

RT: 13.06 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VD062001.D

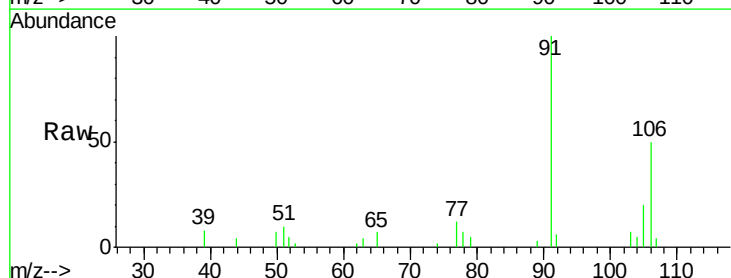
Acq: 24 Apr 2019 16:51

Tgt Ion:106 Resp: 10893

Ion Ratio Lower Upper

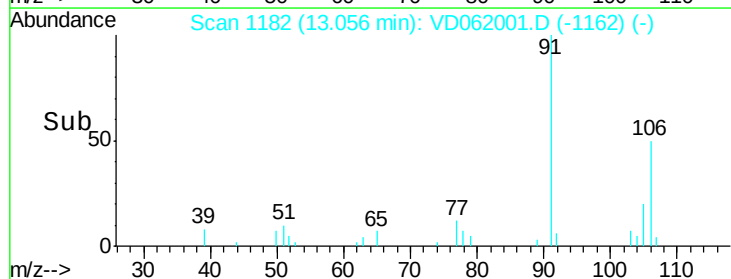
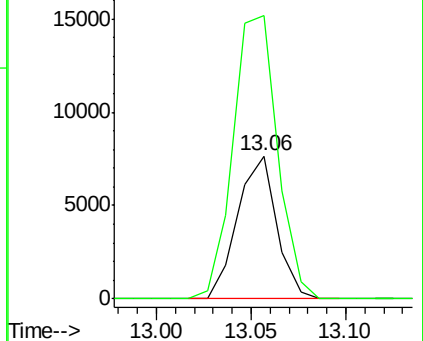
106 100

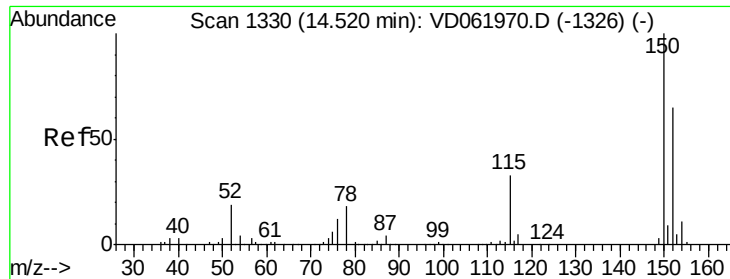
91 198.4 106.7 319.9



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): VDC



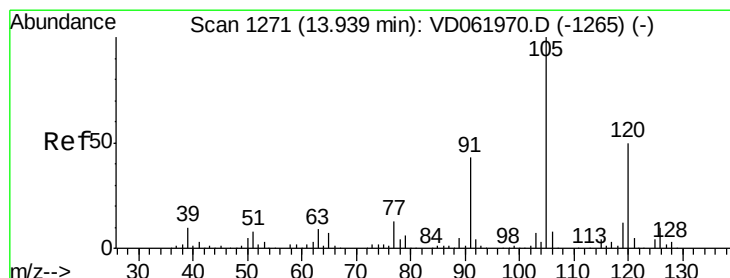
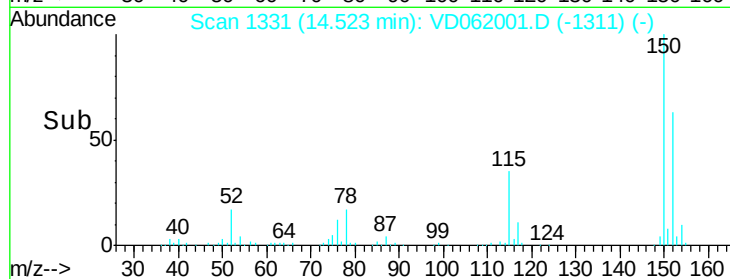
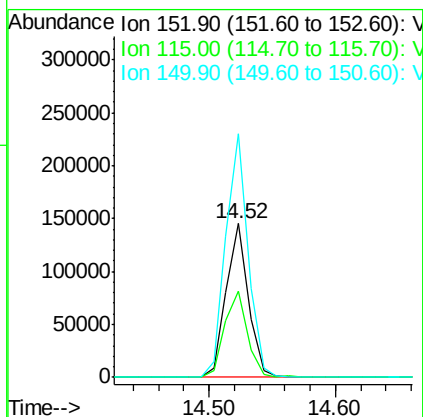
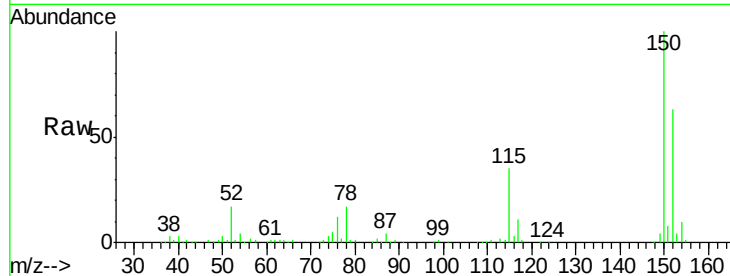


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.00 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Instrument :
MSVOA_D
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FK-SF-03-007-ARE

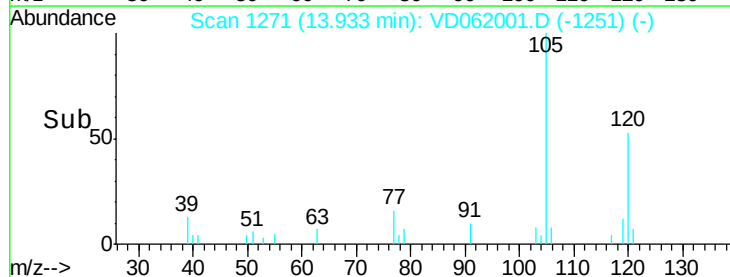
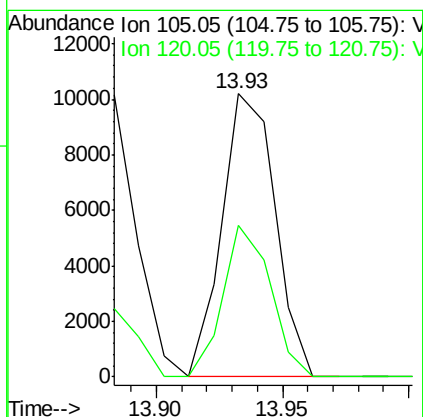
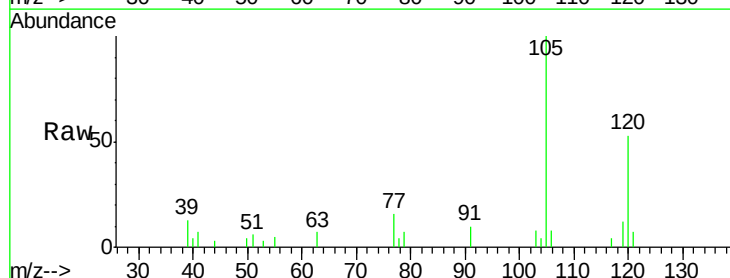
Tot Ion:152 Resp: 176296
Ion Ratio Lower Upper
152 100
115 55.6 30.9 92.7
150 158.3 0.0 314.8

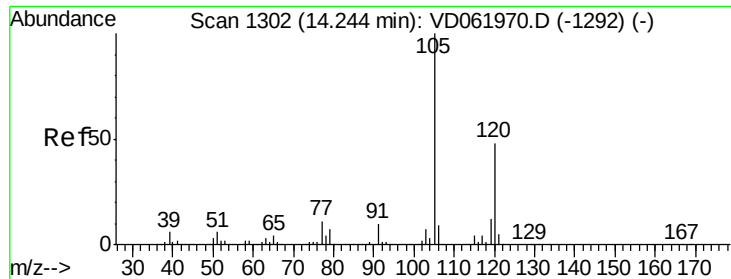


#80

1,3,5-Trimethylbenzene
Concen: 1.588 ug/l
RT: 13.93 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Tgt Ion:105 Resp: 14887
Ion Ratio Lower Upper
105 100
120 53.4 24.0 72.0

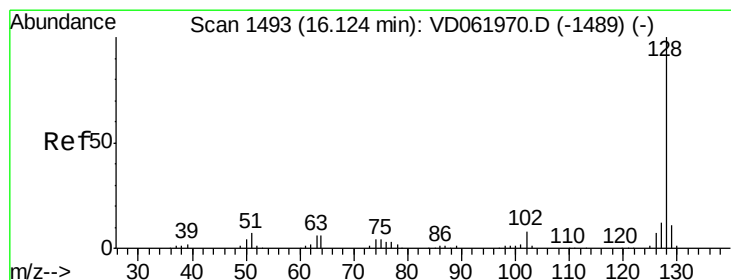
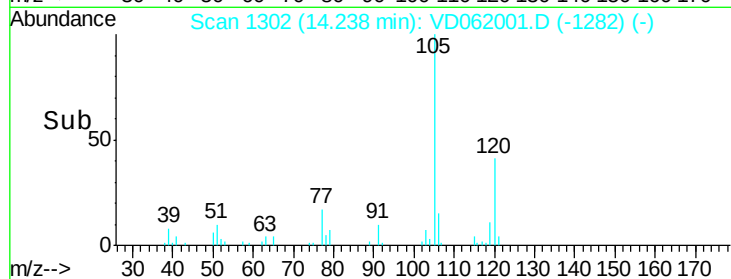
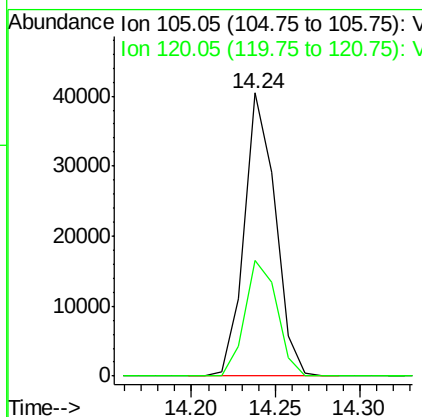
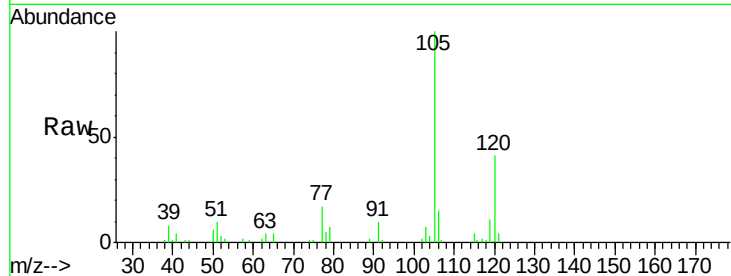




#84
 1,2,4-Trimethylbenzene
 Concen: 5.777 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VD062001.D
 Acq: 24 Apr 2019 16:51

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-03-007-ARE

Tot Ion:105 Resp: 51723
 Ion Ratio Lower Upper
 105 100
 120 41.0 23.1 69.2



#95
 Naphthalene
 Concen: 5.533 ug/l
 RT: 16.13 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: VD062001.D
 Acq: 24 Apr 2019 16:51

Tgt Ion:128 Resp: 23489
 Ion Ratio Lower Upper
 128 100
 127 11.9 9.8 14.8
 129 10.7 8.8 13.2

