

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062292.D
 Acq On : 13 May 2019 7:55
 Operator : FY/SY
 Sample : K2771-02
 Misc : 4.92g/5mL/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-047

Quant Time: May 13 08:37:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

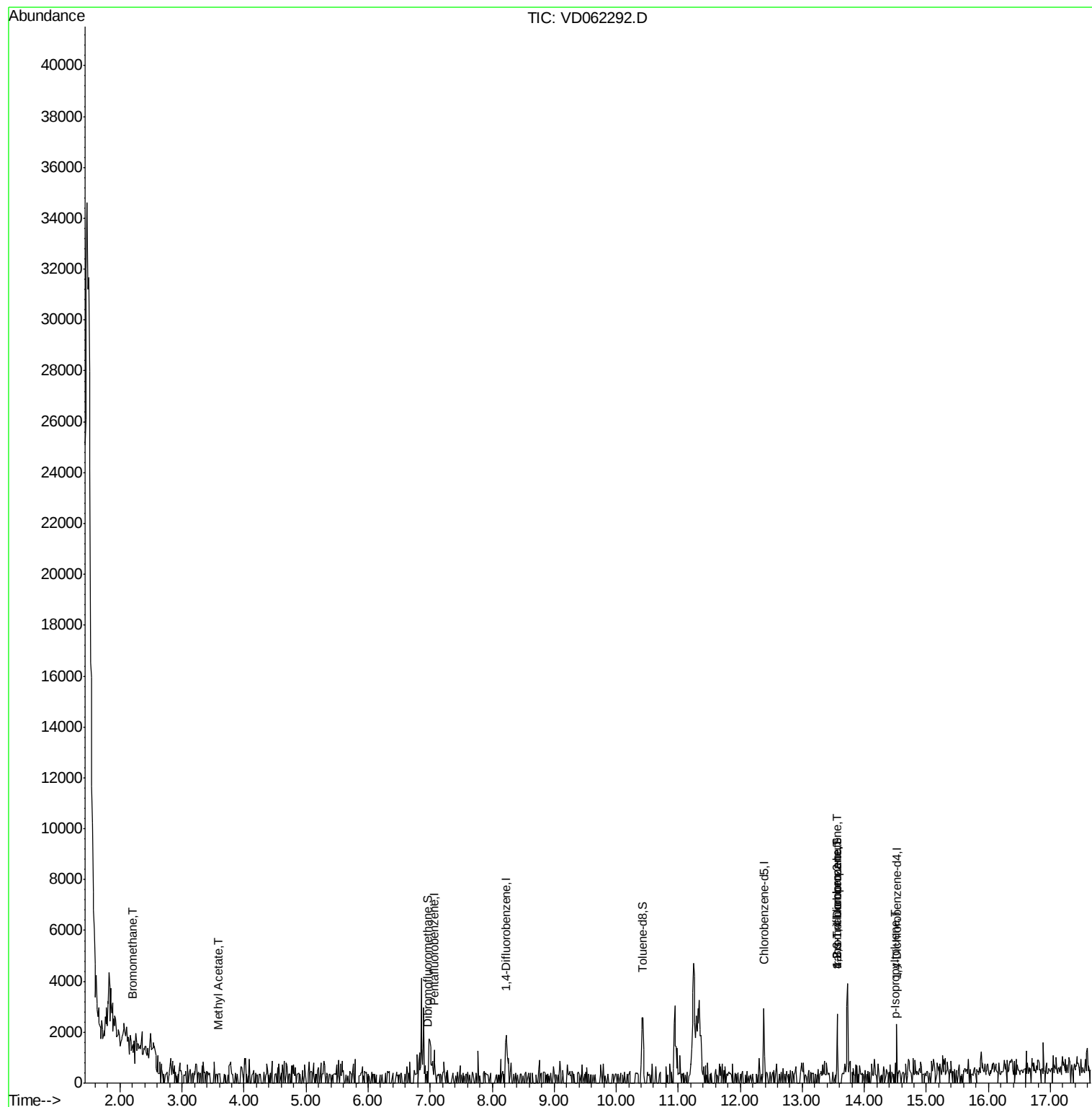
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	777	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	3288	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	1821	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	554	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	6.96	113	277	10.15	ug/l	0.06
Spiked Amount	50.000		Recovery	=	20.30%	
50) Toluene-d8	10.42	98	2949	44.83	ug/l	0.02
Spiked Amount	50.000		Recovery	=	89.66%	
62) 4-Bromofluorobenzene	13.56	95	1018	38.54	ug/l	0.01
Spiked Amount	50.000		Recovery	=	77.08%	
Target Compounds						
5) Bromomethane	2.19	94	180	145.567	ug/l #	12
18) Methyl Acetate	3.59	43	215	79.566	ug/l #	53
76) 1,2,3-Trichloropropane	13.56	75	417	63.337	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.56	75	417	224.356	ug/l #	16
86) p-Isopropyltoluene	14.50	119	222	7.210	ug/l #	52

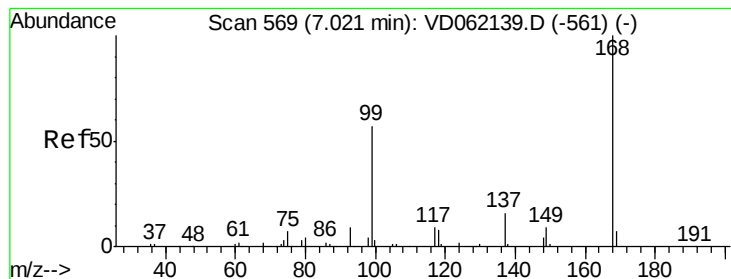
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051219\
Data File : VD062292.D
Acq On : 13 May 2019 7:55
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FK-PS-01-047

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD062292.D

Acq: 13 May 2019 7:55

Instrument :

MSVOA_D

ClientSampleId :

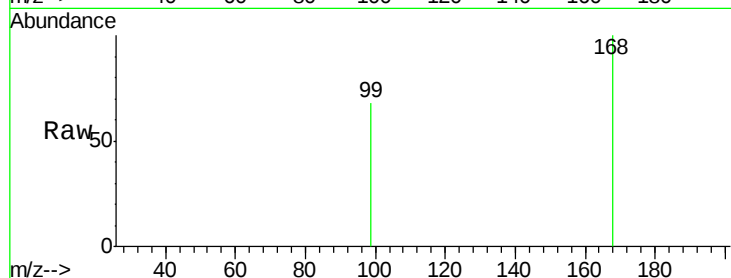
FK-PS-01-047

Tot Ion:168 Resp: 777

Ion Ratio Lower Upper

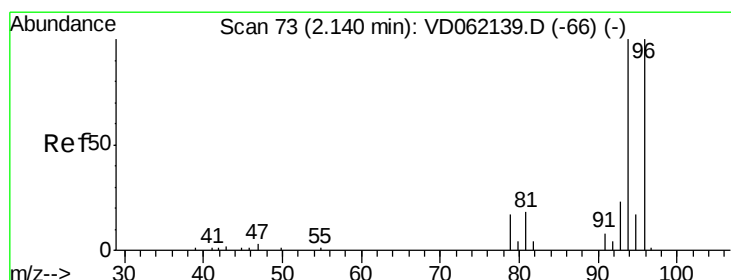
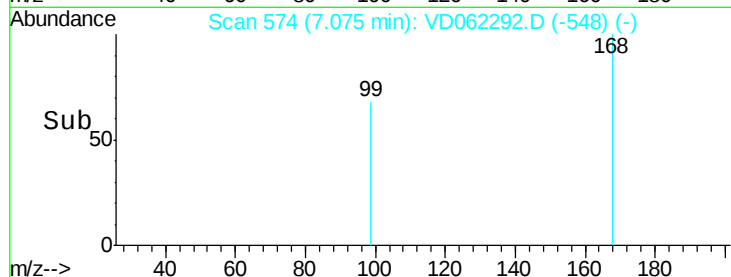
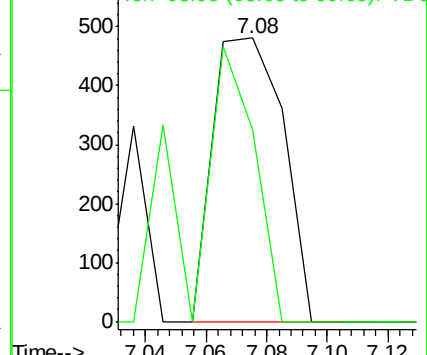
168 100

99 67.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 145.567 ug/l

RT: 2.19 min Scan# 78

Delta R.T. 0.05 min

Lab File: VD062292.D

Acq: 13 May 2019 7:55

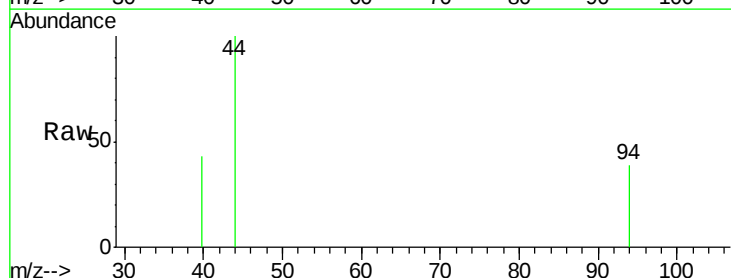
Tgt Ion: 94 Resp: 180

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

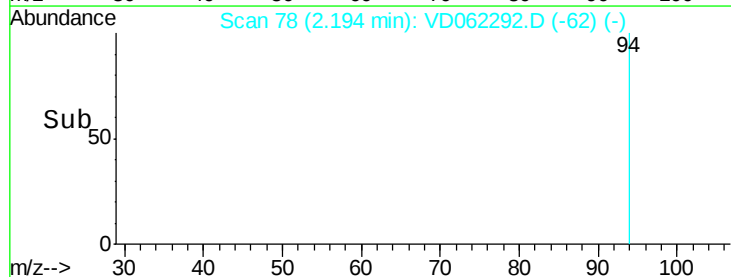
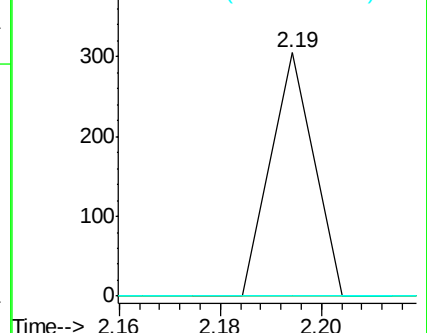
93 0.0 18.5 27.7#

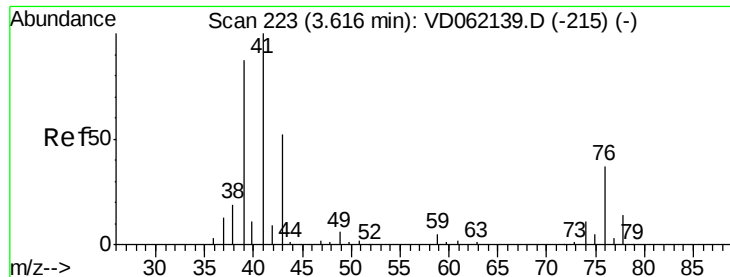


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#18

Methyl Acetate

Concen: 79.566 ug/l

RT: 3.59 min Scan# 220

Delta R.T. -0.02 min

Lab File: VD062292.D

Acq: 13 May 2019 7:55

Instrument :

MSVOA_D

ClientSampleId :

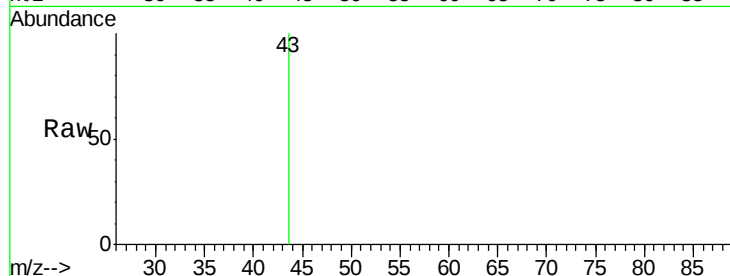
FK-PS-01-047

Tot Ion: 43 Resp: 215

Ion Ratio Lower Upper

43 100

74 0.0 18.0 27.0#



Abundance Ion 42.95 (42.65 to 43.65): VD062292.D

Ion 74.00 (73.70 to 74.70): VD062292.D

3.59

400

300

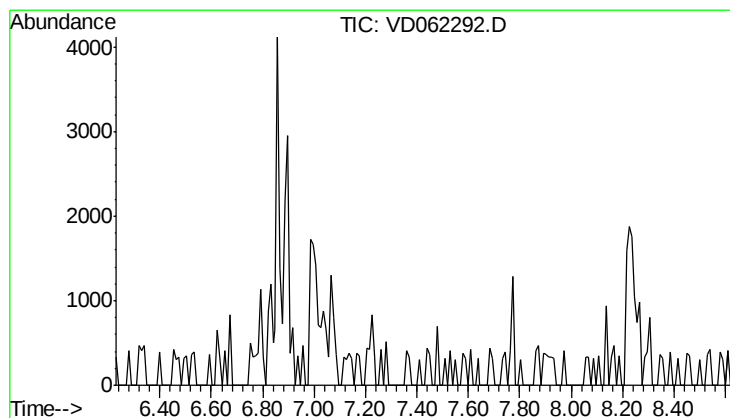
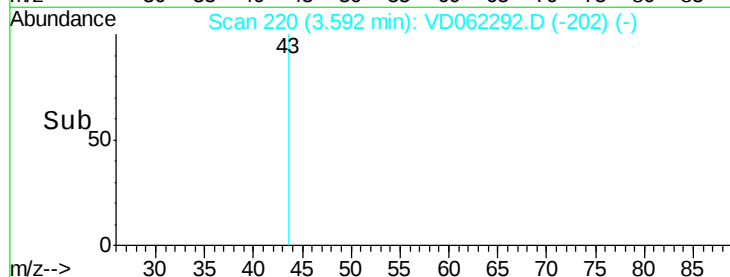
200

100

0

3.56 3.58 3.60 3.62

Time-->



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 7.42 min

Lab File: VD062292.D

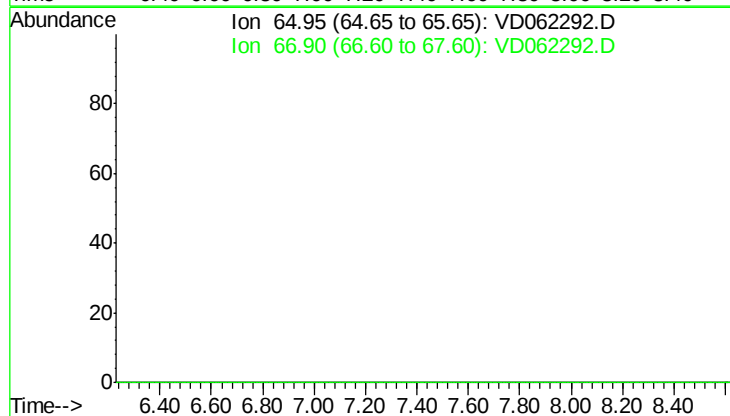
Acq: 13 May 2019 7:55

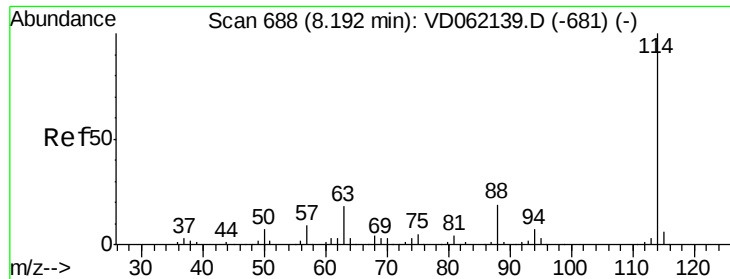
Tgt Ion: 65

Sig Exp Ratio

65 100

67 49.0

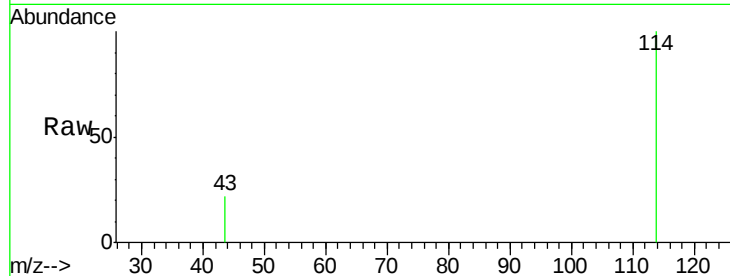




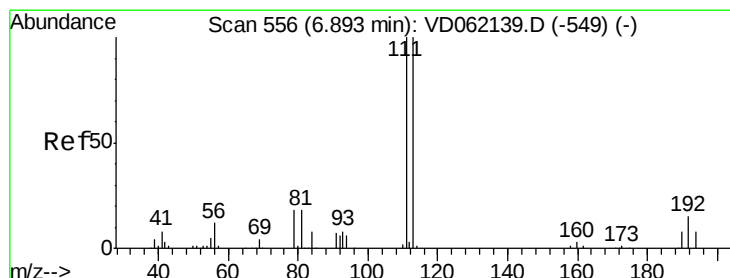
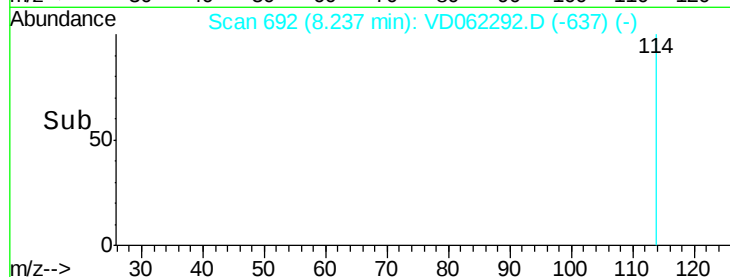
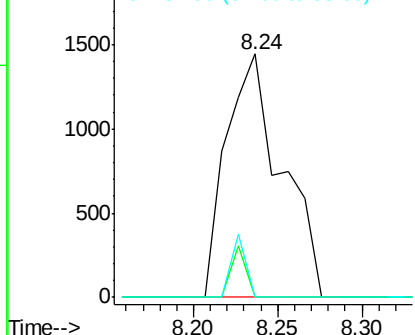
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062292.D
 Acq: 13 May 2019 7:55

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-047

Tot Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	32.4
88	0.0	0.0	33.6

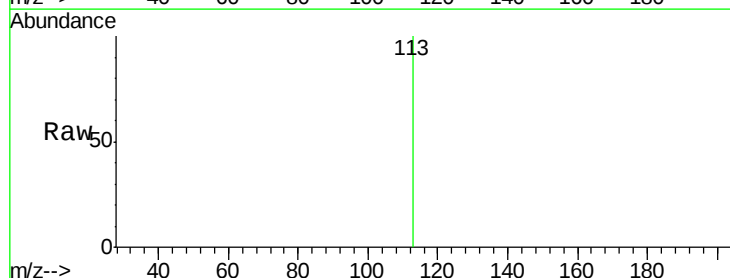


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

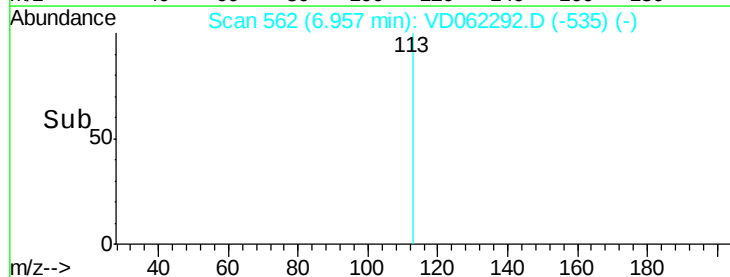
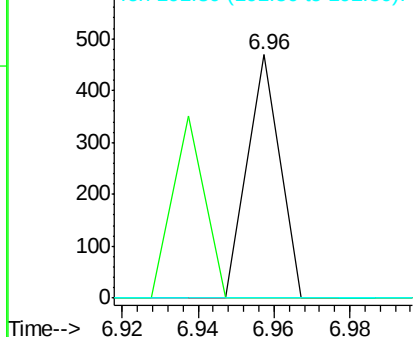


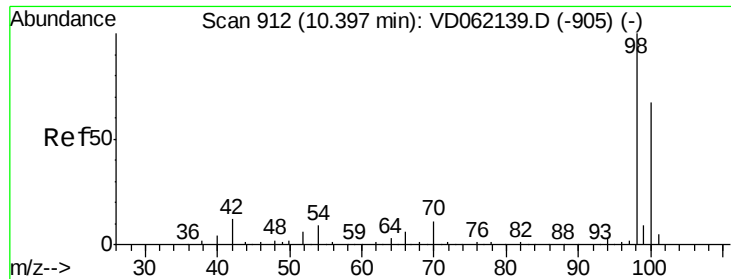
#35
 Dibromofluoromethane
 Concen: 10.154 ug/l
 RT: 6.96 min Scan# 562
 Delta R.T. 0.06 min
 Lab File: VD062292.D
 Acq: 13 May 2019 7:55

Tgt 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: 44.834 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062292.D

Acq: 13 May 2019 7:55

Instrument :

MSVOA_D

ClientSampleId :

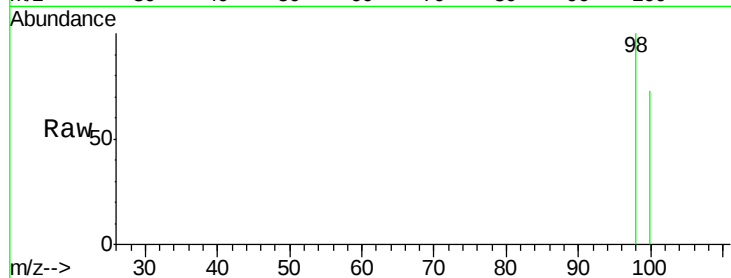
FK-PS-01-047

Tot Ion: 98 Resp: 2949

Ion Ratio Lower Upper

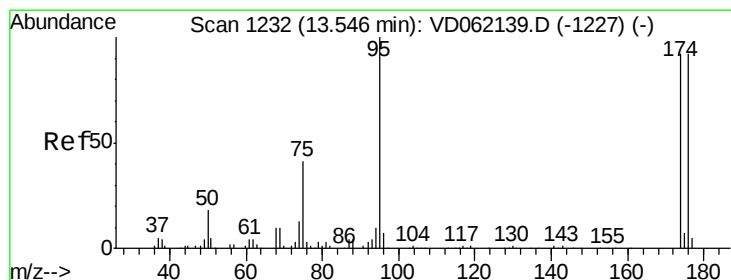
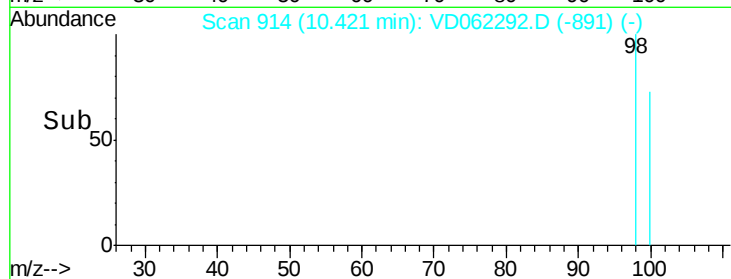
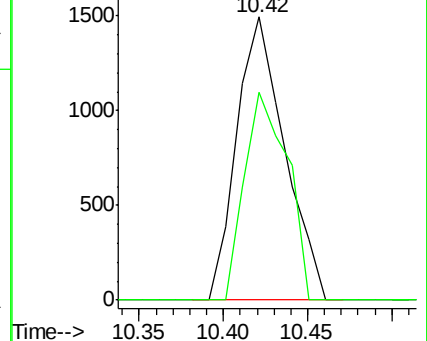
98 100

100 73.5 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 38.541 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062292.D

Acq: 13 May 2019 7:55

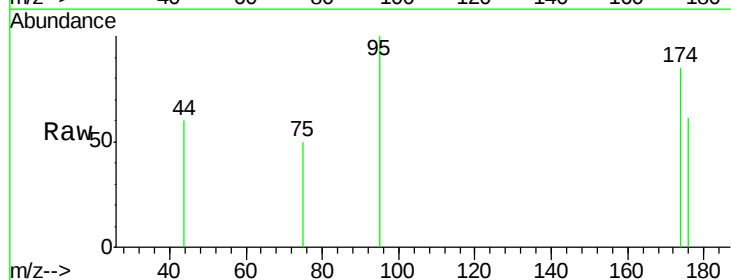
Tgt Ion: 95 Resp: 1018

Ion Ratio Lower Upper

95 100

174 85.4 0.0 181.8

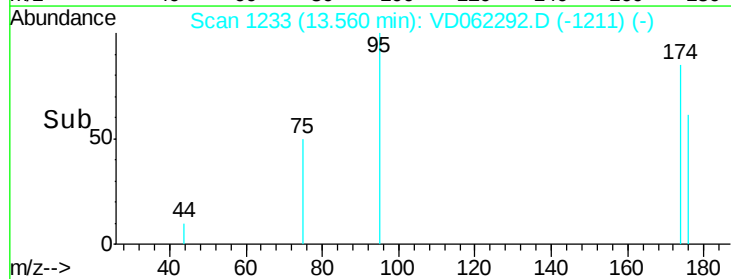
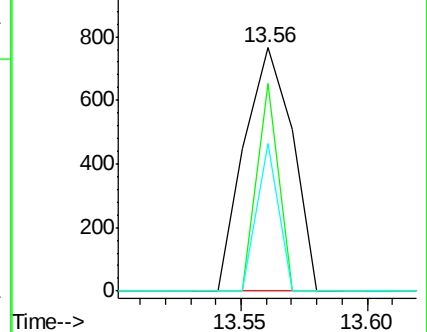
176 60.6 0.0 174.4

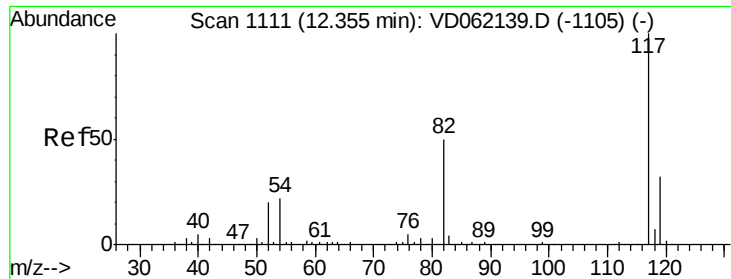


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

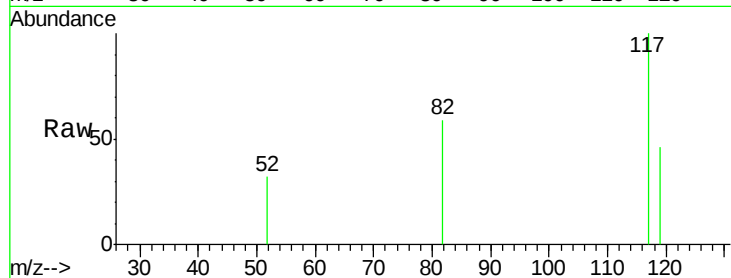




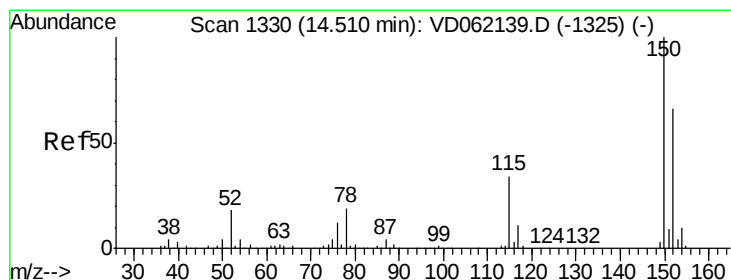
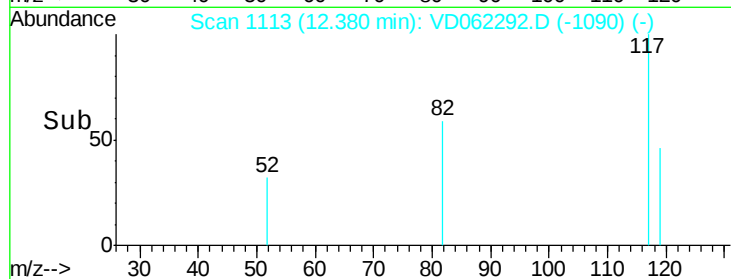
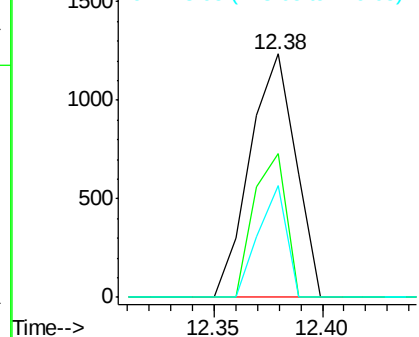
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062292.D
Acq: 13 May 2019 7:55

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-047

Tot Ion:117 Resp: 1821
Ion Ratio Lower Upper
117 100
82 59.1 36.2 54.2#
119 45.8 26.2 39.4#

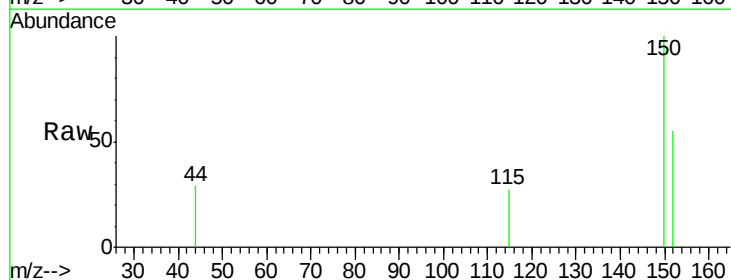


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

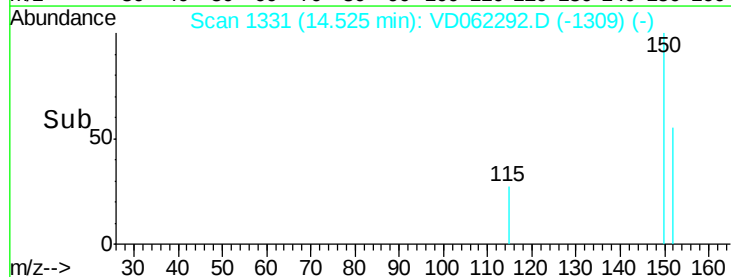
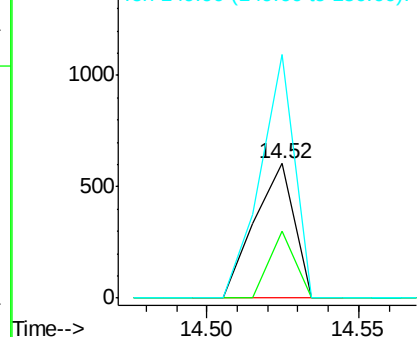


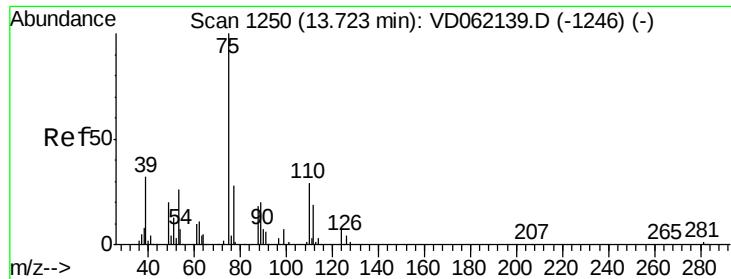
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062292.D
Acq: 13 May 2019 7:55

Tgt Ion:152 Resp: 554
Ion Ratio Lower Upper
152 100
115 49.7 30.9 92.7
150 181.1 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 63.337 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.16 min

Lab File: VD062292.D

Acq: 13 May 2019 7:55

Instrument :

MSVOA_D

ClientSampleId :

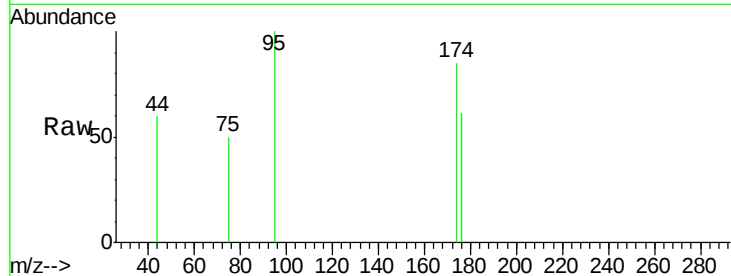
FK-PS-01-047

Tot Ion: 75 Resp: 417

Ion Ratio Lower Upper

75 100

77 0.0 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

13.56

400

300

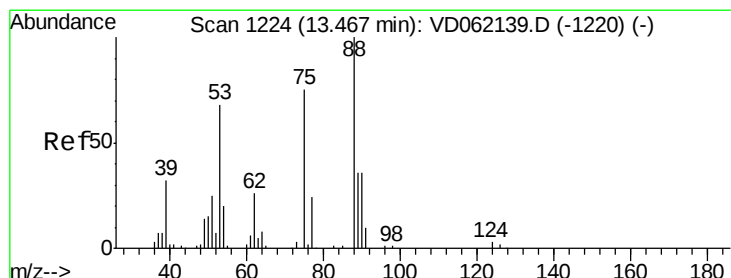
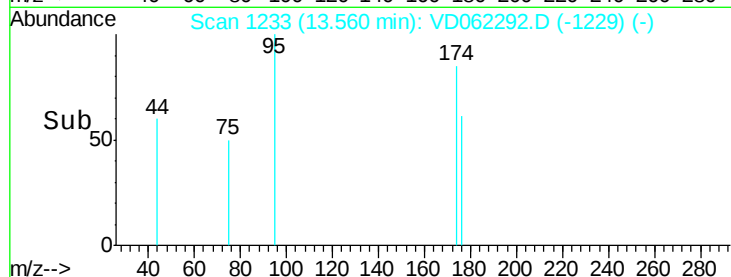
200

100

0

13.54 13.56 13.58 13.60

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 224.356 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062292.D

Acq: 13 May 2019 7:55

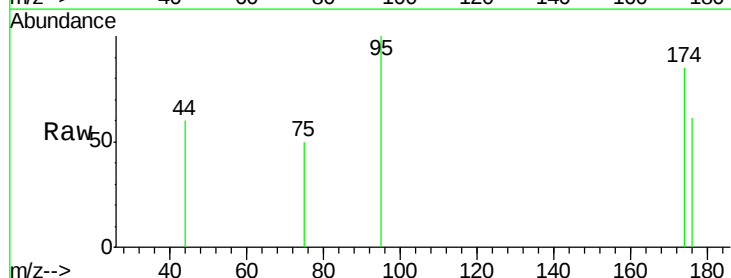
Tgt Ion: 75 Resp: 417

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

500

400

300

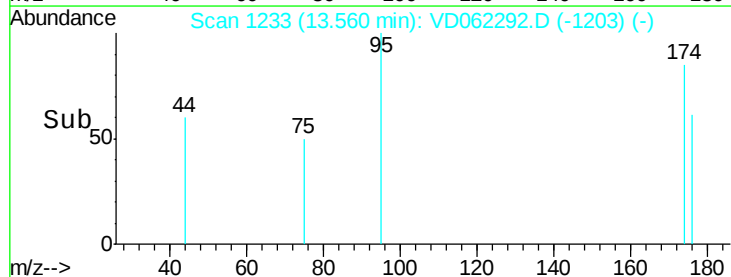
200

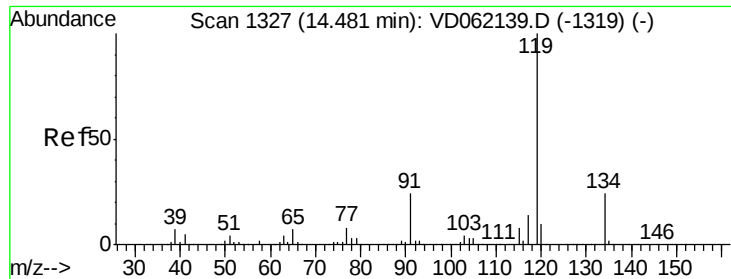
100

0

13.55 13.56 13.57 13.58 13.59 13.60

Time-->





#86
 p-Isopropyltoluene
 Concen: 7.210 ug/l
 RT: 14.50 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: VD062292.D
 Acq: 13 May 2019 7:55

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-047

Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.8	38.3#
91	0.0	10.7	32.1#

