

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052119\
 Data File : VD062479.D
 Acq On : 21 May 2019 14:22
 Operator : VA/AP
 Sample : K2962-07
 Misc : 7.13g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-3-4FT

Quant Time: May 22 02:02:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

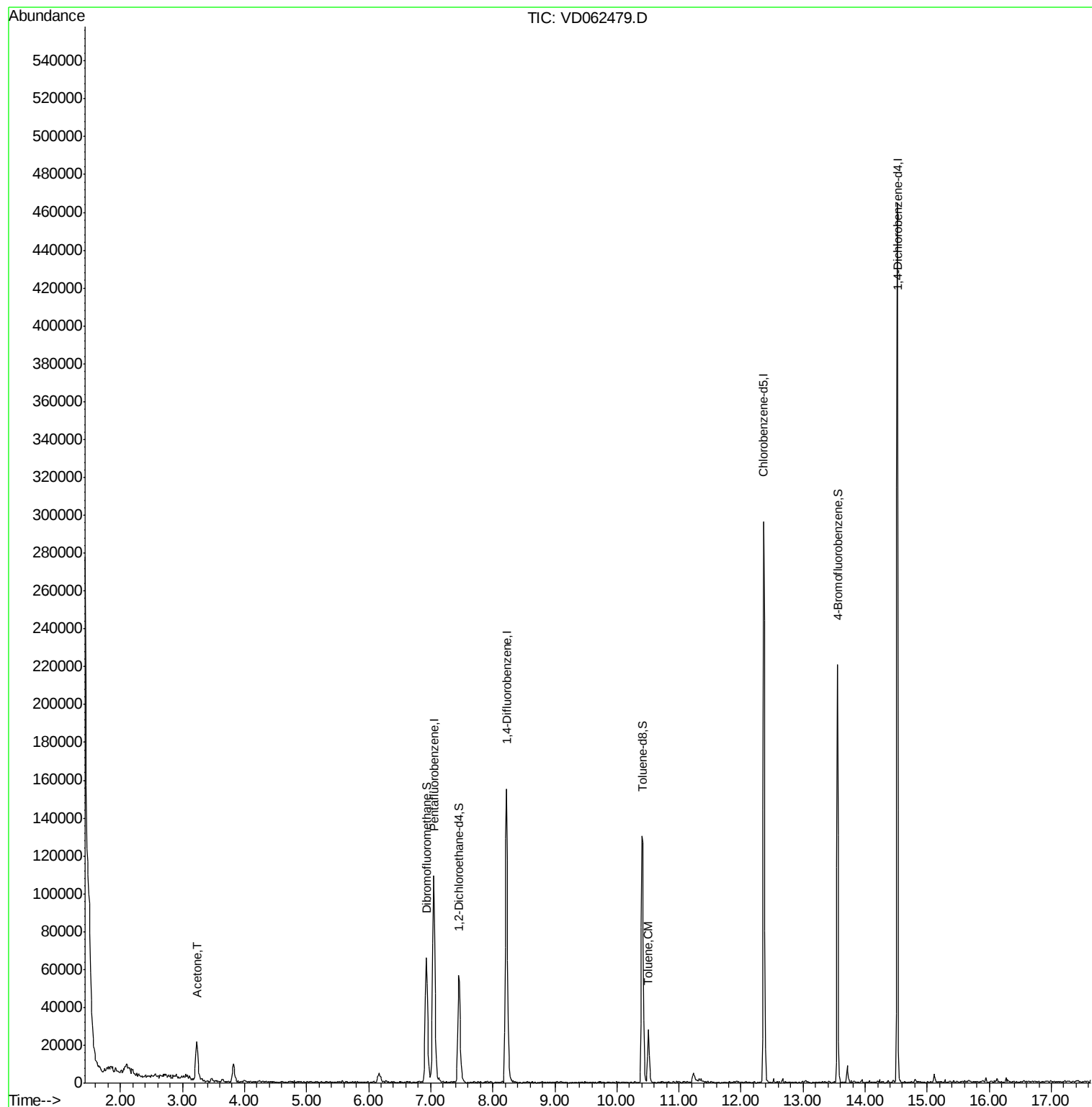
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	110500	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	166568	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	164647	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	100241	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	64613	54.63	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	109.26%	
35) Dibromofluoromethane	6.93	113	61818	41.14	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	82.28%	
50) Toluene-d8	10.41	98	114691	34.88	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	69.76%	
62) 4-Bromofluorobenzene	13.56	95	61029	42.43	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	84.86%	
Target Compounds						
16) Acetone	3.22	43	43470	205.085	ug/l #	72
52) Toluene	10.50	92	13237	6.190	ug/l	96

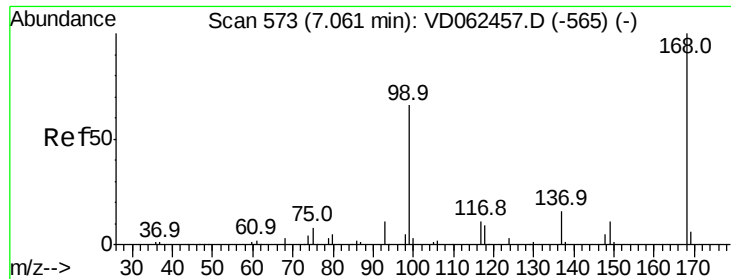
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.01 min

Lab File: VD062479.D

Acq: 21 May 2019 14:22

Instrument :

MSVOA_D

ClientSampleId :

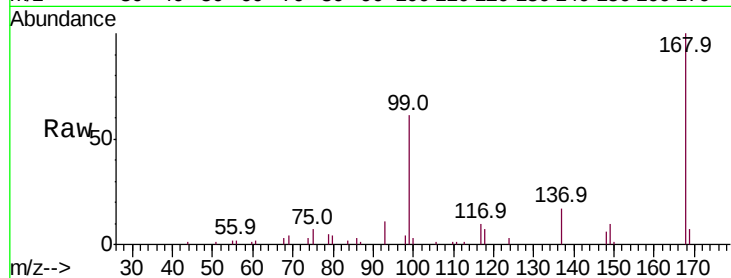
DB-3-4FT

Tot Ion:168 Resp: 110500

Ion Ratio Lower Upper

168 100

99 61.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

40000

30000

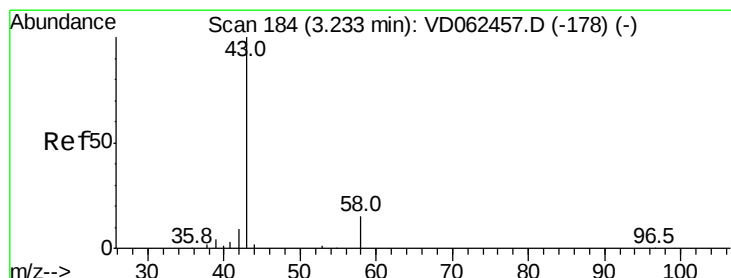
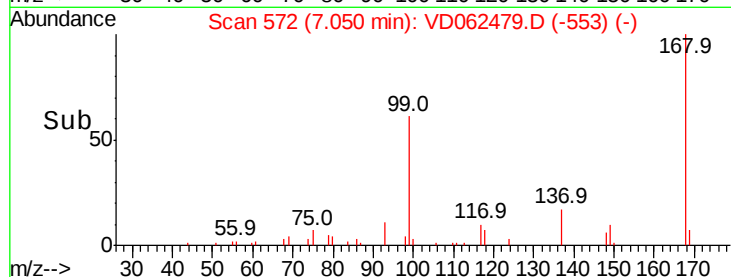
20000

10000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 205.085 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD062479.D

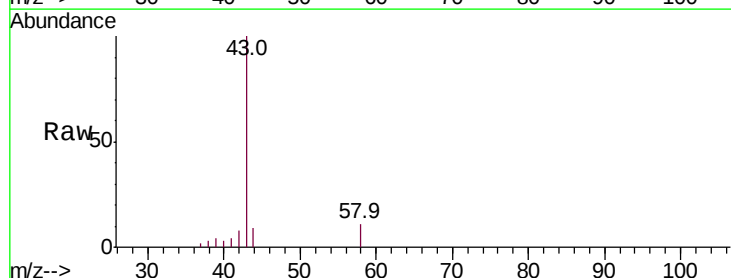
Acq: 21 May 2019 14:22

Tgt Ion: 43 Resp: 43470

Ion Ratio Lower Upper

43 100

58 10.9 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

15000

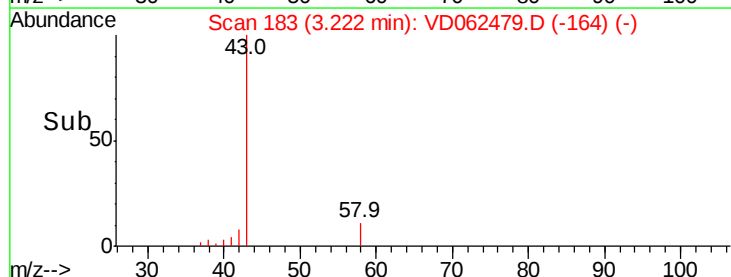
10000

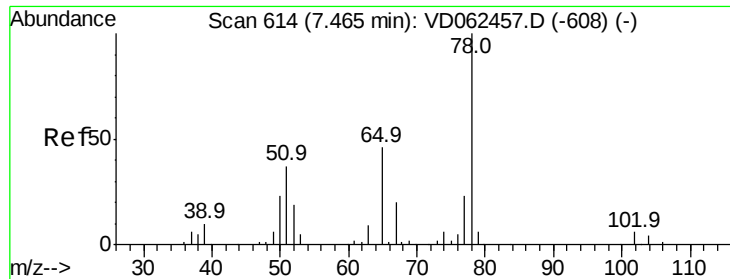
5000

0

3.10 3.20 3.30

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.626 ug/l

RT: 7.45 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD062479.D

Acq: 21 May 2019 14:22

Instrument :

MSVOA_D

ClientSampled :

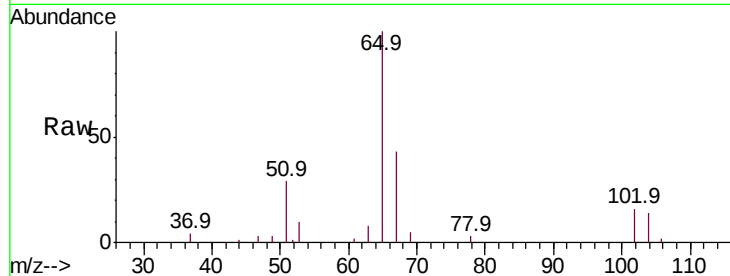
DB-3-4FT

Tot Ion: 65 Resp: 64613

Ion Ratio Lower Upper

65 100

67 42.8 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

25000

20000

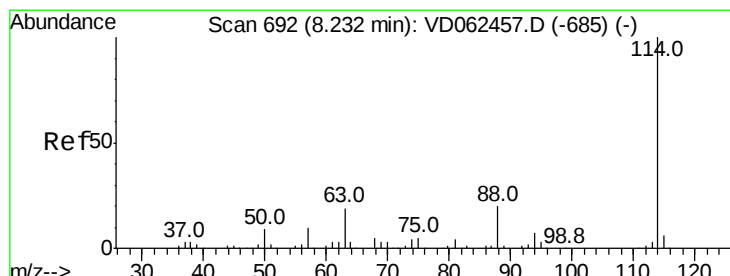
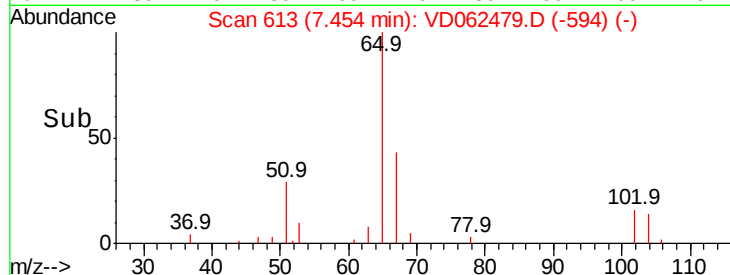
15000

10000

5000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD062479.D

Acq: 21 May 2019 14:22

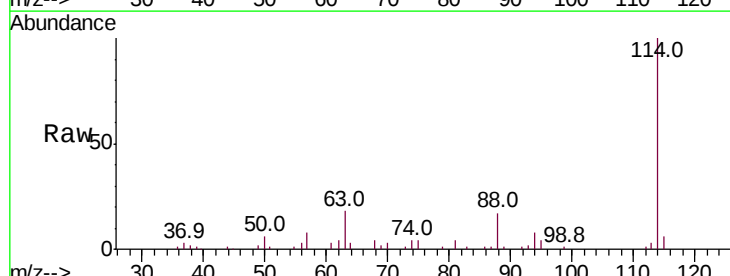
Tgt Ion: 114 Resp: 166568

Ion Ratio Lower Upper

114 100

63 18.1 0.0 32.4

88 16.8 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

80000

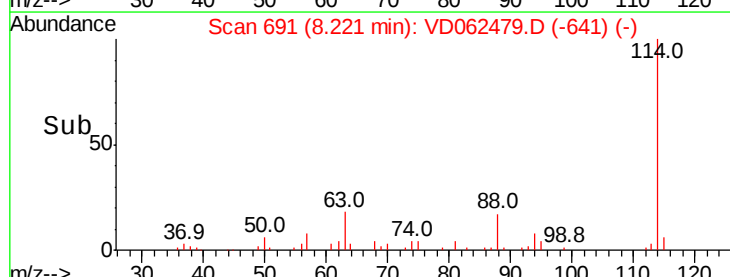
60000

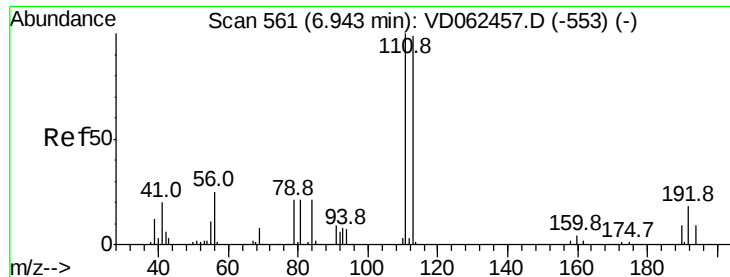
40000

20000

0

Time--> 8.10 8.20 8.30 8.40

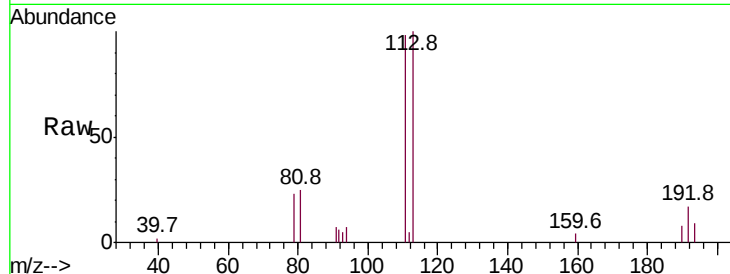




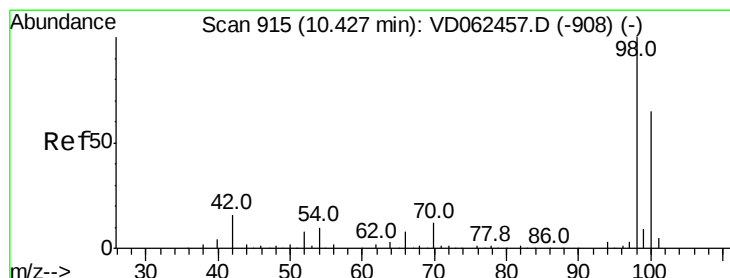
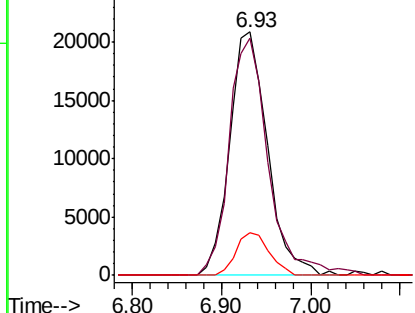
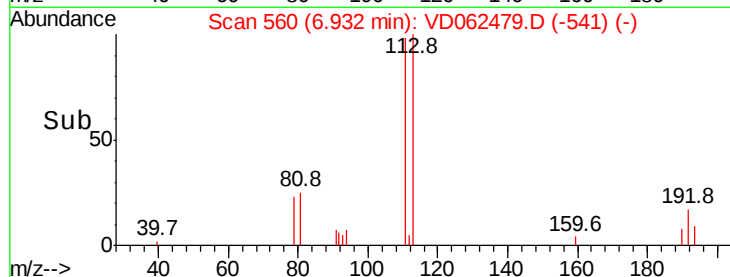
#35
 Dibromofluoromethane
 Concen: 41.139 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD062479.D
 Acq: 21 May 2019 14:22

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-3-4FT

Tot Ion:113 Resp: 61818
 Ion Ratio Lower Upper
 113 100
 111 97.7 78.5 117.7
 192 17.5 13.0 19.4

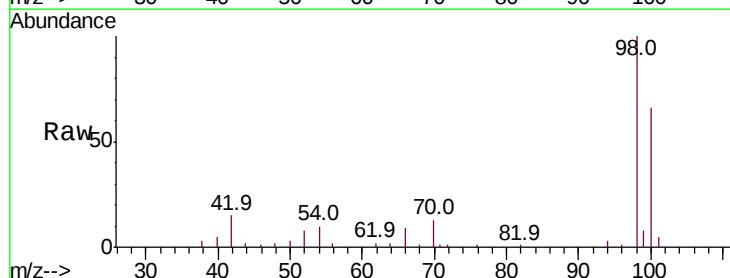


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

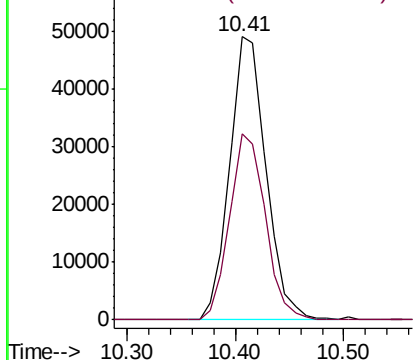
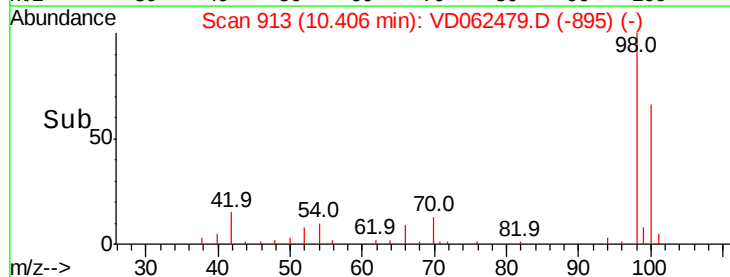


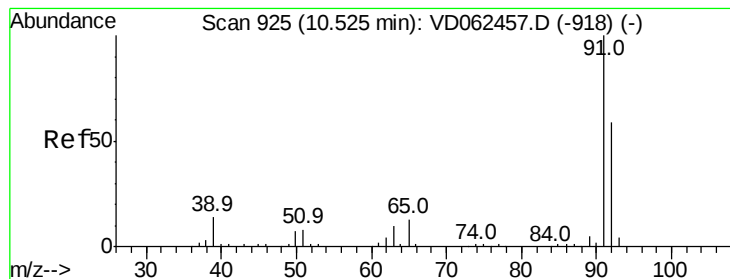
#50
 Toluene-d8
 Concen: 34.878 ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. -0.02 min
 Lab File: VD062479.D
 Acq: 21 May 2019 14:22

Tgt Ion: 98 Resp: 114691
 Ion Ratio Lower Upper
 98 100
 100 65.8 53.8 80.8



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





#52

Toluene

Concen: 6.190 ug/l

RT: 10.50 min Scan# 923

Delta R.T. -0.02 min

Lab File: VD062479.D

Acq: 21 May 2019 14:22

Instrument :

MSVOA_D

ClientSampled :

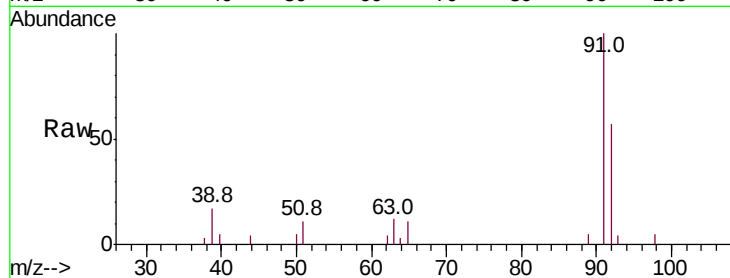
DB-3-4FT

Tot Ion: 92 Resp: 13237

Ion Ratio Lower Upper

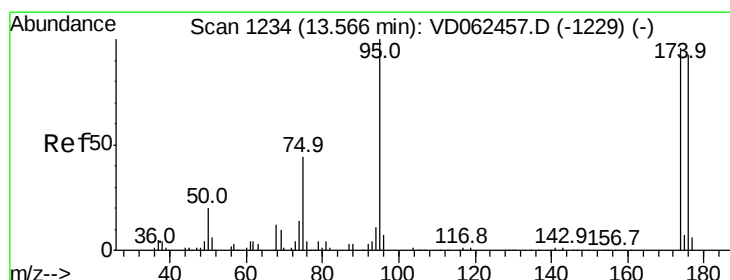
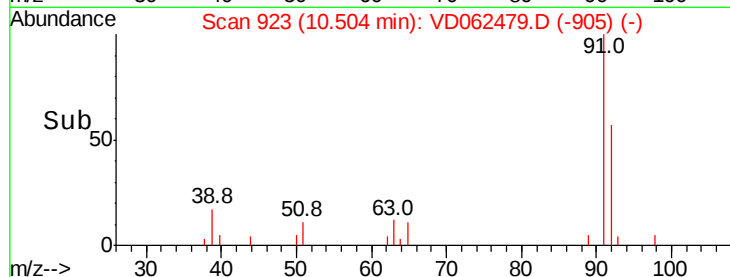
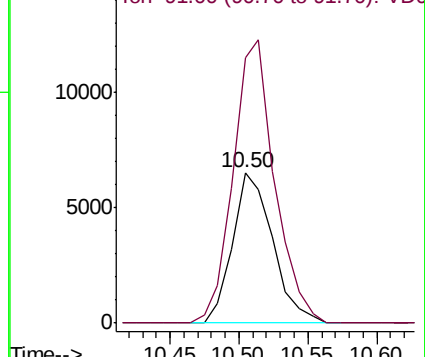
92 100

91 176.7 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 42.427 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.01 min

Lab File: VD062479.D

Acq: 21 May 2019 14:22

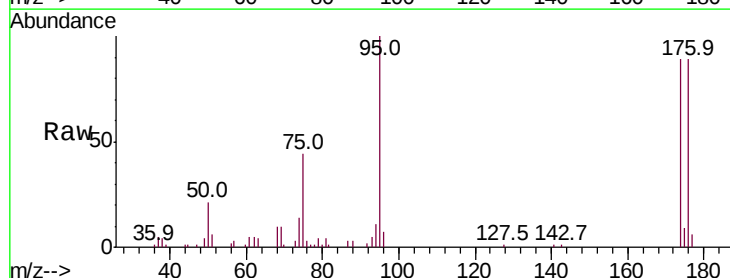
Tgt Ion: 95 Resp: 61029

Ion Ratio Lower Upper

95 100

174 88.8 0.0 181.8

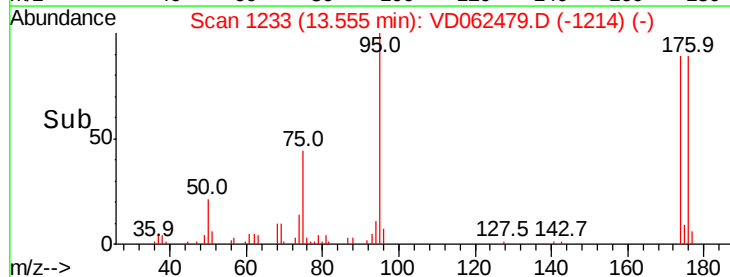
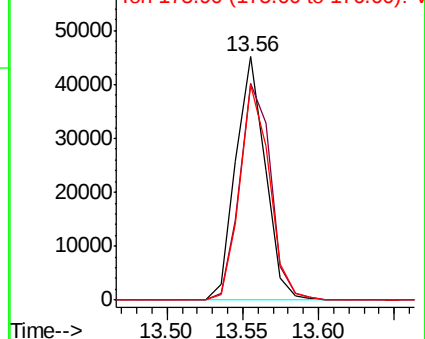
176 88.6 0.0 174.4

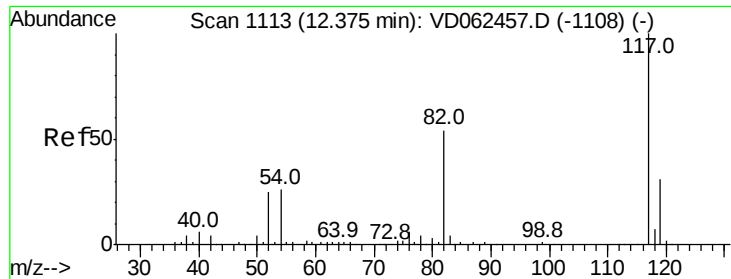


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

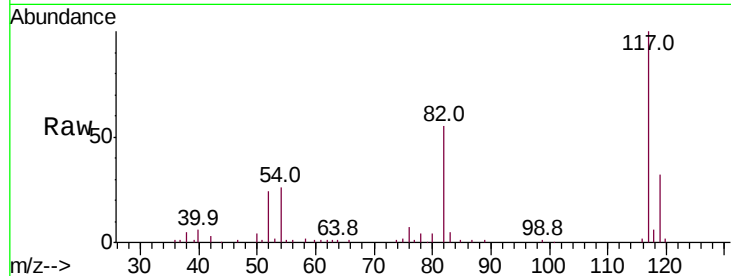




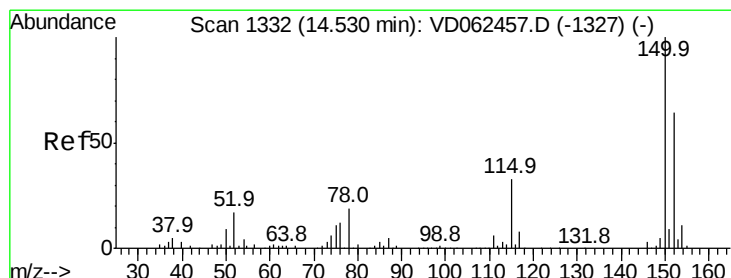
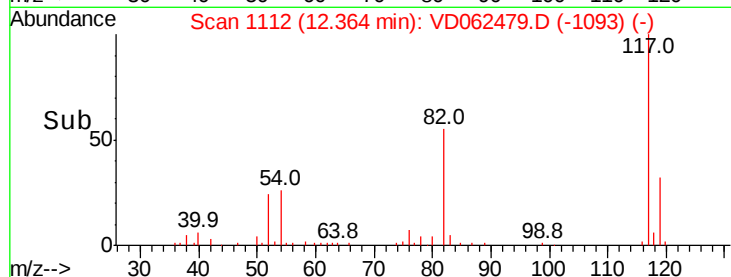
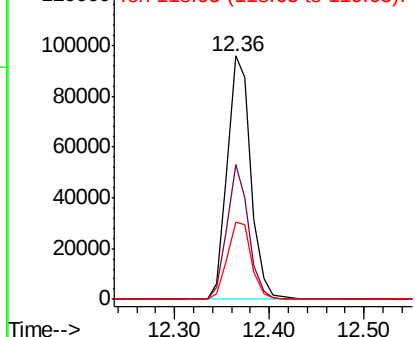
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062479.D
Acq: 21 May 2019 14:22

Instrument :
MSVOA_D
ClientSampleId :
DB-3-4FT

Tot Ion:117 Resp: 164647
Ion Ratio Lower Upper
117 100
82 55.3 36.2 54.2#
119 32.0 26.2 39.4

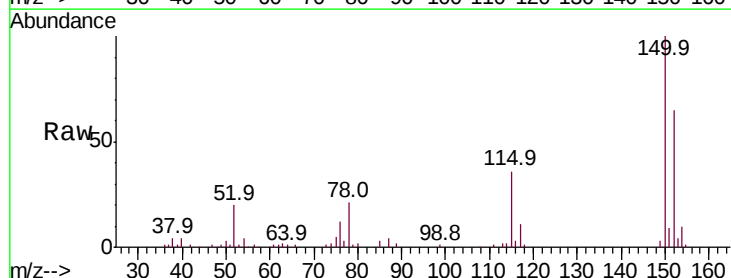


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD062479.D
Acq: 21 May 2019 14:22

Tgt Ion:152 Resp: 100241
Ion Ratio Lower Upper
152 100
115 56.4 30.9 92.7
150 154.5 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

