

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052119\
 Data File : VD062480.D
 Acq On : 21 May 2019 14:49
 Operator : VA/AP
 Sample : K2962-11
 Misc : 3.28g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-4-4FT

Quant Time: May 22 02:03:51 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

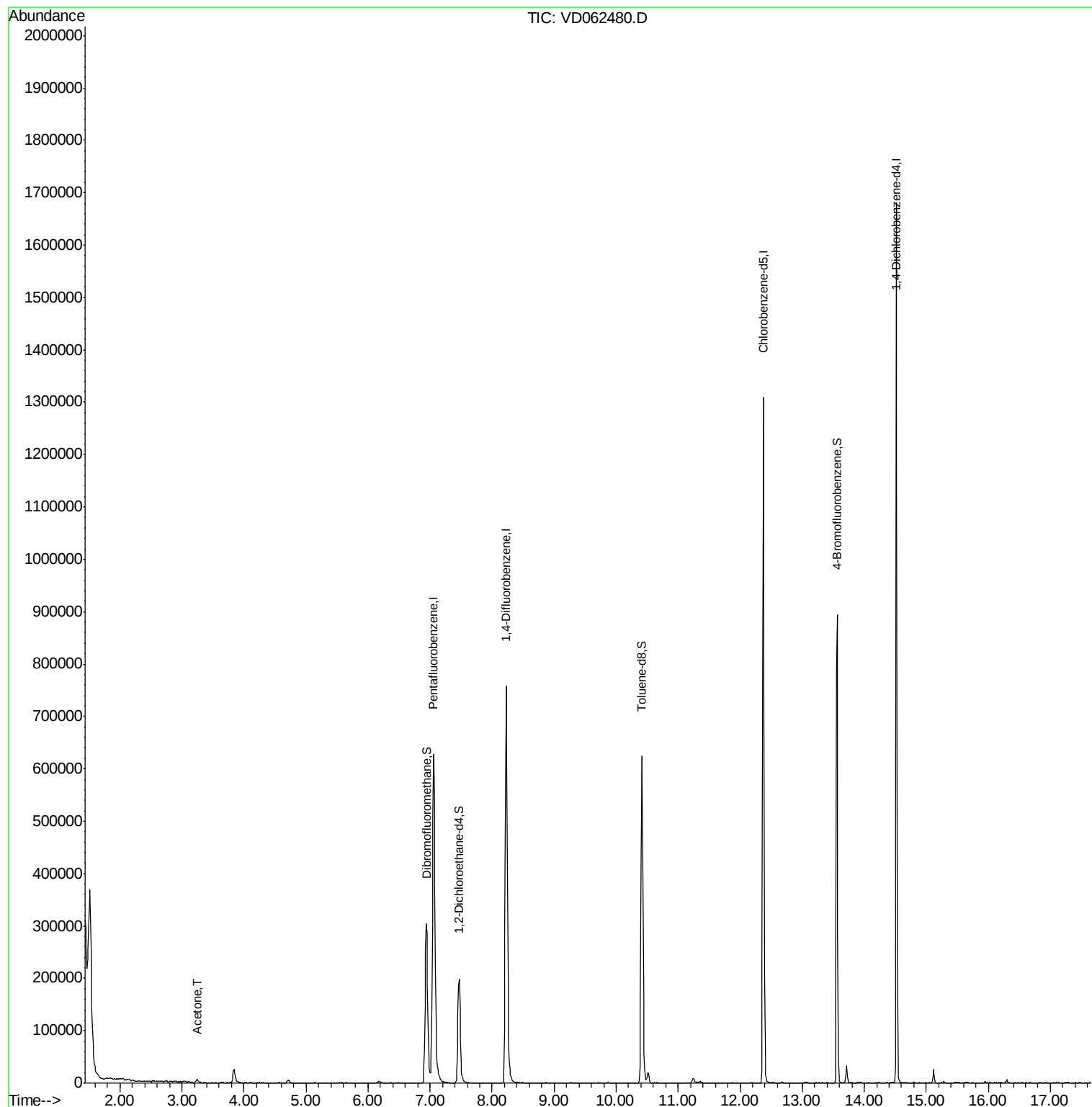
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	603616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	829355	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	690252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	373792	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	228076	35.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.60%	
35) Dibromofluoromethane	6.94	113	283099	37.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.68%	
50) Toluene-d8	10.41	98	541040	33.04	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	66.08%	
62) 4-Bromofluorobenzene	13.56	95	272333	38.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.04%	
Target Compounds						
16) Acetone	3.24	43	15566	13.444	ug/l #	Qvalue 74

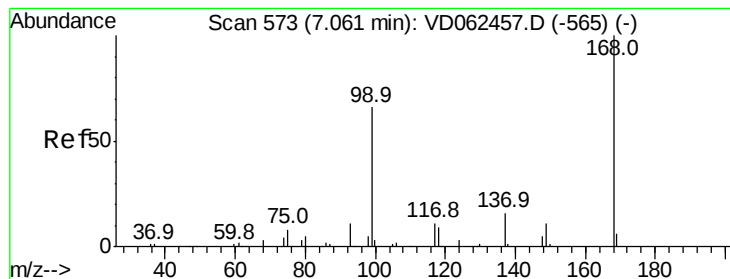
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.06 min Scan# 572

Delta R.T. -0.00 min

Lab File: VD062480.D

Acq: 21 May 2019 14:49

Instrument :

MSVOA_D

ClientSampleId :

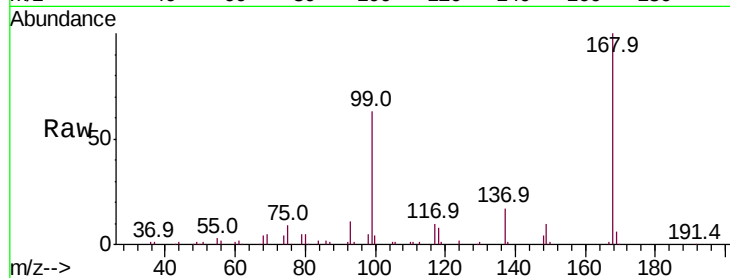
DB-4-4FT

Tot Ion:168 Resp: 603616

Ion Ratio Lower Upper

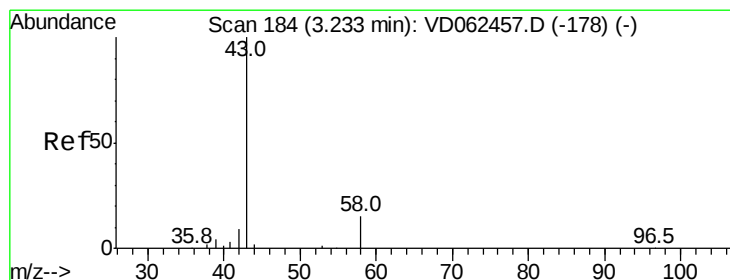
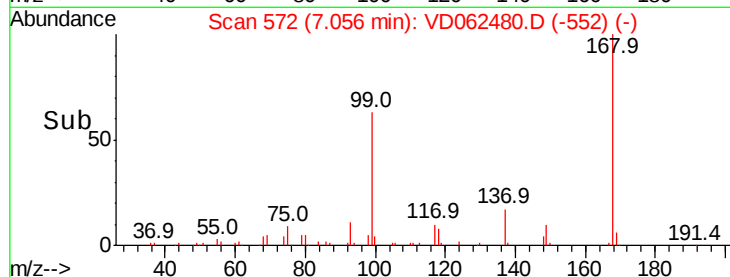
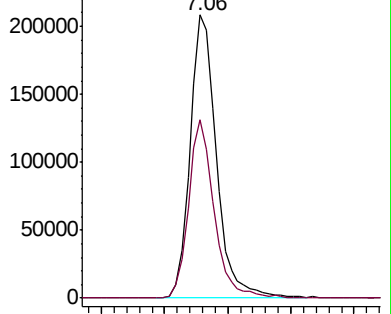
168 100

99 63.0 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: 13.444 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD062480.D

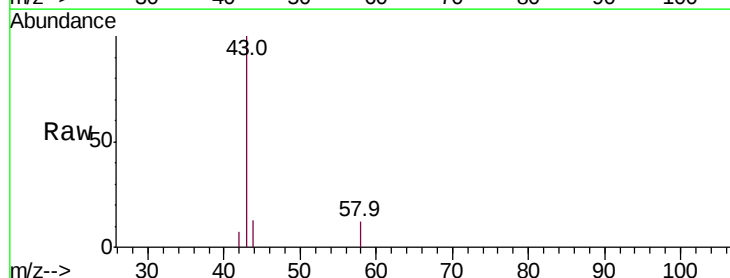
Acq: 21 May 2019 14:49

Tgt Ion: 43 Resp: 15566

Ion Ratio Lower Upper

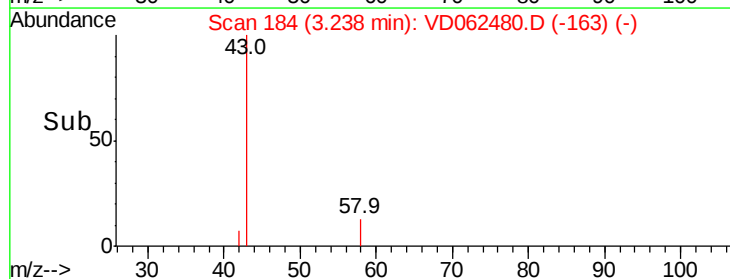
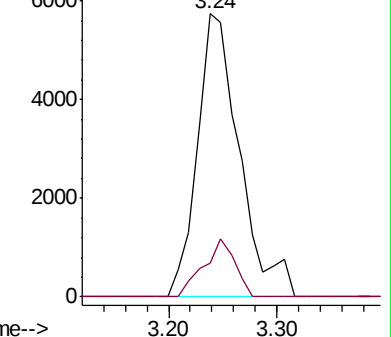
43 100

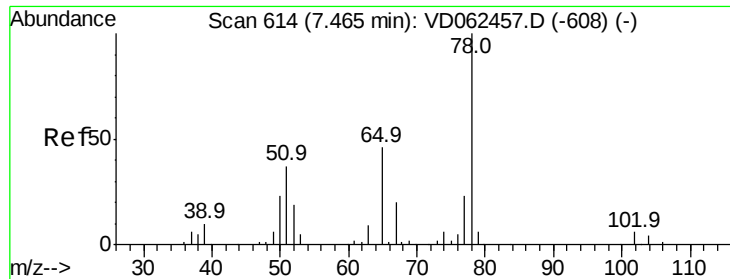
58 11.9 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

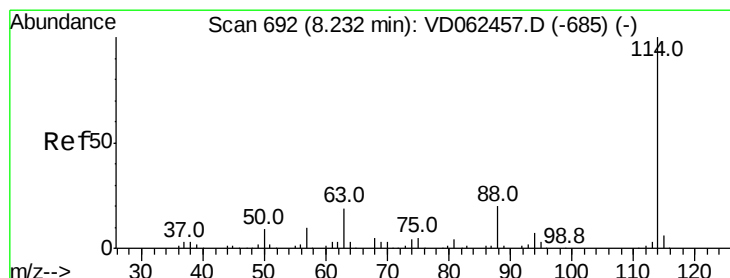
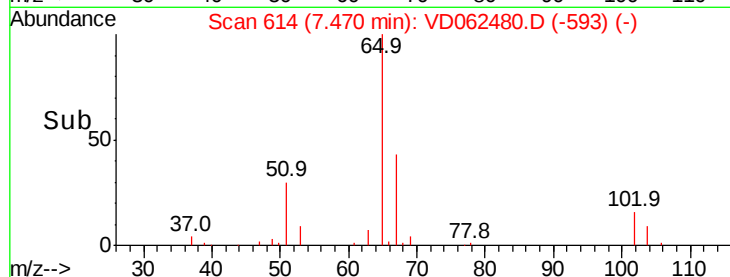
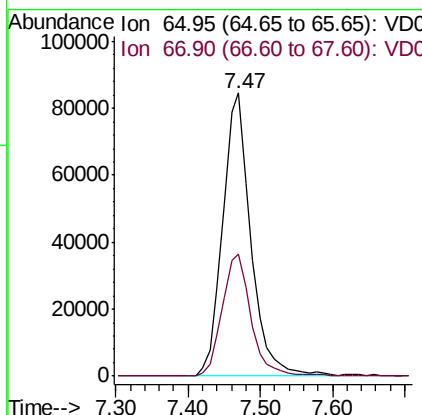
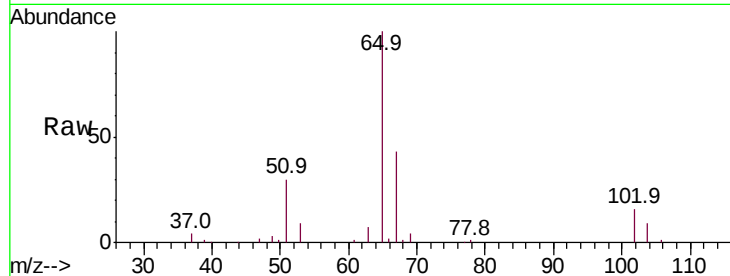




#33
 1,2-Dichloroethane-d4
 Concen: 35.299 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: VD062480.D
 Acq: 21 May 2019 14:49

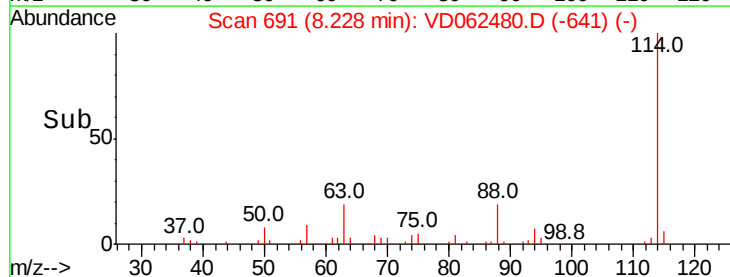
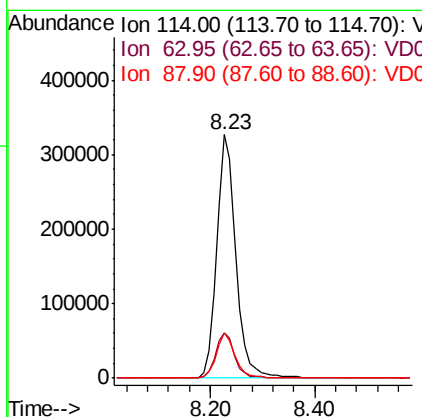
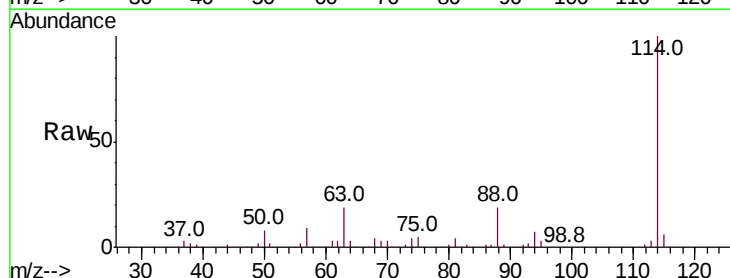
Instrument :
 MSVOA_D
 ClientSampleId :
 DB-4-4FT

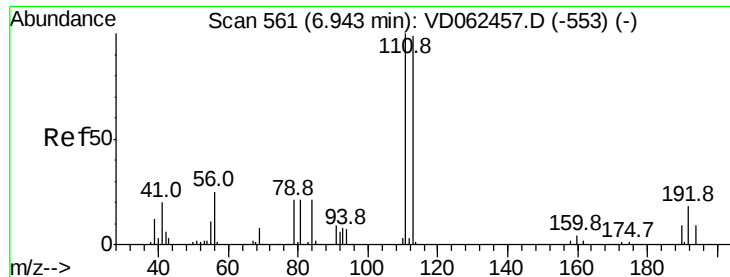
Tot Ion: 65 Resp: 228076
 Ion Ratio Lower Upper
 65 100
 67 42.9 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: VD062480.D
 Acq: 21 May 2019 14:49

Tgt Ion: 114 Resp: 829355
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 32.4
 88 18.6 0.0 33.6

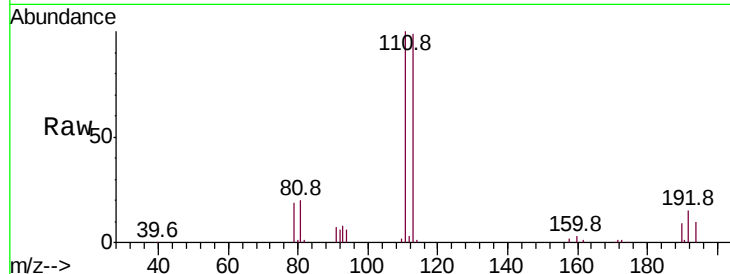




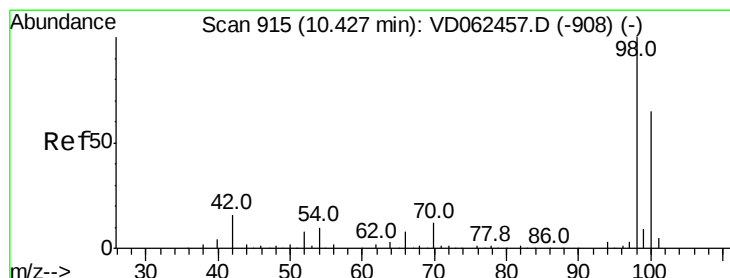
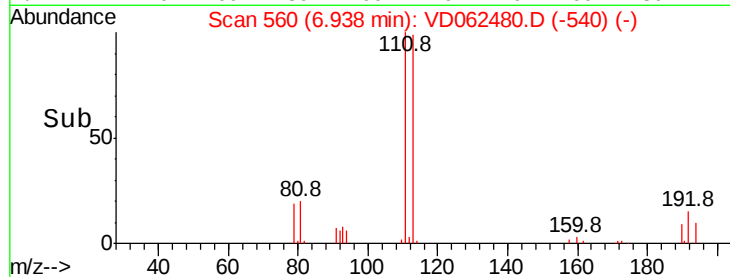
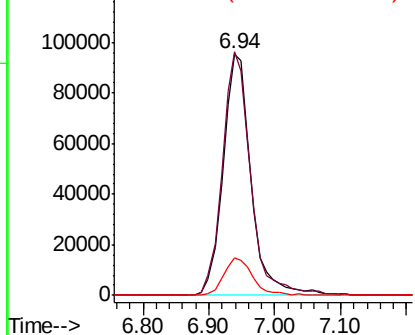
#35
 Dibromofluoromethane
 Concen: 37.838 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: VD062480.D
 Acq: 21 May 2019 14:49

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-4-4FT

Tot Ion:113 Resp: 283099
 Ion Ratio Lower Upper
 113 100
 111 101.0 78.5 117.7
 192 15.3 13.0 19.4

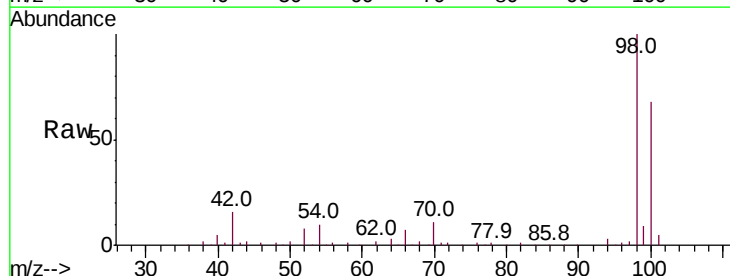


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

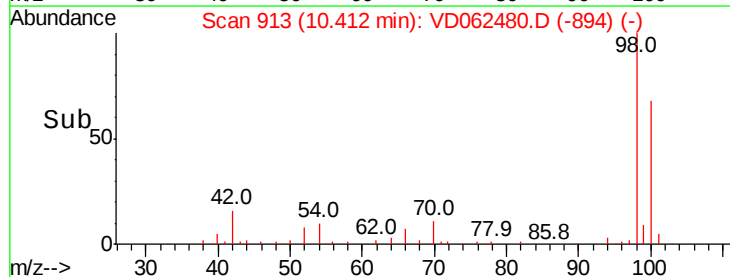
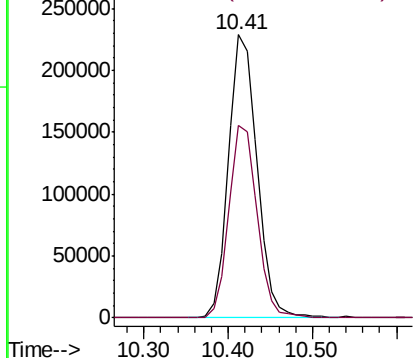


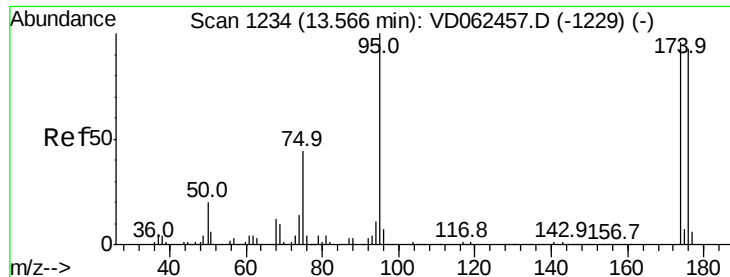
#50
 Toluene-d8
 Concen: 33.044 ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: VD062480.D
 Acq: 21 May 2019 14:49

Tgt Ion: 98 Resp: 541040
 Ion Ratio Lower Upper
 98 100
 100 68.1 53.8 80.8



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

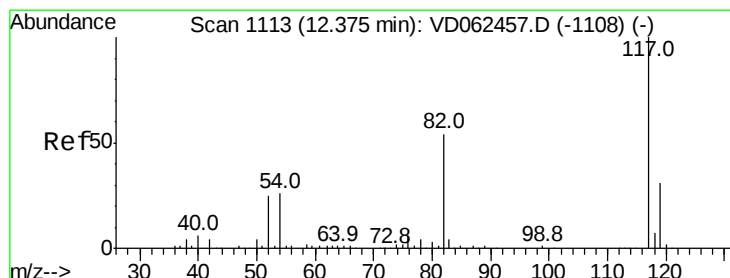
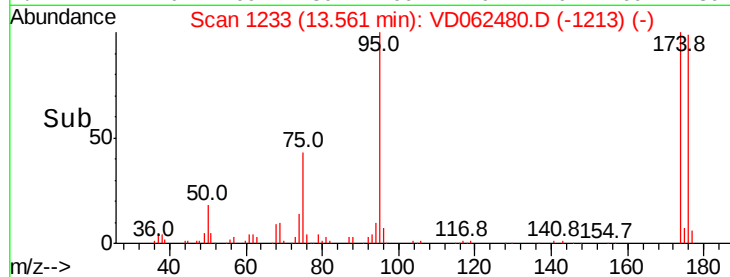
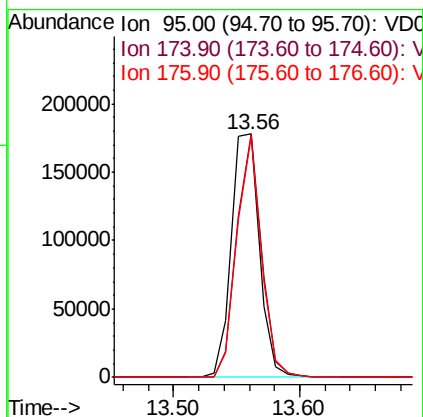
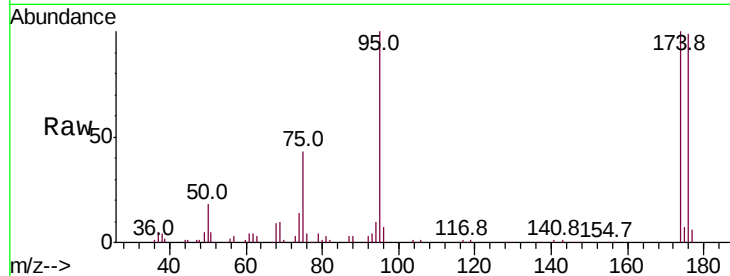




#62
4-Bromofluorobenzene
Concen: 38.024 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VD062480.D
Acq: 21 May 2019 14:49

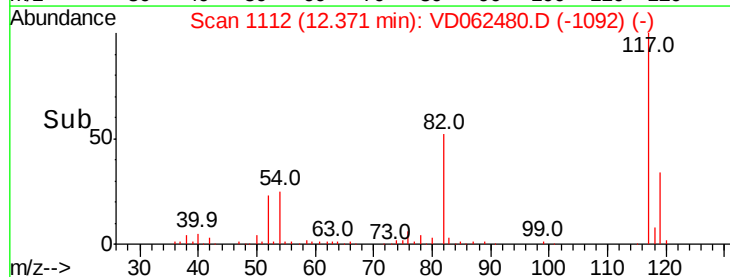
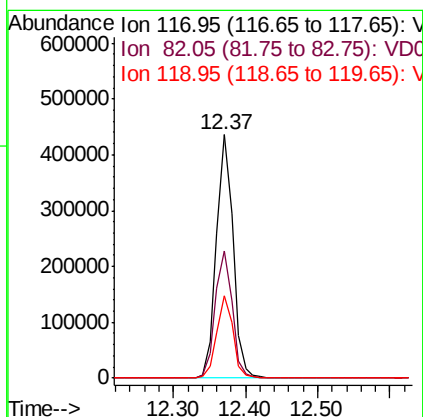
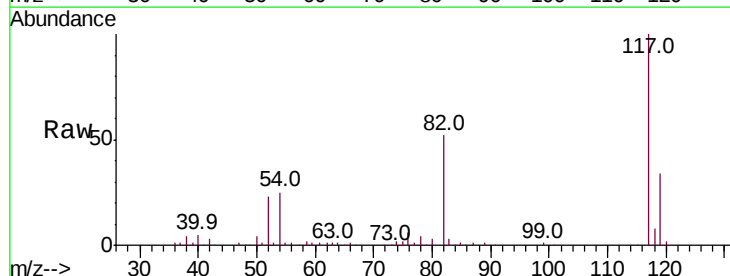
Instrument :
MSVOA_D
ClientSampleId :
DB-4-4FT

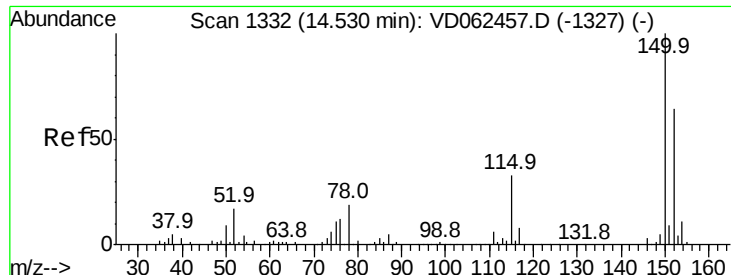
Tot Ion: 95 Resp: 272333
Ion Ratio Lower Upper
95 100
174 99.9 0.0 181.8
176 98.8 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062480.D
Acq: 21 May 2019 14:49

Tgt Ion: 117 Resp: 690252
Ion Ratio Lower Upper
117 100
82 52.5 36.2 54.2
119 33.6 26.2 39.4

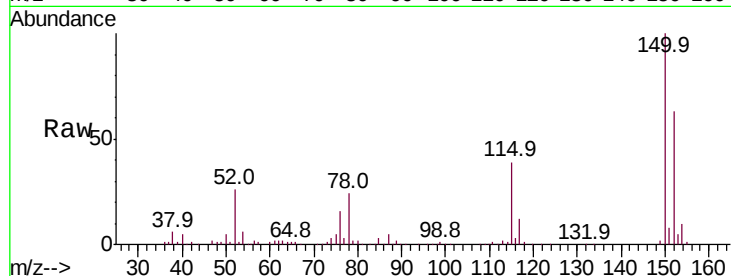




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD062480.D
 Acq: 21 May 2019 14:49

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-4-4FT

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.8	30.9	92.7
150	157.5	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

