

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063493.D
 Acq On : 12 Aug 2019 17:49
 Operator : JC/SY
 Sample : K4294-01
 Misc : 3.43g/5ml/MSVOA D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3425

Quant Time: Aug 13 08:33:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

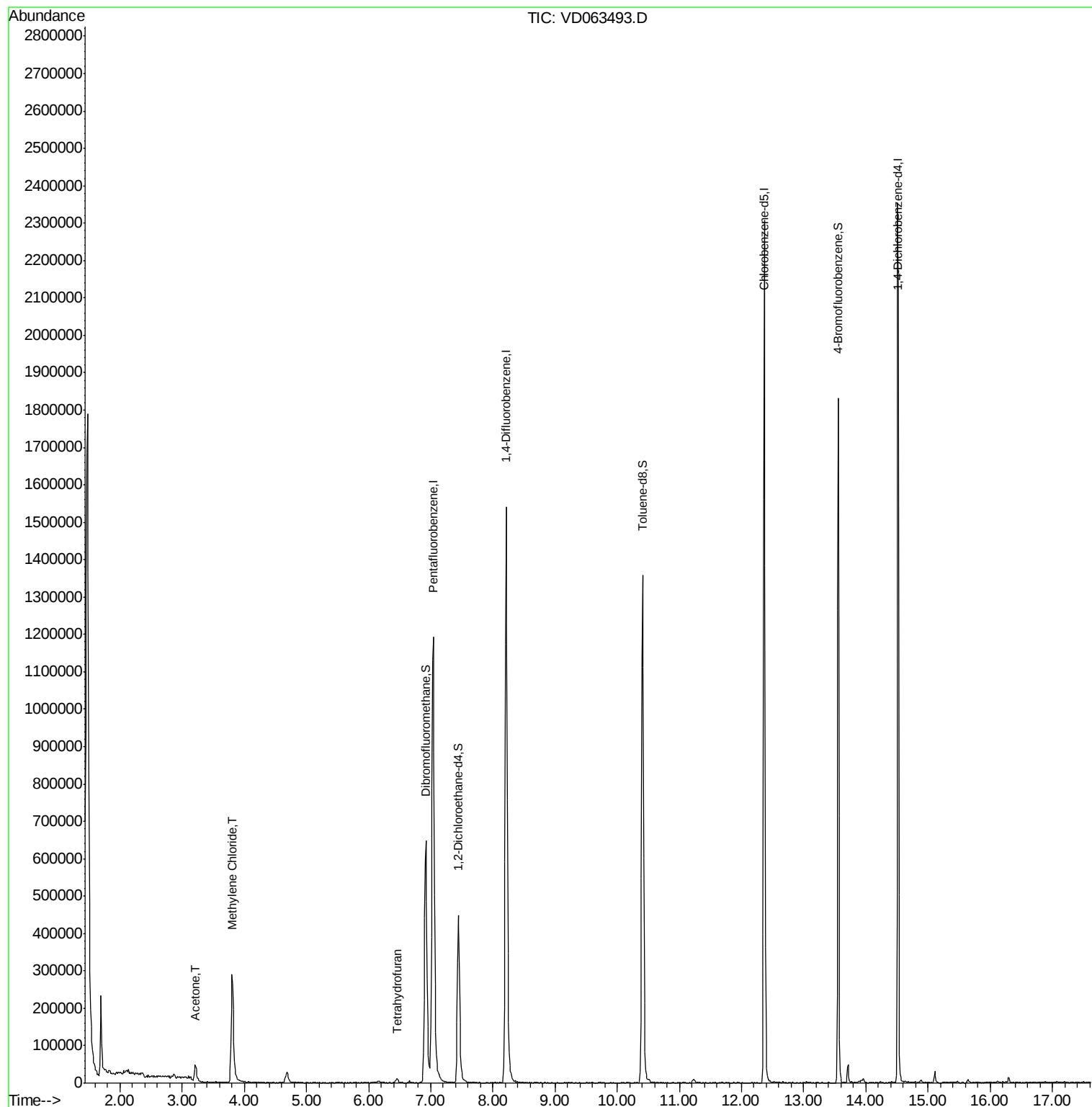
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1150670	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1604455	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.37	117	1199943	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	562245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	516641	42.00	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	84.00%	
35) Dibromofluoromethane	6.92	113	565408	41.84	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	83.68%	
50) Toluene-d8	10.41	98	1143507	38.49	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	76.98%	
62) 4-Bromofluorobenzene	13.56	95	493108	36.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.24%	
Target Compounds						
16) Acetone	3.21	43	90887	36.350	ug/l #	90
20) Methylene Chloride	3.80	84	179062	16.562	ug/l	89
29) Tetrahydrofuran	6.46	42	10544	9.163	ug/l #	87

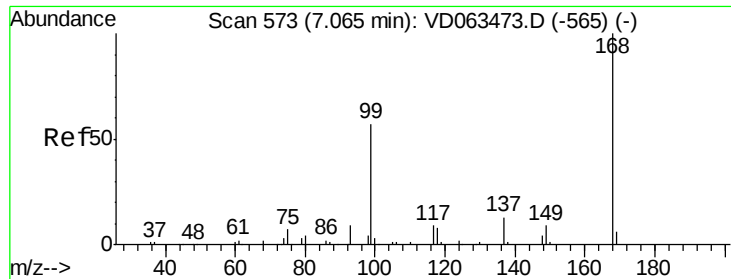
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081219\
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Quant Time: Aug 13 08:33:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063493.D

Acq: 12 Aug 2019 17:49

Instrument :

MSVOA_D

ClientSampleId :

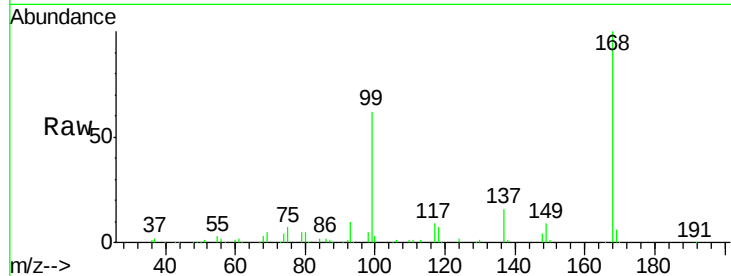
RT-3425

Tot Ion:168 Resp: 1150670

Ion Ratio Lower Upper

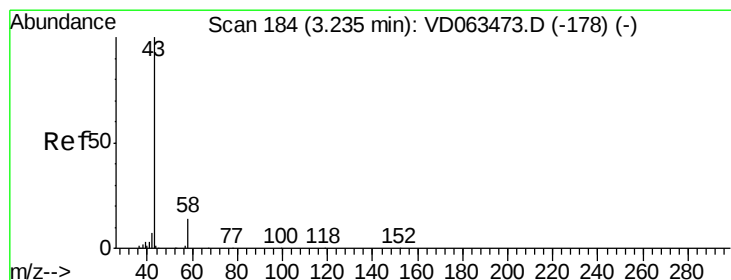
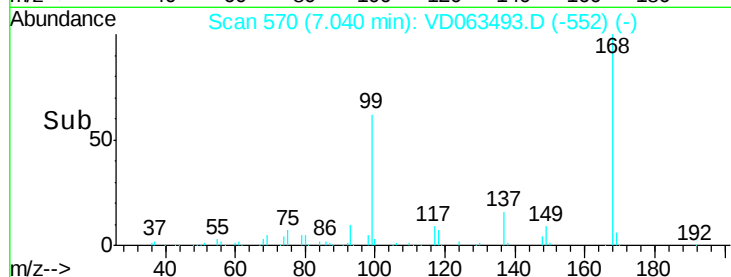
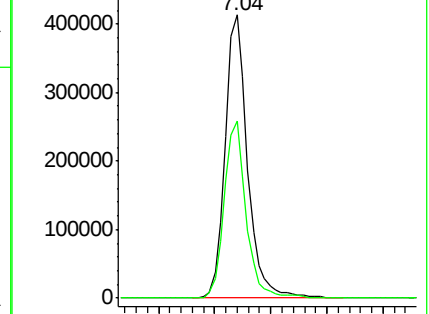
168 100

99 62.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 36.350 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.03 min

Lab File: VD063493.D

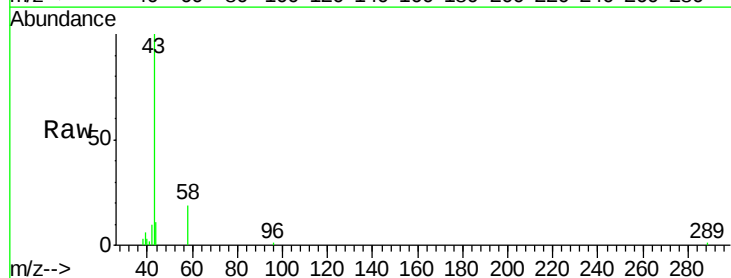
Acq: 12 Aug 2019 17:49

Tgt Ion: 43 Resp: 90887

Ion Ratio Lower Upper

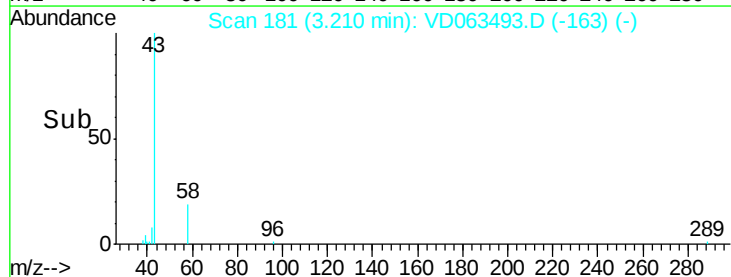
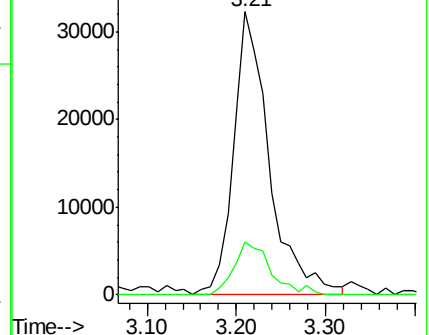
43 100

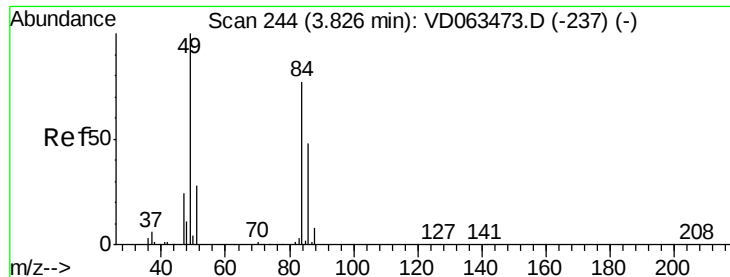
58 18.5 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

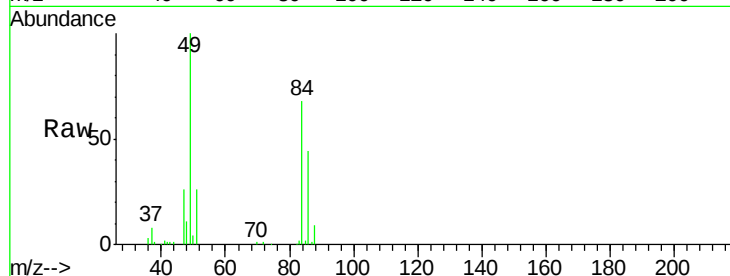




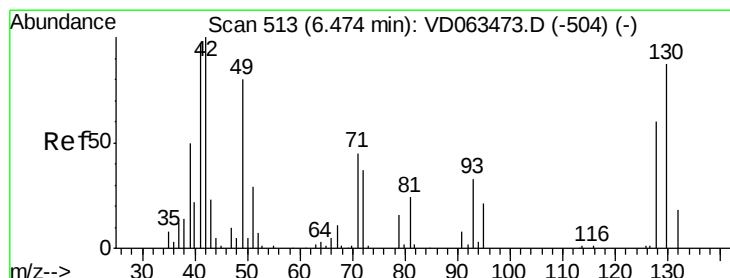
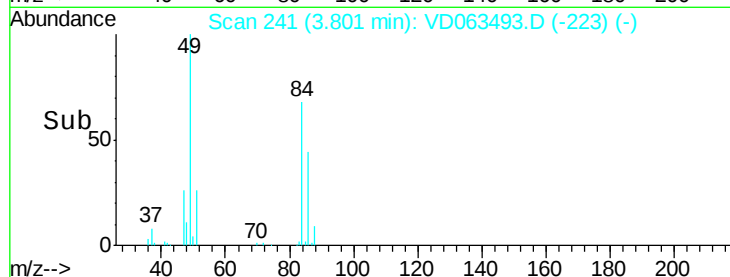
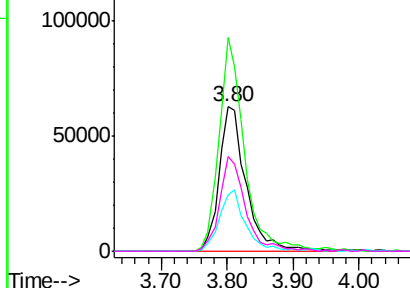
#20
Methvlene Chloride
Concen: 16.562 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.03 min
Lab File: VD063493.D
Acq: 12 Aug 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
RT-3425

Tot Ion:	84	Resp:	179062
Ion	Ratio	Lower	Upper
84	100		
49	147.9	103.4	155.2
51	39.2	28.5	42.7
86	65.4	49.4	74.2

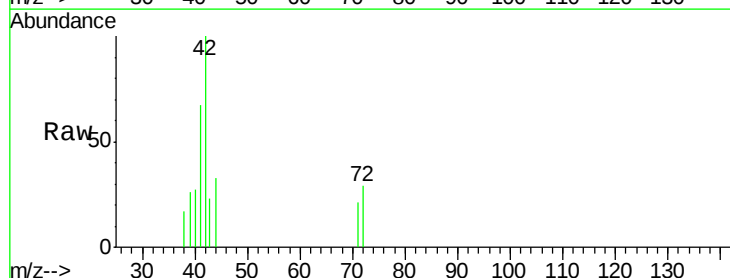


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

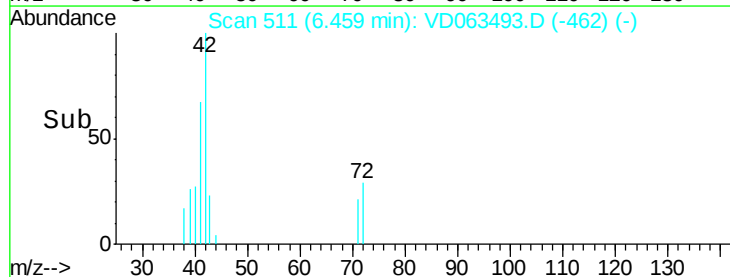
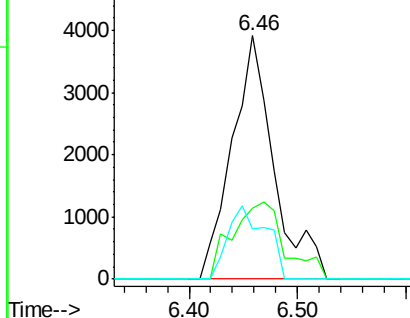


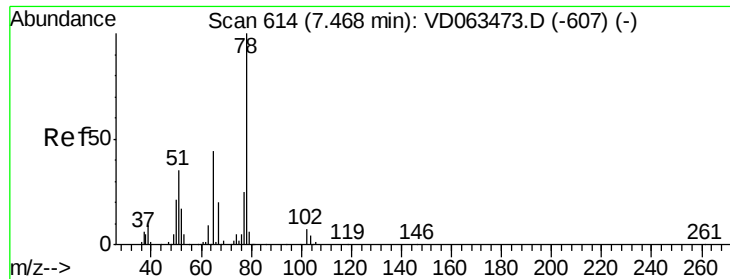
#29
Tetrahydrofuran
Concen: 9.163 ug/l
RT: 6.46 min Scan# 511
Delta R.T. -0.02 min
Lab File: VD063493.D
Acq: 12 Aug 2019 17:49

Tgt Ion:	42	Resp:	10544
Ion	Ratio	Lower	Upper
42	100		
72	39.9	31.5	47.3
71	27.4	33.8	50.8#



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

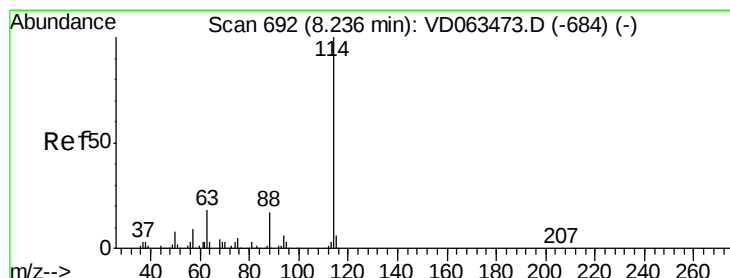
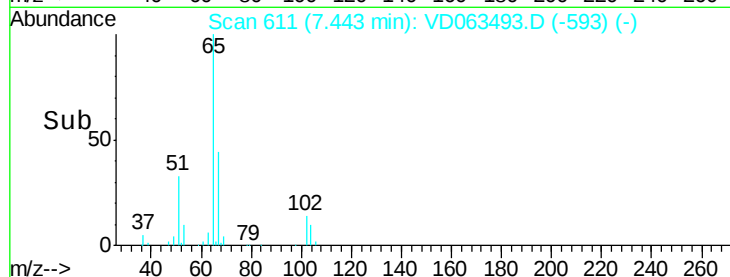
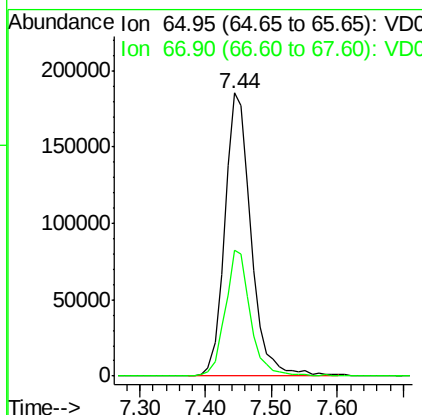
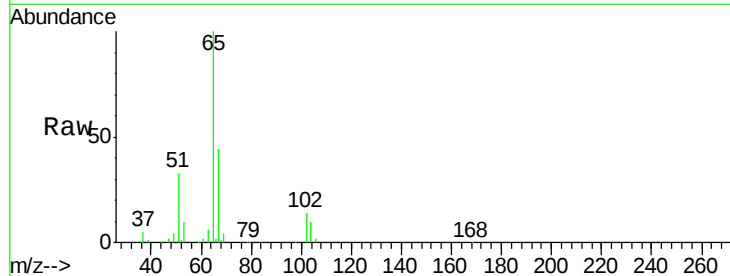




#33
 1,2-Dichloroethane-d4
 Concen: 42.004 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: VD063493.D
 Acq: 12 Aug 2019 17:49

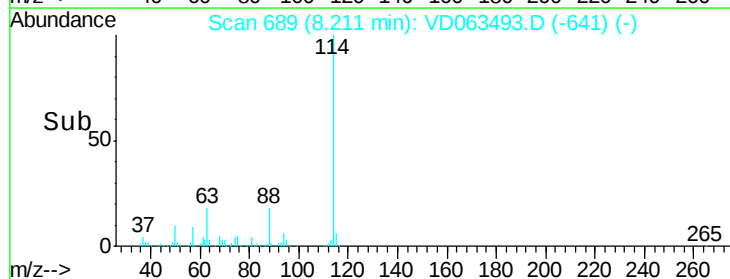
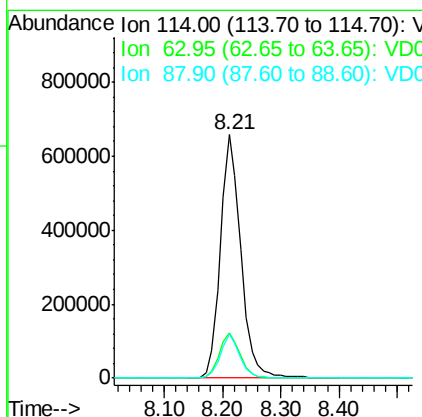
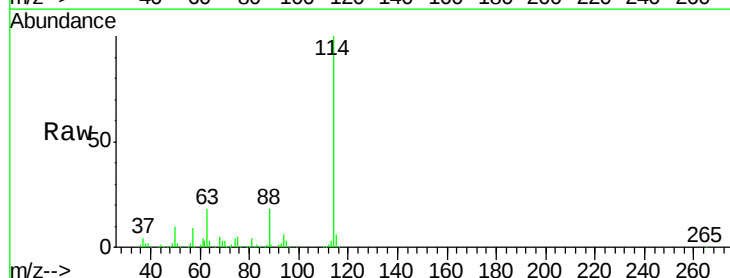
Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3425

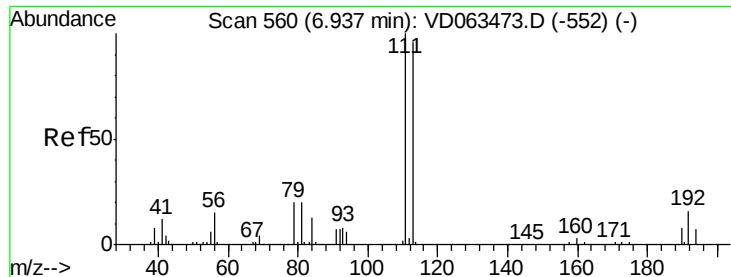
Tot Ion: 65 Resp: 516641
 Ion Ratio Lower Upper
 65 100
 67 44.3 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.03 min
 Lab File: VD063493.D
 Acq: 12 Aug 2019 17:49

Tgt Ion: 114 Resp: 1604455
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.2
 88 17.9 0.0 35.0





#35

Dibromofluoromethane

Concen: 41.842 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063493.D

Acq: 12 Aug 2019 17:49

Instrument :

MSVOA_D

ClientSampled :

RT-3425

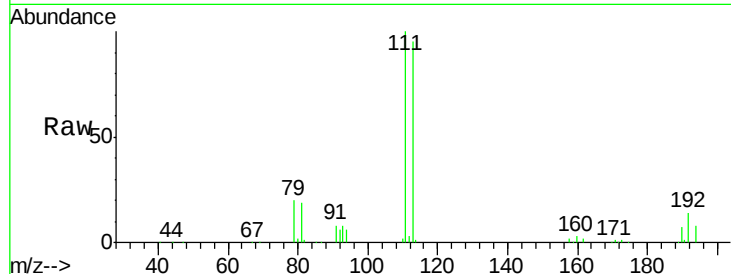
Tot Ion:113 Resp: 565408

Ion Ratio Lower Upper

113 100

111 104.8 83.1 124.7

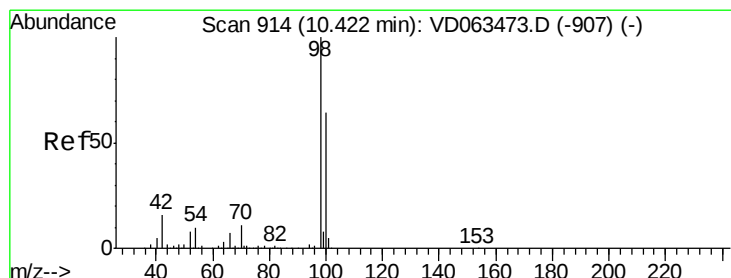
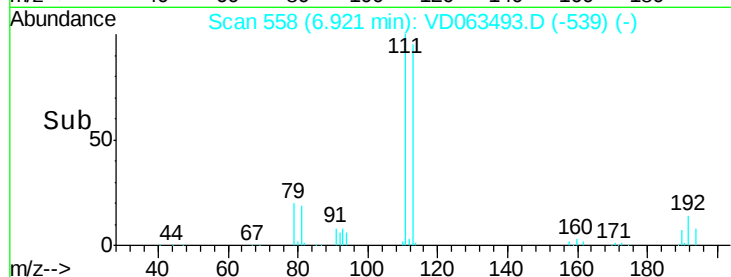
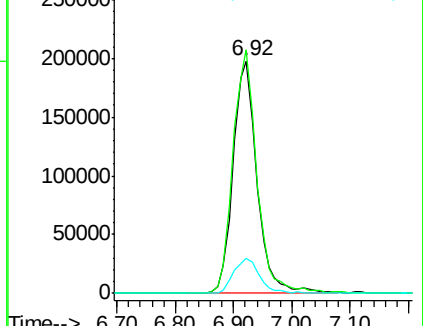
192 15.2 13.1 19.7



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: 38.491 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD063493.D

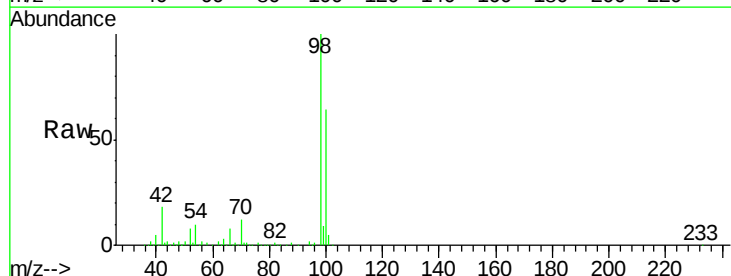
Acq: 12 Aug 2019 17:49

Tgt Ion: 98 Resp: 1143507

Ion Ratio Lower Upper

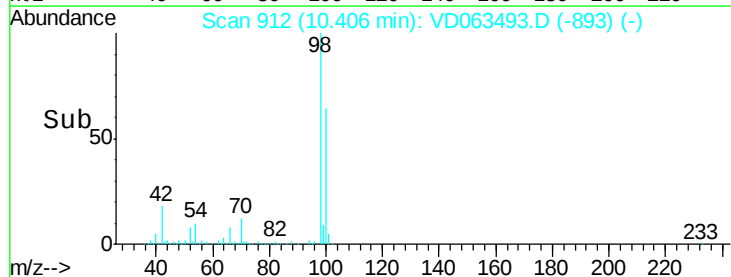
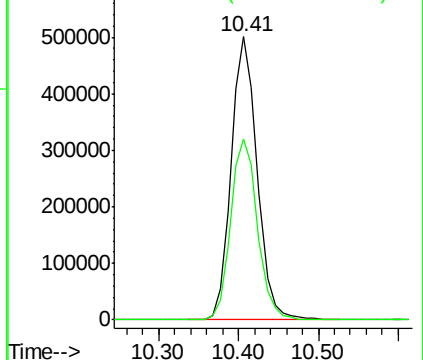
98 100

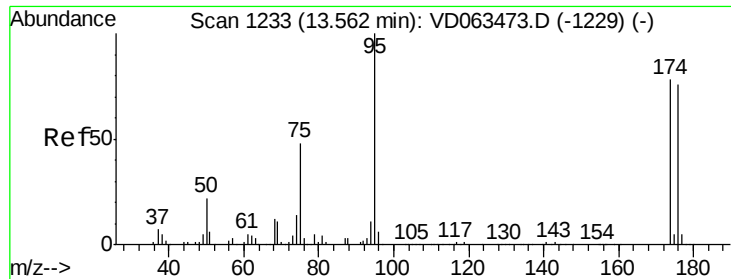
100 63.9 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

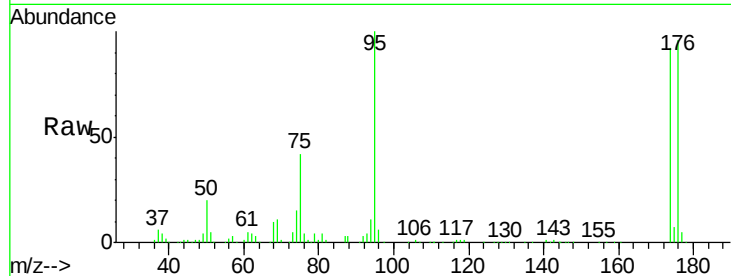




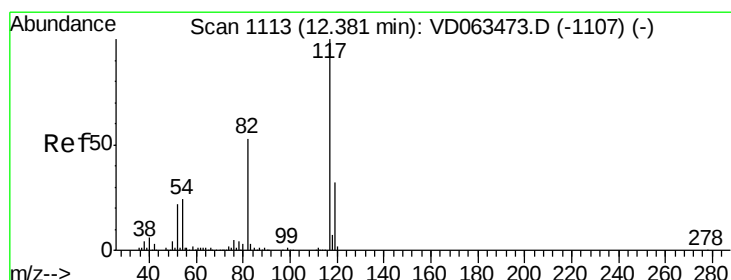
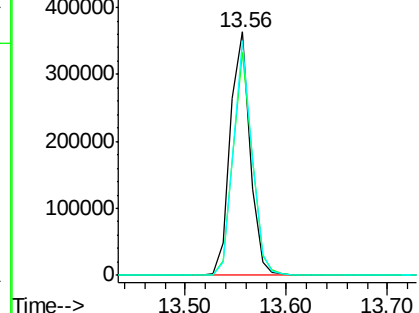
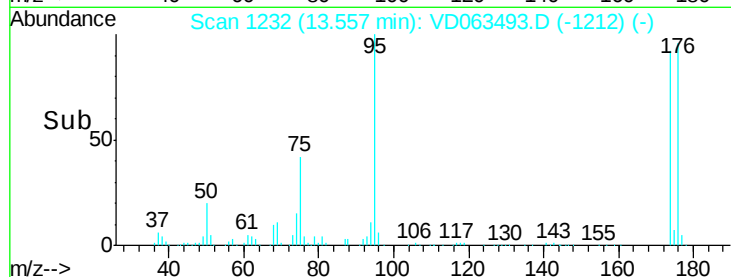
#62
4-Bromofluorobenzene
Concen: 36.621 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063493.D
Acq: 12 Aug 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
RT-3425

Tot Ion: 95 Resp: 493108
Ion Ratio Lower Upper
95 100
174 91.9 0.0 155.4
176 96.5 0.0 152.4

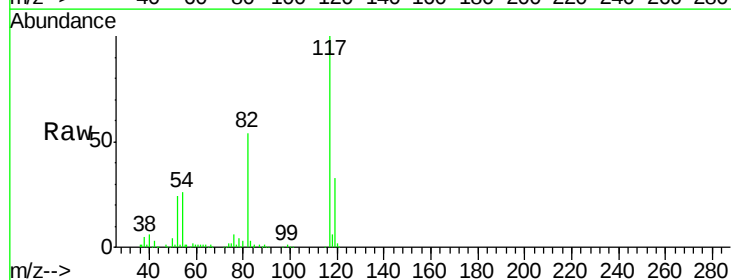


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

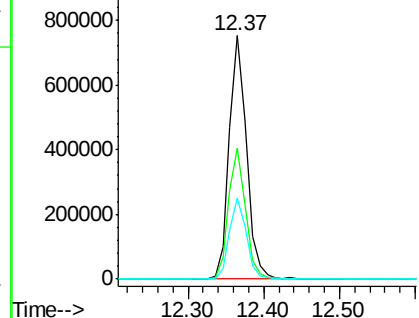
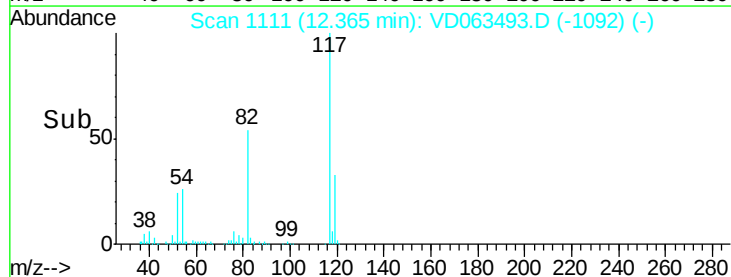


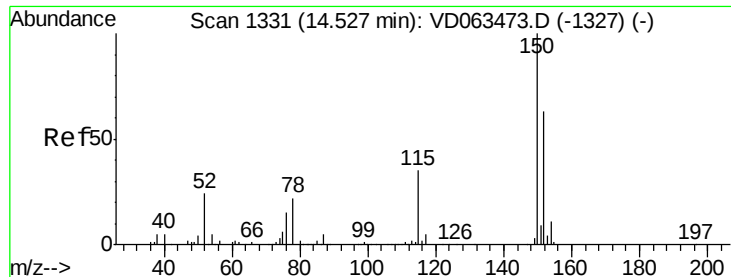
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063493.D
Acq: 12 Aug 2019 17:49

Tgt Ion: 117 Resp: 1199943
Ion Ratio Lower Upper
117 100
82 53.8 42.0 63.0
119 33.2 25.4 38.0



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# 1330

Delta R.T. -0.01 min

Lab File: VD063493.D

Acq: 12 Aug 2019 17:49

Instrument :

MSVOA_D

ClientSampleId :

RT-3425

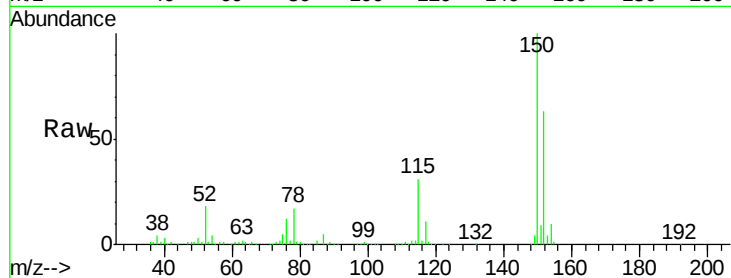
Tot Ion:152 Resp: 562245

Ion Ratio Lower Upper

152 100

115 49.7 30.9 92.7

150 158.7 0.0 318.6



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

