

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010620\
 Data File : VD064785.D
 Acq On : 06 Jan 2020 21:01
 Operator : VA/SY
 Sample : L1017-01
 Misc : 6.37G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-010620

Quant Time: Jan 07 03:10:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

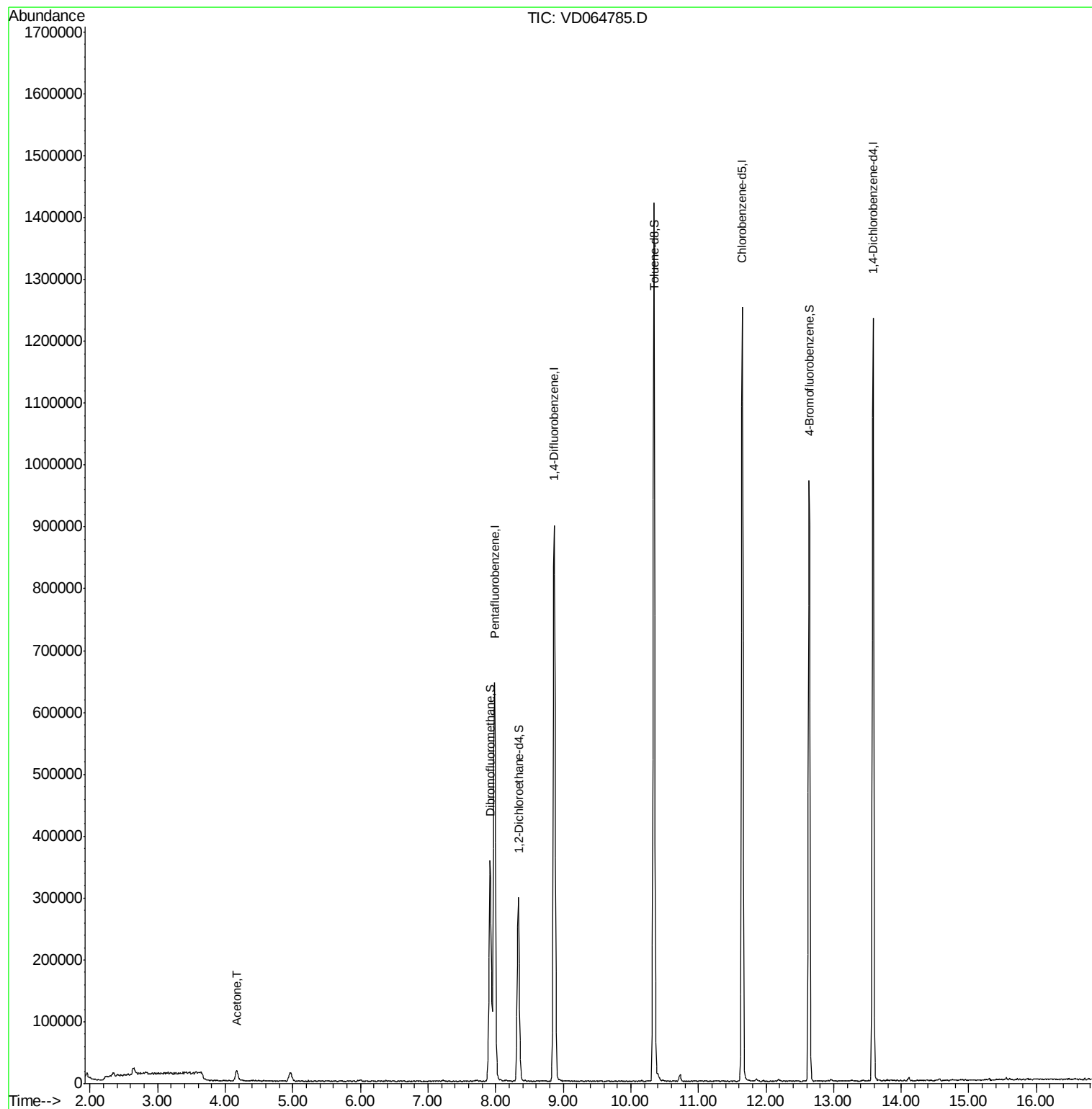
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	494569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	776578	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	700423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	323066	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	238745	54.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.48%	
35) Dibromofluoromethane	7.92	113	241252	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
50) Toluene-d8	10.34	98	936878	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.64	95	287773	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
Target Compounds						
16) Acetone	4.16	43	31921	35.110	ug/l #	Qvalue 84

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064785.D

Acq: 06 Jan 2020 21:01

Instrument :

MSVOA_D

ClientSampleId :

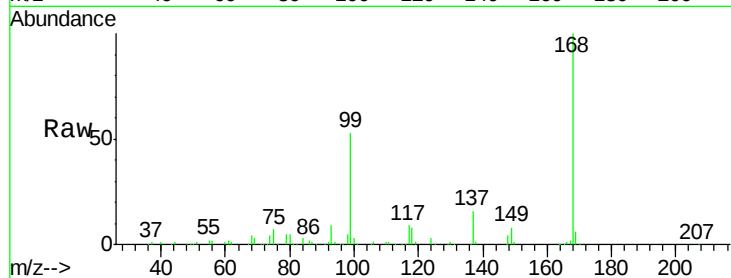
TR-04-010620

Tgt Ion:168 Resp: 494569

Ion Ratio Lower Upper

168 100

99 52.6 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

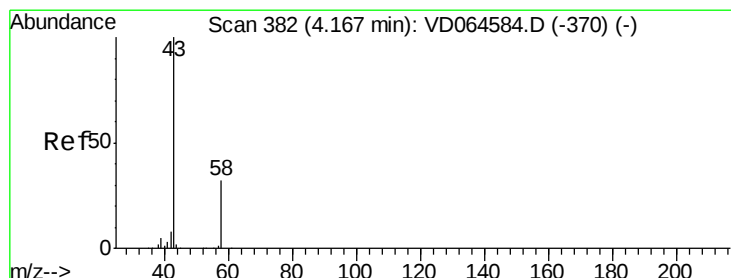
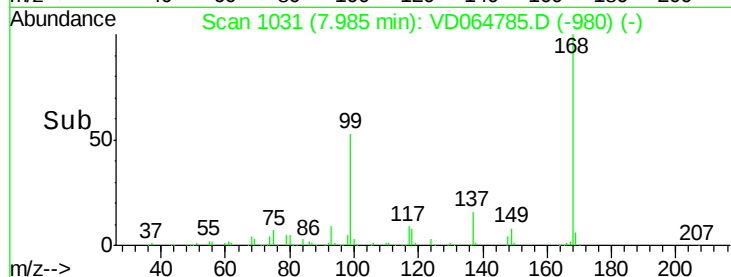
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 35.110 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064785.D

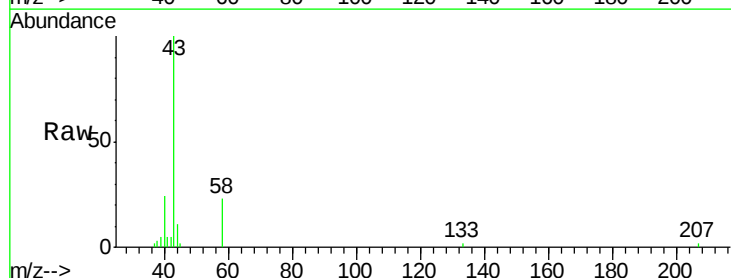
Acq: 06 Jan 2020 21:01

Tgt Ion: 43 Resp: 31921

Ion Ratio Lower Upper

43 100

58 23.1 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

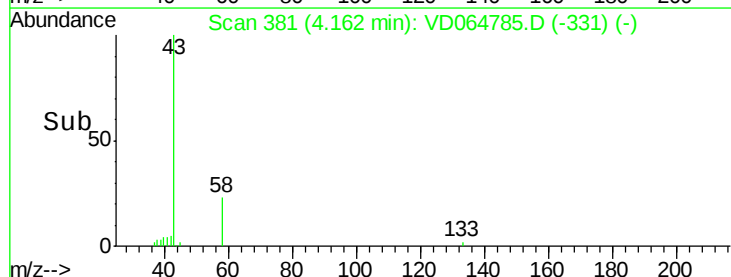
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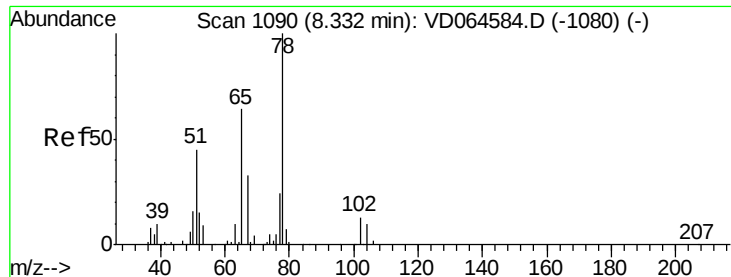
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5000

0

Time-->

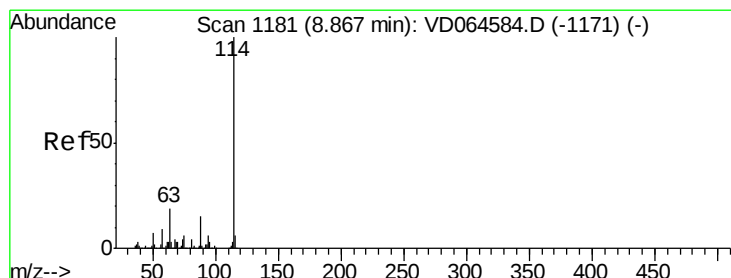
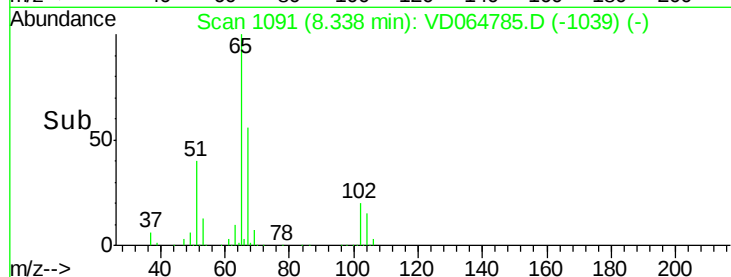
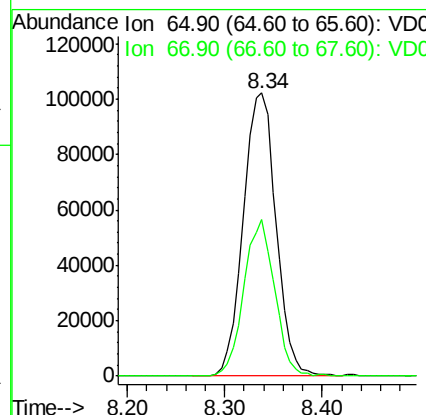
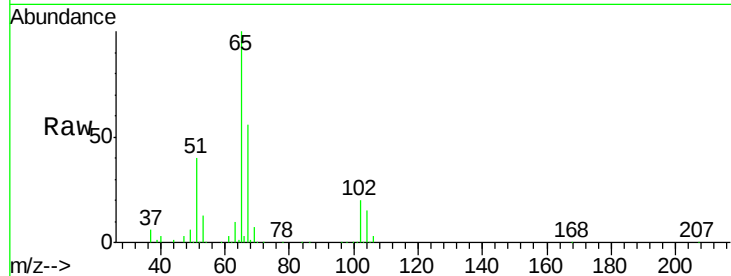




#33
 1,2-Dichloroethane-d4
 Concen: 54.745 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064785.D
 Acq: 06 Jan 2020 21:01

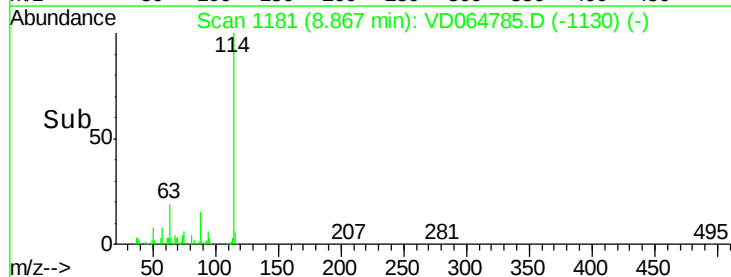
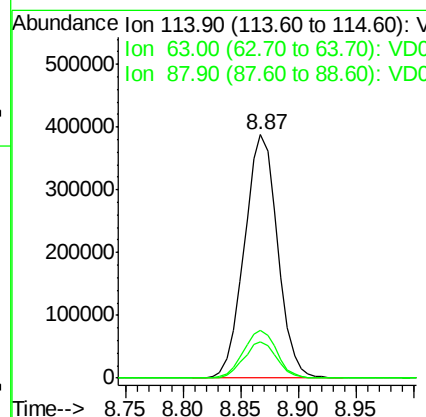
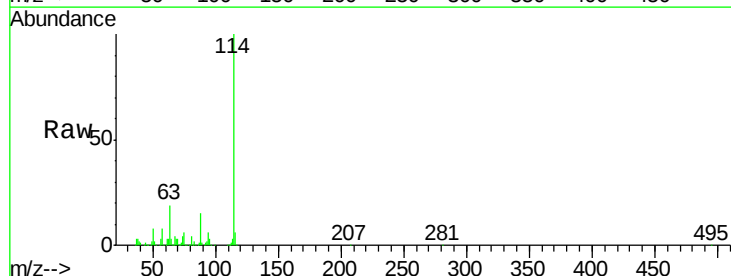
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-010620

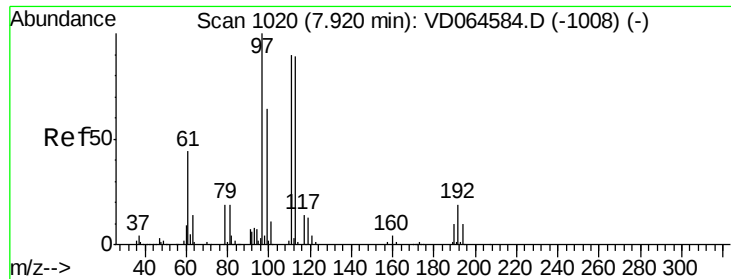
Tgt Ion: 65 Resp: 238745
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064785.D
 Acq: 06 Jan 2020 21:01

Tgt Ion: 114 Resp: 776578
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.0
 88 15.1 0.0 29.2

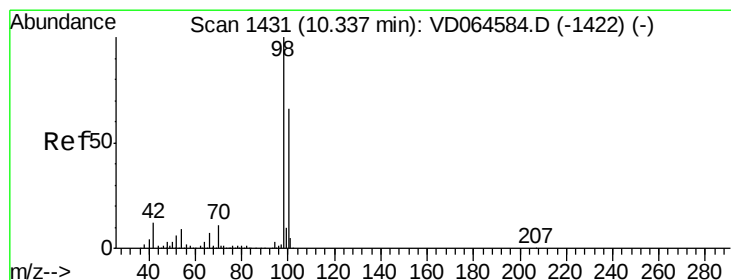
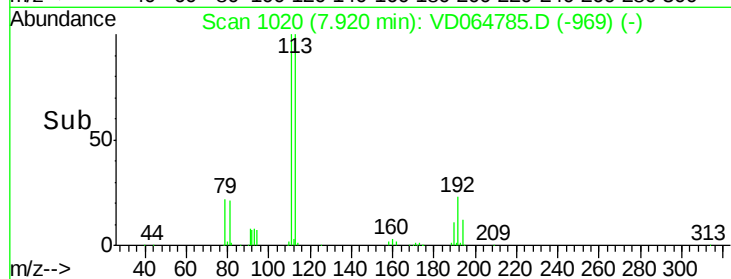
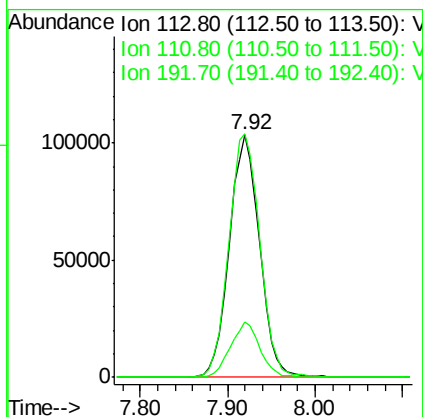
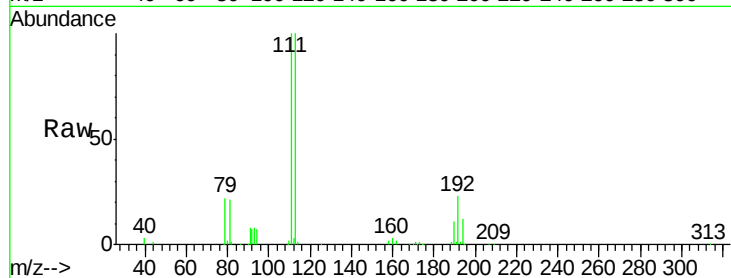




#35
 Dibromofluoromethane
 Concen: 50.636 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064785.D
 Acq: 06 Jan 2020 21:01

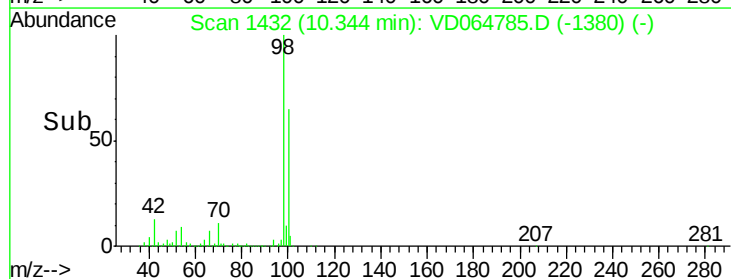
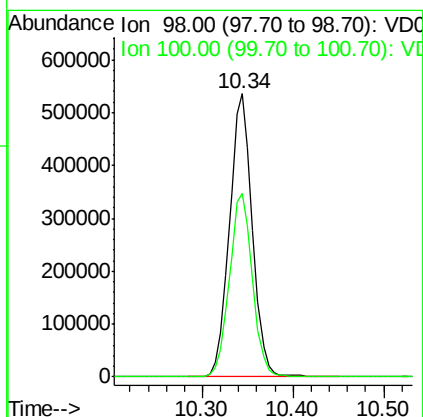
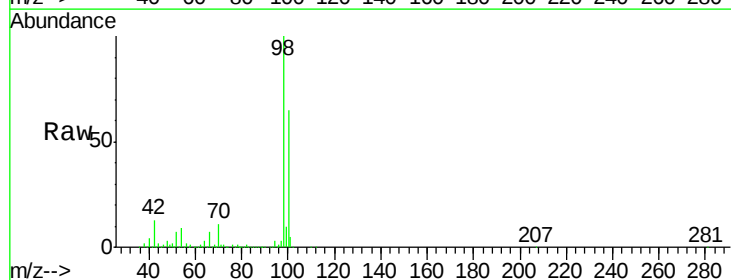
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-010620

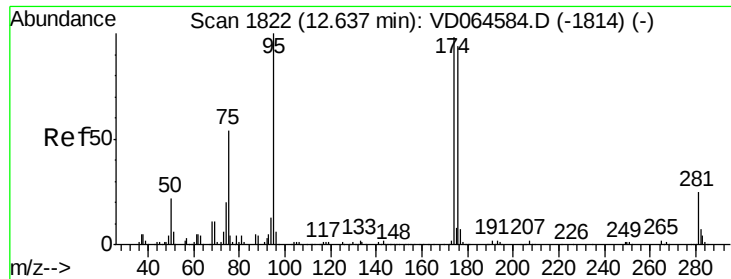
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.6	121.0
192	22.2	17.9	26.9



#50
 Toluene-d8
 Concen: 51.343 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064785.D
 Acq: 06 Jan 2020 21:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.7	77.5

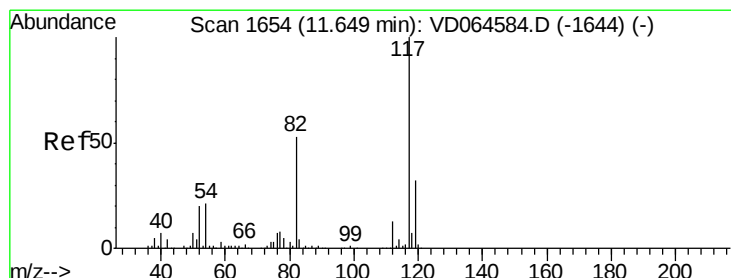
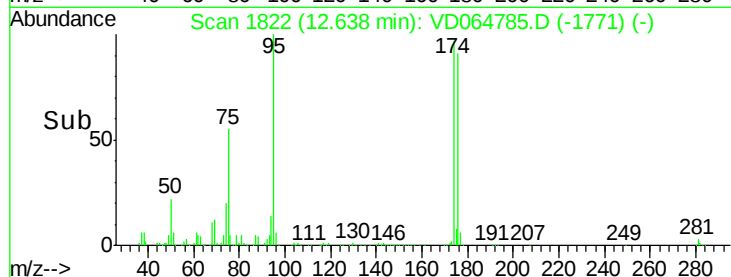
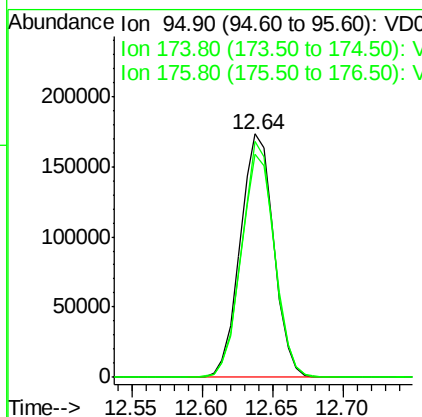
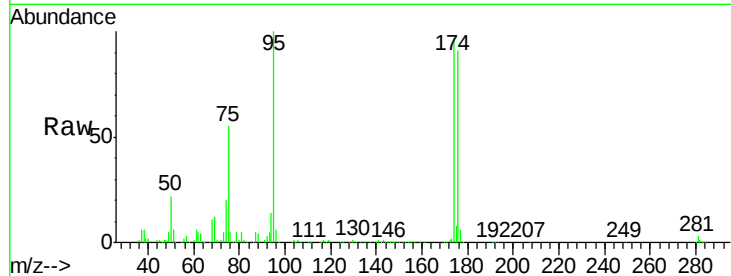




#62
4-Bromofluorobenzene
Concen: 49.874 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064785.D
Acq: 06 Jan 2020 21:01

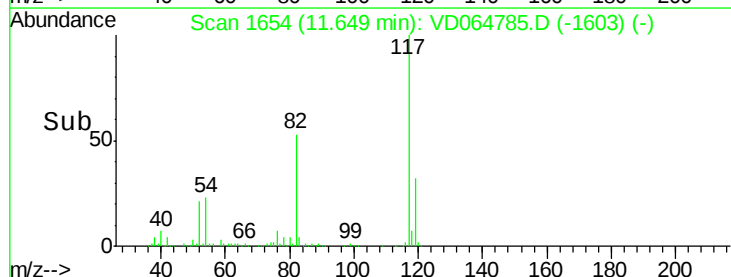
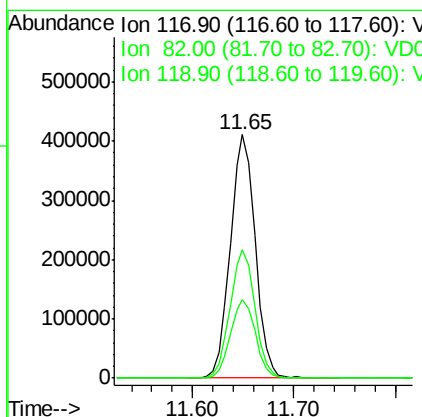
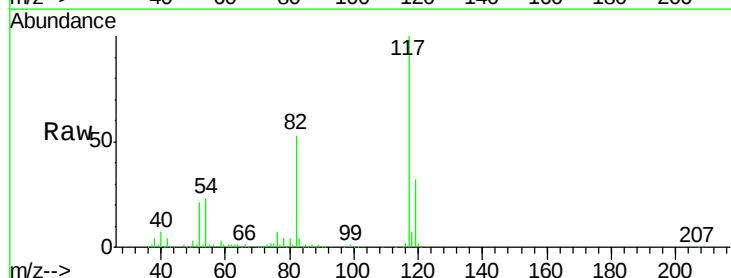
Instrument :
MSVOA_D
ClientSampleId :
TR-04-010620

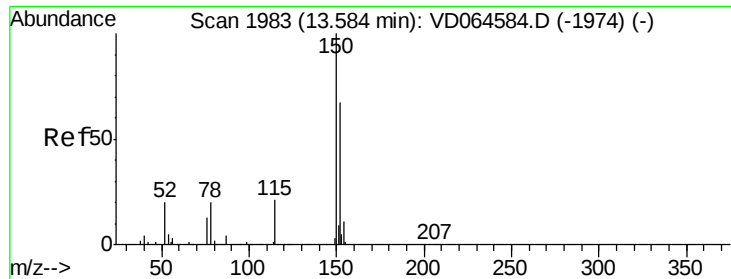
Tgt Ion: 95 Resp: 287773
Ion Ratio Lower Upper
95 100
174 94.3 0.0 193.2
176 92.0 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064785.D
Acq: 06 Jan 2020 21:01

Tgt Ion: 117 Resp: 700423
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.4
119 32.4 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064785.D

Acq: 06 Jan 2020 21:01

Instrument :

MSVOA_D

ClientSampleId :

TR-04-010620

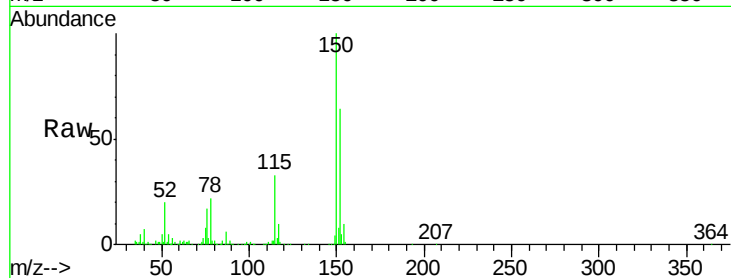
Tgt Ion:152 Resp: 323066

Ion Ratio Lower Upper

152 100

115 54.5 27.8 83.4

150 155.0 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

