

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011720\
 Data File : VD064871.D
 Acq On : 17 Jan 2020 19:05
 Operator : VA/SY
 Sample : L1176-11
 Misc : 5.21G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-9

Quant Time: Jan 17 23:53:46 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

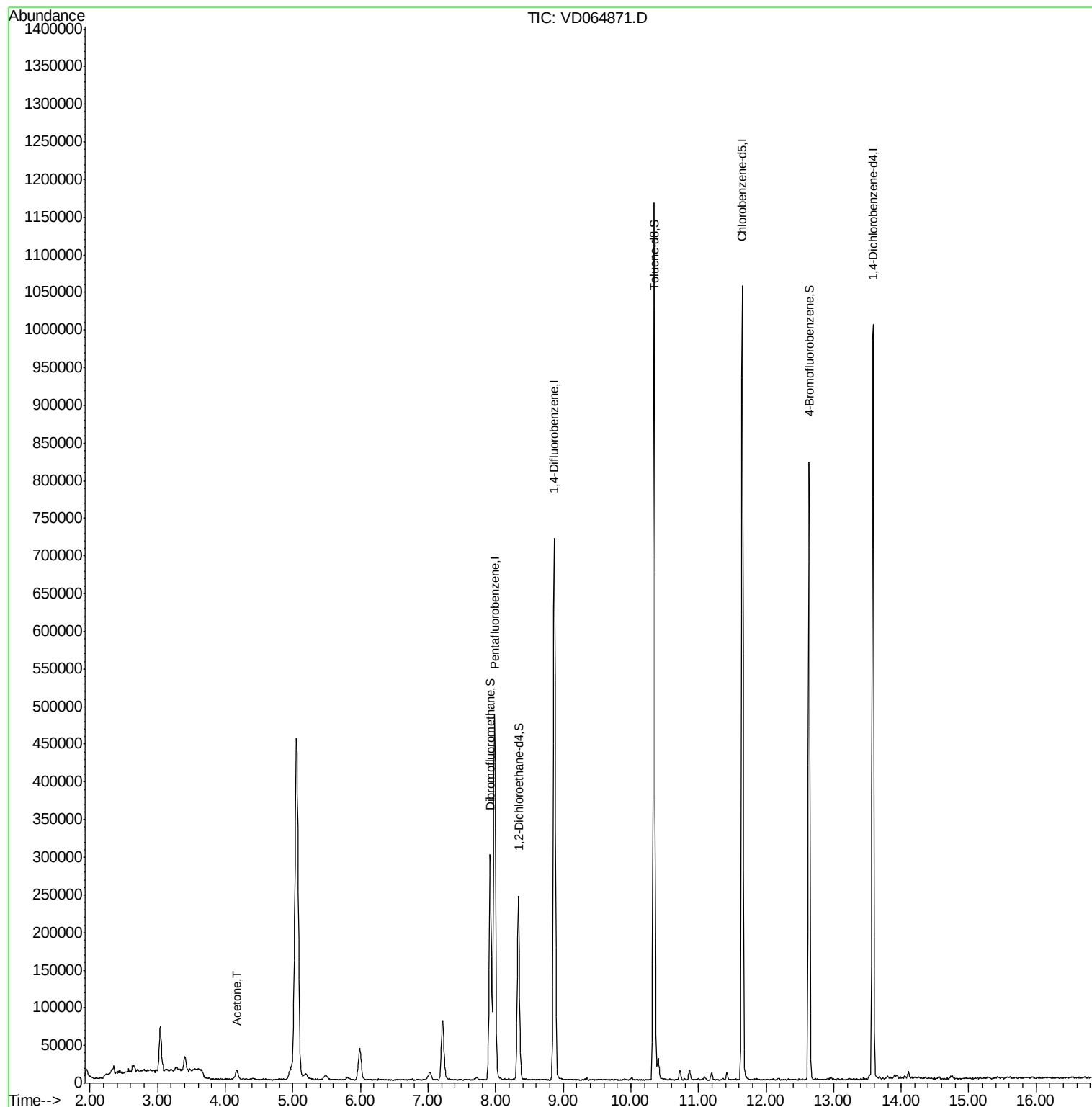
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	374251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	626684	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	583871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	271864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	192954	58.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.94%	
35) Dibromofluoromethane	7.92	113	199589	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
50) Toluene-d8	10.34	98	765735	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.64	95	236748	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
Target Compounds						
16) Acetone	4.17	43	20376	30.217	ug/l	Qvalue 96

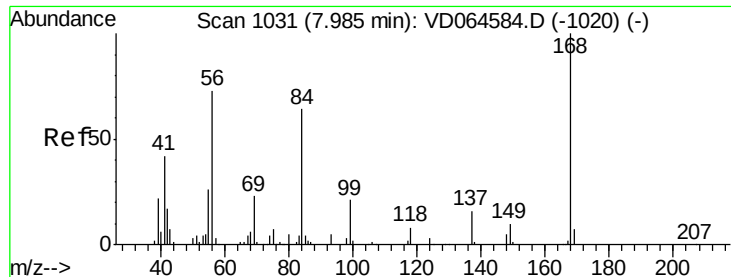
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064871.D

Acq: 17 Jan 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

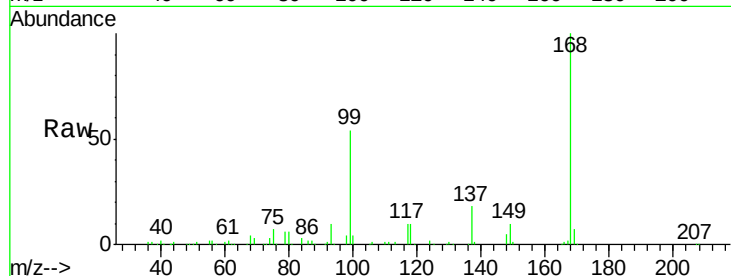
EP-9

Tot Ion:168 Resp: 374251

Ion Ratio Lower Upper

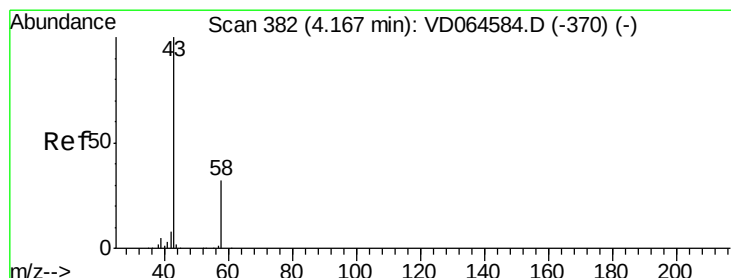
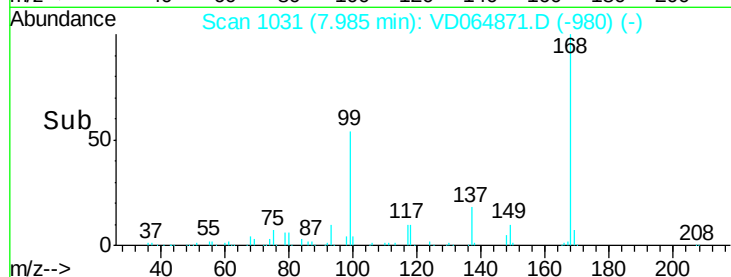
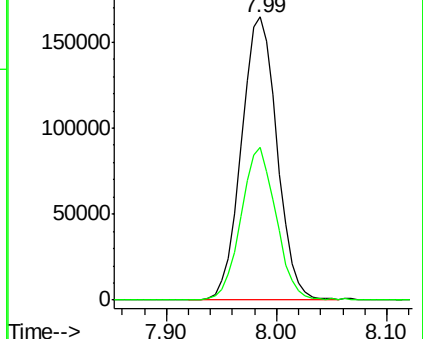
168 100

99 54.1 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 30.217 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064871.D

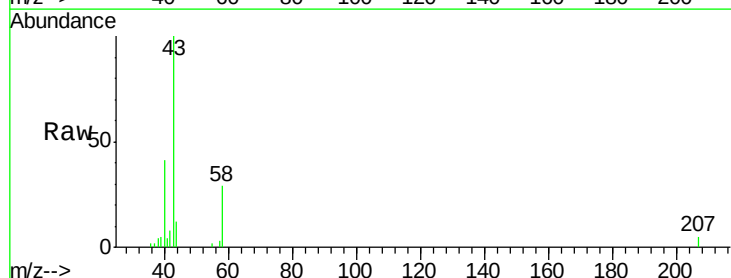
Acq: 17 Jan 2020 19:05

Tgt Ion: 43 Resp: 20376

Ion Ratio Lower Upper

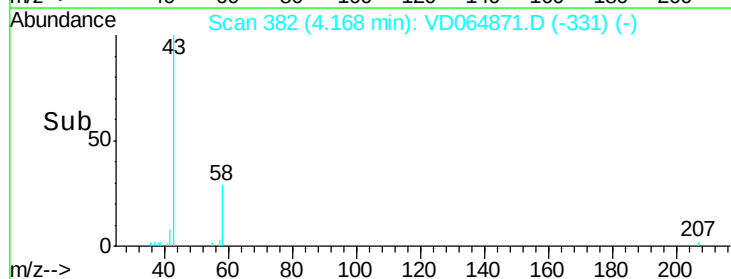
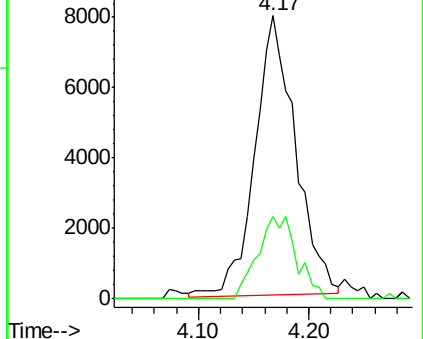
43 100

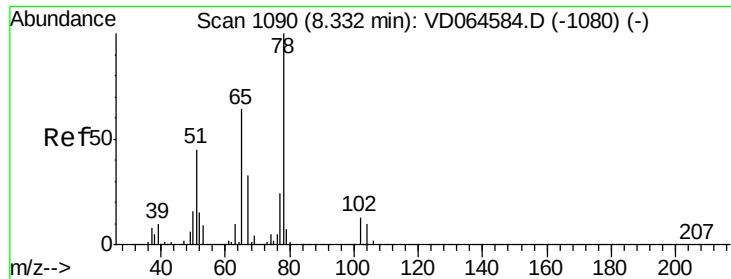
58 29.7 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

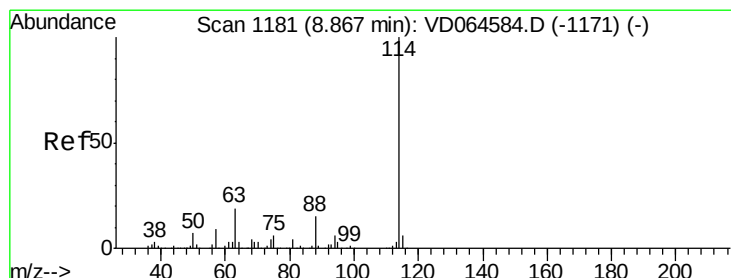
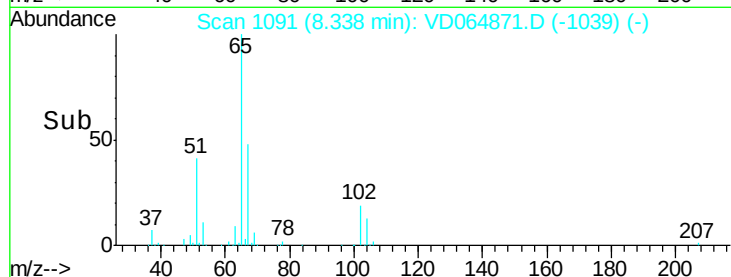
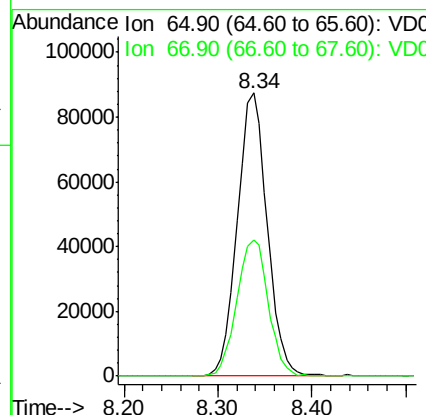
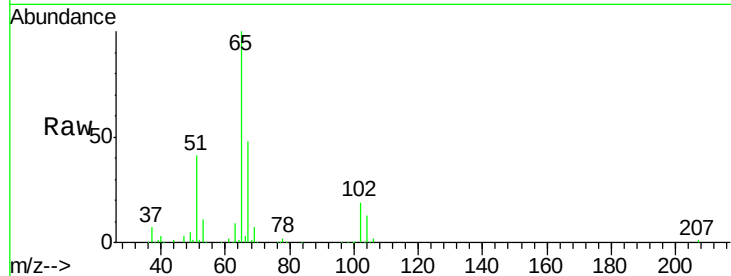




#33
 1,2-Dichloroethane-d4
 Concen: 58.469 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064871.D
 Acq: 17 Jan 2020 19:05

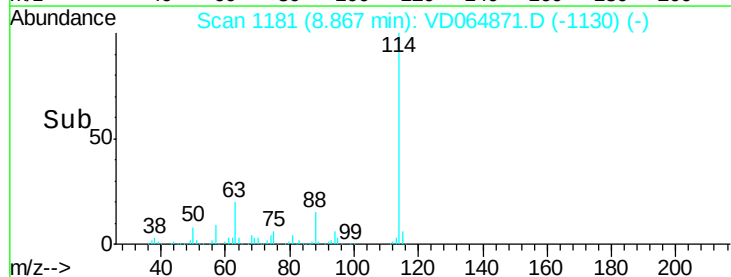
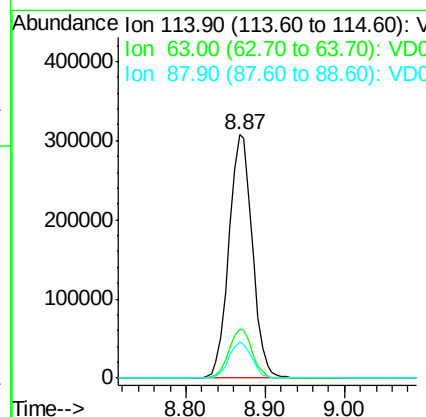
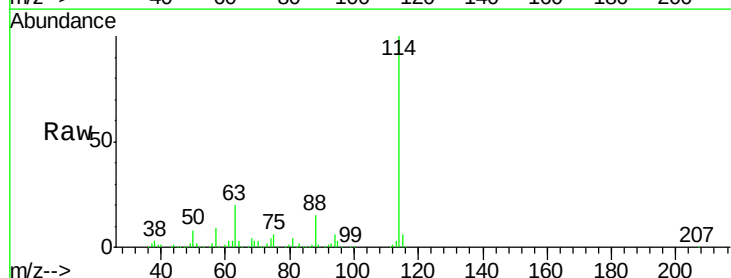
Instrument :
 MSVOA_D
 ClientSampleId :
 EP-9

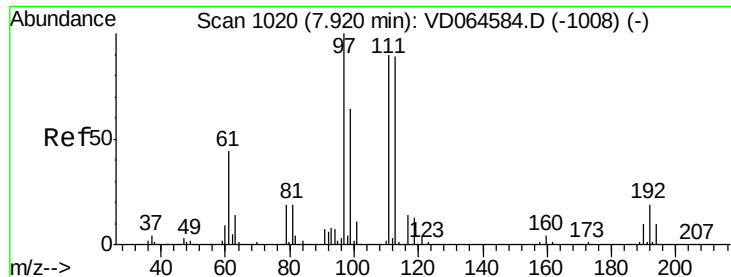
Tot Ion: 65 Resp: 192954
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064871.D
 Acq: 17 Jan 2020 19:05

Tgt Ion: 114 Resp: 626684
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.0
 88 14.8 0.0 29.2

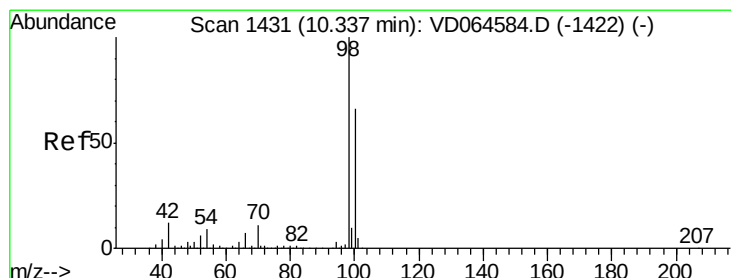
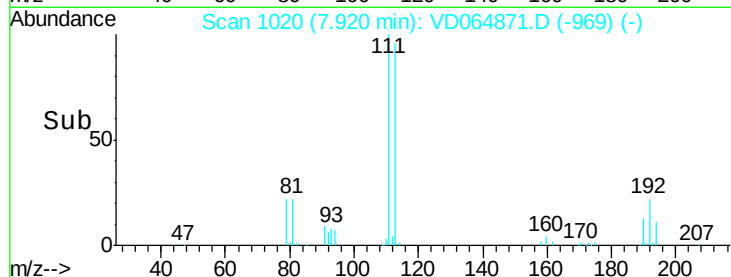
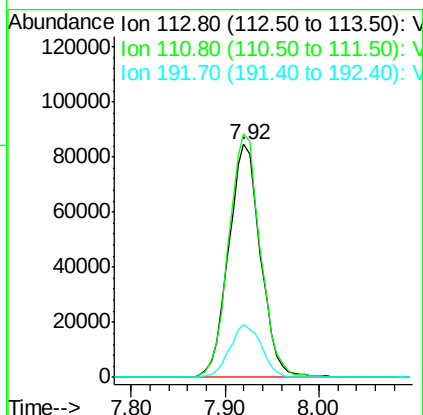
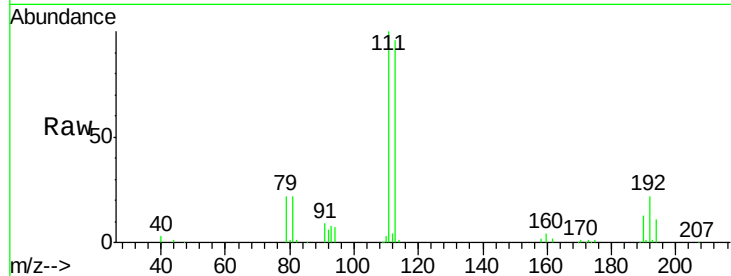




#35
 Dibromofluoromethane
 Concen: 51.911 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064871.D
 Acq: 17 Jan 2020 19:05

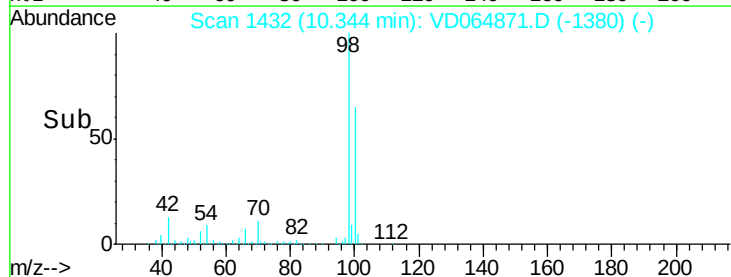
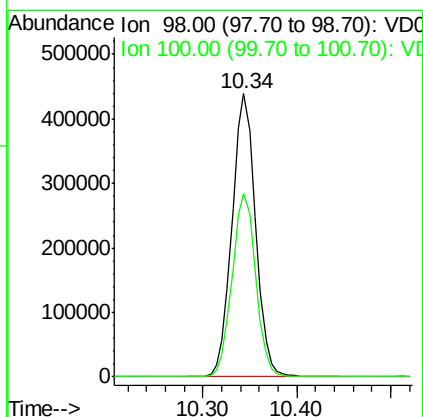
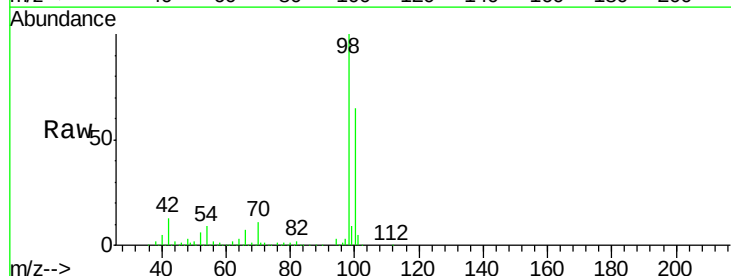
Instrument :
 MSVOA_D
 ClientSampleId :
 EP-9

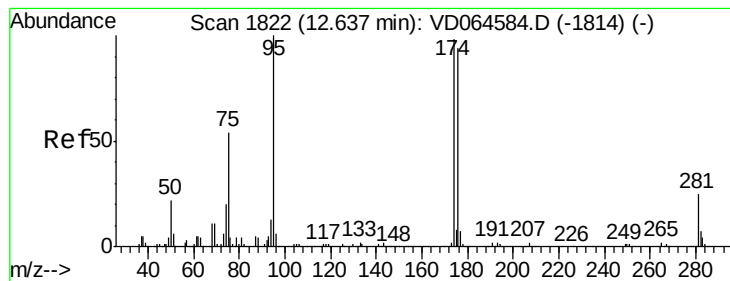
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	80.6	121.0
192	22.6	17.9	26.9



#50
 Toluene-d8
 Concen: 52.002 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064871.D
 Acq: 17 Jan 2020 19:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 50.845 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064871.D

Acq: 17 Jan 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

EP-9

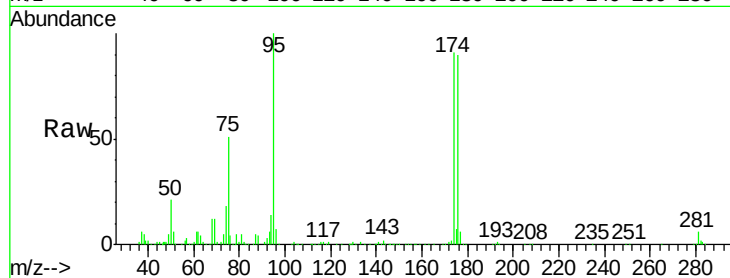
Tot Ion: 95 Resp: 236748

Ion Ratio Lower Upper

95 100

174 93.0 0.0 193.2

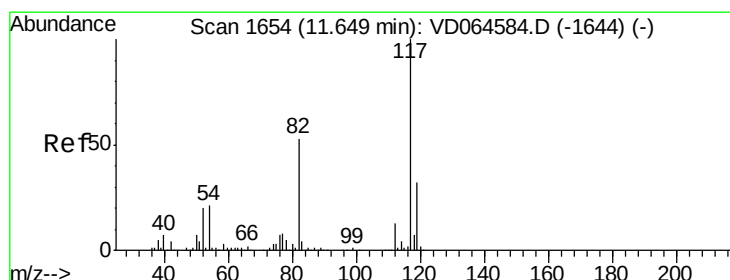
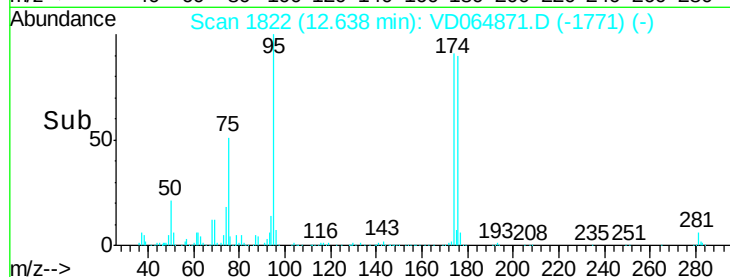
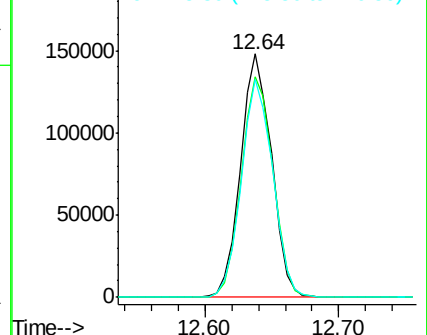
176 90.9 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064871.D

Acq: 17 Jan 2020 19:05

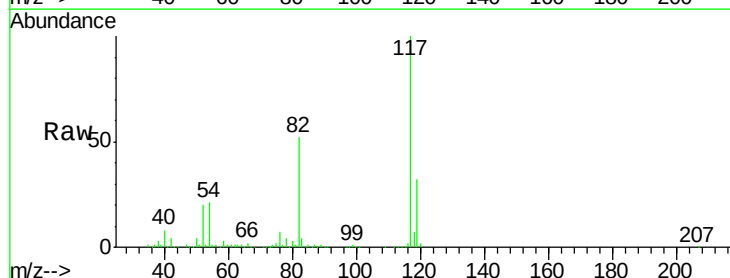
Tgt Ion: 117 Resp: 583871

Ion Ratio Lower Upper

117 100

82 52.2 42.2 63.4

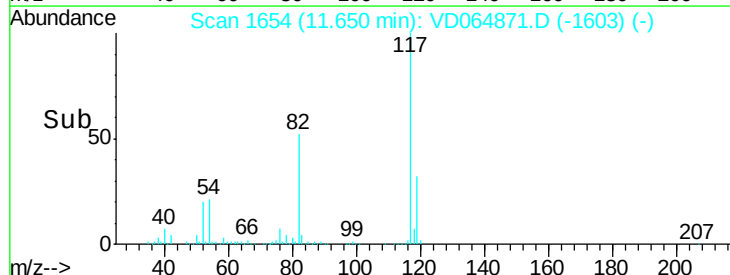
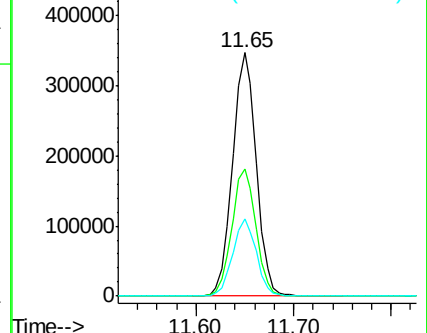
119 31.8 26.0 39.0

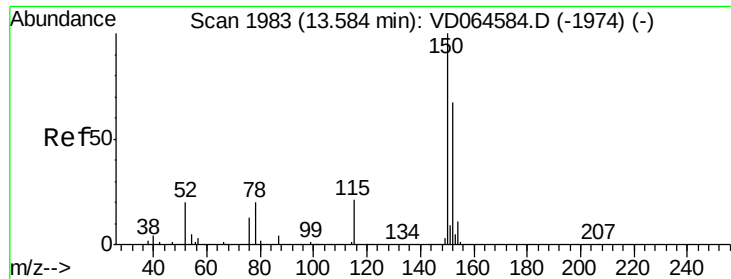


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD064871.D

Acq: 17 Jan 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

EP-9

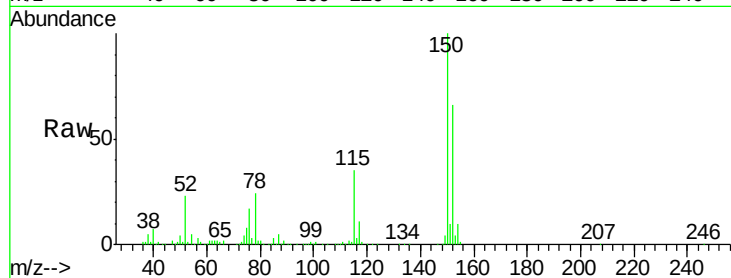
Tot Ion:152 Resp: 271864

Ion Ratio Lower Upper

152 100

115 55.6 27.8 83.4

150 156.6 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

