

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010220\
 Data File : VD064718.D
 Acq On : 02 Jan 2020 15:32
 Operator : VA/SY
 Sample : K6465-06
 Misc : 8.33G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-9-(8-10)

Quant Time: Jan 03 01:20:12 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

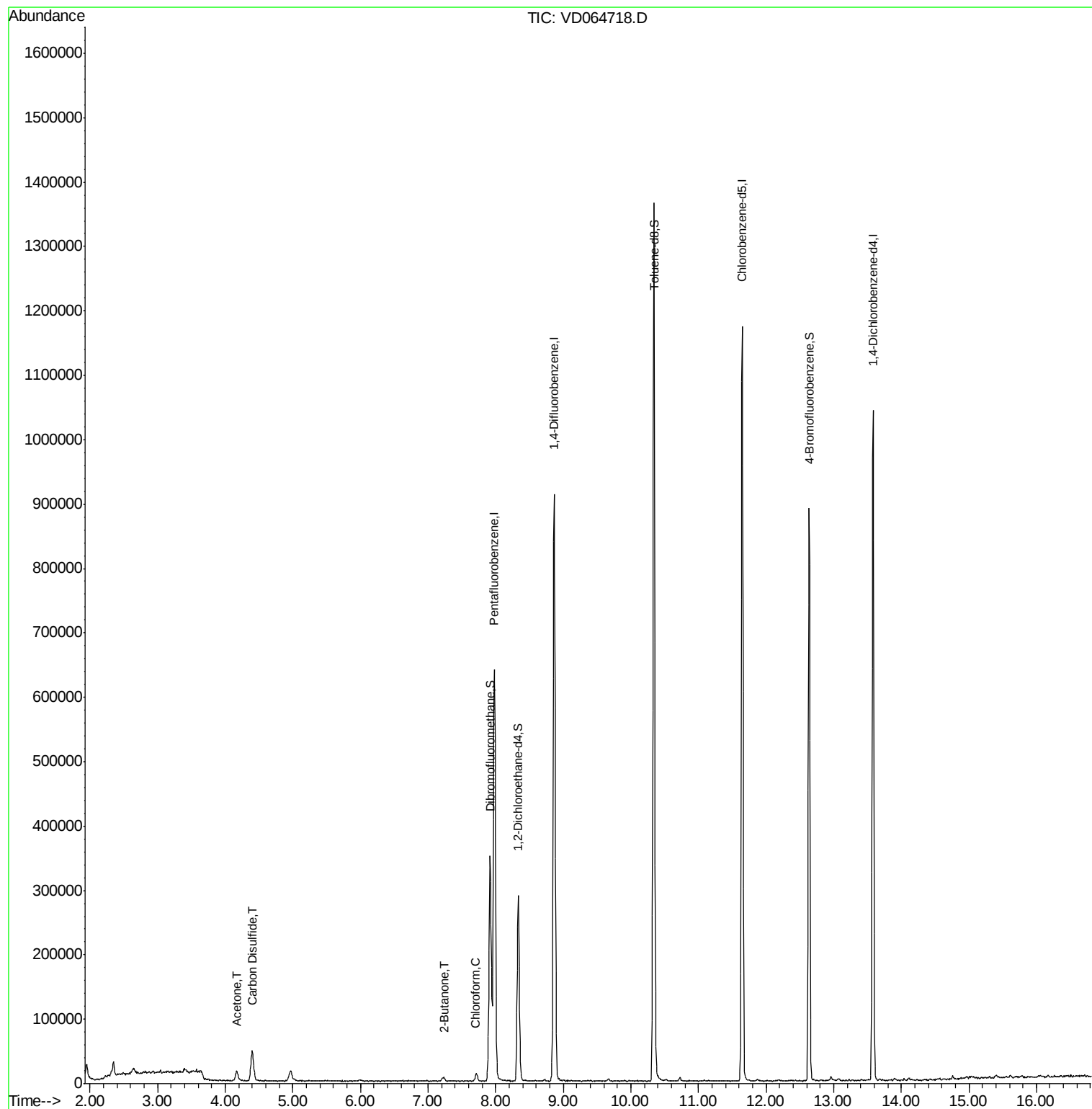
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	507019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	782002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	665534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279637	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	230015	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
35) Dibromofluoromethane	7.92	113	242985	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
50) Toluene-d8	10.34	98	921203	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.64	95	260683	44.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.74%	
Target Compounds						
16) Acetone	4.16	43	26640	29.297	ug/l #	81
17) Carbon Disulfide	4.40	76	98876	6.855	ug/l	99
25) 2-Butanone	7.23	43	8535	6.945	ug/l	95
30) Chloroform	7.71	83	10973	1.256	ug/l	96

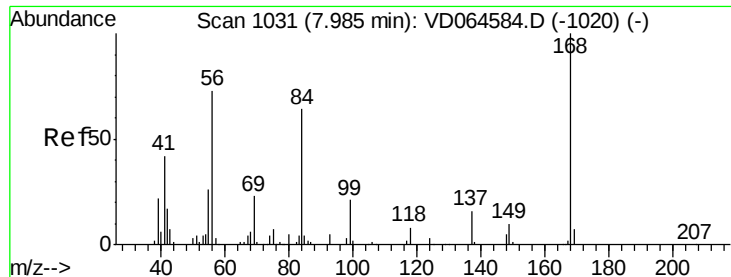
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064718.D

Acq: 02 Jan 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

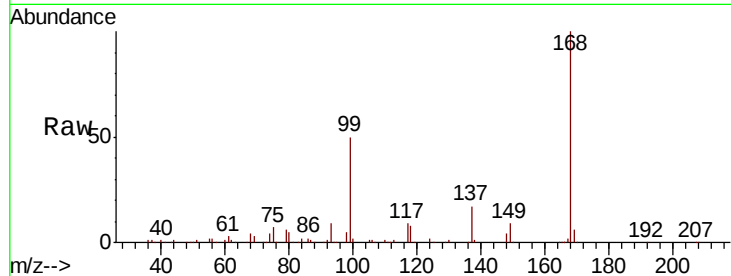
GP-9-(8-10)

Tot Ion:168 Resp: 507019

Ion Ratio Lower Upper

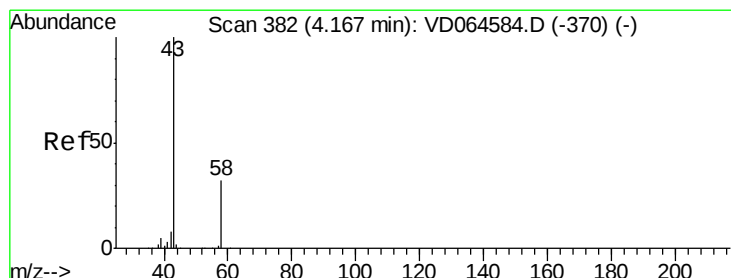
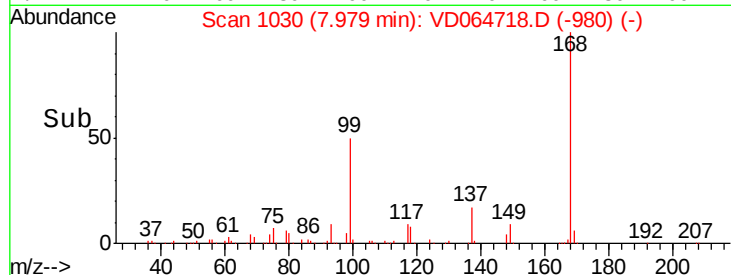
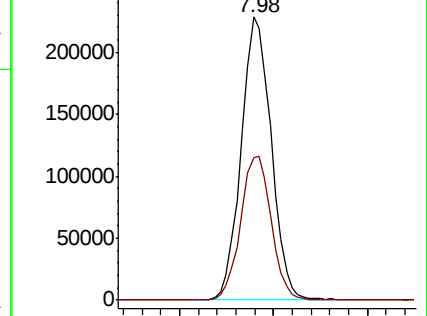
168 100

99 50.4 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: 29.297 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064718.D

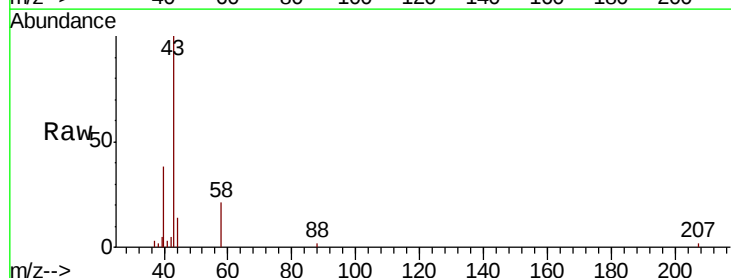
Acq: 02 Jan 2020 15:32

Tgt Ion: 43 Resp: 26640

Ion Ratio Lower Upper

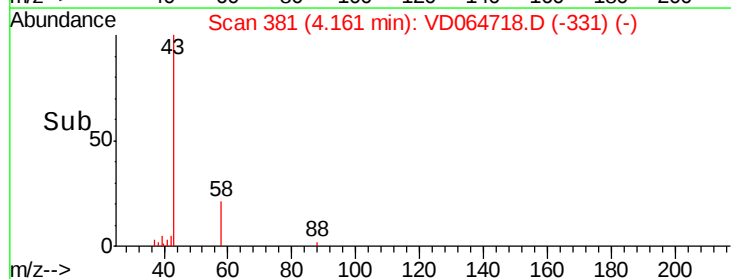
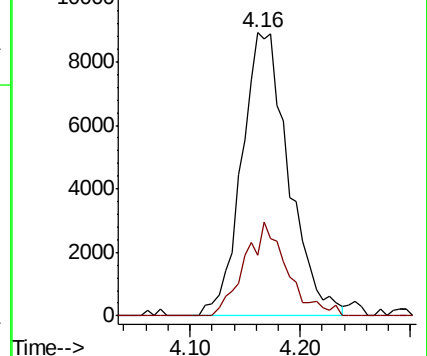
43 100

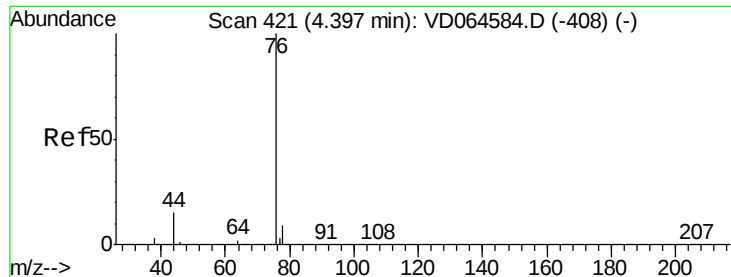
58 21.4 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

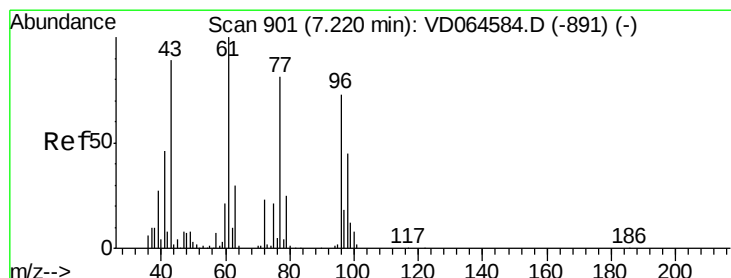
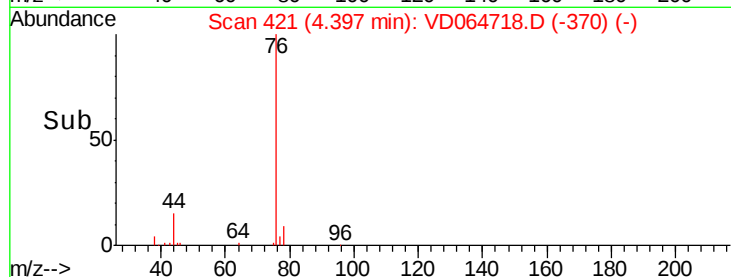
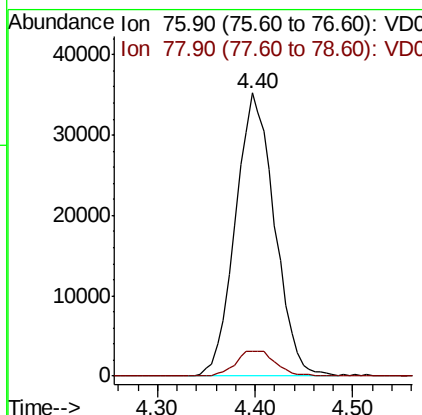
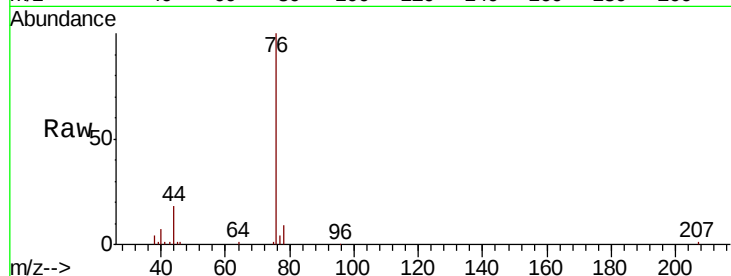




#17
Carbon Disulfide
Concen: 6.855 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.00 min
Lab File: VD064718.D
Acq: 02 Jan 2020 15:32

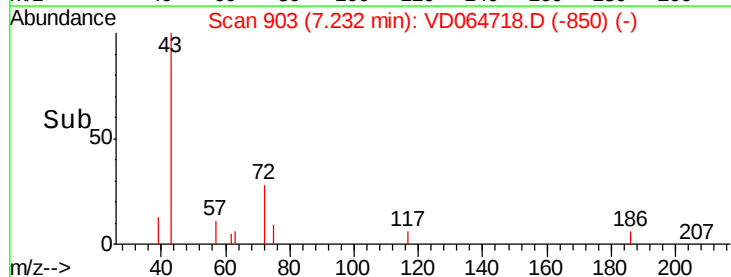
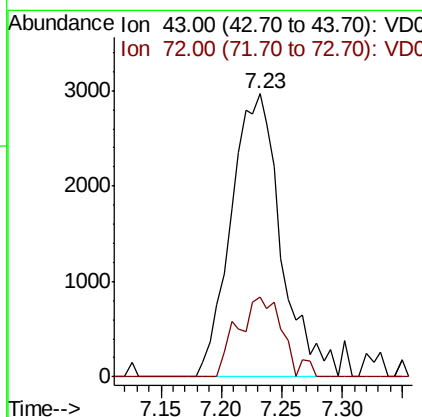
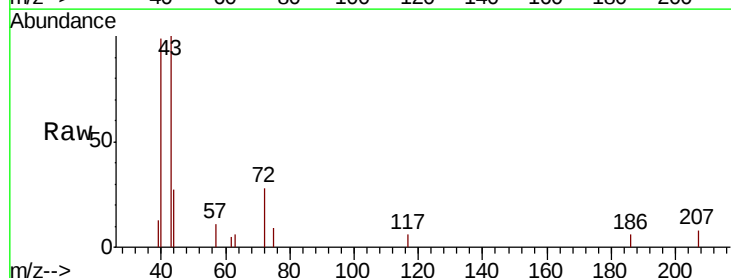
Instrument :
MSVOA_D
ClientSampleId :
GP-9-(8-10)

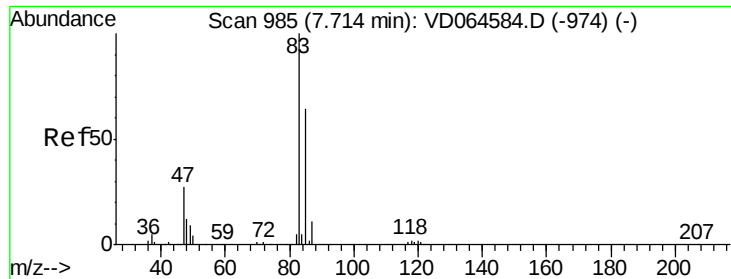
Tot Ion: 76 Resp: 98876
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#25
2-Butanone
Concen: 6.945 ug/l
RT: 7.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD064718.D
Acq: 02 Jan 2020 15:32

Tgt Ion: 43 Resp: 8535
Ion Ratio Lower Upper
43 100
72 28.3 20.7 31.1

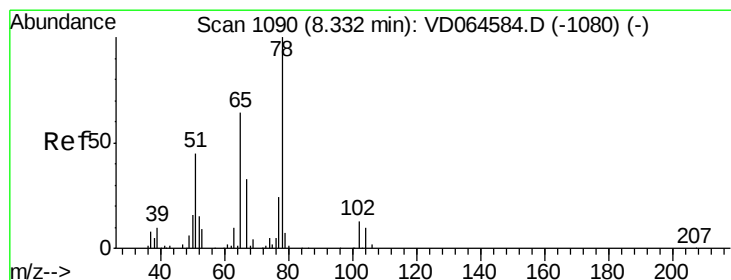
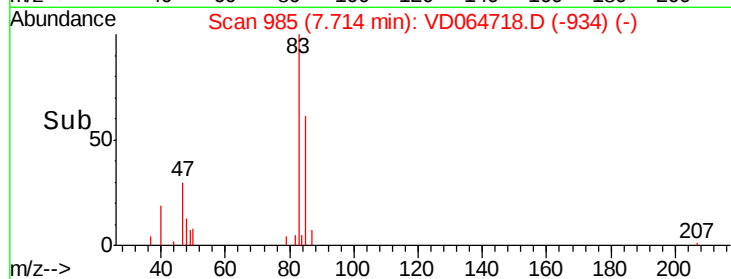
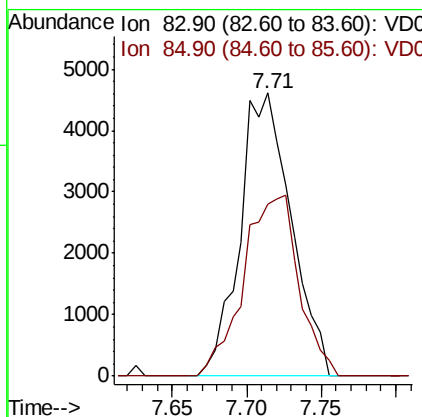
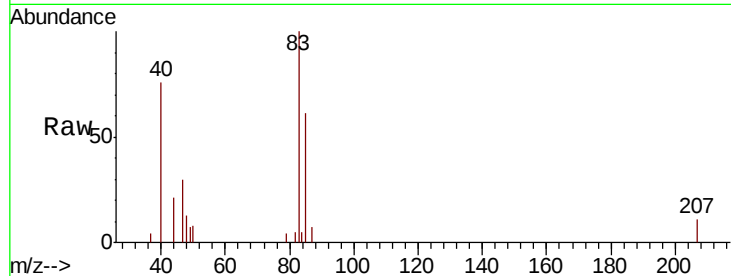




#30
Chloroform
Concen: 1.256 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064718.D
Acq: 02 Jan 2020 15:32

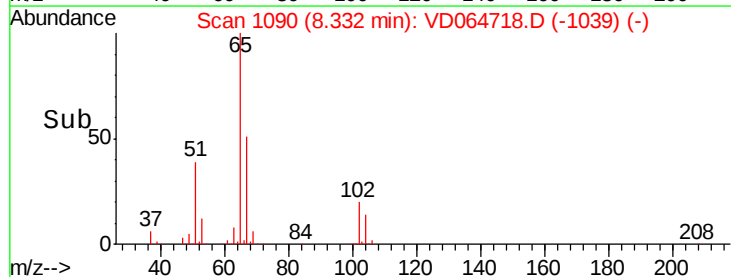
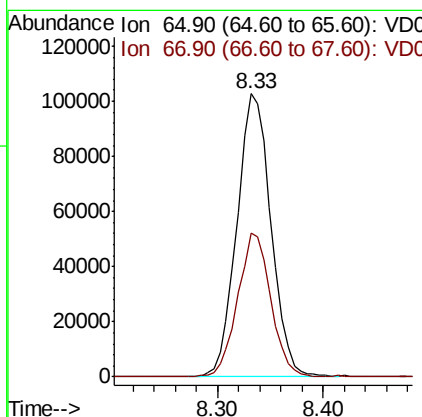
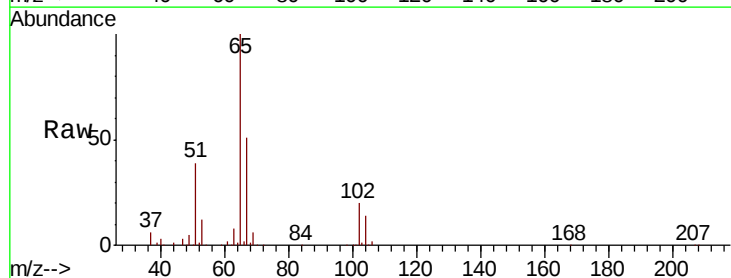
Instrument :
MSVOA_D
ClientSampleId :
GP-9-(8-10)

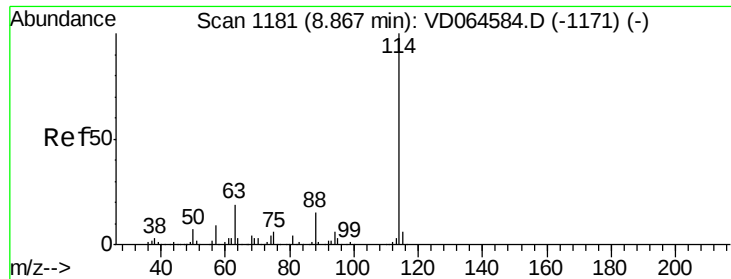
Tot Ion: 83 Resp: 10973
Ion Ratio Lower Upper
83 100
85 60.7 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 51.448 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD064718.D
Acq: 02 Jan 2020 15:32

Tgt Ion: 65 Resp: 230015
Ion Ratio Lower Upper
65 100
67 49.4 0.0 106.2

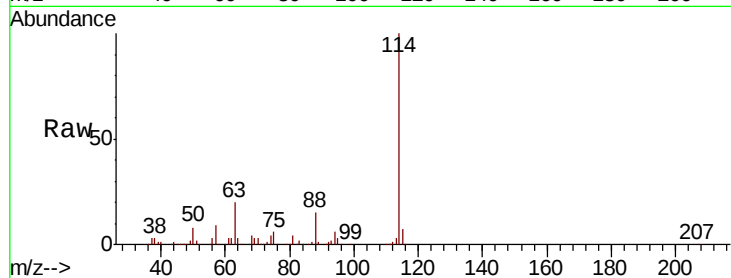




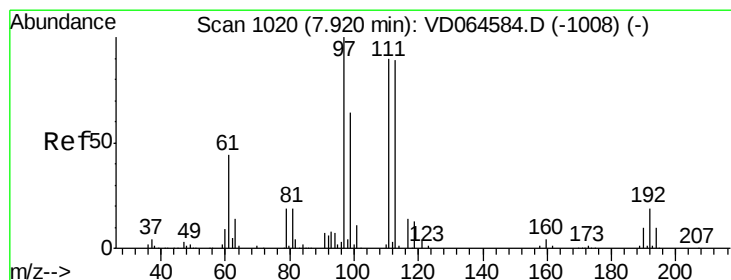
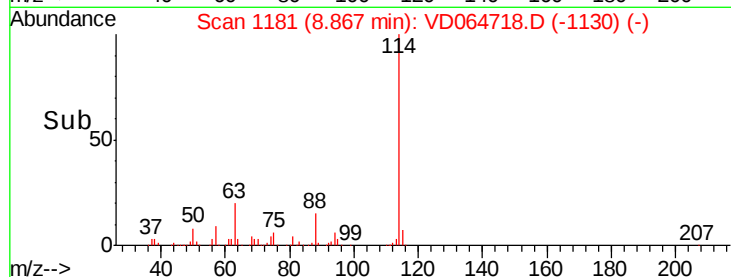
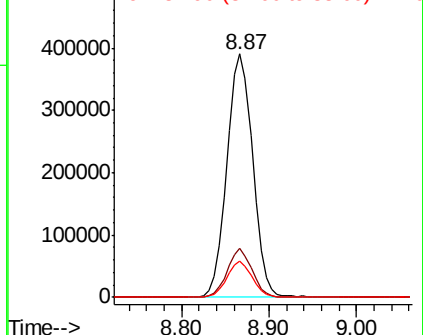
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064718.D
Acq: 02 Jan 2020 15:32

Instrument :
MSVOA_D
ClientSampled :
GP-9-(8-10)

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	38.0
88	14.9	0.0	29.2

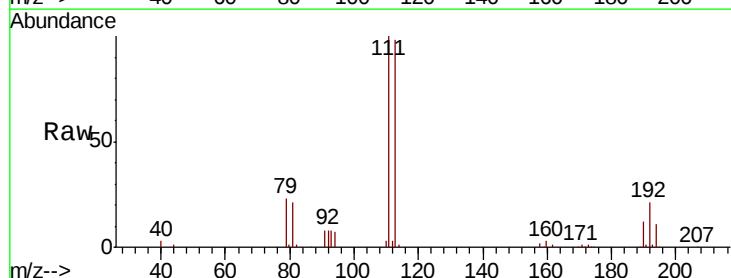


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

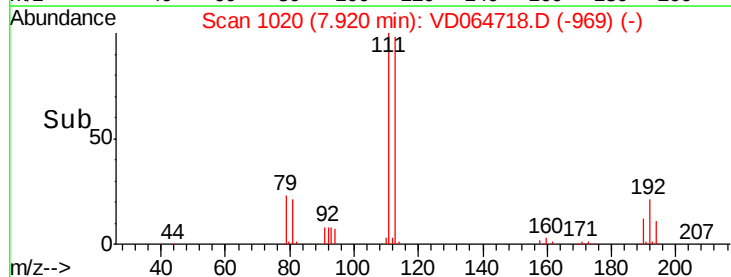
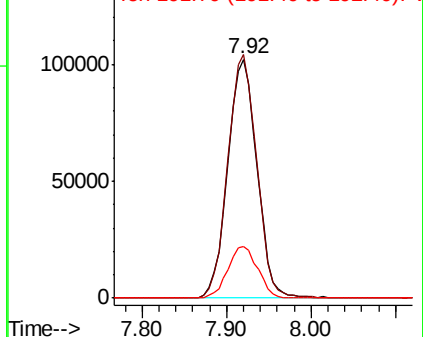


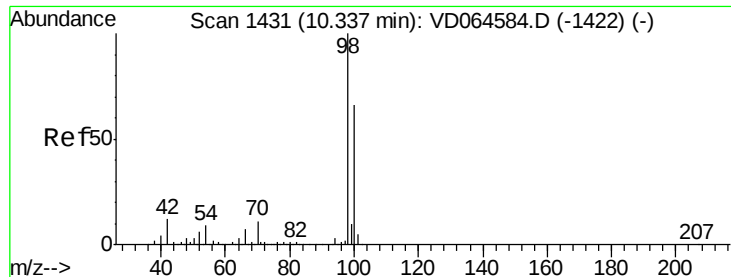
#35
Dibromofluoromethane
Concen: 50.646 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064718.D
Acq: 02 Jan 2020 15:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	80.6	121.0
192	22.3	17.9	26.9



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

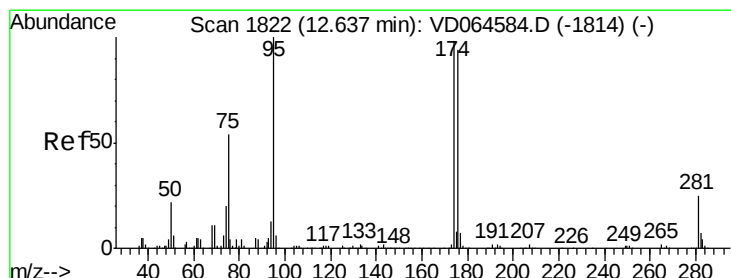
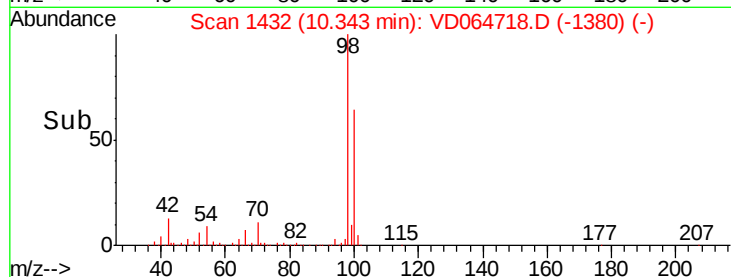
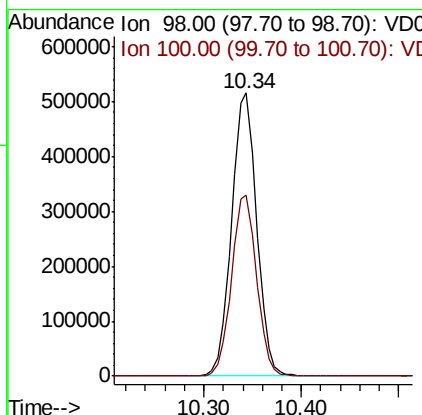
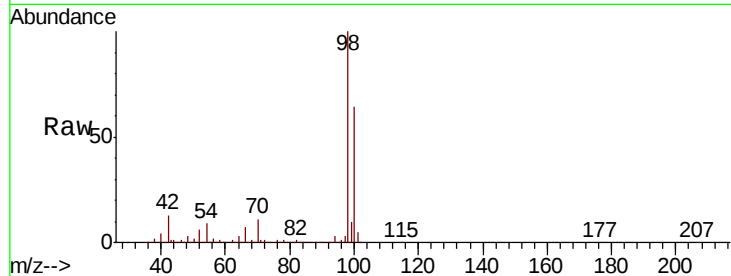




#50
Toluene-d8
Concen: 50.134 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064718.D
Acq: 02 Jan 2020 15:32

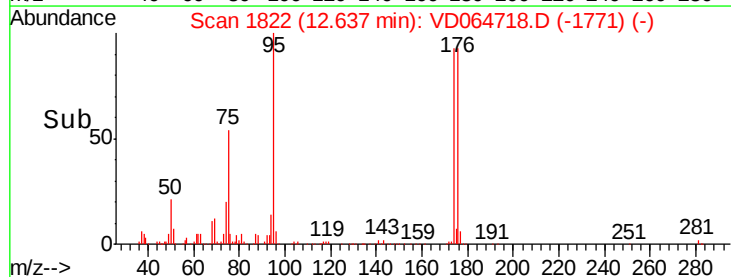
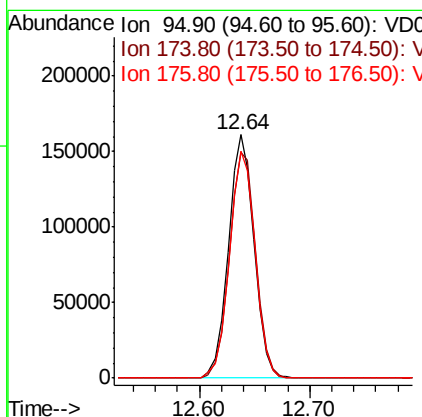
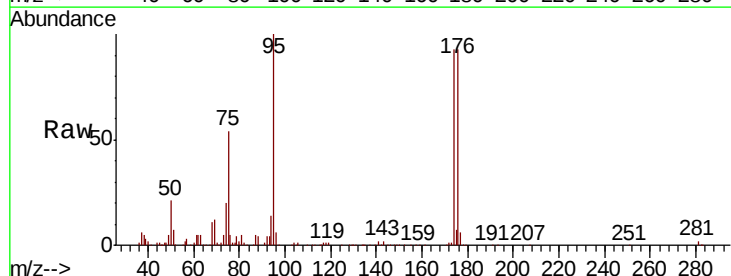
Instrument :
MSVOA_D
ClientSampleId :
GP-9-(8-10)

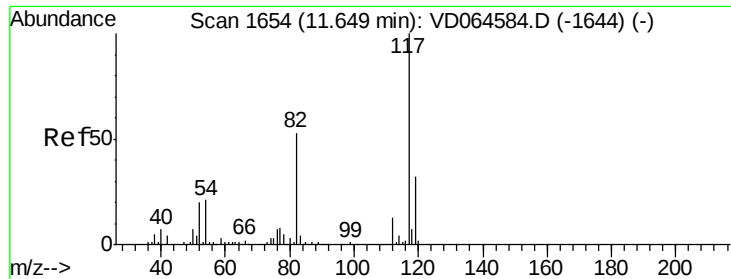
Tot Ion: 98 Resp: 921203
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.866 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064718.D
Acq: 02 Jan 2020 15:32

Tgt Ion: 95 Resp: 260683
Ion Ratio Lower Upper
95 100
174 95.4 0.0 193.2
176 94.0 0.0 184.2

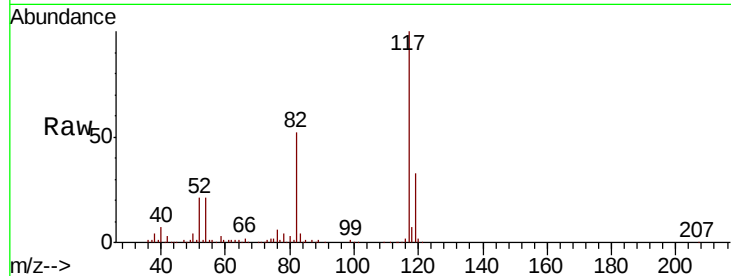




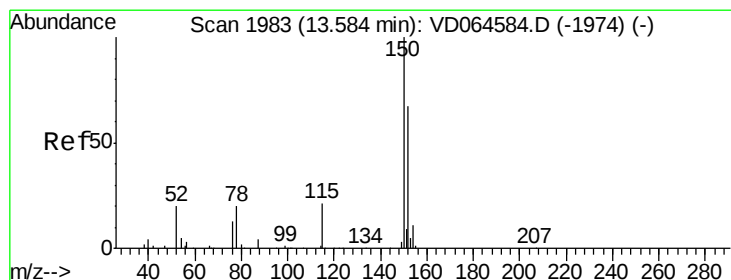
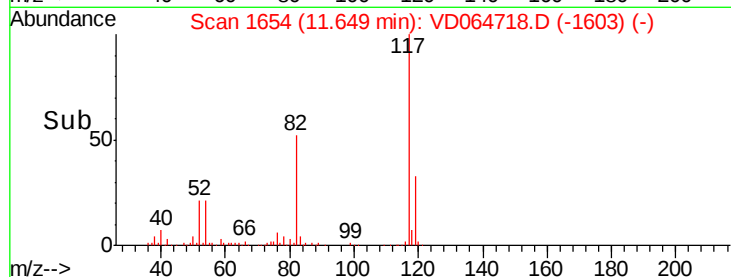
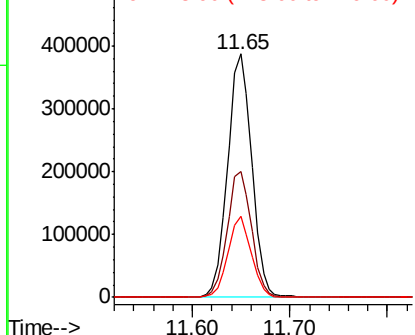
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064718.D
Acq: 02 Jan 2020 15:32

Instrument :
MSVOA_D
ClientSampleId :
GP-9-(8-10)

Tot Ion:117 Resp: 665534
Ion Ratio Lower Upper
117 100
82 51.8 42.2 63.4
119 33.2 26.0 39.0

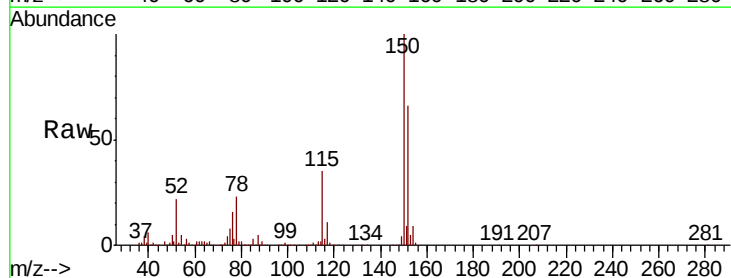


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064718.D
Acq: 02 Jan 2020 15:32

Tgt Ion:152 Resp: 279637
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.4
150 155.5 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

