

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010920\
 Data File : VD064815.D
 Acq On : 09 Jan 2020 14:23
 Operator : VA/SY
 Sample : L1051-01
 Misc : 6.95G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4G-(16)

Quant Time: Jan 09 15:44:11 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

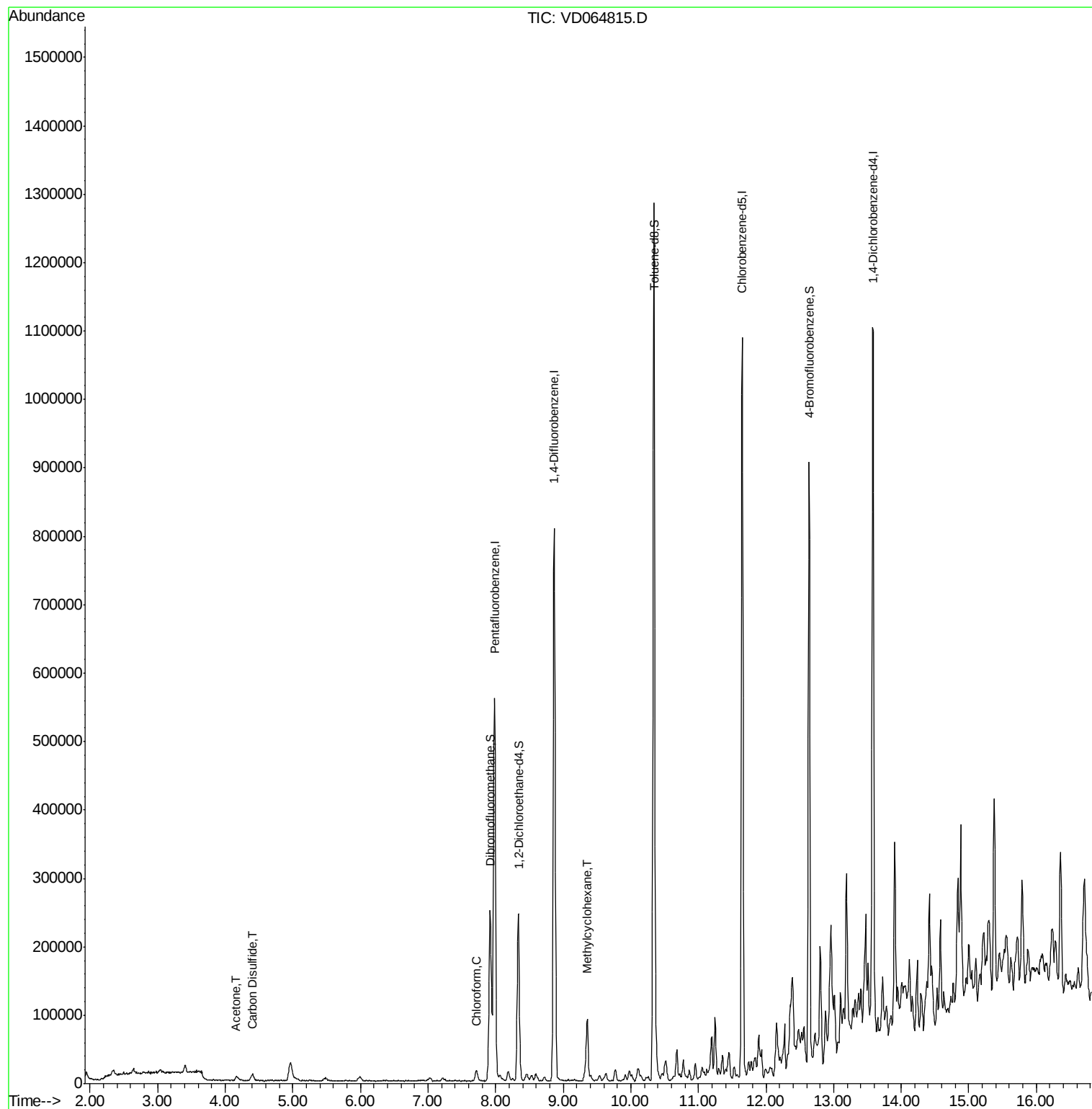
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	427353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	676040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	612352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	284207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	194091	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
35) Dibromofluoromethane	7.92	113	176169	42.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.94%	
50) Toluene-d8	10.34	98	823721	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	12.64	95	256269	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
Target Compounds						
16) Acetone	4.17	43	11461	16.938	ug/l	98
17) Carbon Disulfide	4.40	76	20399	1.678	ug/l	98
30) Chloroform	7.71	83	14517	1.971	ug/l	86
39) Methylcyclohexane	9.36	83	34266	4.348	ug/l	96

(#) = 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: VD064815.D

Acq: 09 Jan 2020 14:23

Instrument :

MSVOA_D

ClientSampleId :

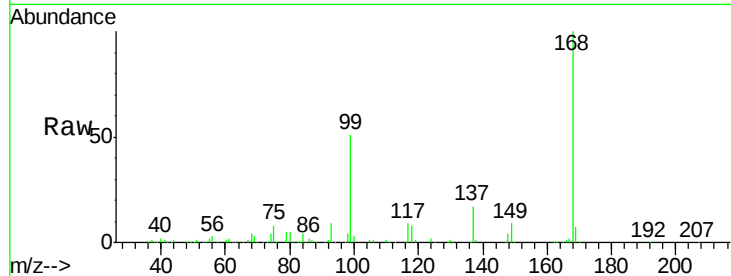
SB-4G-(16)

Tot Ion:168 Resp: 427353

Ion Ratio Lower Upper

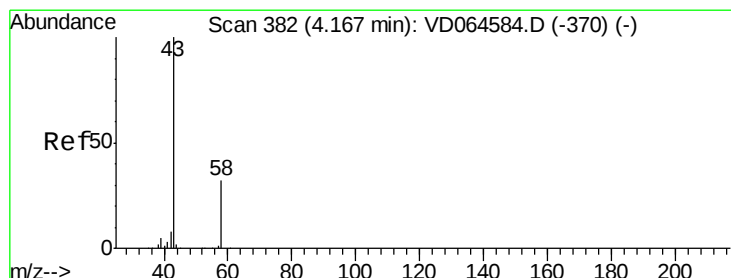
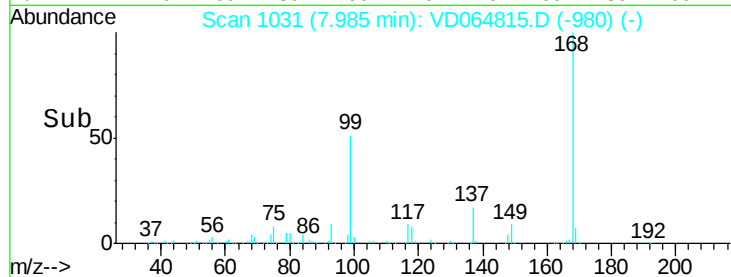
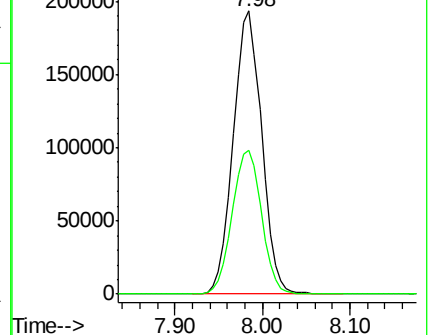
168 100

99 50.7 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: 16.938 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064815.D

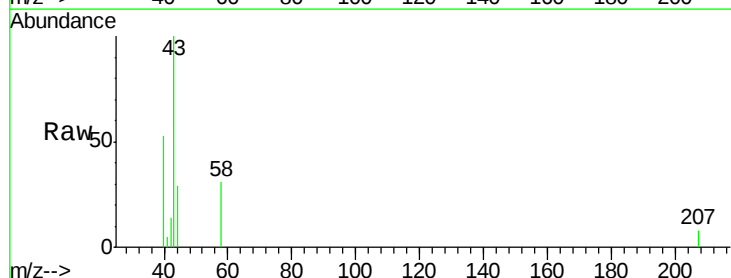
Acq: 09 Jan 2020 14:23

Tgt Ion: 43 Resp: 11461

Ion Ratio Lower Upper

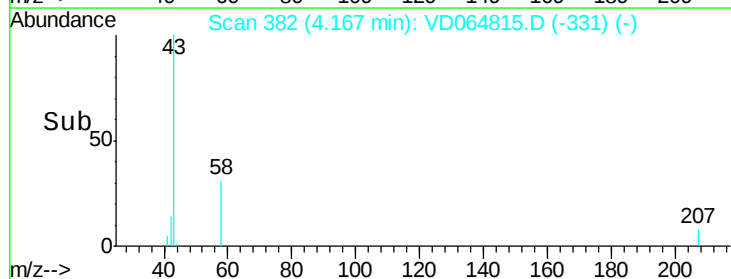
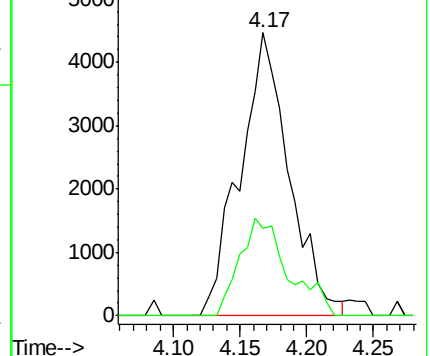
43 100

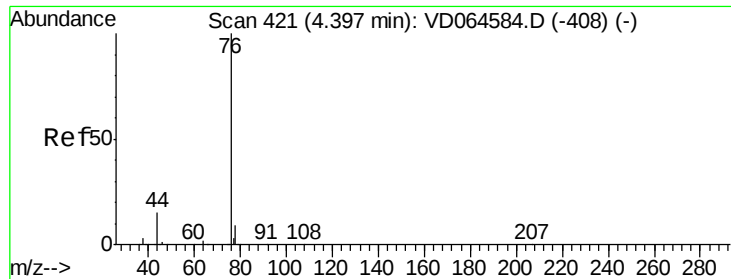
58 31.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

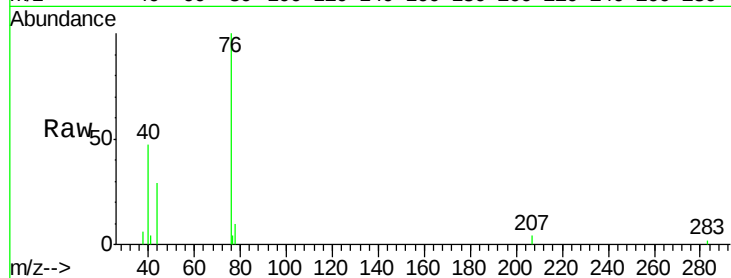




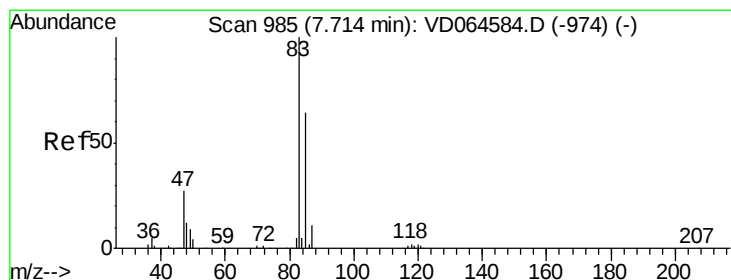
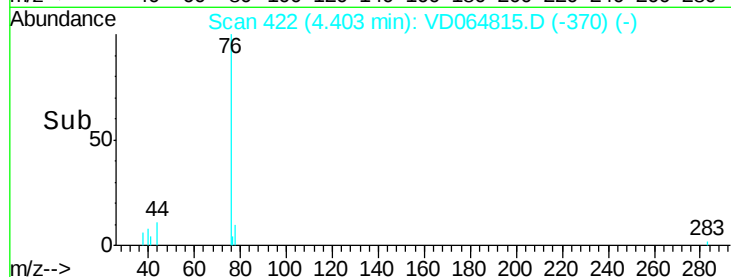
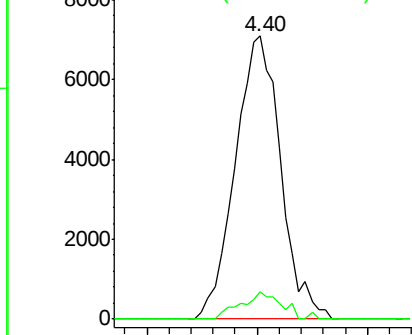
#17
Carbon Disulfide
Concen: 1.678 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD064815.D
Acq: 09 Jan 2020 14:23

Instrument :
MSVOA_D
ClientSampleId :
SB-4G-(16)

Tot Ion: 76 Resp: 20399
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9

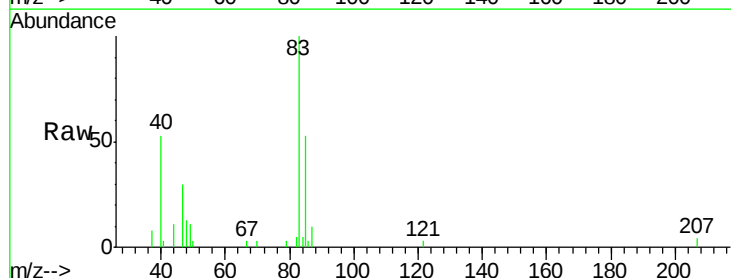


Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC

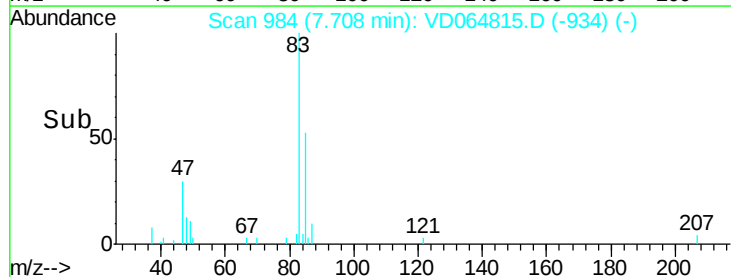
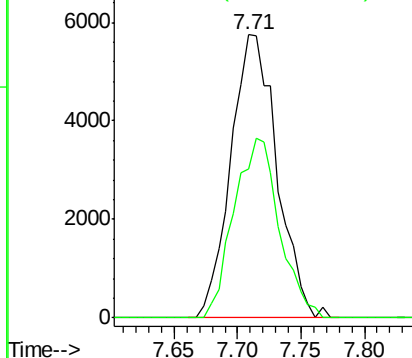


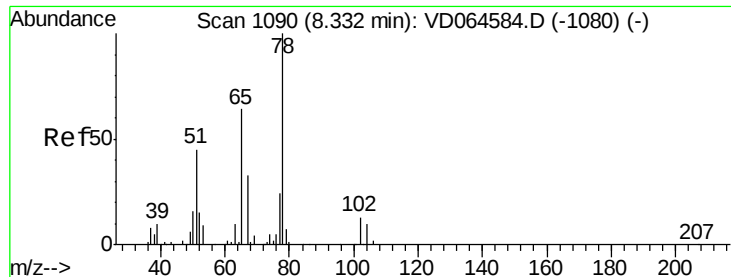
#30
Chloroform
Concen: 1.971 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064815.D
Acq: 09 Jan 2020 14:23

Tgt Ion: 83 Resp: 14517
Ion Ratio Lower Upper
83 100
85 52.8 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC

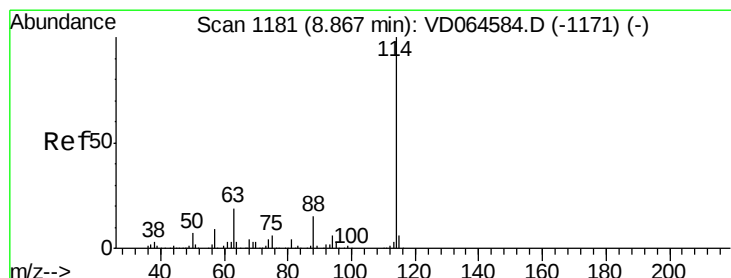
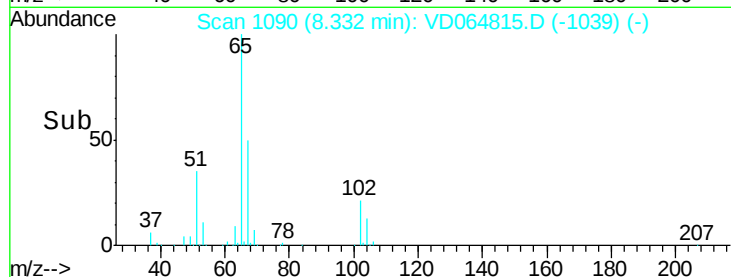
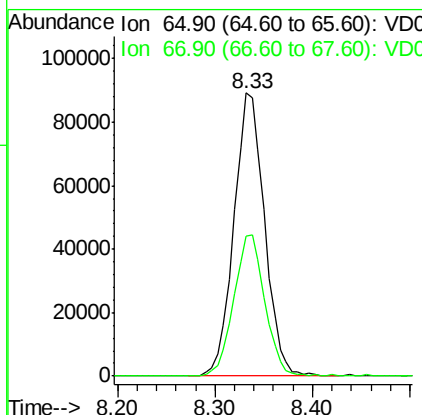
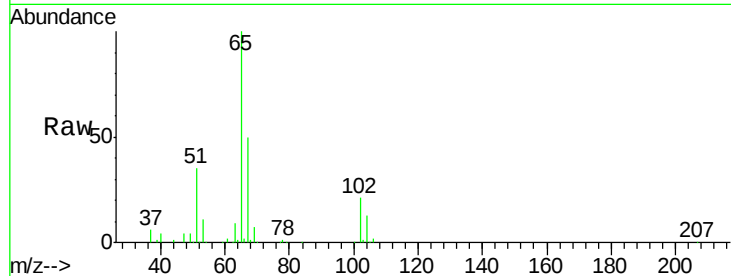




#33
 1,2-Dichloroethane-d4
 Concen: 51.506 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064815.D
 Acq: 09 Jan 2020 14:23

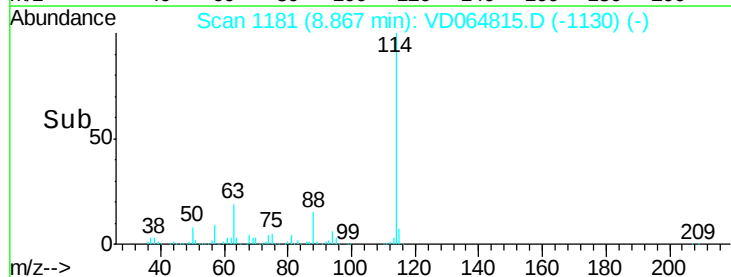
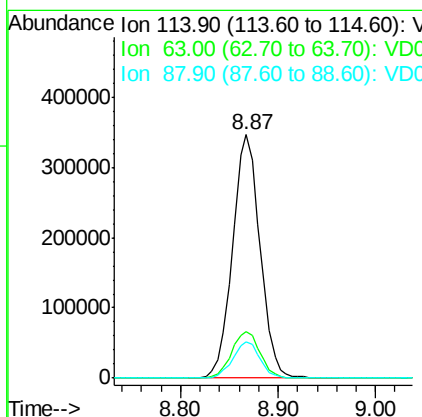
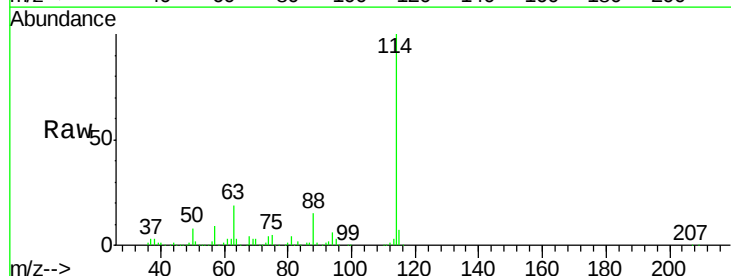
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4G-(16)

Tot Ion: 65 Resp: 194091
 Ion Ratio Lower Upper
 65 100
 67 50.4 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: VD064815.D
 Acq: 09 Jan 2020 14:23

Tgt Ion: 114 Resp: 676040
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.0
 88 14.9 0.0 29.2

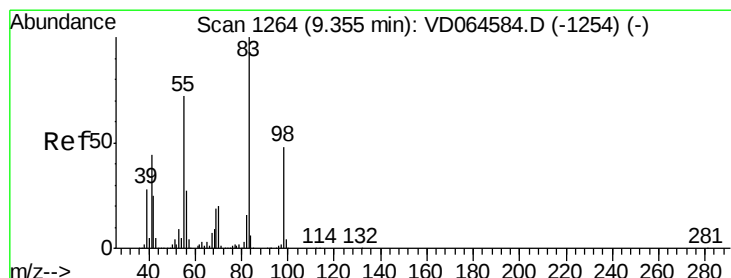
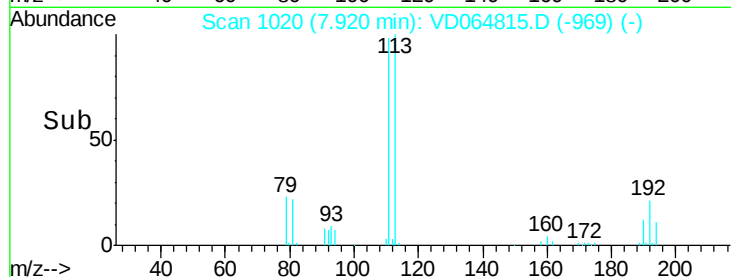
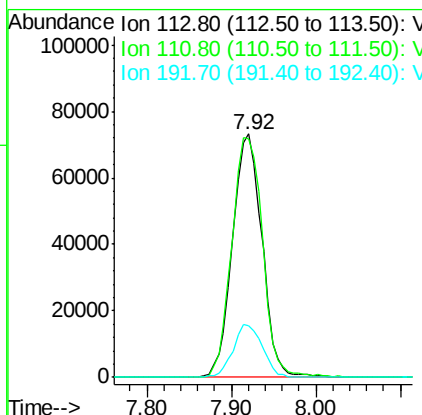
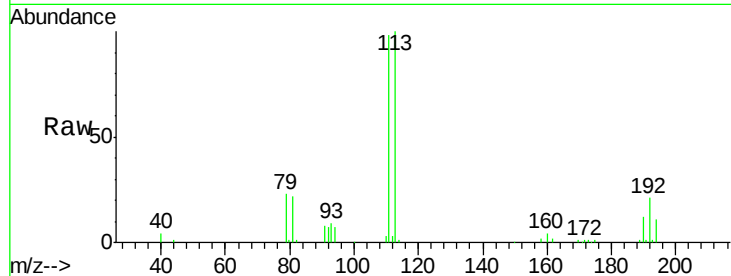




#35
 Dibromofluoromethane
 Concen: 42.475 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064815.D
 Acq: 09 Jan 2020 14:23

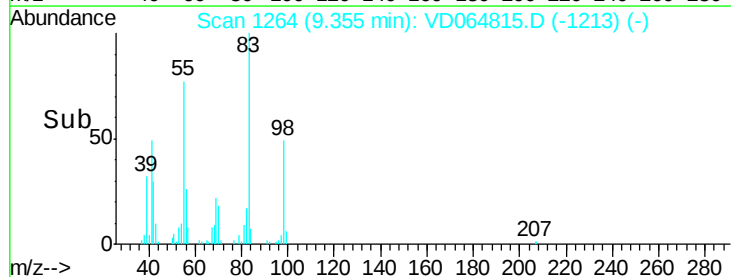
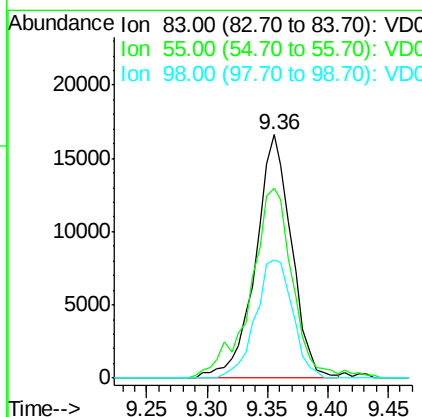
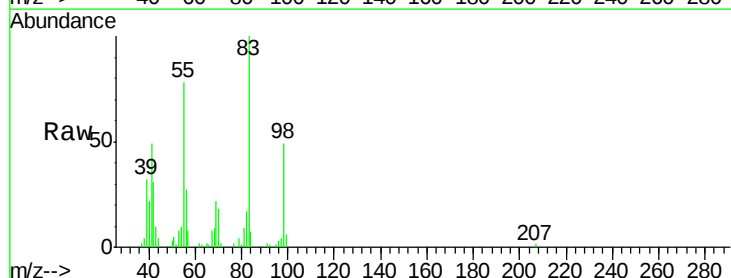
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4G-(16)

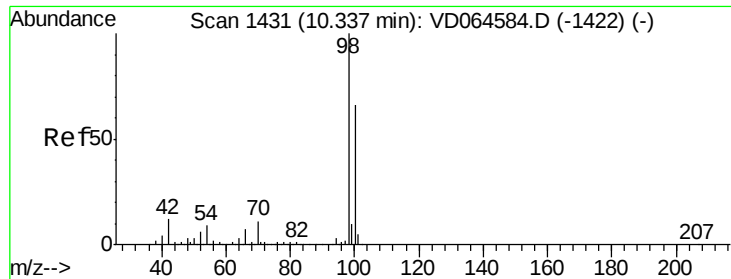
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.6	121.0
192	21.4	17.9	26.9



#39
 Methylcyclohexane
 Concen: 4.348 ug/l
 RT: 9.36 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: VD064815.D
 Acq: 09 Jan 2020 14:23

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.0	57.8	86.6
98	48.7	38.7	58.1

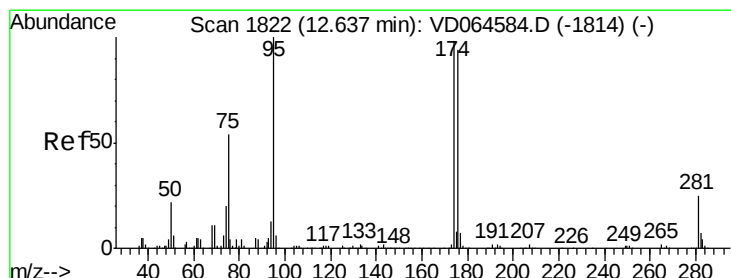
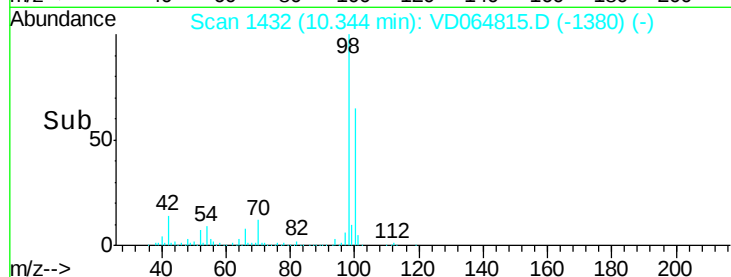
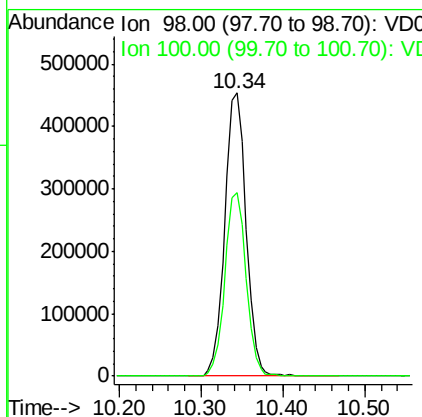
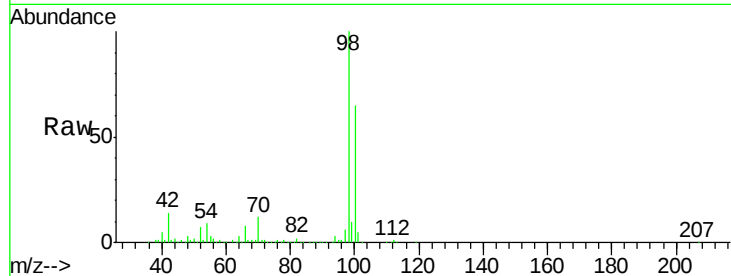




#50
Toluene-d8
Concen: 51.855 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064815.D
Acq: 09 Jan 2020 14:23

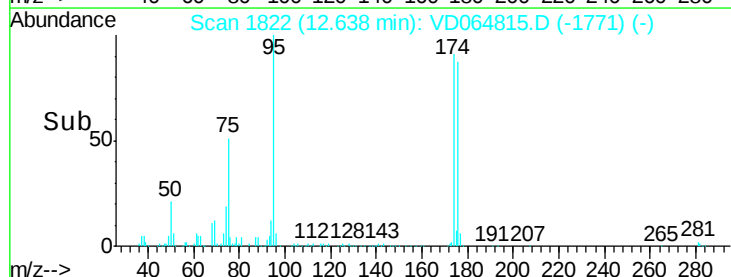
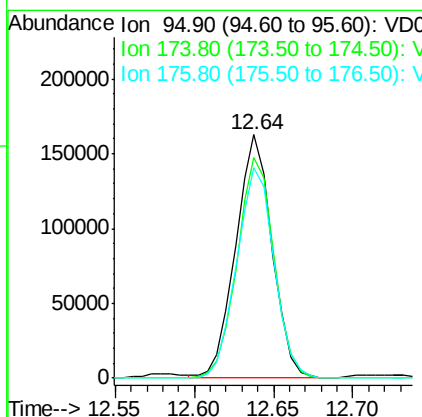
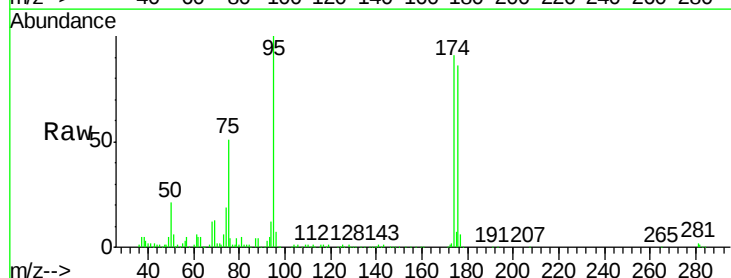
Instrument :
MSVOA_D
ClientSampleId :
SB-4G-(16)

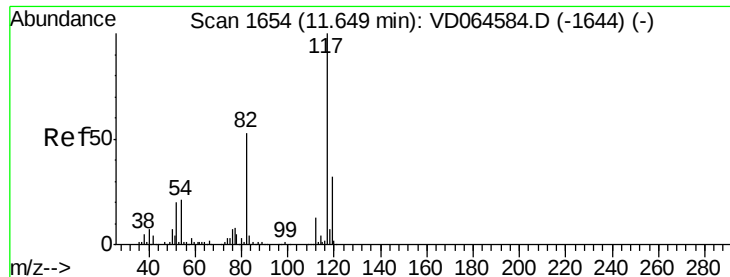
Tot Ion: 98 Resp: 823721
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 51.019 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064815.D
Acq: 09 Jan 2020 14:23

Tgt Ion: 95 Resp: 256269
Ion Ratio Lower Upper
95 100
174 92.7 0.0 193.2
176 89.6 0.0 184.2

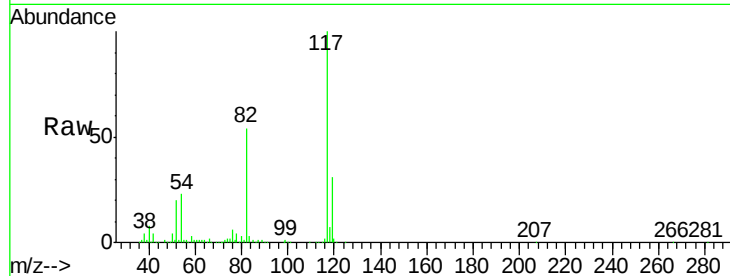




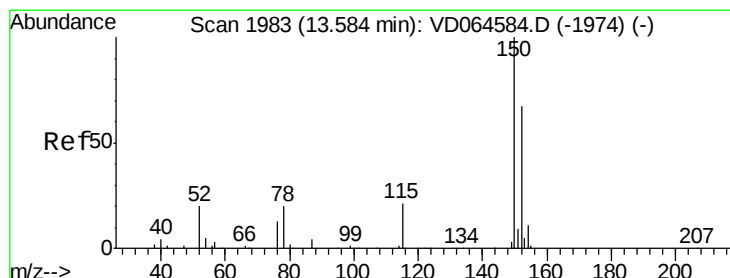
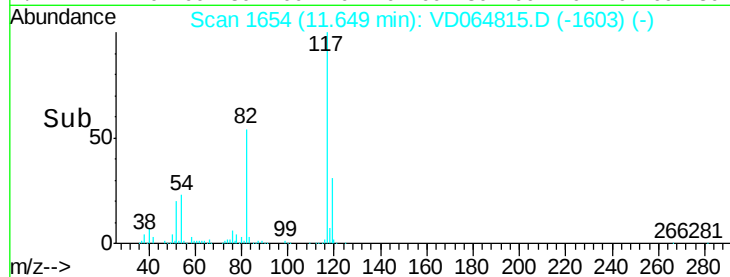
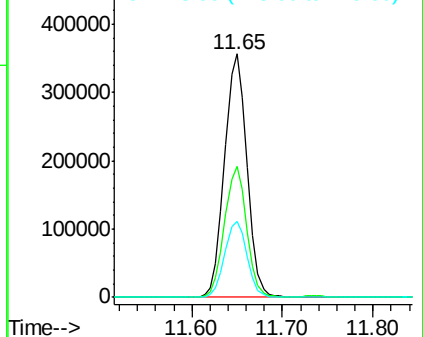
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064815.D
Acq: 09 Jan 2020 14:23

Instrument :
MSVOA_D
ClientSampleId :
SB-4G-(16)

Tot Ion:117 Resp: 612352
Ion Ratio Lower Upper
117 100
82 53.7 42.2 63.4
119 31.0 26.0 39.0

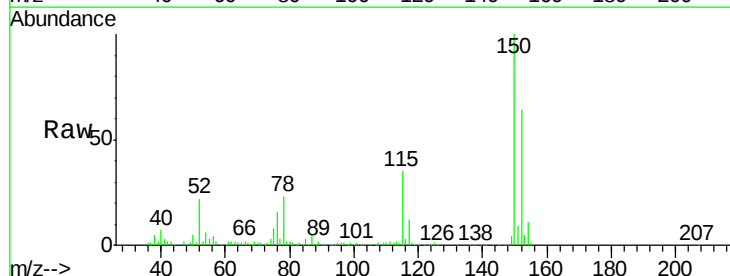


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064815.D
Acq: 09 Jan 2020 14:23

Tgt Ion:152 Resp: 284207
Ion Ratio Lower Upper
152 100
115 55.6 27.8 83.4
150 157.1 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

