

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012420\
 Data File : VD064952.D
 Acq On : 24 Jan 2020 19:33
 Operator : VA/SY
 Sample : L1242-08
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20200061-COMPOSITE-B7

Quant Time: Jan 25 03:30:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

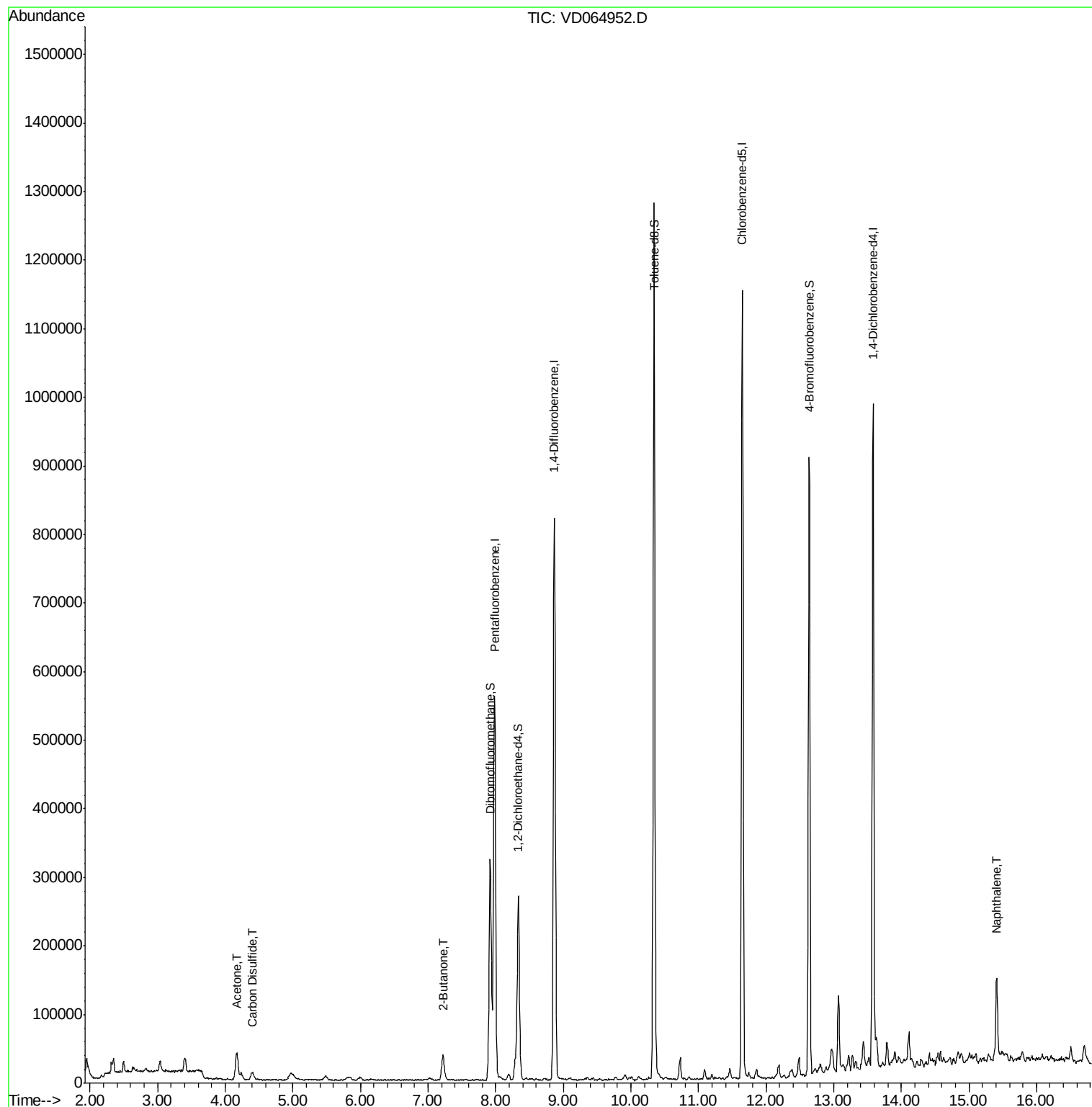
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	429134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	700638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	641210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	262358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	211831	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
35) Dibromofluoromethane	7.92	113	221062	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
50) Toluene-d8	10.34	98	834428	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.64	95	254048	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
Target Compounds						
16) Acetone	4.17	43	71924	75.239	ug/l	97
17) Carbon Disulfide	4.41	76	25382	2.065	ug/l #	92
25) 2-Butanone	7.22	43	26190	23.550	ug/l	95
95) Naphthalene	15.41	128	107184	13.432	ug/l	98

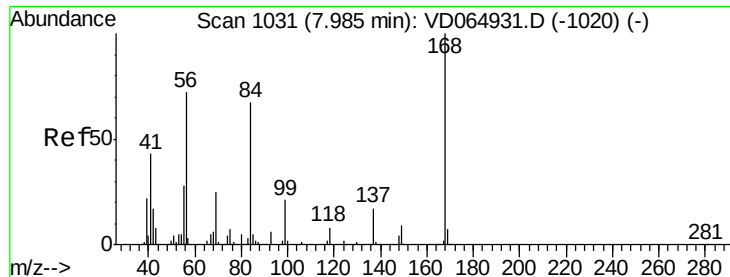
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064952.D

Acq: 24 Jan 2020 19:33

Instrument :

MSVOA_D

ClientSampleId :

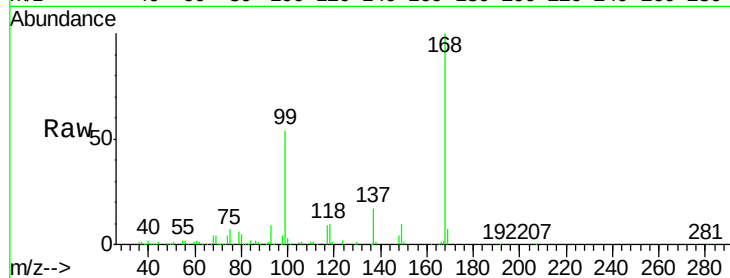
20200061-COMPOSITE-B7

Tot Ion:168 Resp: 429134

Ion Ratio Lower Upper

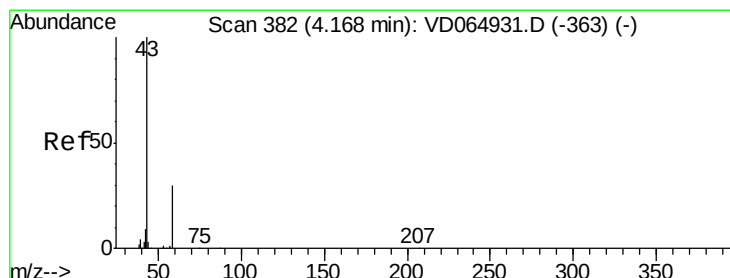
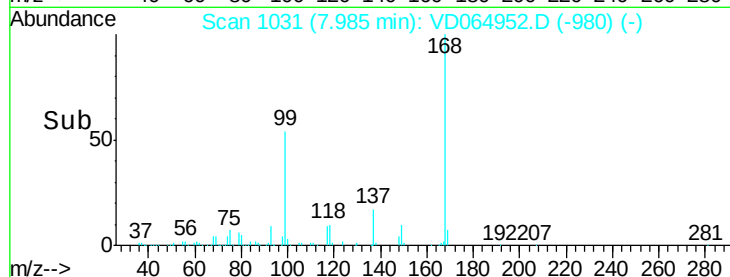
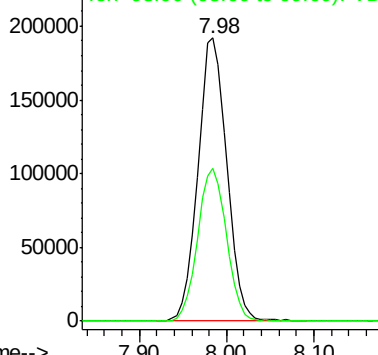
168 100

99 54.0 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 75.239 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064952.D

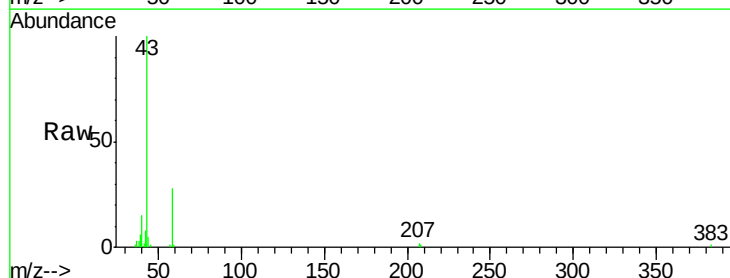
Acq: 24 Jan 2020 19:33

Tgt Ion: 43 Resp: 71924

Ion Ratio Lower Upper

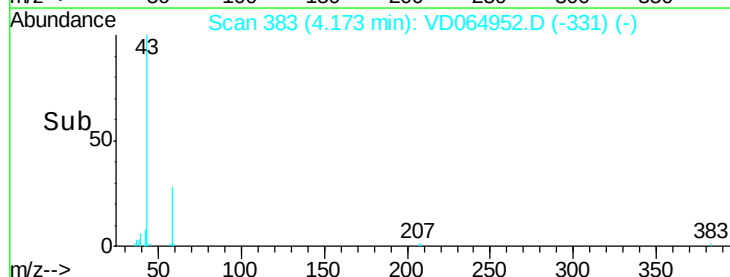
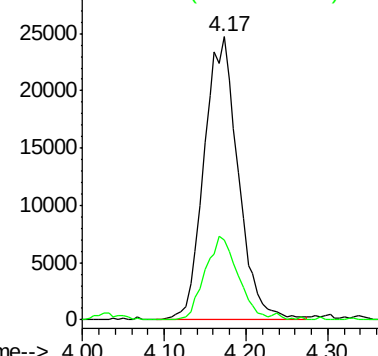
43 100

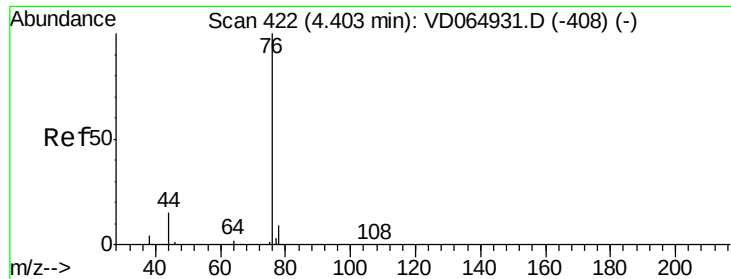
58 28.0 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

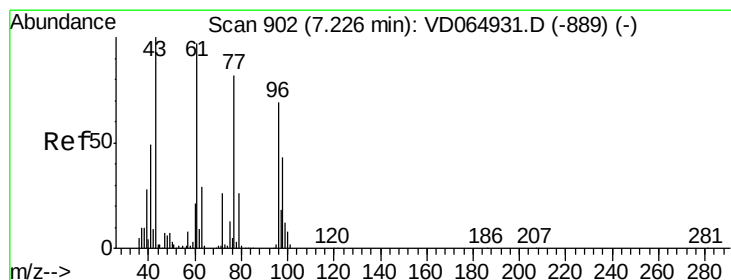
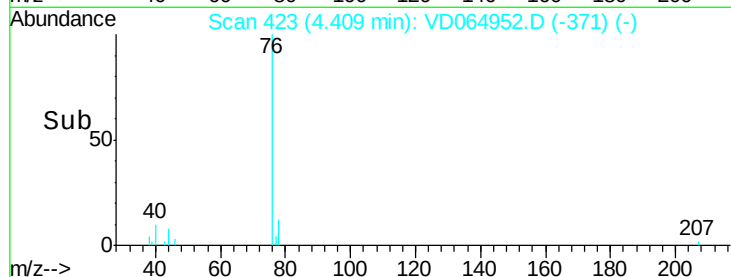
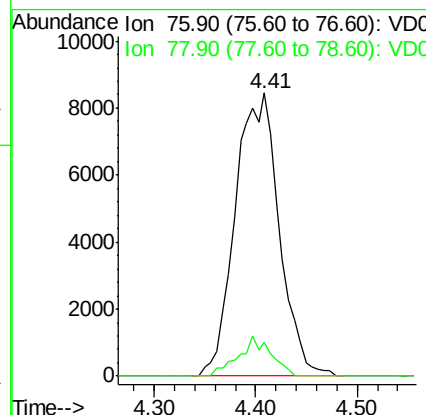
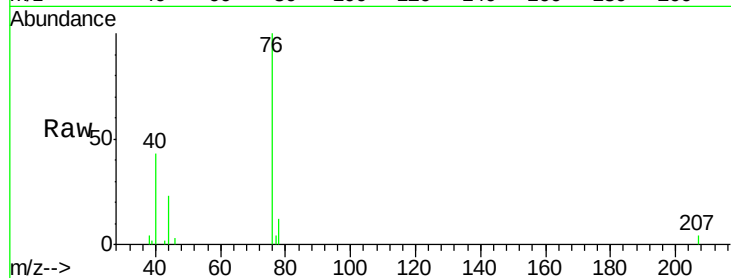




#17
Carbon Disulfide
Concen: 2.065 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.01 min
Lab File: VD064952.D
Acq: 24 Jan 2020 19:33

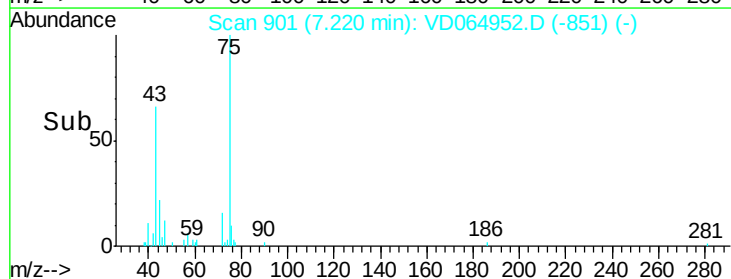
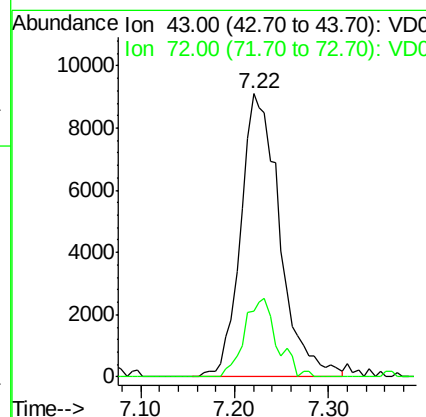
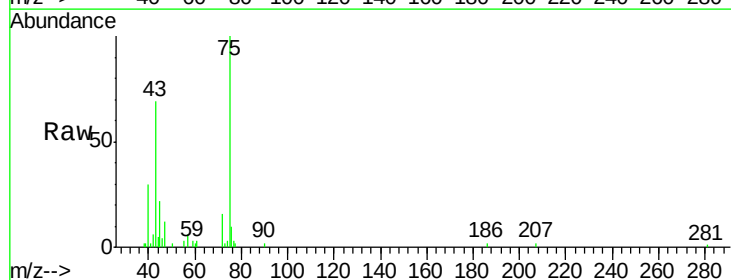
Instrument :
MSVOA_D
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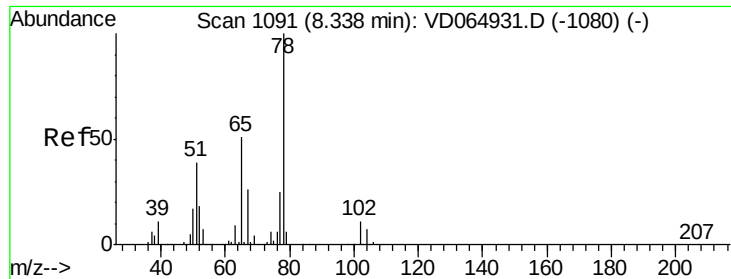
Tot Ion: 76 Resp: 25382
Ion Ratio Lower Upper
76 100
78 11.9 7.1 10.7#



#25
2-Butanone
Concen: 23.550 ug/l
RT: 7.22 min Scan# 901
Delta R.T. -0.01 min
Lab File: VD064952.D
Acq: 24 Jan 2020 19:33

Tgt Ion: 43 Resp: 26190
Ion Ratio Lower Upper
43 100
72 23.4 20.6 31.0

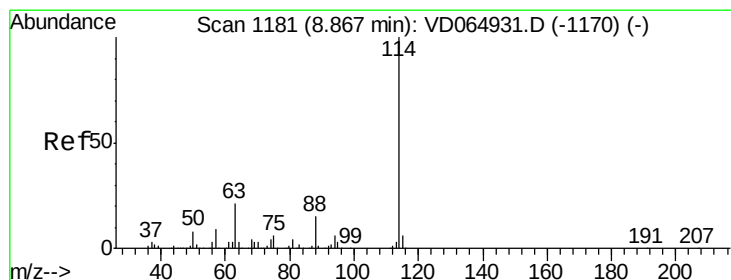
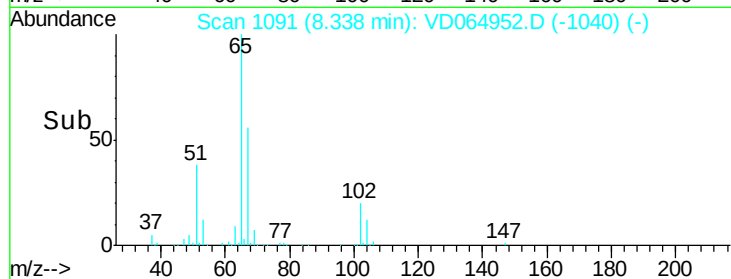
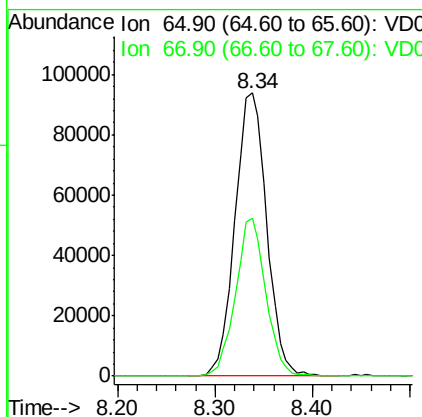
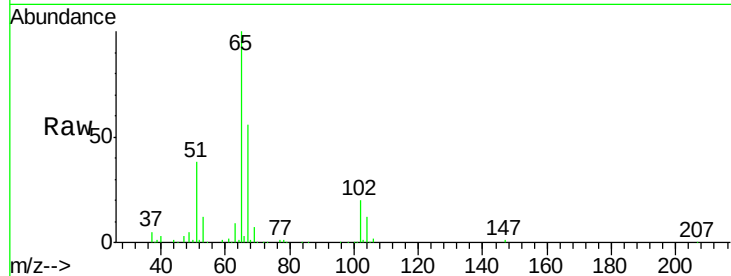




#33
 1,2-Dichloroethane-d4
 Concen: 51.461 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064952.D
 Acq: 24 Jan 2020 19:33

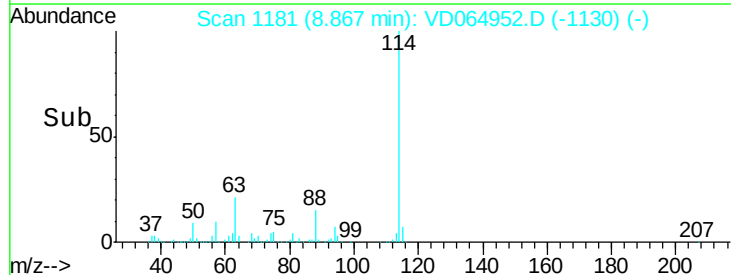
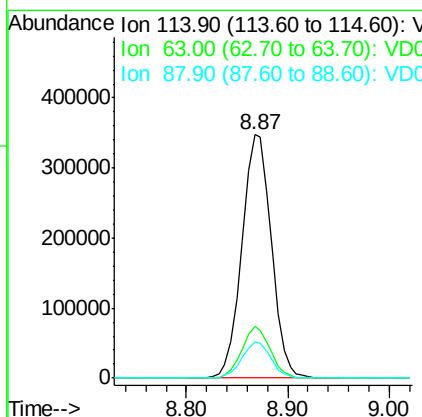
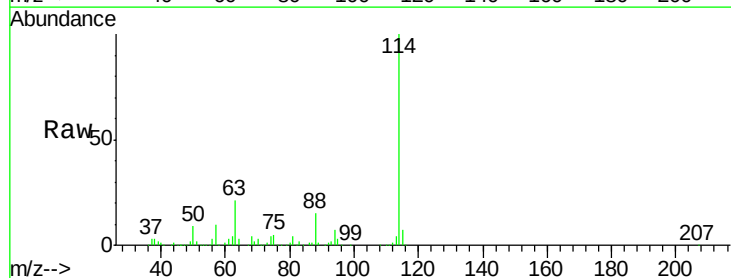
Instrument :
 MSVOA_D
 ClientSampleId :
 20200061-COMPOSITE-B7

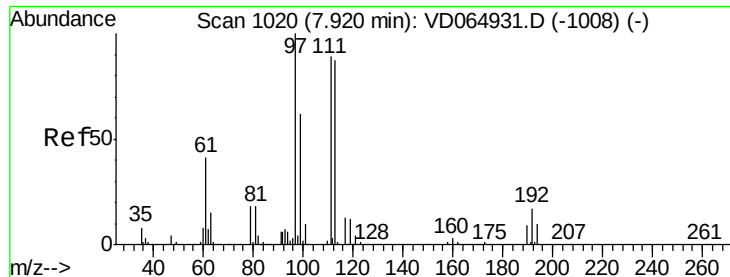
Tot Ion: 65 Resp: 211831
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064952.D
 Acq: 24 Jan 2020 19:33

Tgt Ion: 114 Resp: 700638
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.0
 88 14.9 0.0 29.4

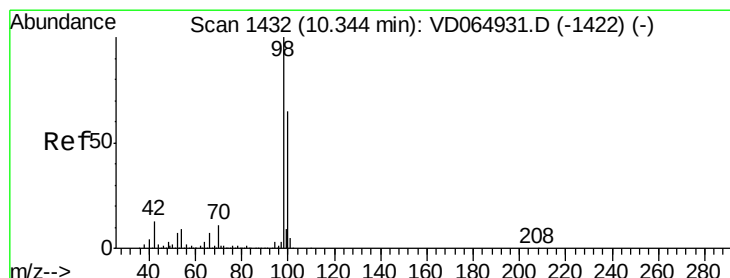
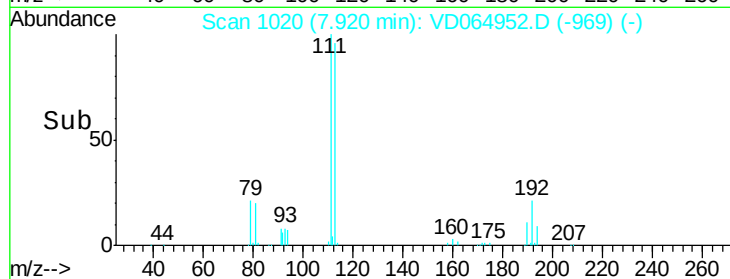
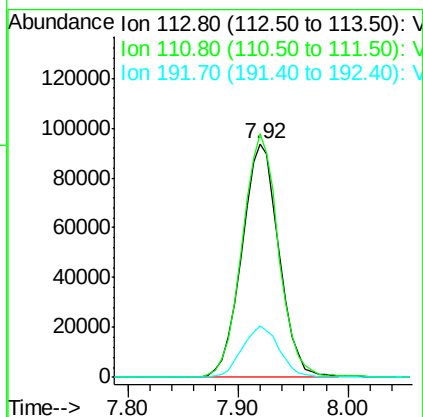
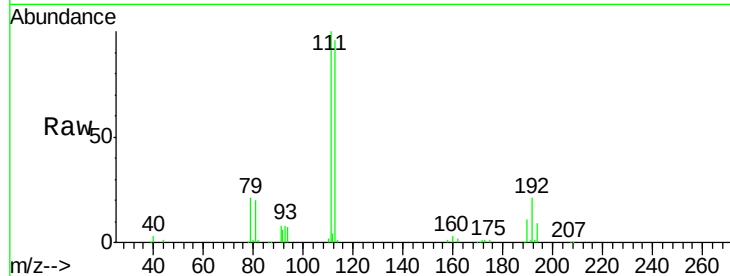




#35
Dibromofluoromethane
Concen: 50.208 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064952.D
Acq: 24 Jan 2020 19:33

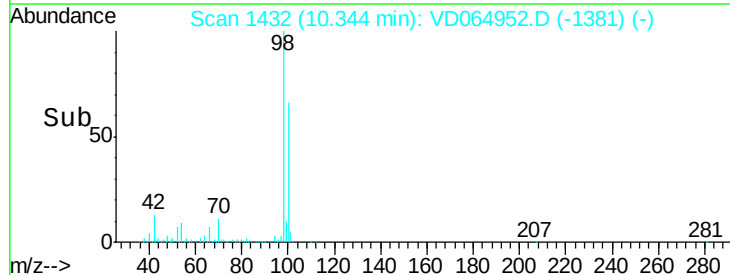
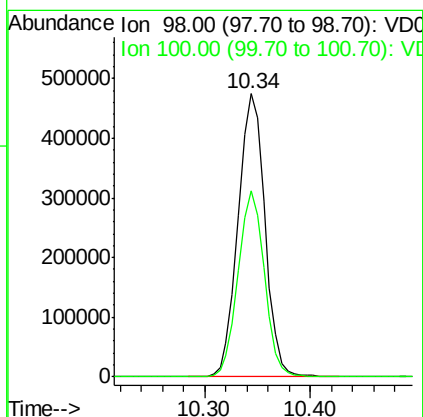
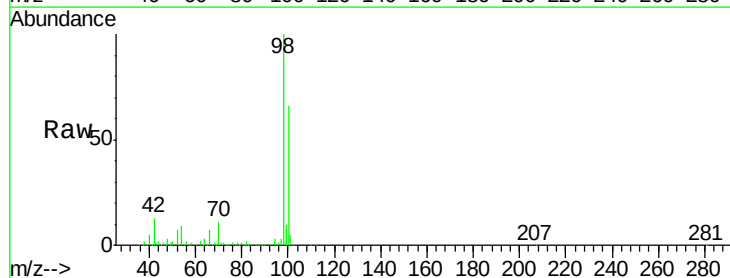
Instrument :
MSVOA_D
ClientSampleId :
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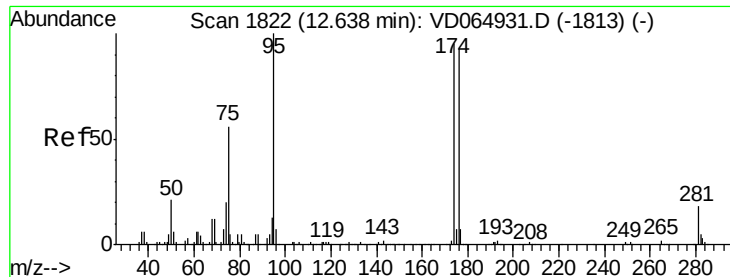
Tot Ion:113 Resp: 221062
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 21.9 16.9 25.3



#50
Toluene-d8
Concen: 49.103 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064952.D
Acq: 24 Jan 2020 19:33

Tgt Ion: 98 Resp: 834428
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5

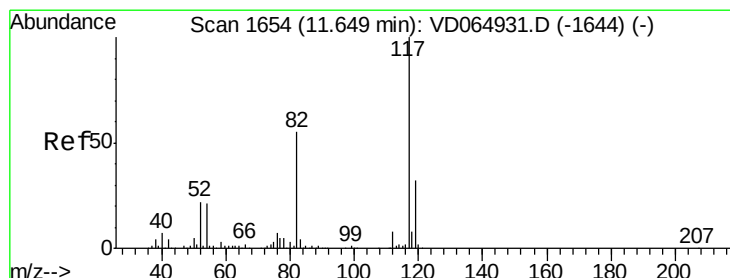
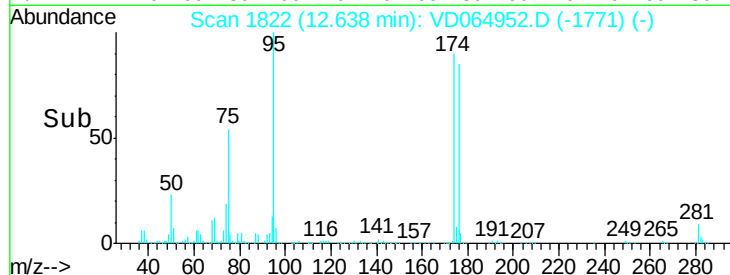
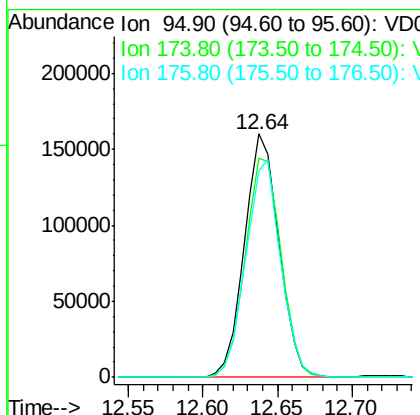
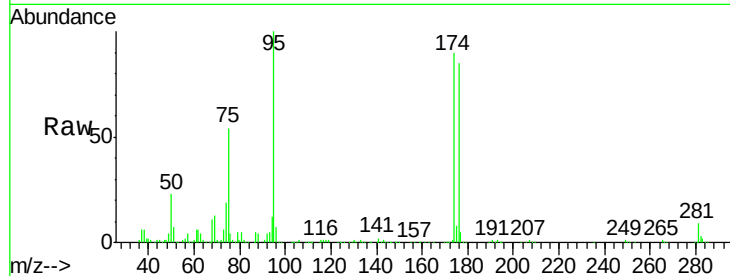




#62
4-Bromofluorobenzene
Concen: 48.852 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064952.D
Acq: 24 Jan 2020 19:33

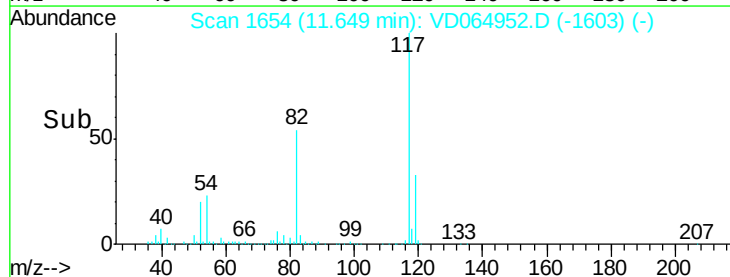
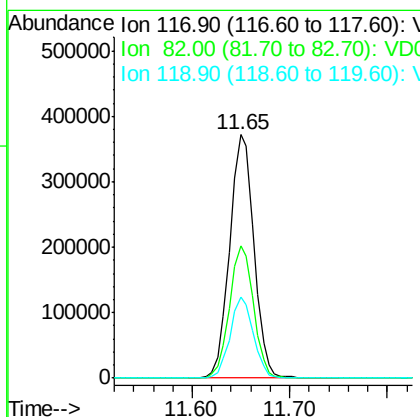
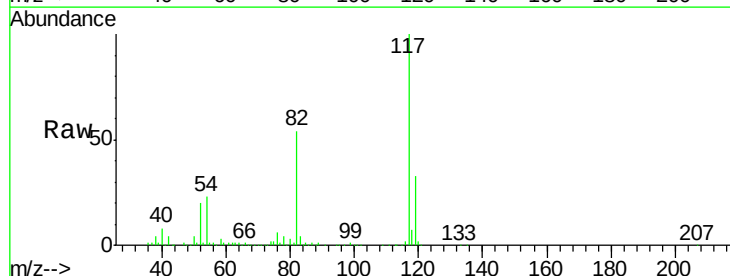
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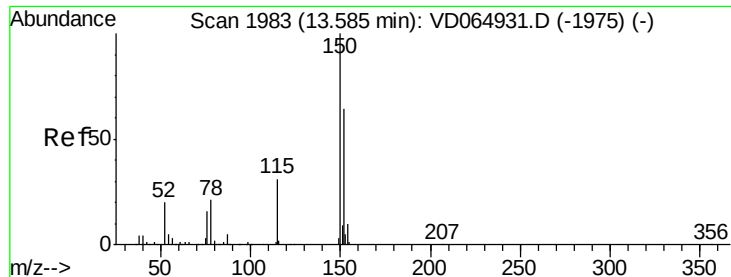
Tot Ion: 95 Resp: 254048
Ion Ratio Lower Upper
95 100
174 94.3 0.0 186.8
176 90.4 0.0 183.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064952.D
Acq: 24 Jan 2020 19:33

Tgt Ion: 117 Resp: 641210
Ion Ratio Lower Upper
117 100
82 54.1 43.6 65.4
119 33.3 25.2 37.8

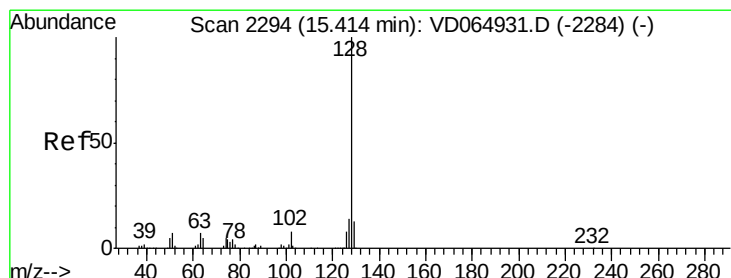
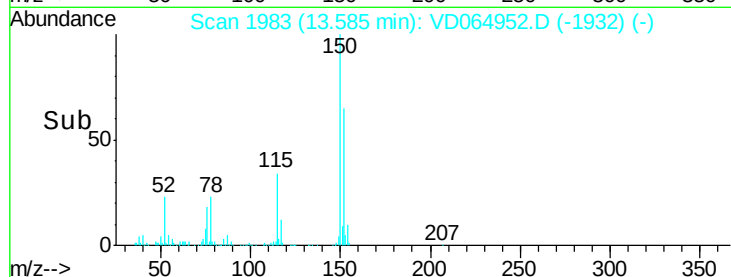
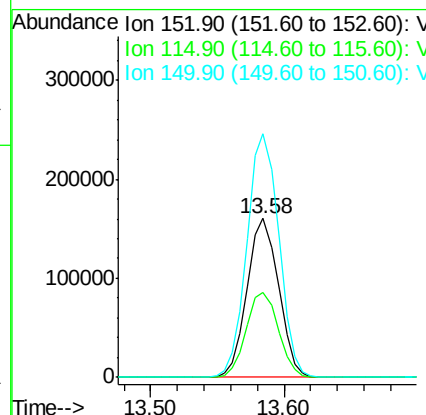
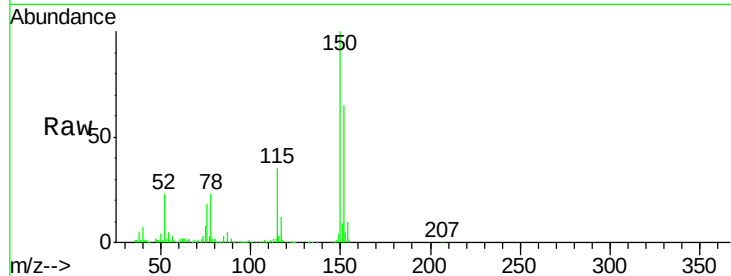




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: VD064952.D
 Acq: 24 Jan 2020 19:33

Instrument :
 MSVOA_D
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 20200061-COMPOSITE-B7

Tot Ion:152 Resp: 262358
 Ion Ratio Lower Upper
 152 100
 115 55.0 28.1 84.4
 150 154.4 0.0 350.4



#95
 Naphthalene
 Concen: 13.432 ug/l
 RT: 15.41 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: VD064952.D
 Acq: 24 Jan 2020 19:33

Tgt Ion:128 Resp: 107184
 Ion Ratio Lower Upper
 128 100
 127 14.4 10.6 15.8
 129 11.2 9.3 13.9

