

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012720\
 Data File : VD064969.D
 Acq On : 27 Jan 2020 17:51
 Operator : VA/SY
 Sample : L1242-13RE
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20200066-AMENDED-COMP-4RE

Quant Time: Jan 27 22:52:05 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

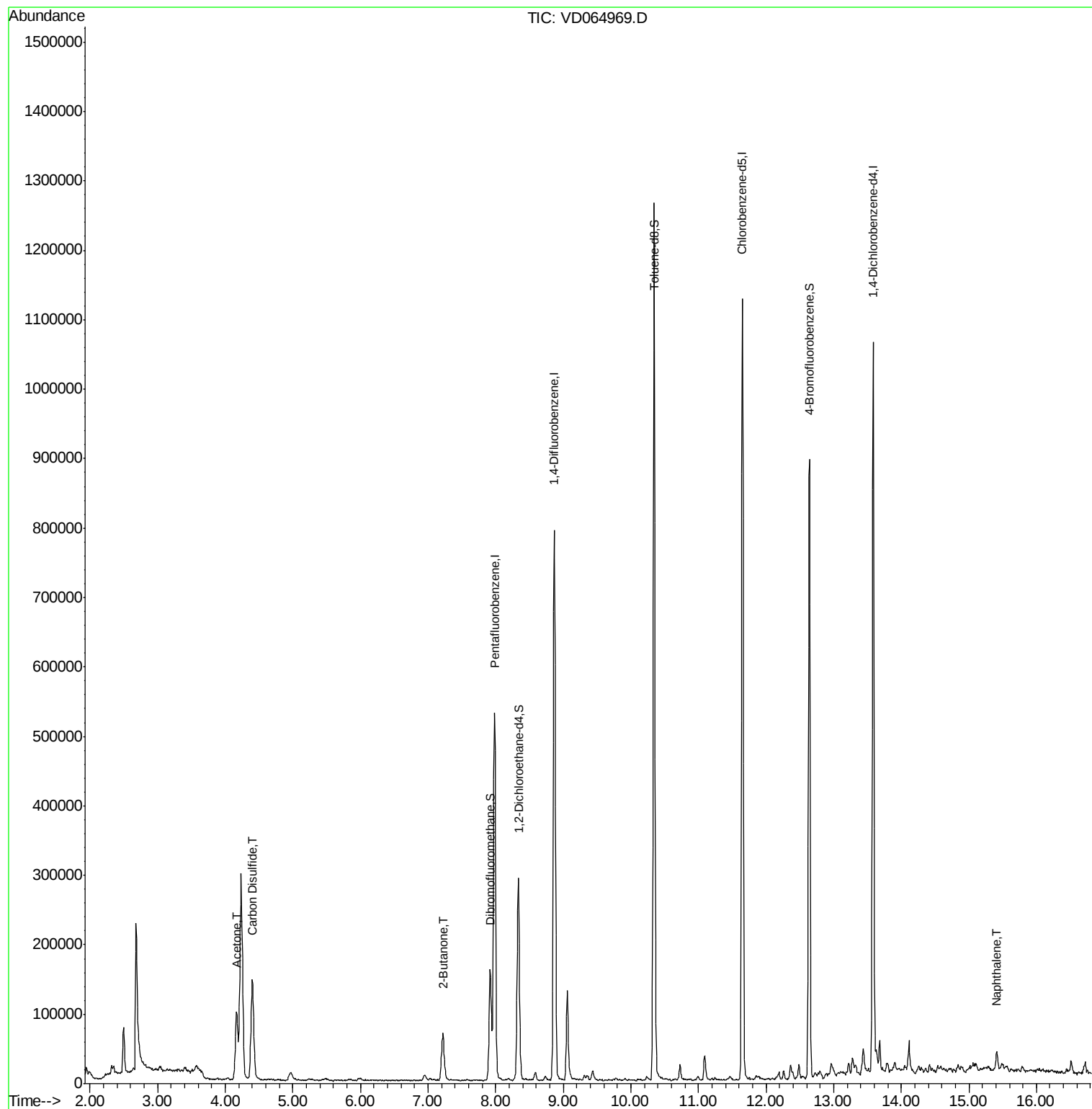
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	417403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	687981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	642145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	281603	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	227405	56.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.60%	
35) Dibromofluoromethane	7.92	113	111883	25.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.76%	
50) Toluene-d8	10.34	98	824237	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.64	95	268031	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
Target Compounds						
16) Acetone	4.17	43	177585	182.080	ug/l	99
17) Carbon Disulfide	4.40	76	305831	25.575	ug/l	98
25) 2-Butanone	7.23	43	45873	42.409	ug/l	92
95) Naphthalene	15.41	128	24856	2.902	ug/l	97

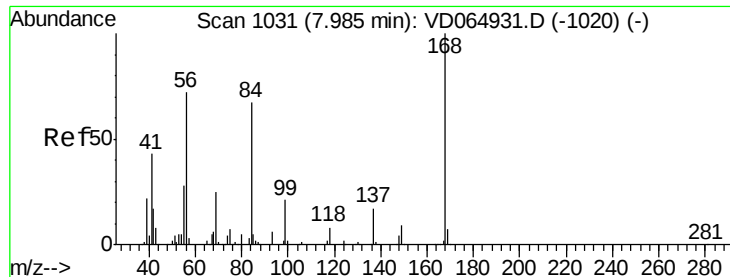
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064969.D

Acq: 27 Jan 2020 17:51

Instrument :

MSVOA_D

ClientSampleId :

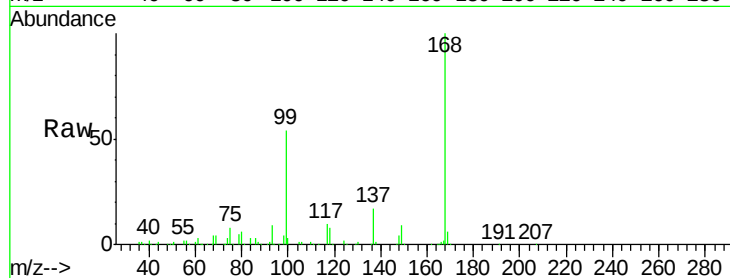
20200066-AMENDED-COMP-4RE

Tot Ion:168 Resp: 417403

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

7.98

200000

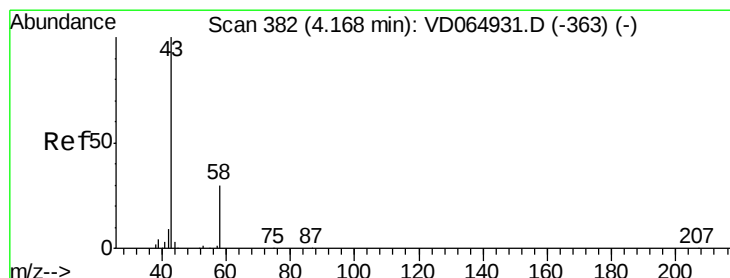
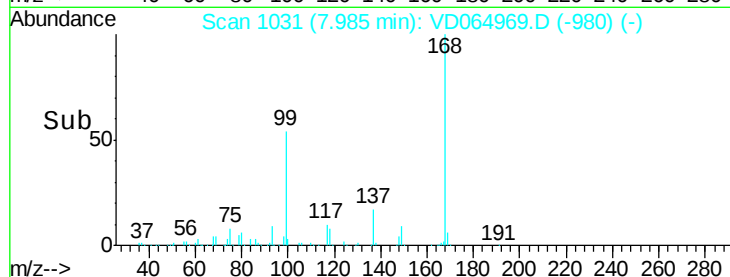
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 182.080 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064969.D

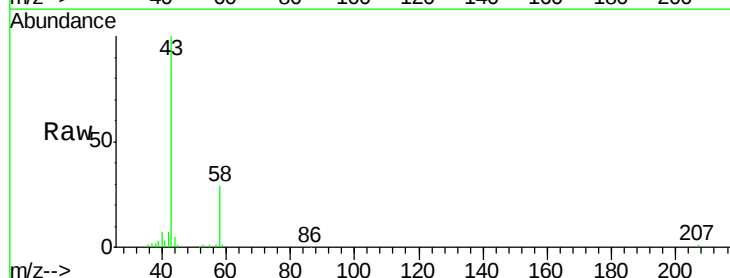
Acq: 27 Jan 2020 17:51

Tgt Ion: 43 Resp: 177585

Ion Ratio Lower Upper

43 100

58 29.3 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

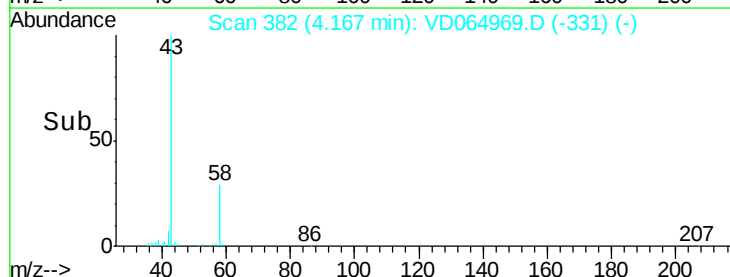
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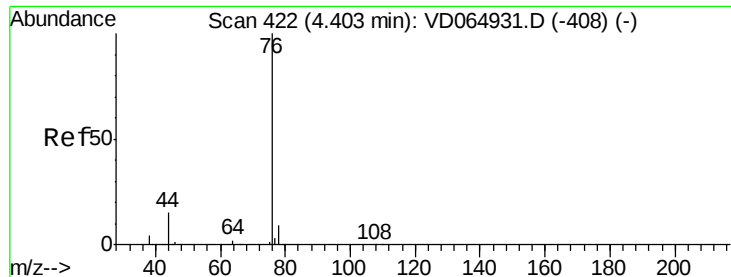
40000

20000

0

Time-->





#17

Carbon Disulfide

Concen: 25.575 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD064969.D

Acq: 27 Jan 2020 17:51

Instrument :

MSVOA_D

ClientSampleId :

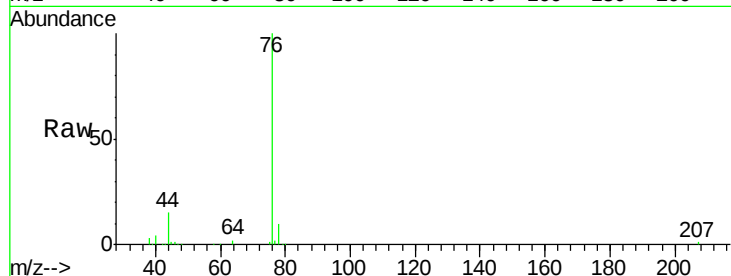
20200066-AMENDED-COMP-4RE

Tot Ion: 76 Resp: 305831

Ion Ratio Lower Upper

76 100

78 9.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

120000

100000

80000

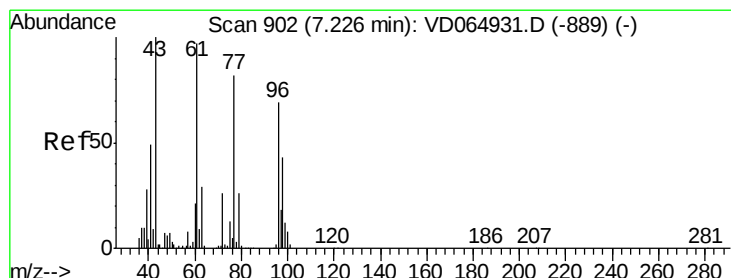
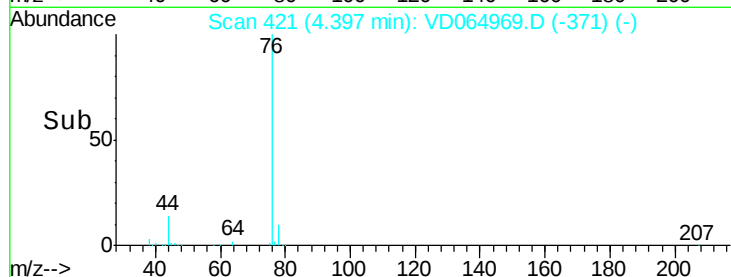
60000

40000

20000

0

Time-->



#25

2-Butanone

Concen: 42.409 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD064969.D

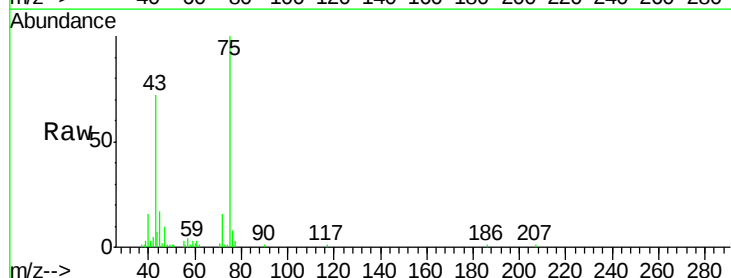
Acq: 27 Jan 2020 17:51

Tgt Ion: 43 Resp: 45873

Ion Ratio Lower Upper

43 100

72 21.7 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.23

20000

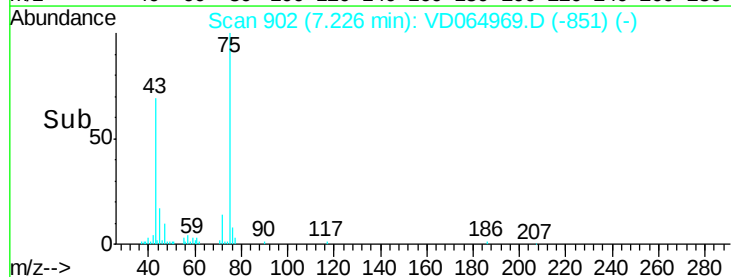
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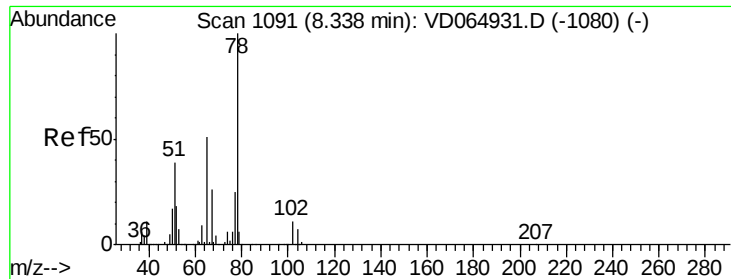
10000

5000

0

Time-->

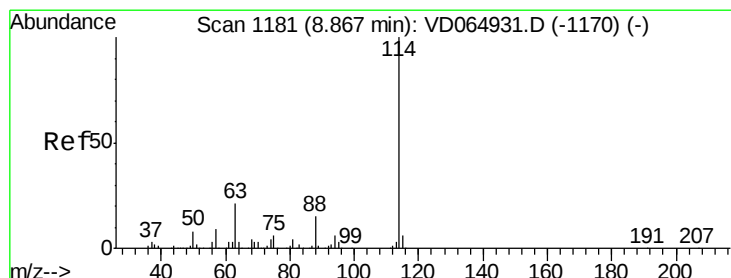
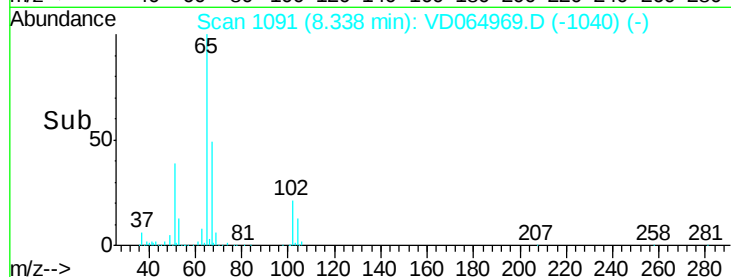
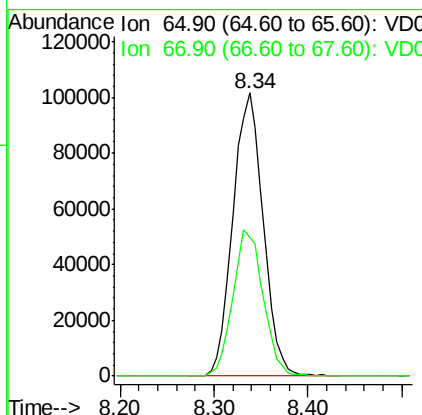
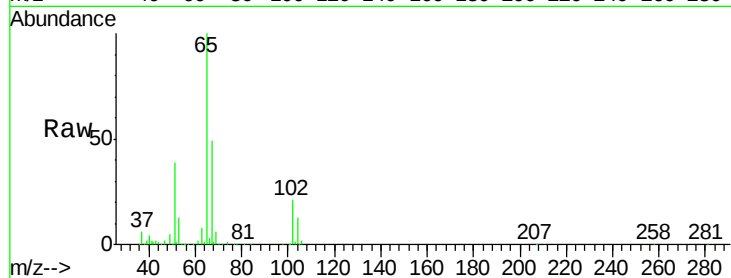




#33
 1,2-Dichloroethane-d4
 Concen: 56.797 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064969.D
 Acq: 27 Jan 2020 17:51

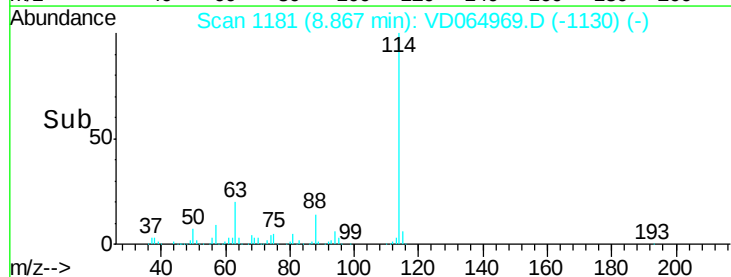
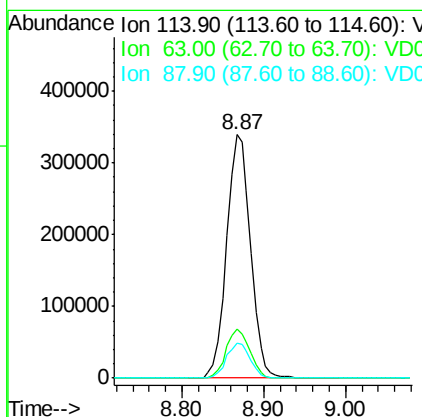
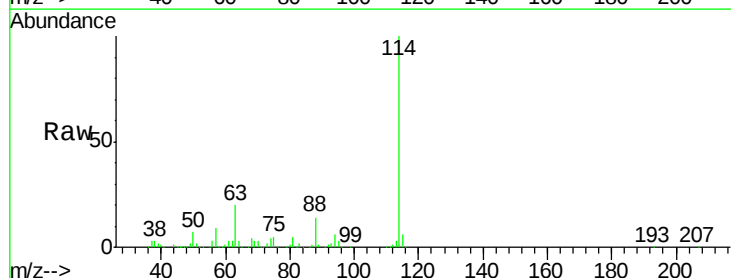
Instrument :
 MSVOA_D
 ClientSampleId :
 20200066-AMENDED-COMP-4RE

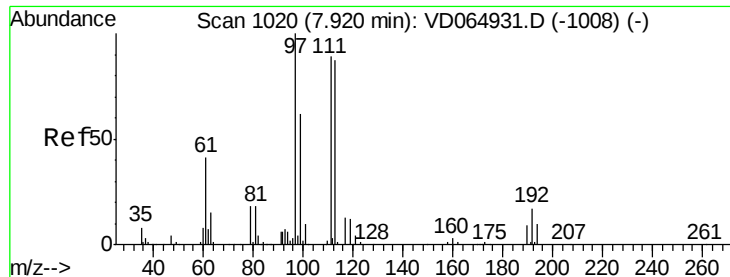
Tot Ion: 65 Resp: 227405
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064969.D
 Acq: 27 Jan 2020 17:51

Tgt Ion:114 Resp: 687981
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.0
 88 14.4 0.0 29.4

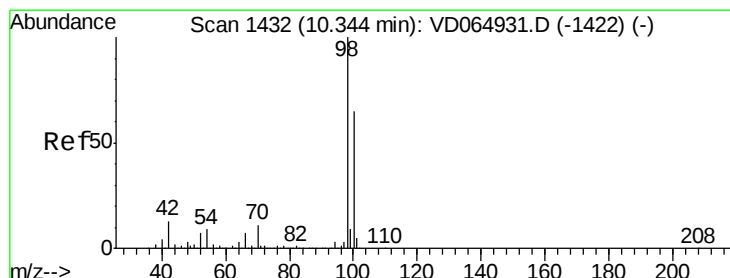
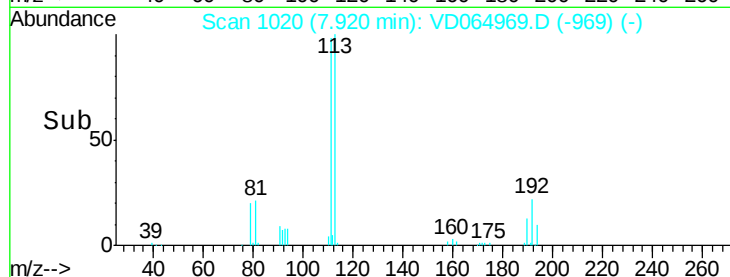
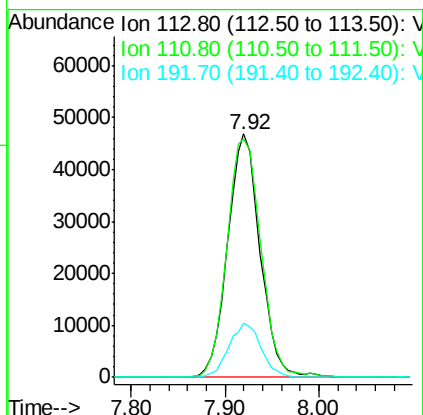
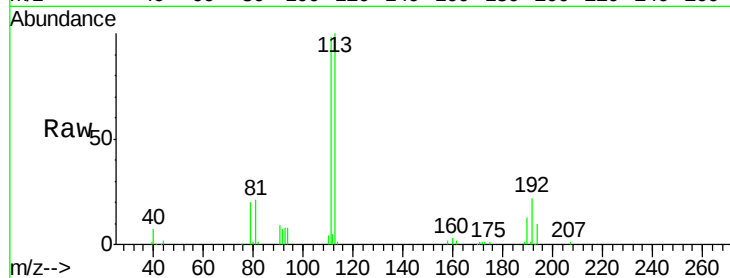




#35
Dibromofluoromethane
Concen: 25.879 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064969.D
Acq: 27 Jan 2020 17:51

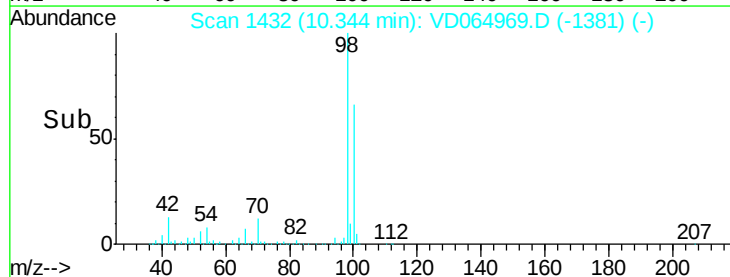
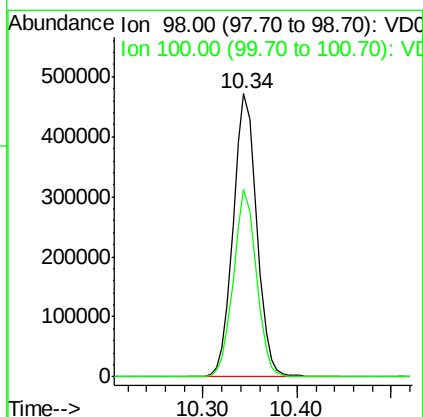
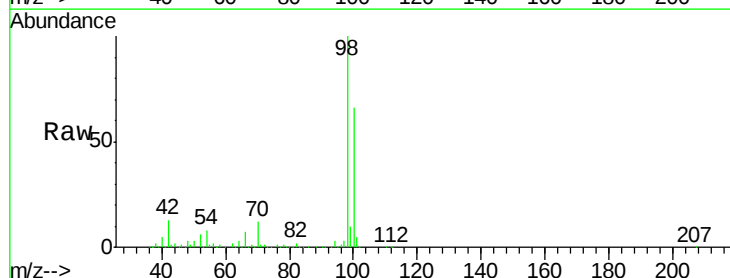
Instrument :
MSVOA_D
ClientSampleId :
20200066-AMENDED-COMP-4RE

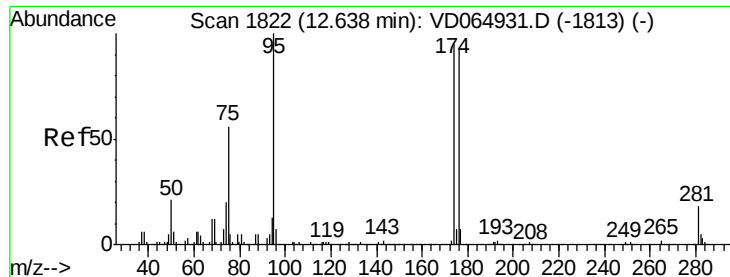
Tot Ion:113 Resp: 111883
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 22.0 16.9 25.3



#50
Toluene-d8
Concen: 49.395 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064969.D
Acq: 27 Jan 2020 17:51

Tgt Ion: 98 Resp: 824237
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5

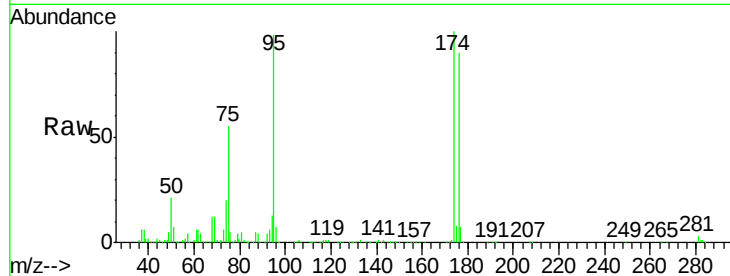




#62
4-Bromofluorobenzene
Concen: 52.489 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD064969.D
Acq: 27 Jan 2020 17:51

Instrument :
MSVOA_D
ClientSampleId :
20200066-AMENDED-COMP-4RE

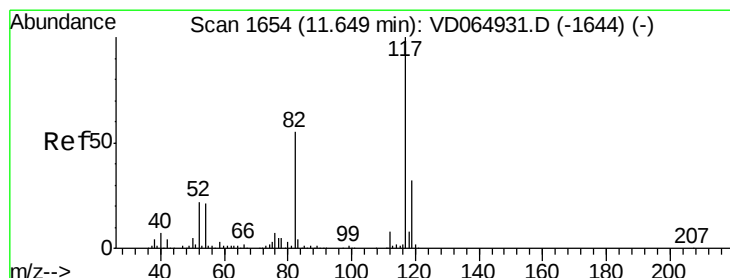
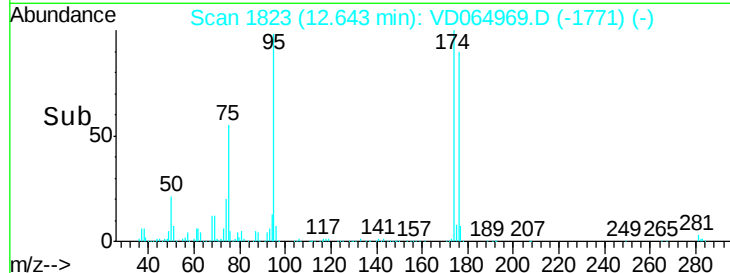
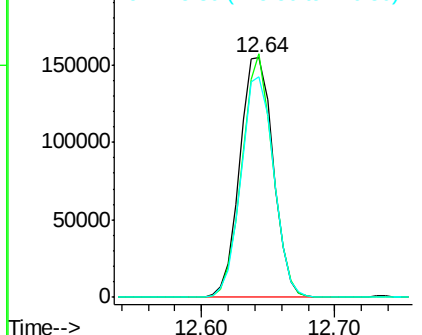
Tot Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	186.8
176	89.8	0.0	183.4



Abundance Ion 94.90 (94.60 to 95.60): V

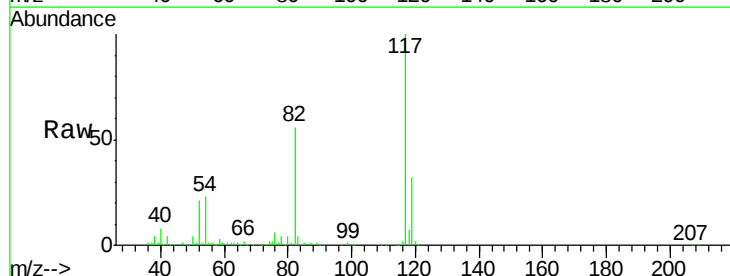
Ion 173.80 (173.50 to 174.50): V

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: VD064969.D
Acq: 27 Jan 2020 17:51

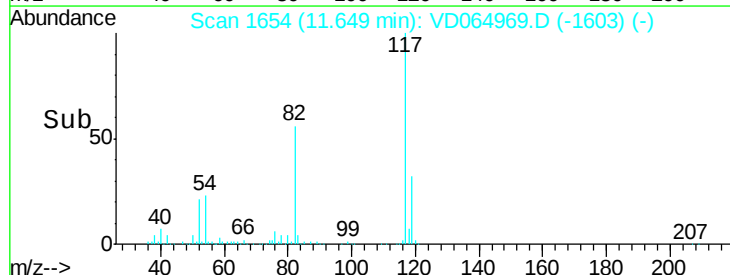
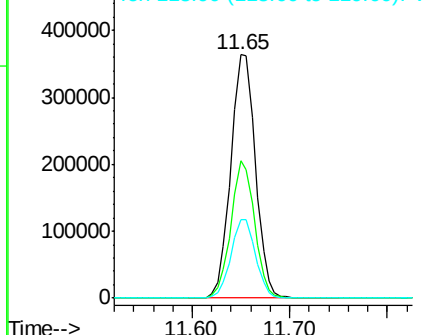
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.2	43.6	65.4
119	32.4	25.2	37.8

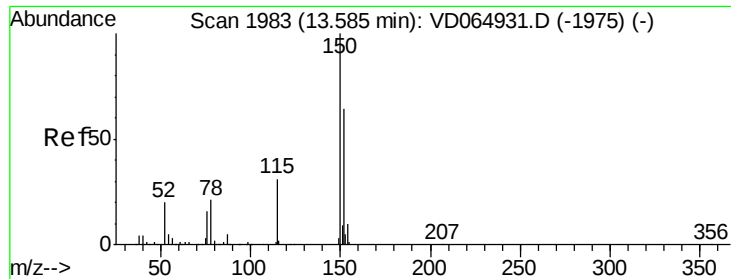


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



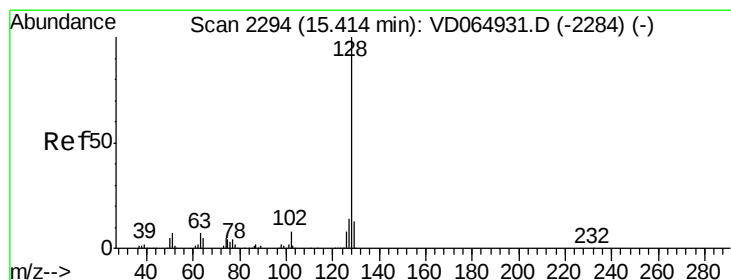
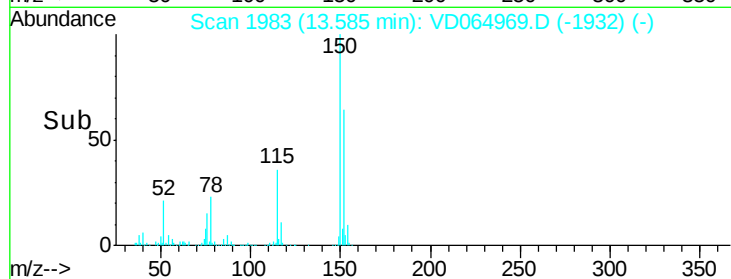
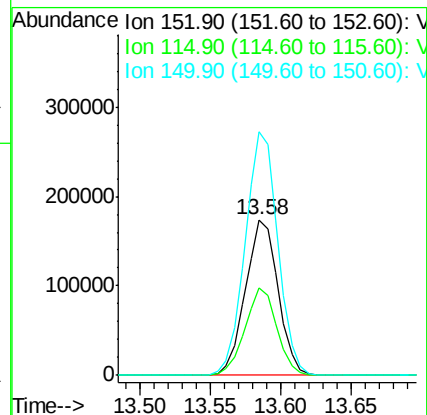
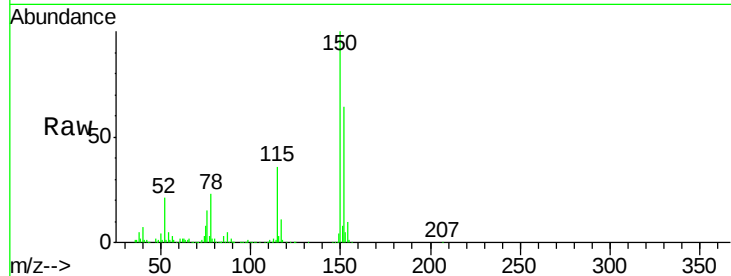


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064969.D
Acq: 27 Jan 2020 17:51

Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
115	54.9	28.1	84.4
150	156.4	0.0	350.4



#95

Naphthalene
Concen: 2.902 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD064969.D
Acq: 27 Jan 2020 17:51

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.6	15.8
129	10.4	9.3	13.9

