

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066892.D
 Acq On : 26 Sep 2020 01:16
 Operator : VA/SY
 Sample : L4154-02
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1(11-13)

Quant Time: Sep 26 07:06:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

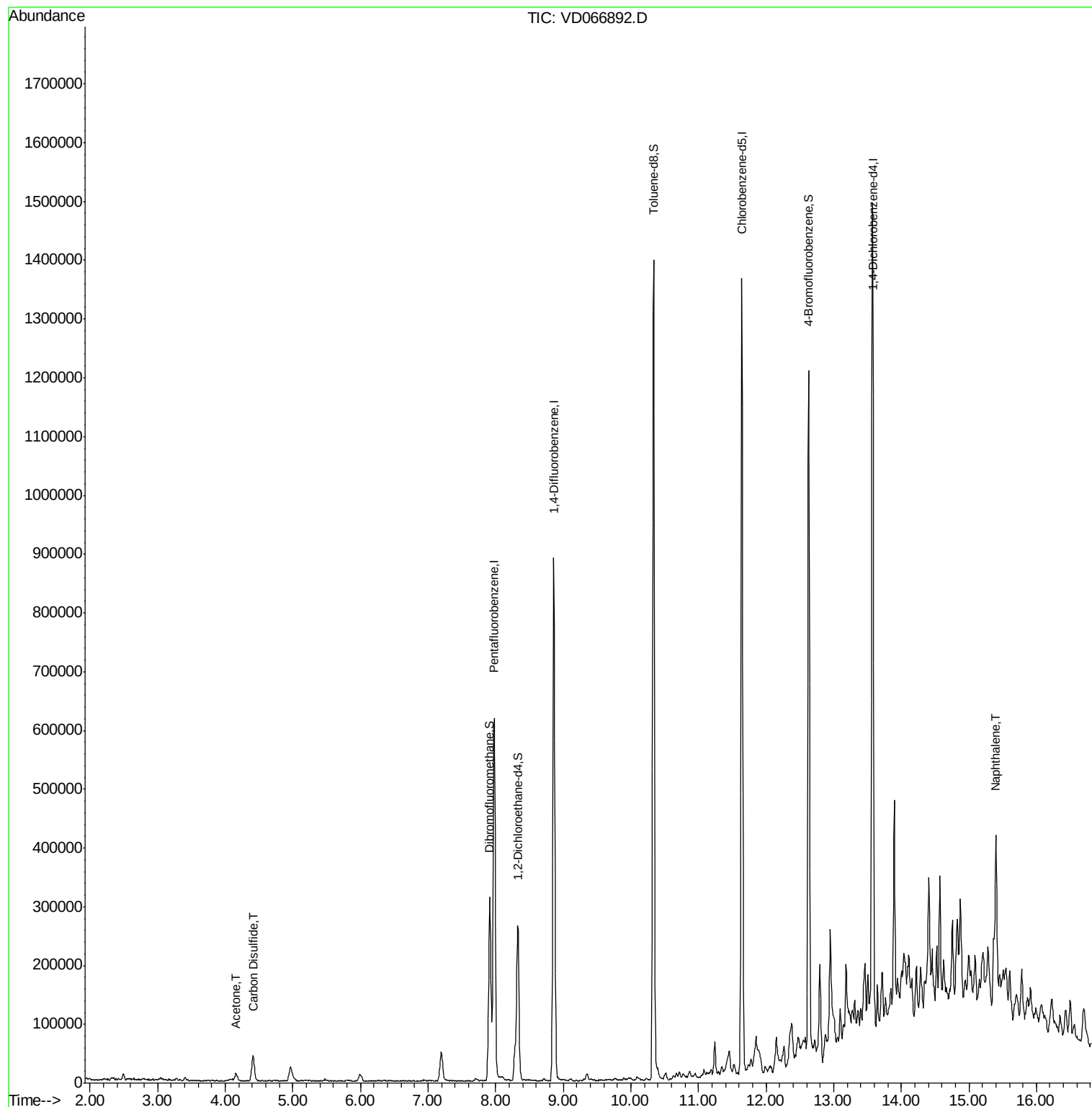
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	452842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	771455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	803957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	384394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	211550	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
35) Dibromofluoromethane	7.91	113	222784	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	
50) Toluene-d8	10.34	98	936038	55.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.96%	
62) 4-Bromofluorobenzene	12.63	95	366104	63.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.90%	
Target Compounds						
16) Acetone	4.16	43	21665	23.042	ug/l	93
17) Carbon Disulfide	4.41	76	90519	6.677	ug/l	99
95) Naphthalene	15.40	128	266664	22.730	ug/l	99

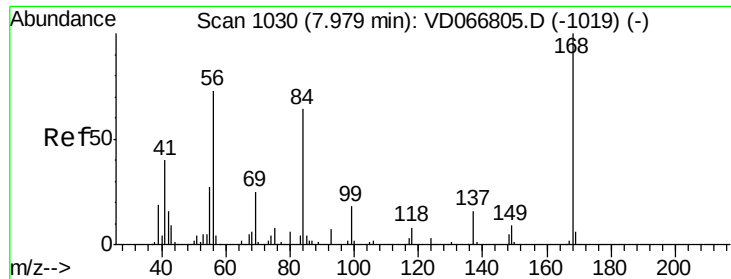
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066892.D

Acq: 26 Sep 2020 01:16

Instrument :

MSVOA_D

ClientSampleId :

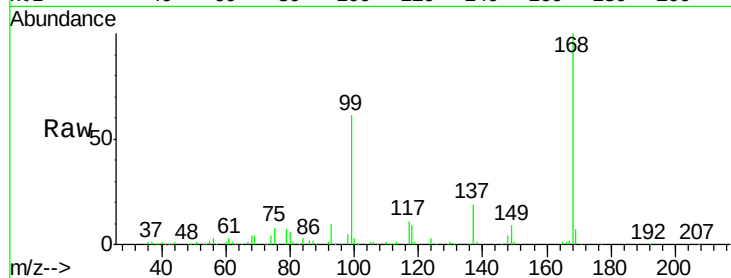
B-1(11-13)

Tot Ion:168 Resp: 452842

Ion Ratio Lower Upper

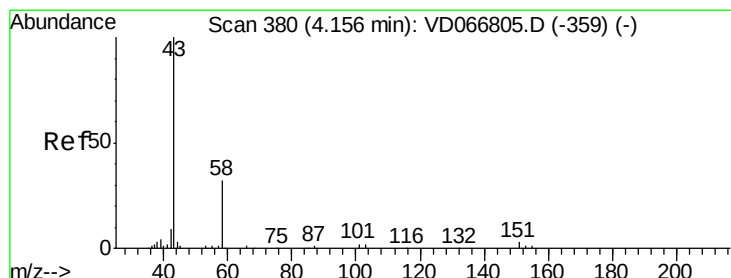
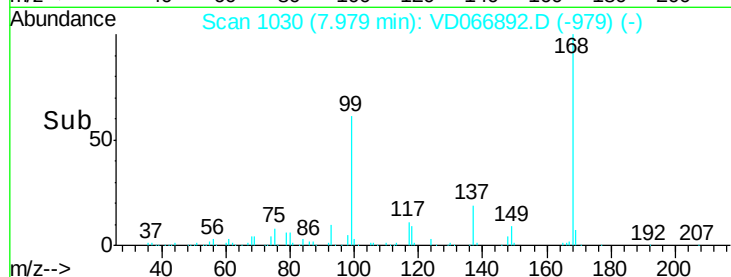
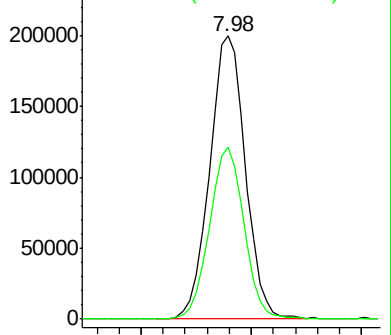
168 100

99 60.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 23.042 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066892.D

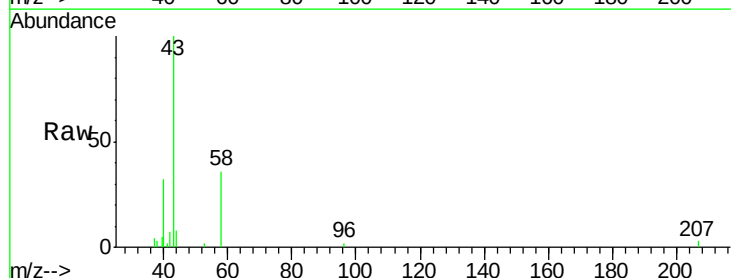
Acq: 26 Sep 2020 01:16

Tgt Ion: 43 Resp: 21665

Ion Ratio Lower Upper

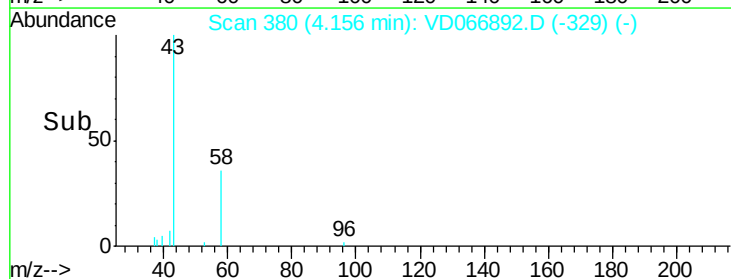
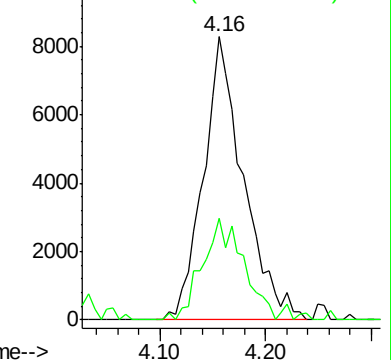
43 100

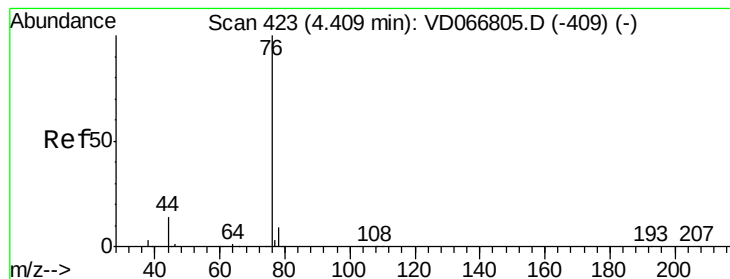
58 35.8 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 6.677 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066892.D

Acq: 26 Sep 2020 01:16

Instrument :

MSVOA_D

ClientSampleId :

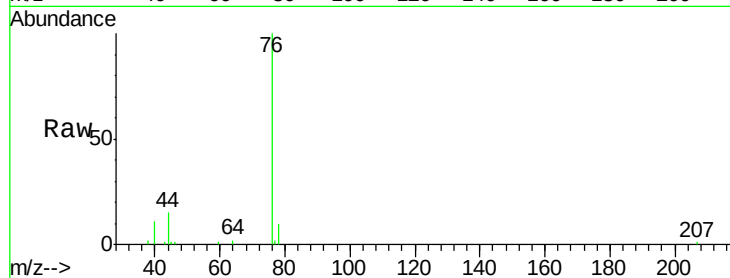
B-1(11-13)

Tot Ion: 76 Resp: 90519

Ion Ratio Lower Upper

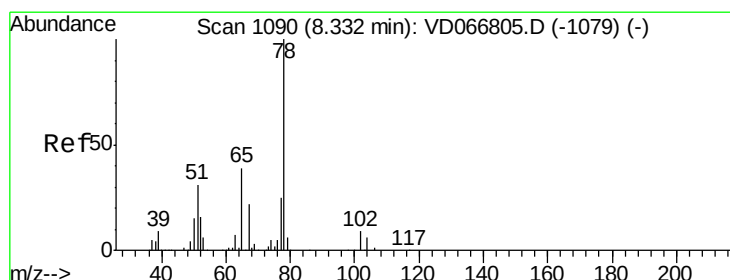
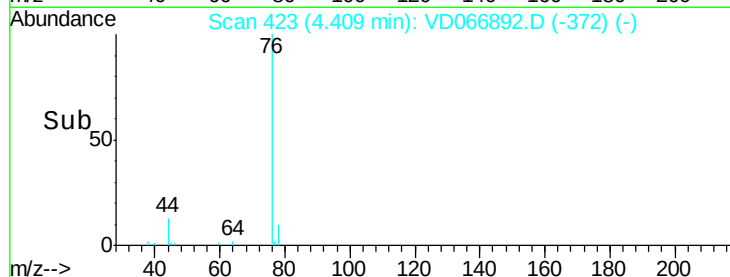
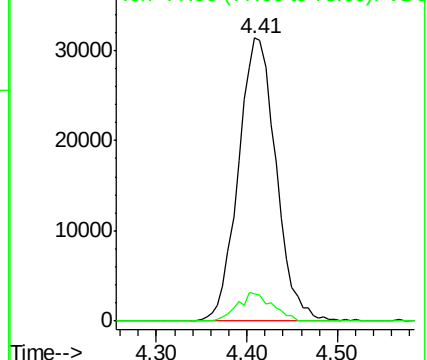
76 100

78 9.8 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 47.730 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066892.D

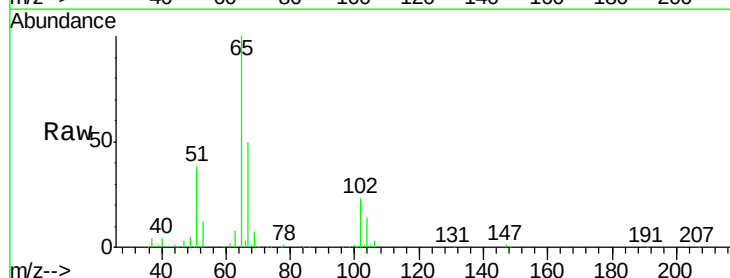
Acq: 26 Sep 2020 01:16

Tgt Ion: 65 Resp: 211550

Ion Ratio Lower Upper

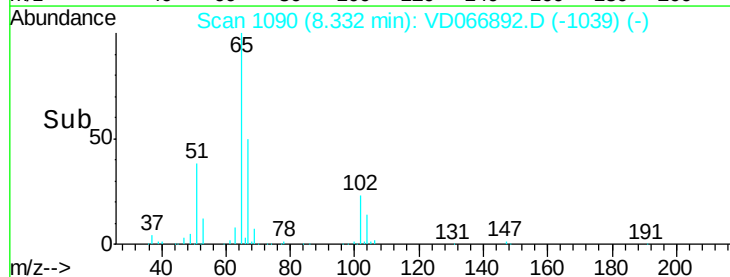
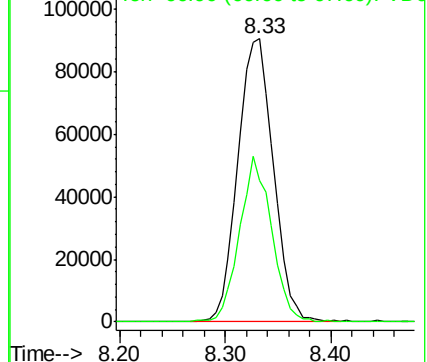
65 100

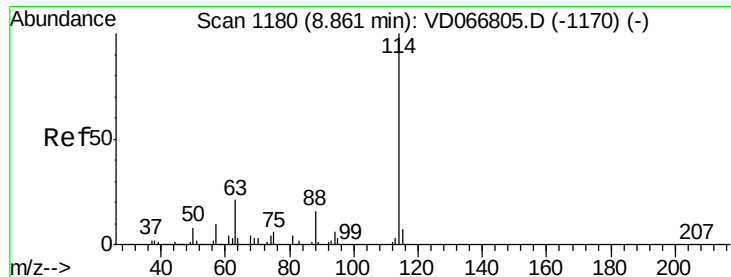
67 53.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066892.D

Acq: 26 Sep 2020 01:16

Instrument :

MSVOA_D

ClientSampleId :

B-1(11-13)

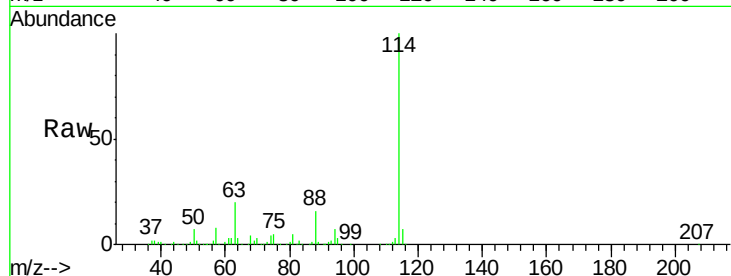
Tot Ion:114 Resp: 771455

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

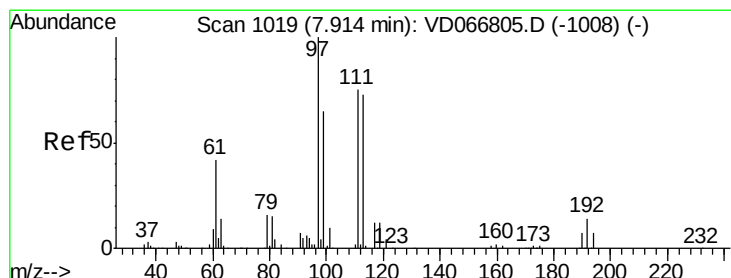
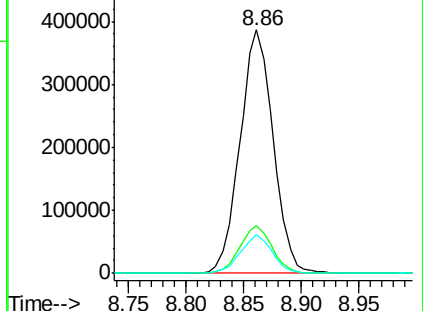
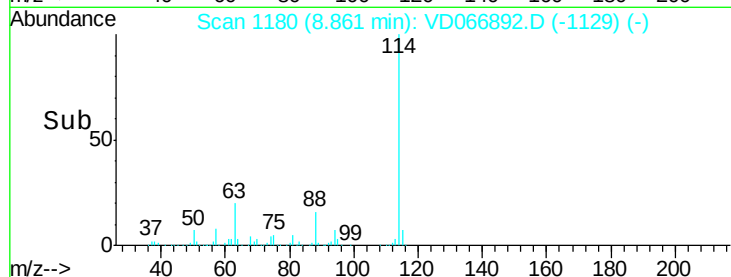
88 16.0 0.0 32.6



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: 45.392 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066892.D

Acq: 26 Sep 2020 01:16

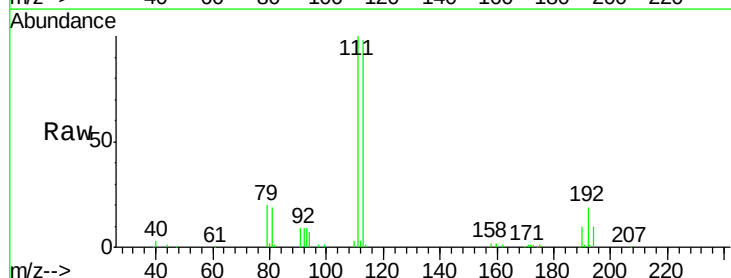
Tgt Ion:113 Resp: 222784

Ion Ratio Lower Upper

113 100

111 104.0 81.8 122.8

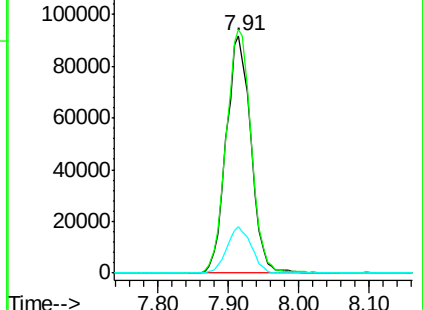
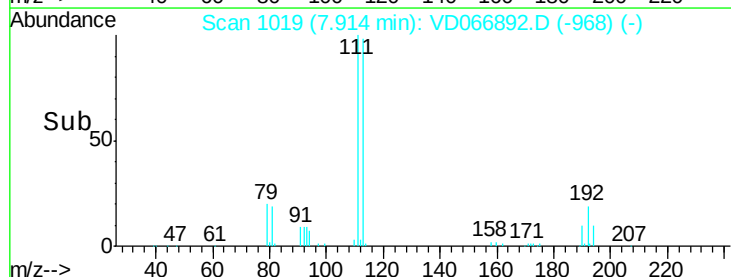
192 19.4 14.4 21.6

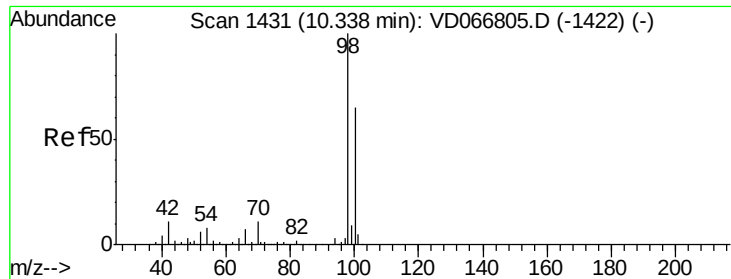


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

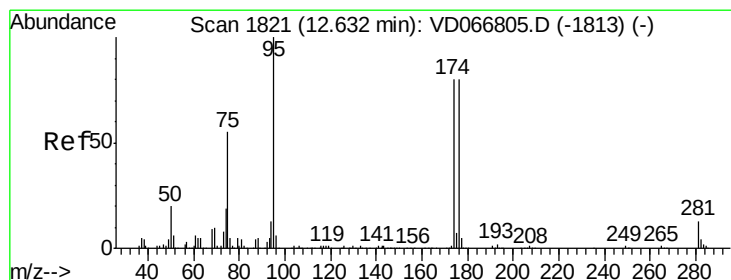
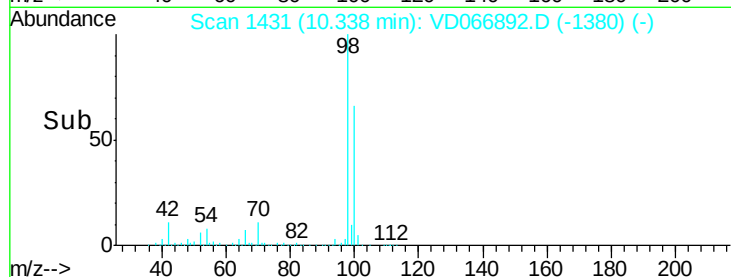
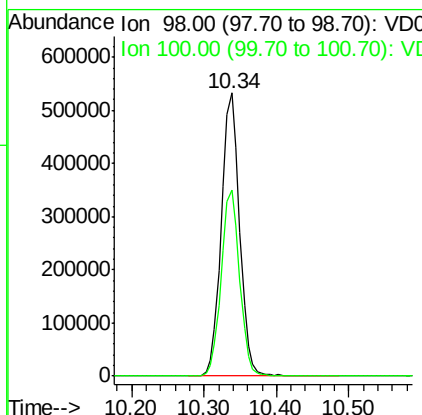
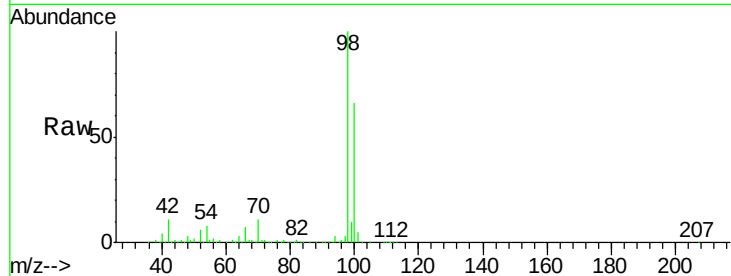




#50
Toluene-d8
Concen: 55.975 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066892.D
Acq: 26 Sep 2020 01:16

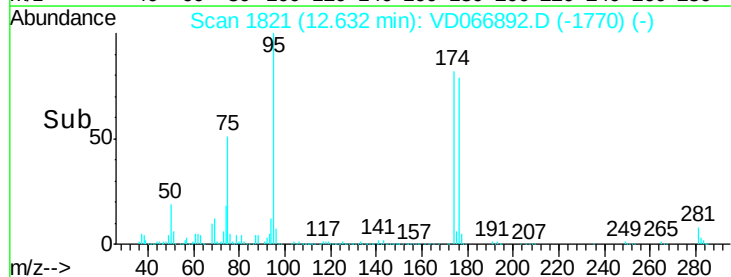
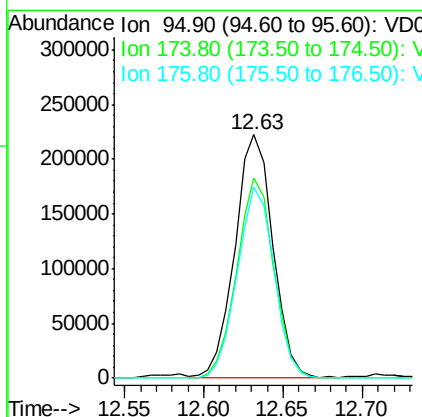
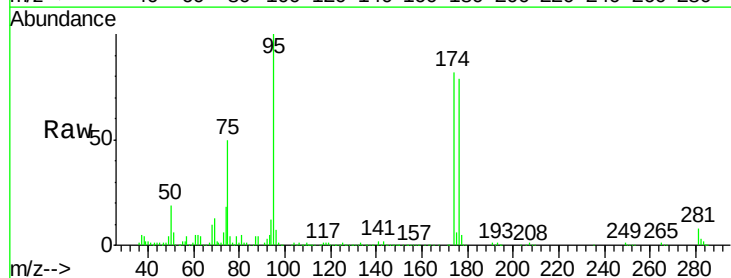
Instrument :
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B-1(11-13)

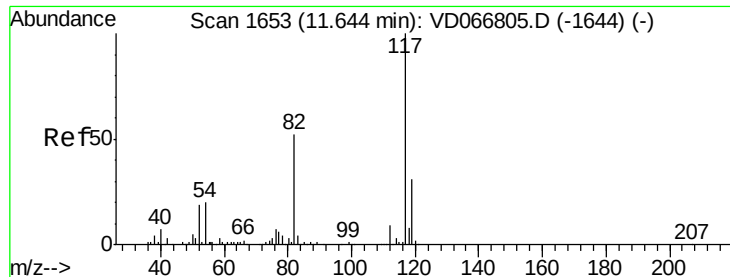
Tot Ion: 98 Resp: 936038
Ion Ratio Lower Upper
98 100
100 66.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 63.952 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066892.D
Acq: 26 Sep 2020 01:16

Tgt Ion: 95 Resp: 366104
Ion Ratio Lower Upper
95 100
174 81.1 0.0 159.8
176 77.3 0.0 154.4

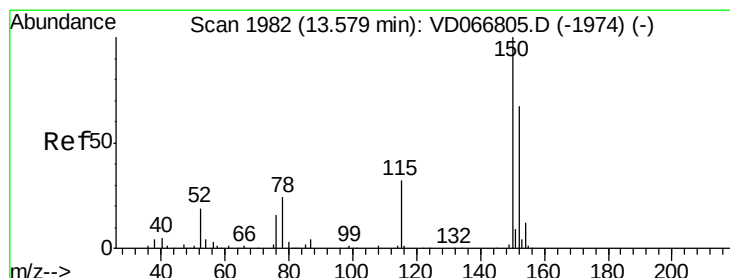
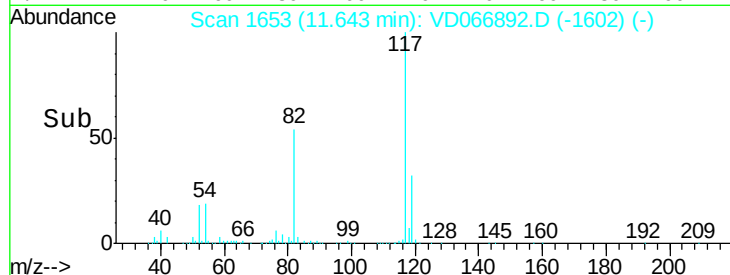
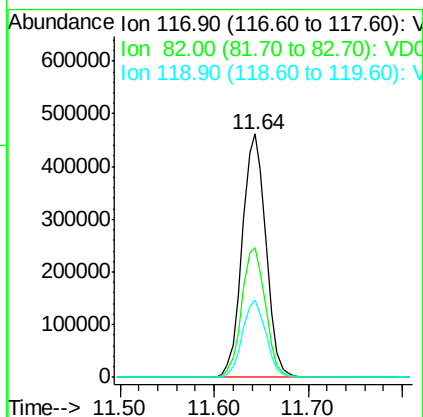
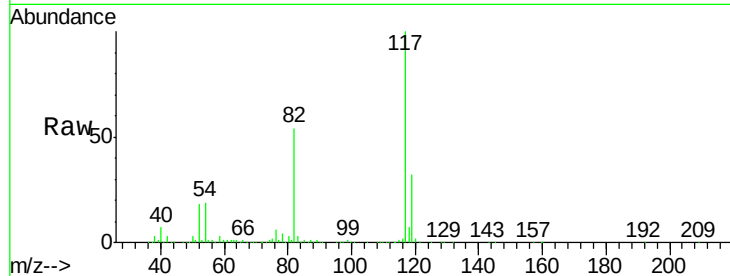




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066892.D
Acq: 26 Sep 2020 01:16

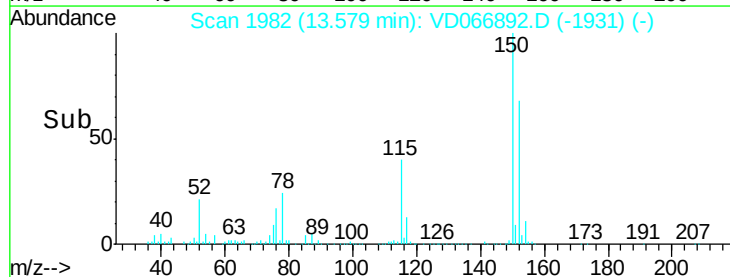
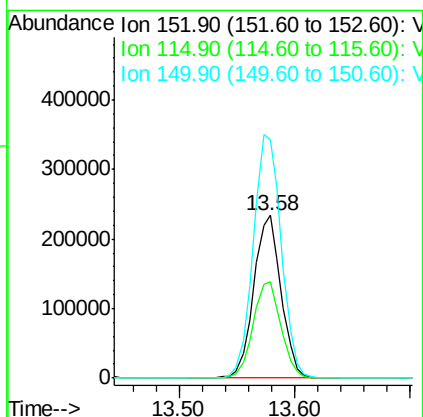
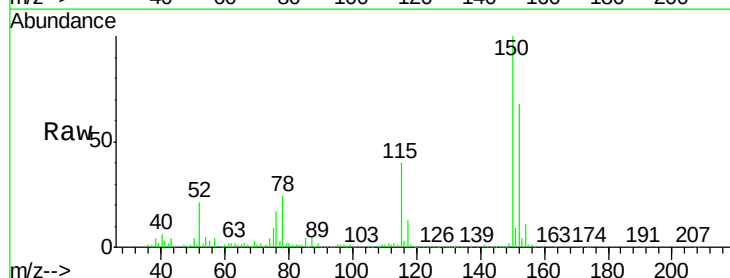
Instrument :
MSVOA_D
ClientSampleId :
B-1(11-13)

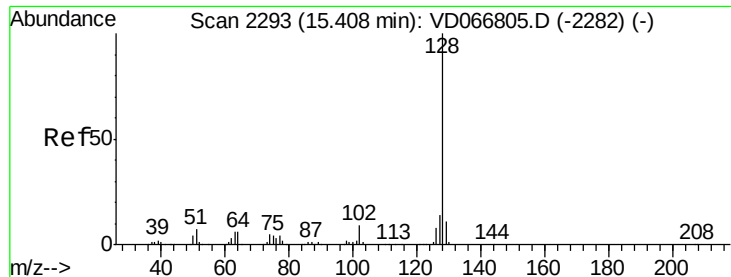
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	41.8	62.6
119	31.9	24.6	37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066892.D
Acq: 26 Sep 2020 01:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	30.3	91.0
150	154.4	0.0	346.2

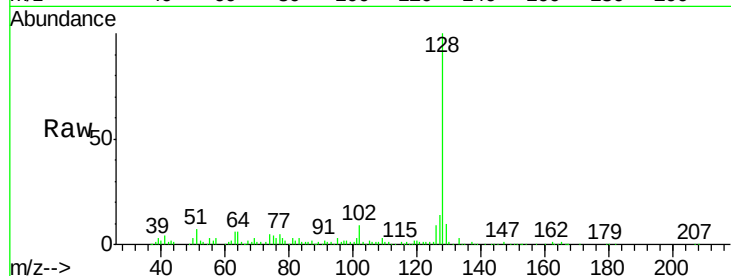




#95
 Naphthalene
 Concen: 22.730 ug/l
 RT: 15.40 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: VD066892.D
 Acq: 26 Sep 2020 01:16

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1(11-13)

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	11.5	8.9	13.3



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

