

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090420\
 Data File : VD066567.D
 Acq On : 04 Sep 2020 17:07
 Operator : VA/SY
 Sample : L3864-01
 Misc : 7.78G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-090320

Quant Time: Sep 05 05:18:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

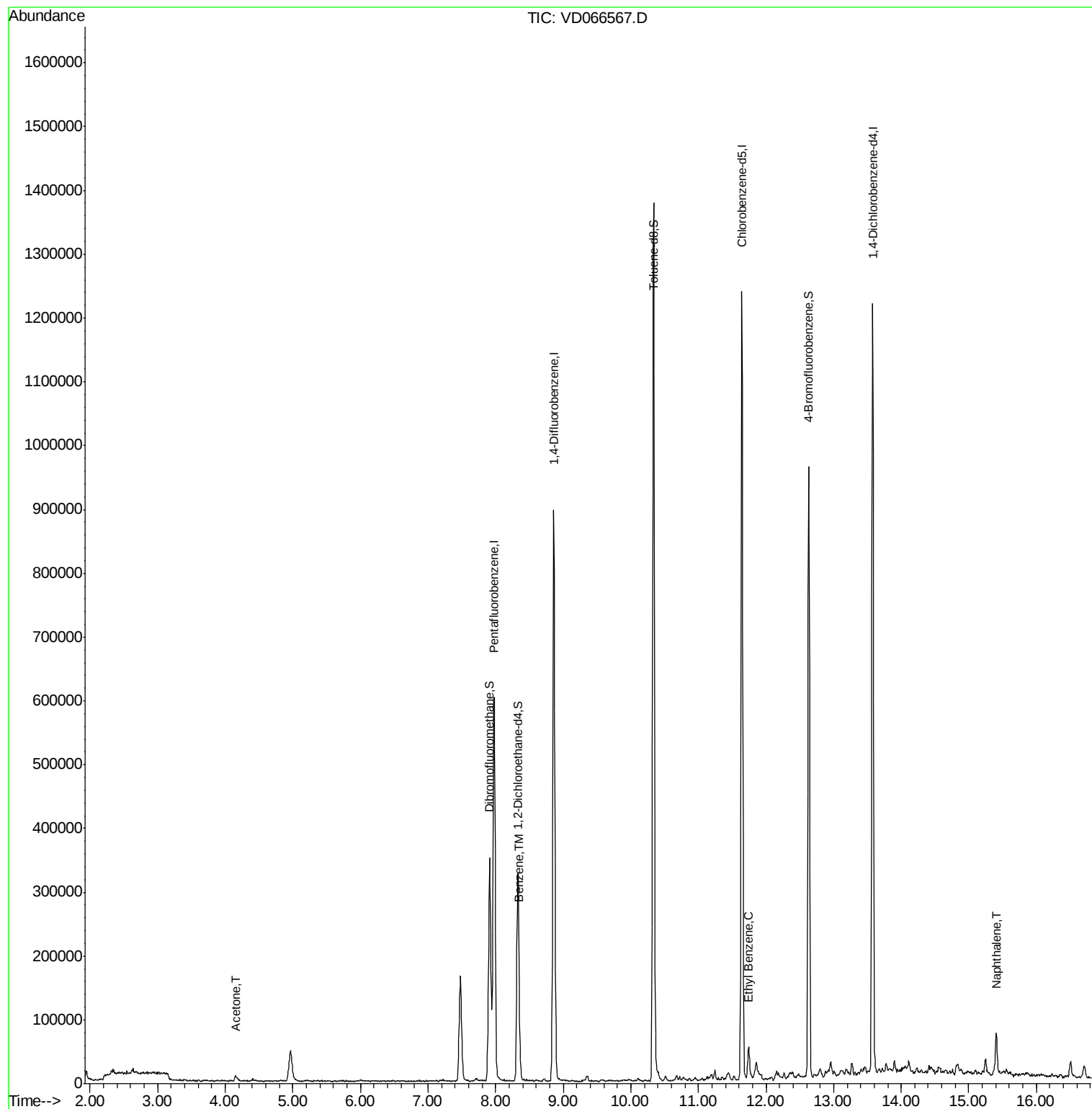
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	416690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	732154	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	669462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	290751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	249626	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
35) Dibromofluoromethane	7.91	113	243750	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
50) Toluene-d8	10.34	98	887194	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.63	95	297548	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
Target Compounds						
16) Acetone	4.16	43	13973	15.063	ug/l #	82
40) Benzene	8.35	78	42539	2.038	ug/l	94
67) Ethyl Benzene	11.74	91	31177	1.229	ug/l	100
95) Naphthalene	15.41	128	56476	6.466	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# 1030

Delta R.T. -0.00 min

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Acq: 04 Sep 2020 17:07

Instrument :

MSVOA_D

ClientSampleId :

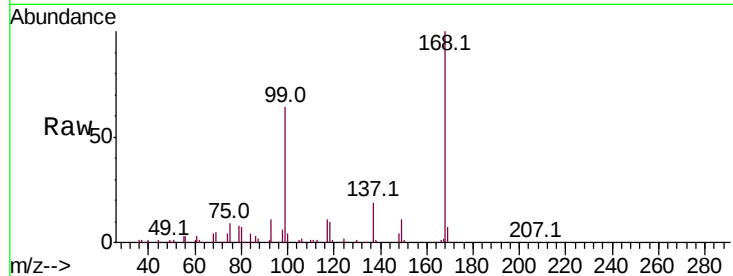
CL-01-090320

Tot Ion:168 Resp: 416690

Ion Ratio Lower Upper

168 100

99 64.1 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

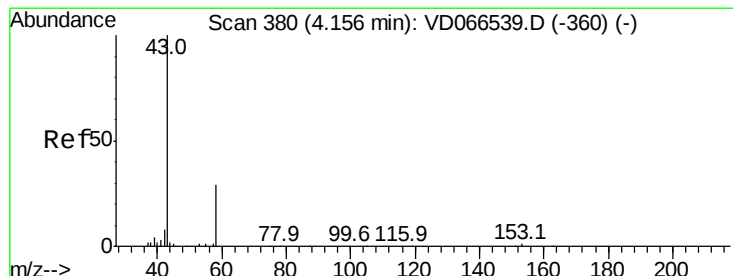
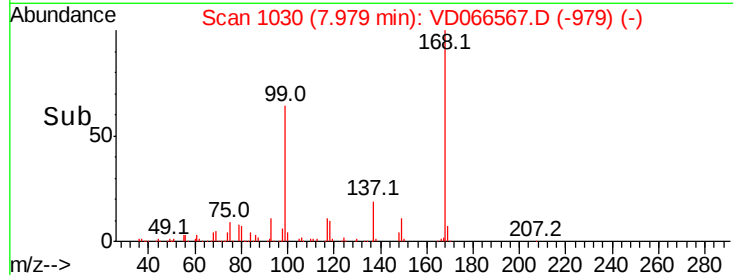
150000

100000

50000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 15.063 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066567.D

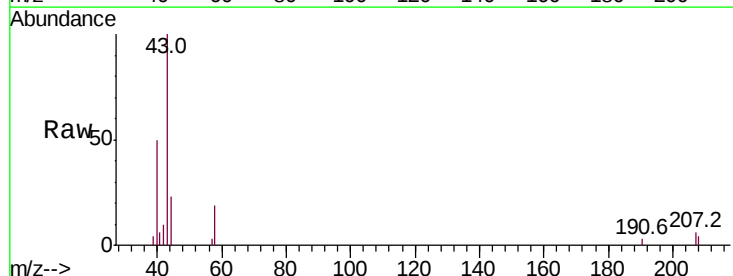
Acq: 04 Sep 2020 17:07

Tgt Ion: 43 Resp: 13973

Ion Ratio Lower Upper

43 100

58 19.0 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

5000

4000

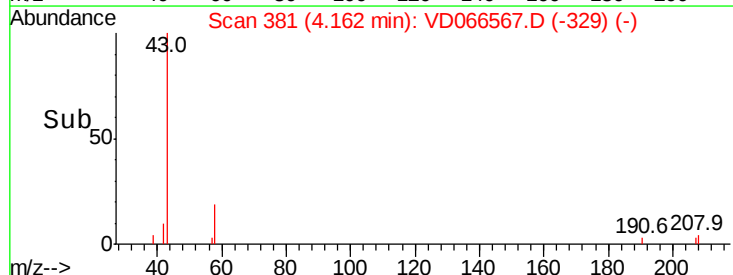
3000

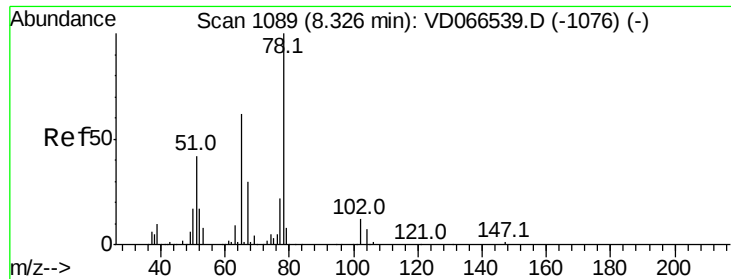
2000

1000

0

Time--> 4.05 4.10 4.15 4.20





#33

1,2-Dichloroethane-d4

Concen: 49.514 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

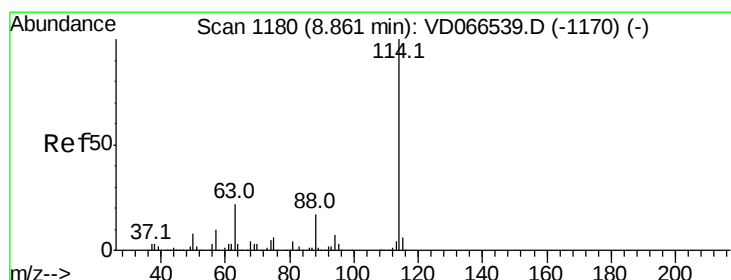
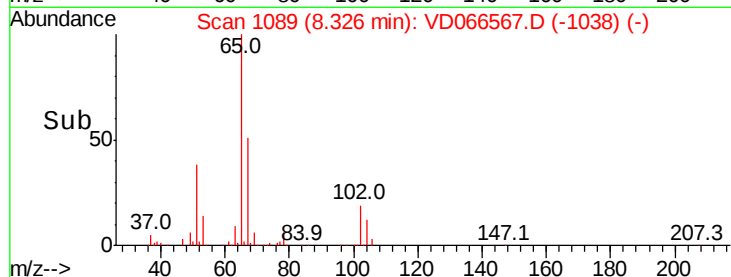
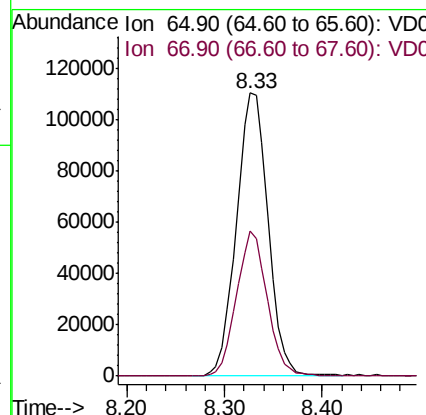
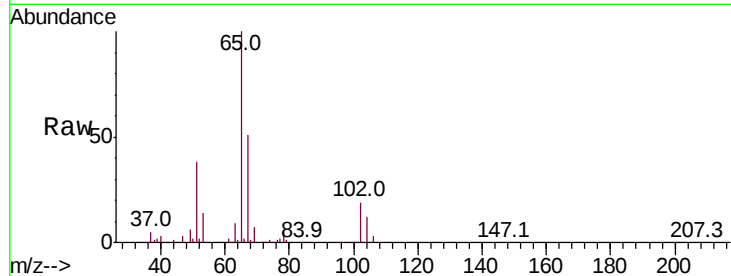
Lab File: VD066567.D

Acq: 04 Sep 2020 17:07

Instrument :
MSVOA_D
ClientSampleId :
CL-01-090320

Tot Ion: 65 Resp: 249626

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

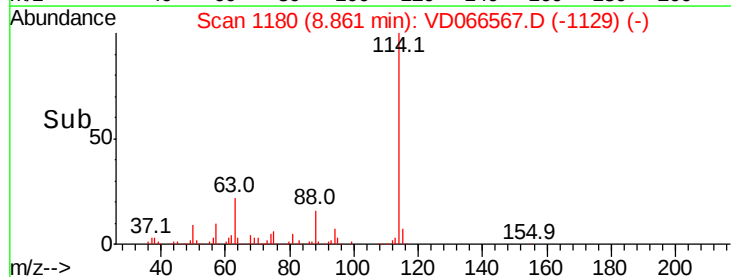
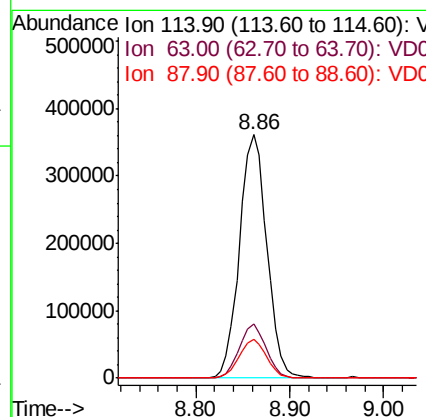
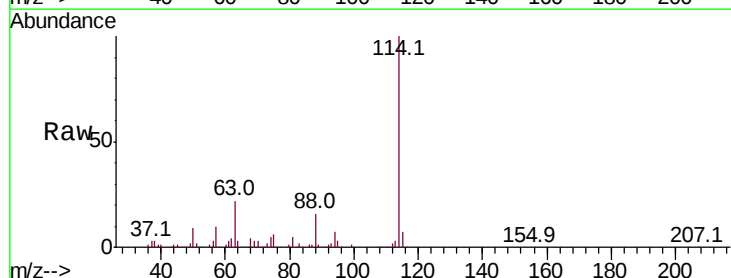
Delta R.T. -0.00 min

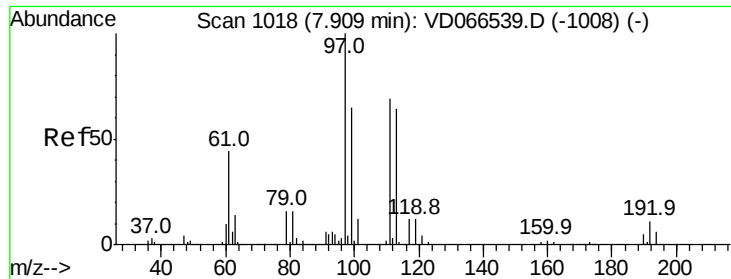
Lab File: VD066567.D

Acq: 04 Sep 2020 17:07

Tgt Ion: 114 Resp: 732154

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.2
88	15.8	0.0	33.2



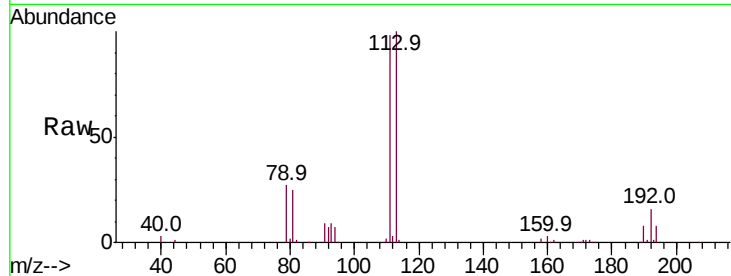


#35
Dibromofluoromethane
Concen: 49.350 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066567.D
Acq: 04 Sep 2020 17:07

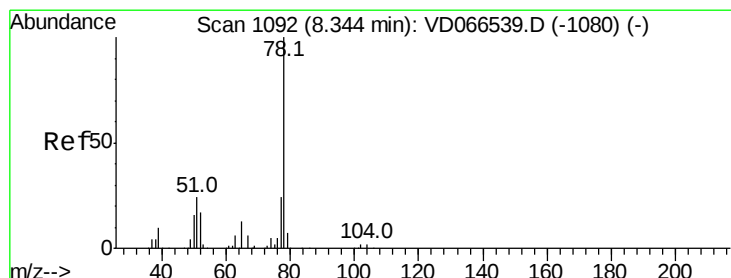
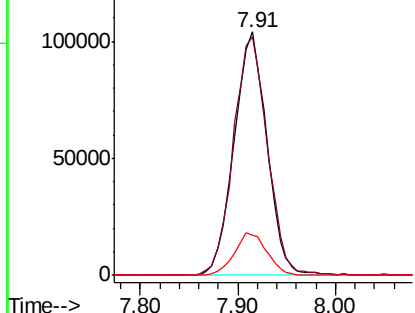
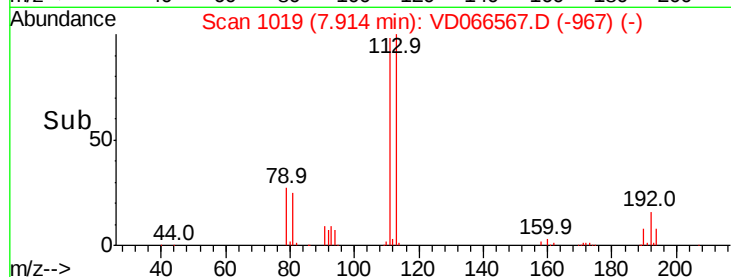
Instrument :
MSVOA_D
ClientSampleId :
CL-01-090320

Tot Ion:113 Resp: 243750

Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.2	124.8
192	17.2	13.7	20.5



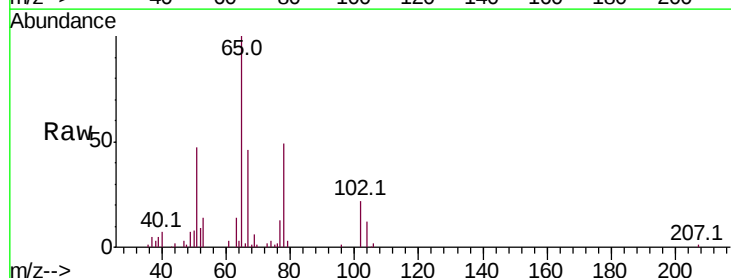
Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



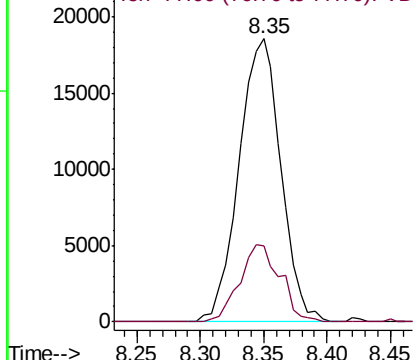
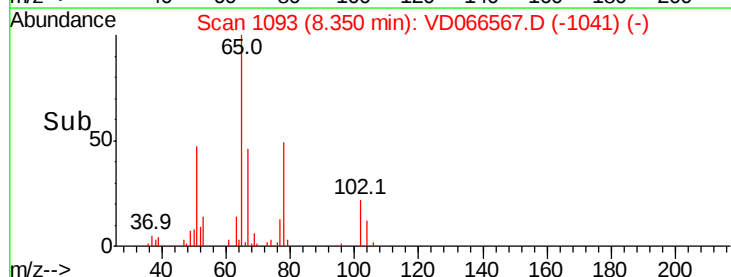
#40
Benzene
Concen: 2.038 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066567.D
Acq: 04 Sep 2020 17:07

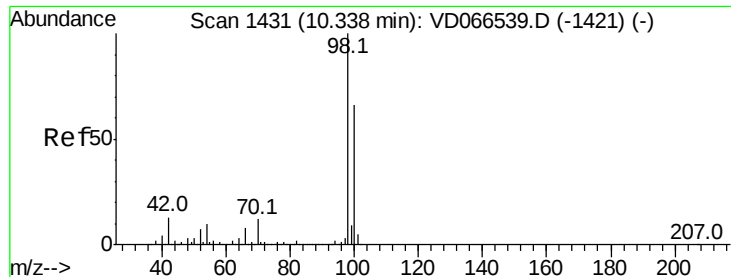
Tgt Ion: 78 Resp: 42539

Ion	Ratio	Lower	Upper
78	100		
77	27.0	19.1	28.7



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

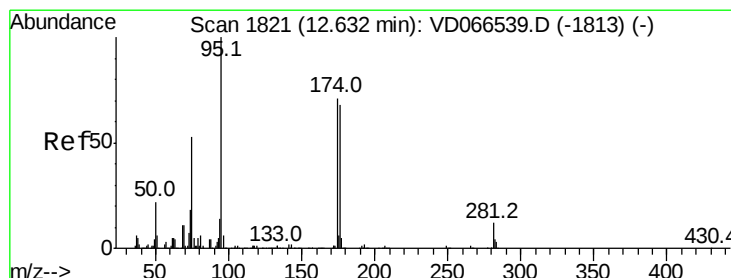
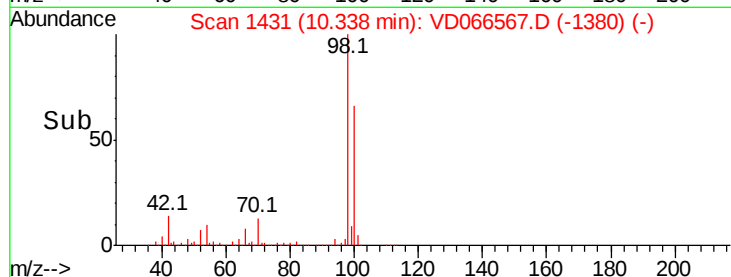
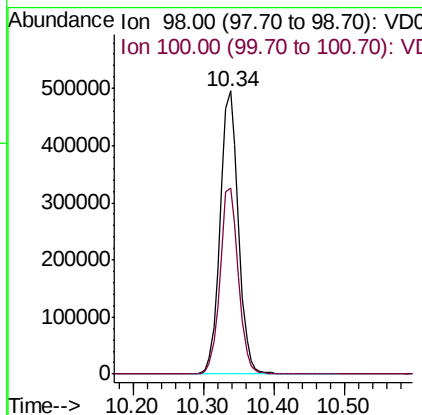
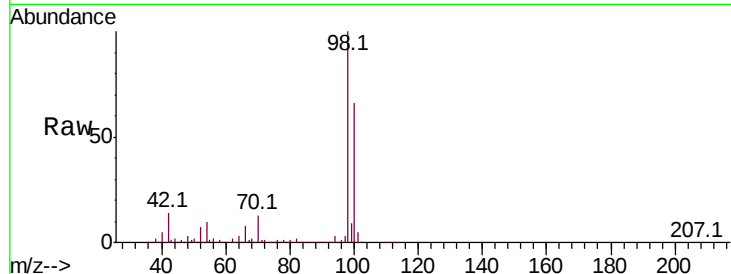




#50
Toluene-d8
Concen: 50.256 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066567.D
Acq: 04 Sep 2020 17:07

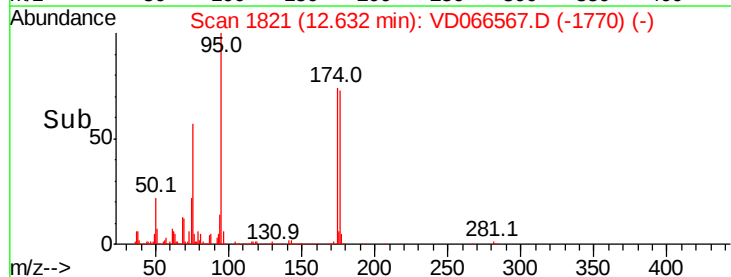
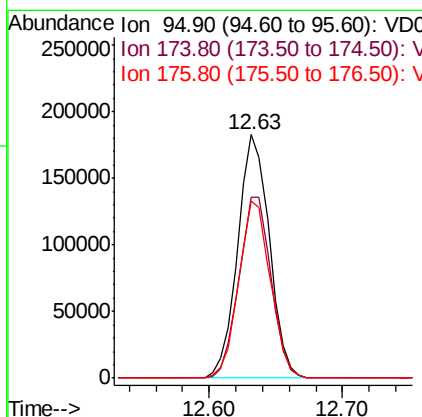
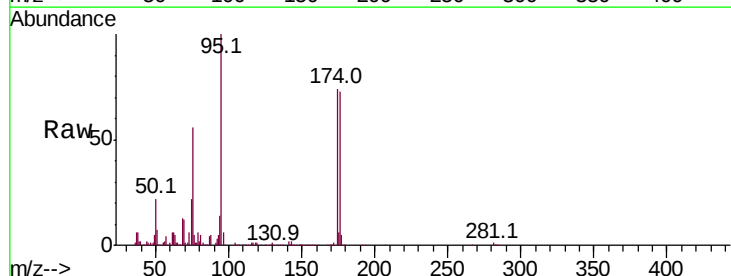
Instrument :
MSVOA_D
ClientSampleId :
CL-01-090320

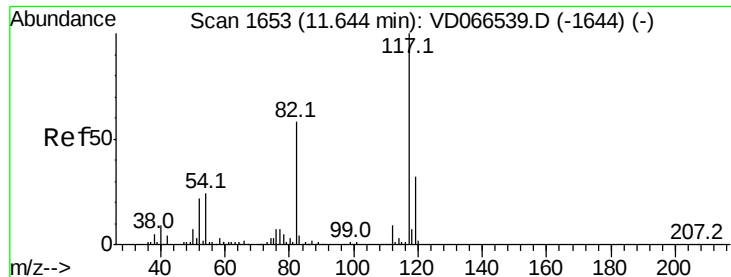
Tot Ion: 98 Resp: 887194
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 50.831 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066567.D
Acq: 04 Sep 2020 17:07

Tgt Ion: 95 Resp: 297548
Ion Ratio Lower Upper
95 100
174 75.6 0.0 155.8
176 73.4 0.0 148.6

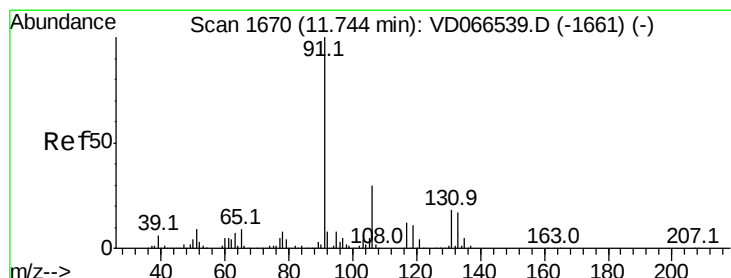
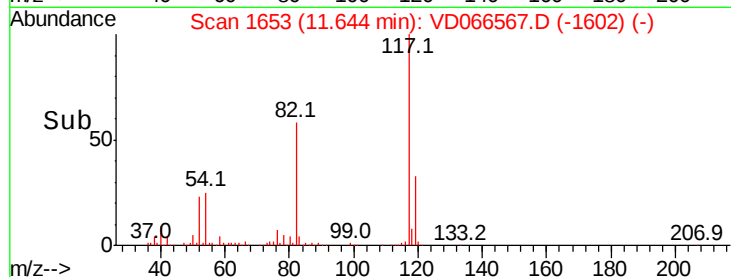
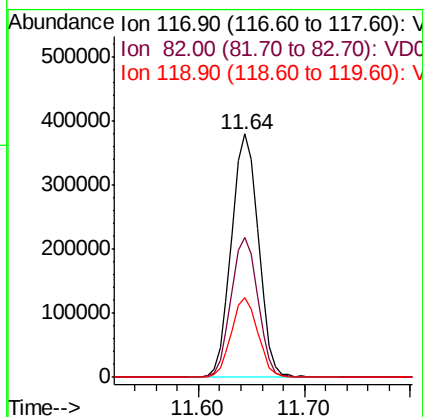
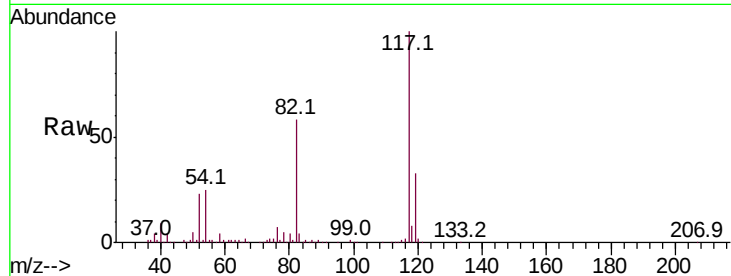




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066567.D
Acq: 04 Sep 2020 17:07

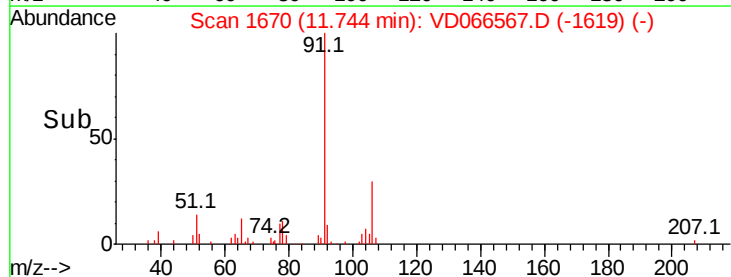
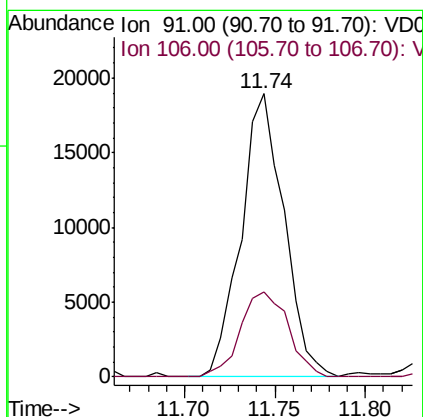
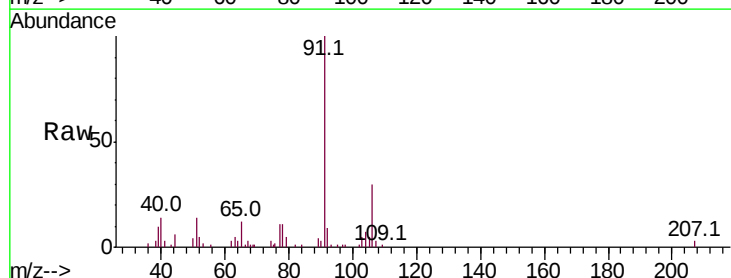
Instrument :
MSVOA_D
ClientSampleId :
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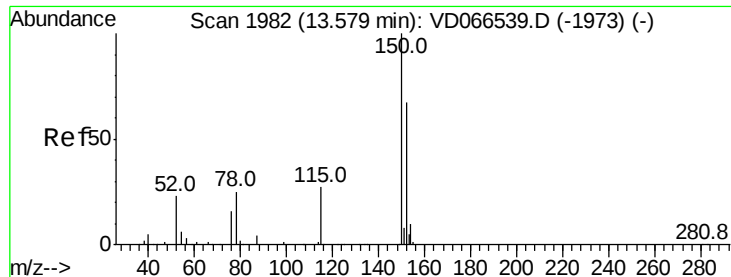
Tot Ion:117 Resp: 669462
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.2
119 32.9 25.8 38.8



#67
Ethyl Benzene
Concen: 1.229 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066567.D
Acq: 04 Sep 2020 17:07

Tgt Ion: 91 Resp: 31177
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066567.D

Acq: 04 Sep 2020 17:07

Instrument :

MSVOA_D

ClientSampleId :

CL-01-090320

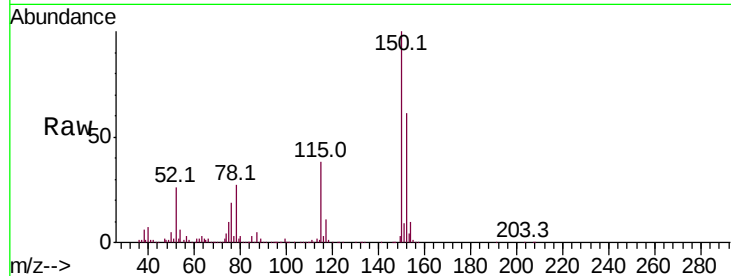
Tot Ion:152 Resp: 290751

Ion Ratio Lower Upper

152 100

115 64.4 30.4 91.2

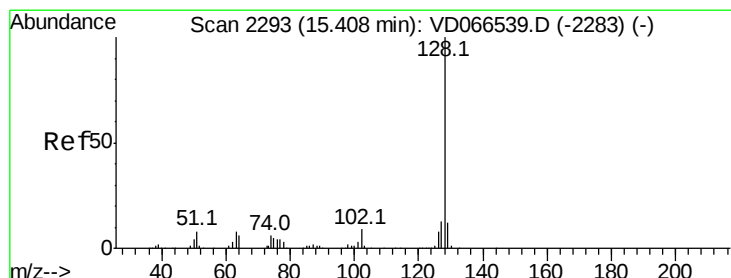
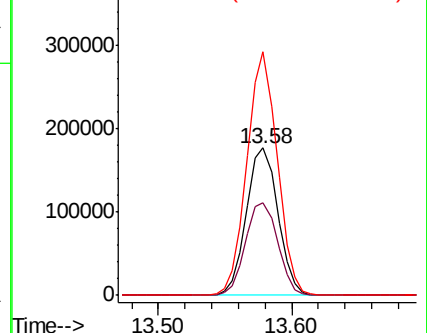
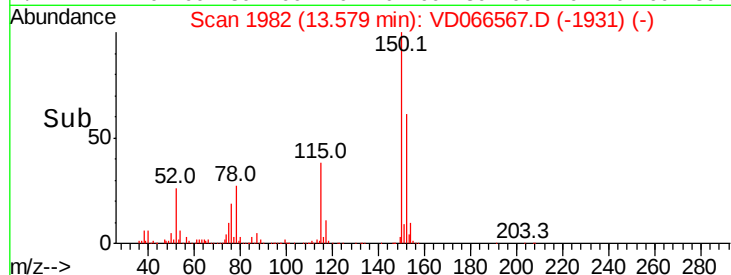
150 157.7 0.0 345.8



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



#95

Naphthalene

Concen: 6.466 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066567.D

Acq: 04 Sep 2020 17:07

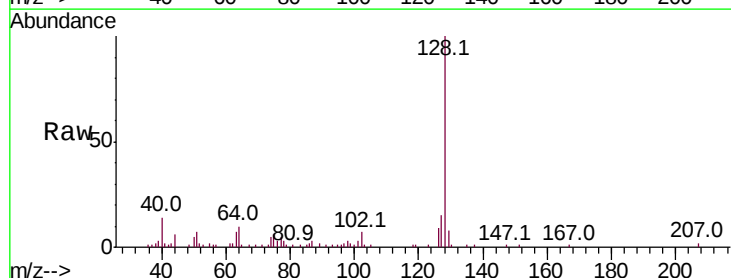
Tgt Ion:128 Resp: 56476

Ion Ratio Lower Upper

128 100

127 16.0 10.7 16.1

129 11.0 9.1 13.7



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

