

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067134.D
 Acq On : 07 Oct 2020 04:36
 Operator : VA/SY
 Sample : L4273-07
 Misc : 4.67G/5.00ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4

Quant Time: Oct 07 06:16:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

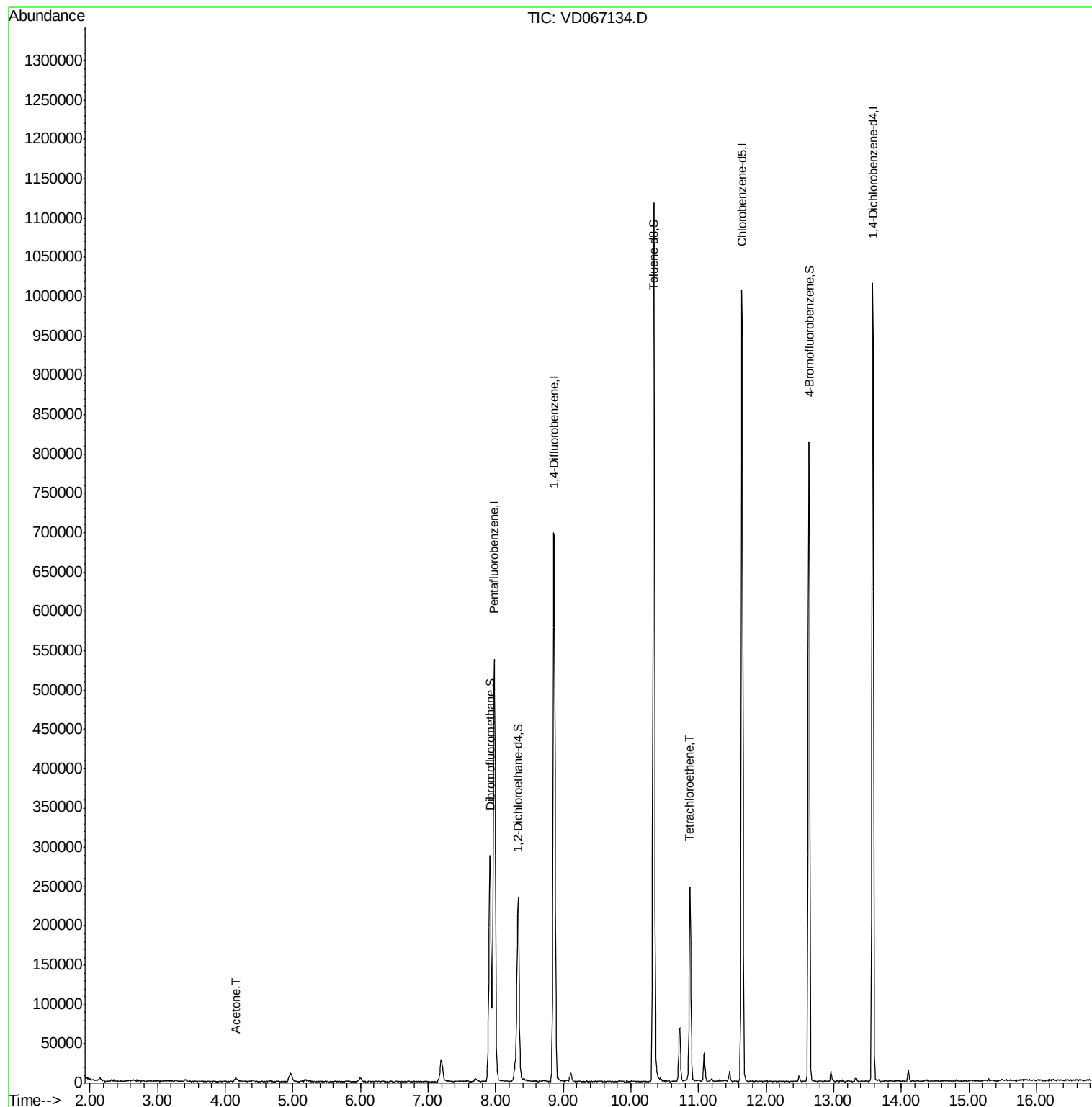
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	403009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	642914	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	607058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	282620	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	193123	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
35) Dibromofluoromethane	7.92	113	210818	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
50) Toluene-d8	10.34	98	756779	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	12.64	95	254032	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
Target Compounds						
16) Acetone	4.16	43	9698	16.366	ug/l	94
64) Tetrachloroethene	10.88	164	60797	13.776	ug/l #	86

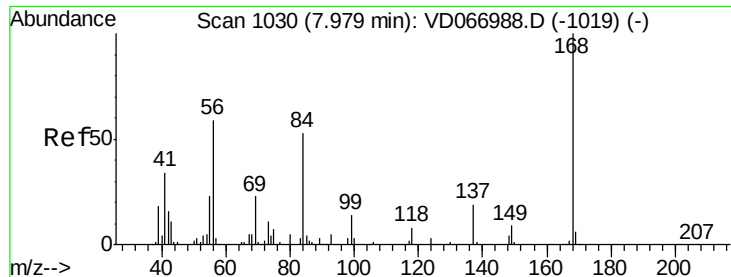
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 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: VD067134.D

Acq: 07 Oct 2020 04:36

Instrument :

MSVOA_D

ClientSampled :

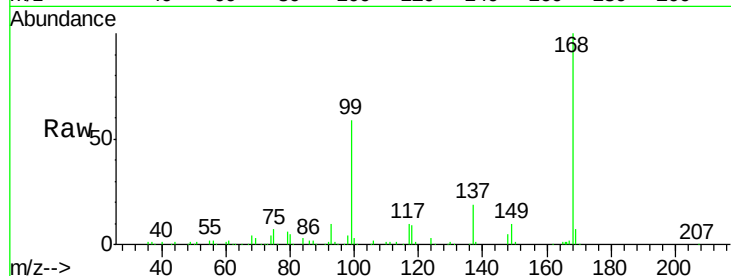
SB-4

Tot Ion:168 Resp: 403009

Ion Ratio Lower Upper

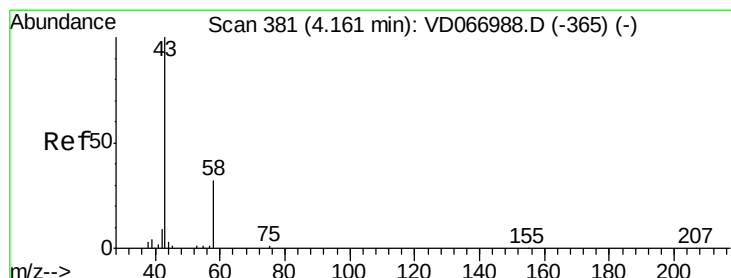
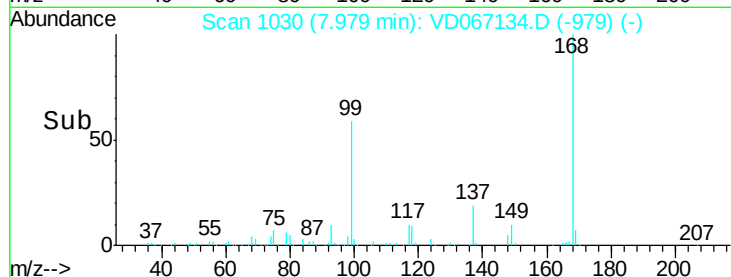
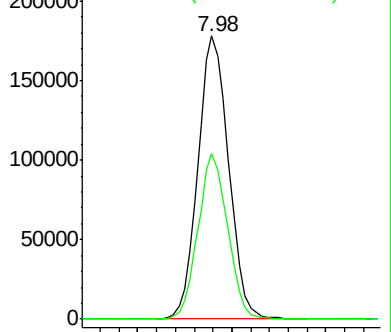
168 100

99 58.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 16.366 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067134.D

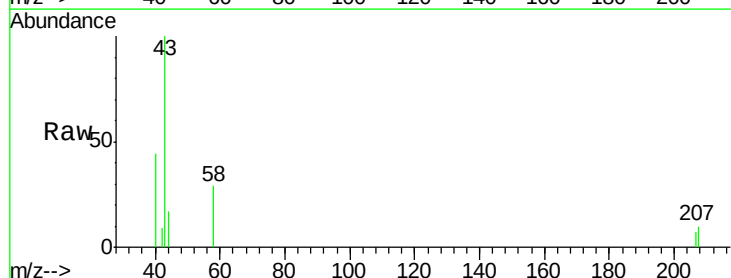
Acq: 07 Oct 2020 04:36

Tgt Ion: 43 Resp: 9698

Ion Ratio Lower Upper

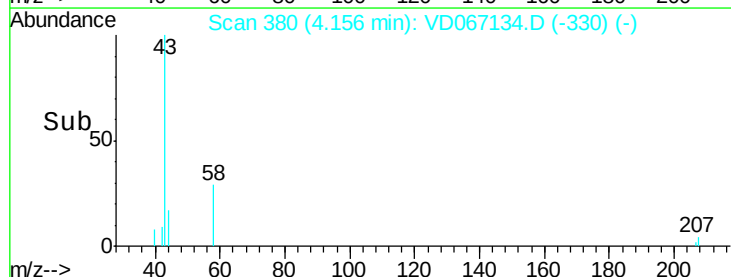
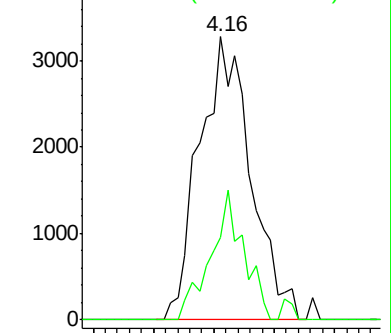
43 100

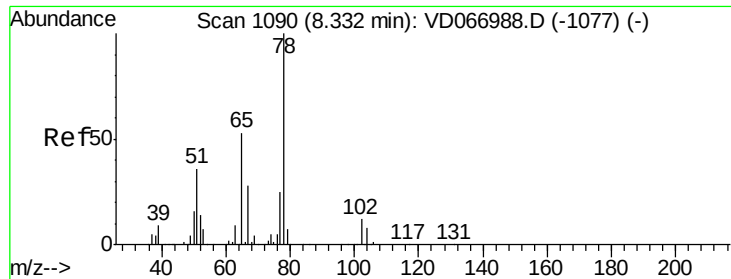
58 29.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

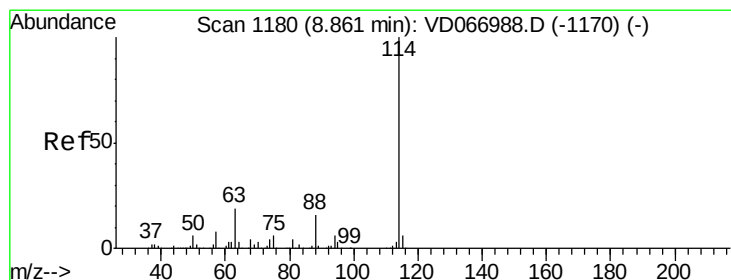
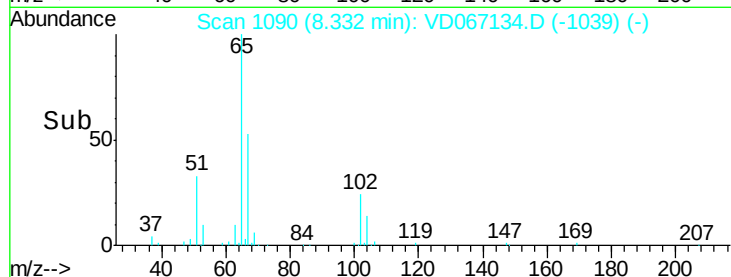
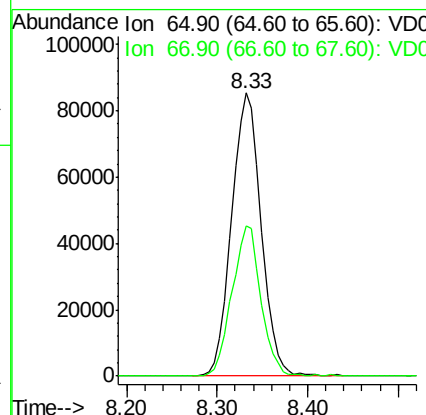
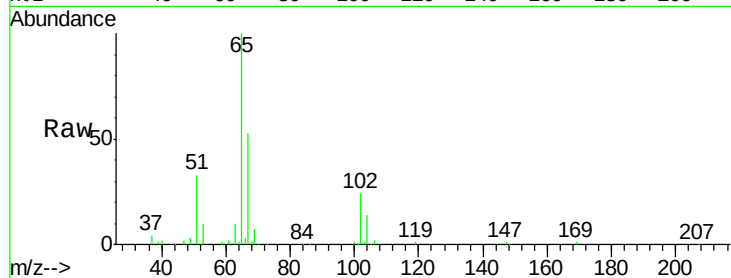




#33
 1,2-Dichloroethane-d4
 Concen: 49.751 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067134.D
 Acq: 07 Oct 2020 04:36

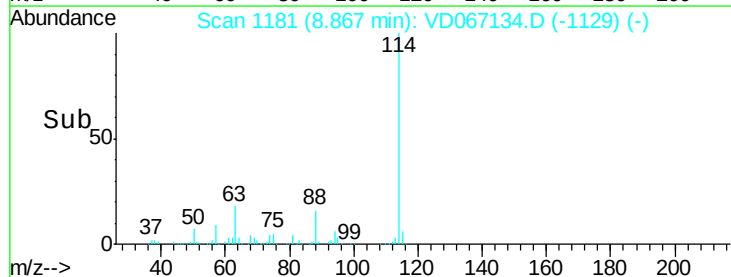
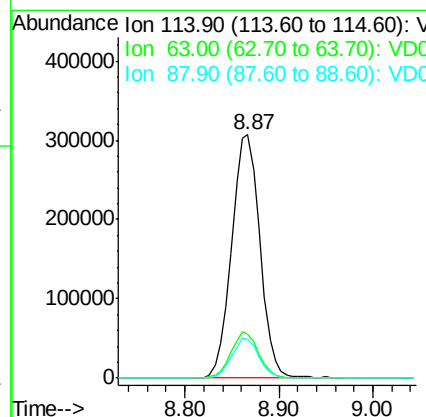
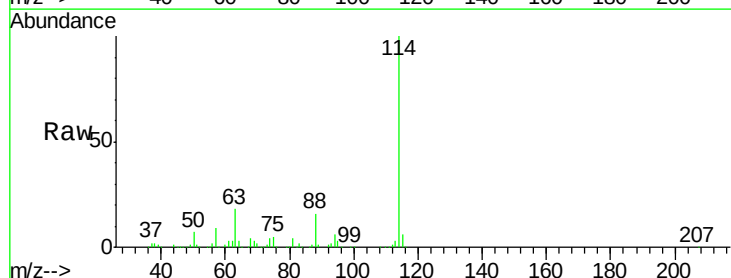
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4

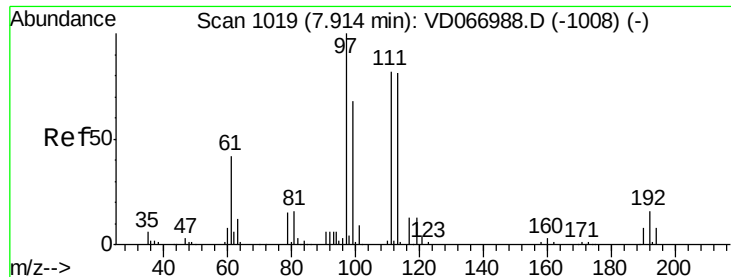
Tot Ion: 65 Resp: 193123
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067134.D
 Acq: 07 Oct 2020 04:36

Tgt Ion: 114 Resp: 642914
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.4
 88 16.0 0.0 31.2

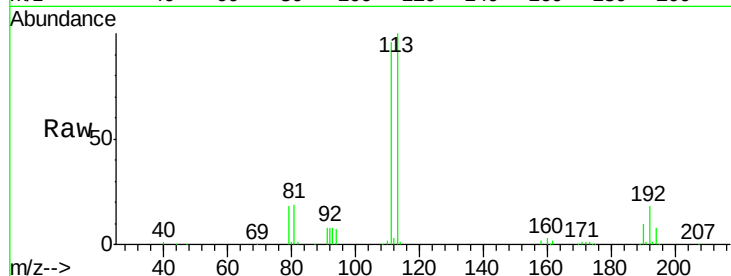




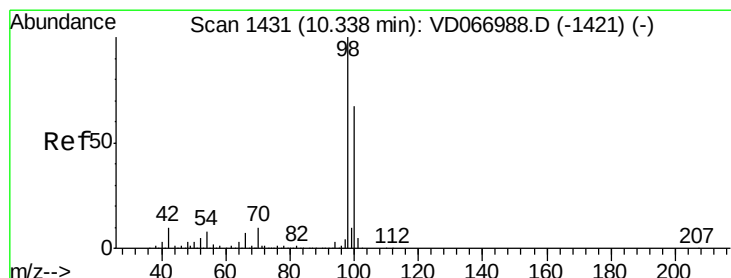
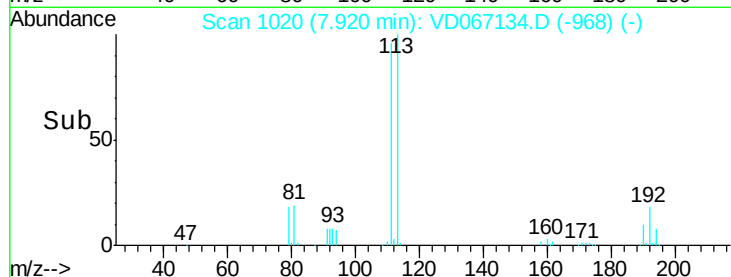
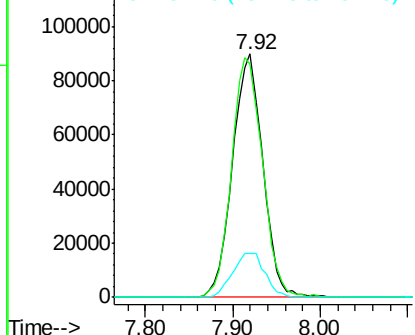
#35
Dibromofluoromethane
Concen: 50.087 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067134.D
Acq: 07 Oct 2020 04:36

Instrument :
MSVOA_D
ClientSampleId :
SB-4

Tot Ion:113 Resp: 210818
Ion Ratio Lower Upper
113 100
111 100.9 83.0 124.4
192 19.5 15.5 23.3

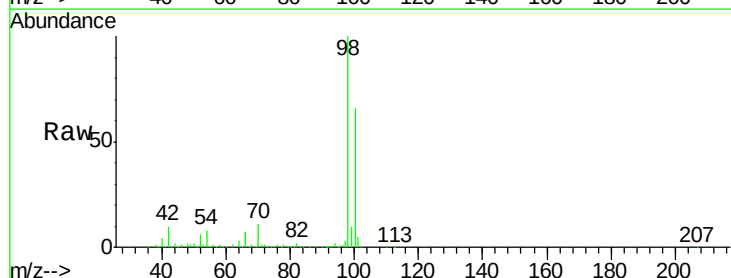


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

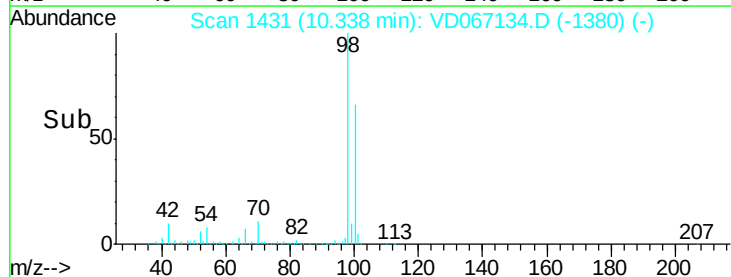
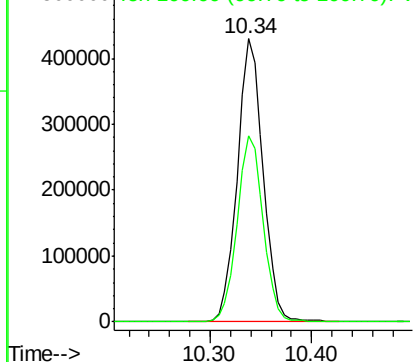


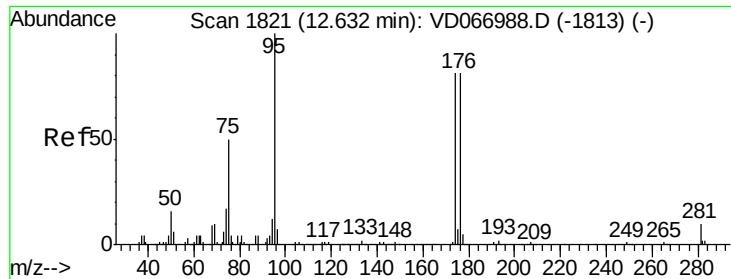
#50
Toluene-d8
Concen: 49.343 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067134.D
Acq: 07 Oct 2020 04:36

Tgt Ion: 98 Resp: 756779
Ion Ratio Lower Upper
98 100
100 66.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V

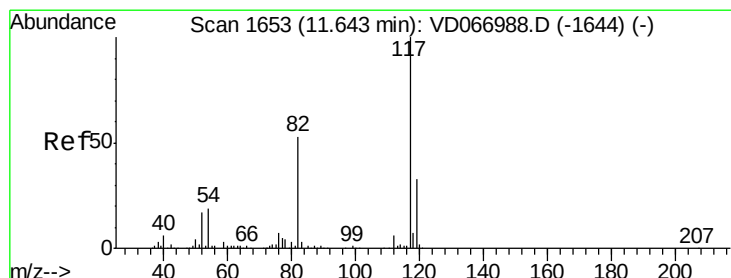
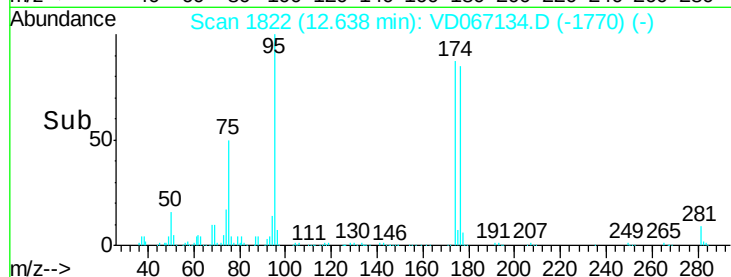
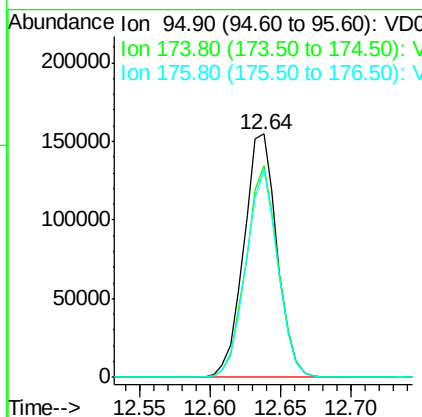
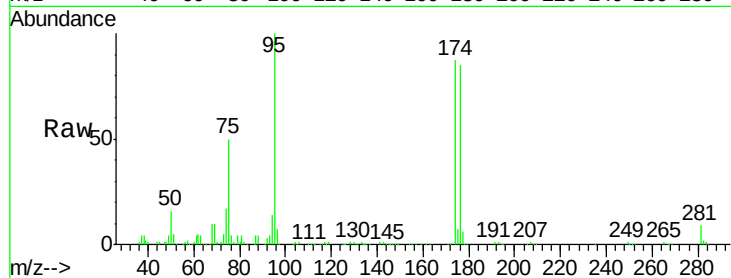




#62
4-Bromofluorobenzene
Concen: 48.790 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067134.D
Acq: 07 Oct 2020 04:36

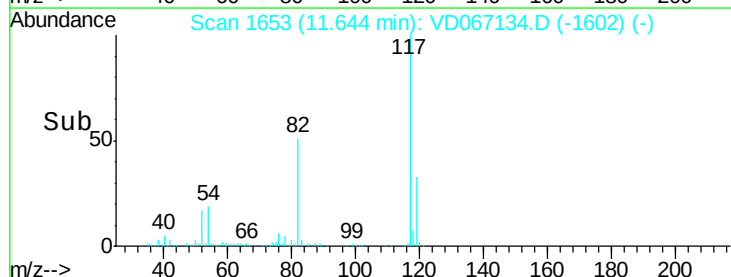
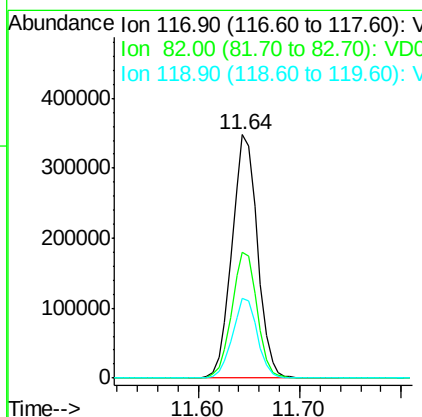
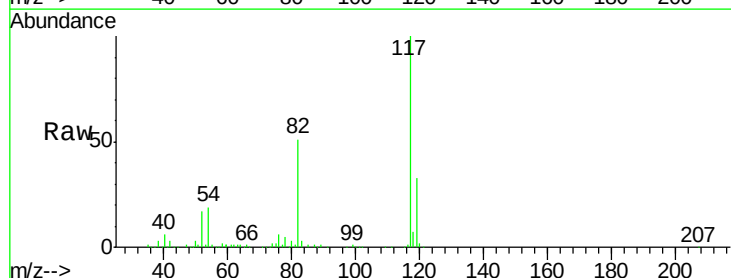
Instrument :
MSVOA_D
ClientSampled :
SB-4

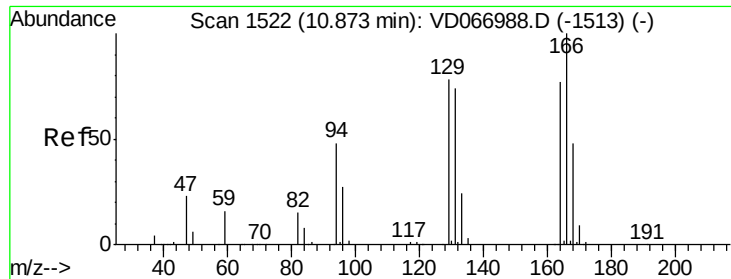
Tot Ion: 95 Resp: 254032
Ion Ratio Lower Upper
95 100
174 84.8 0.0 167.6
176 82.5 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067134.D
Acq: 07 Oct 2020 04:36

Tgt Ion: 117 Resp: 607058
Ion Ratio Lower Upper
117 100
82 51.5 42.6 63.8
119 32.7 26.3 39.5

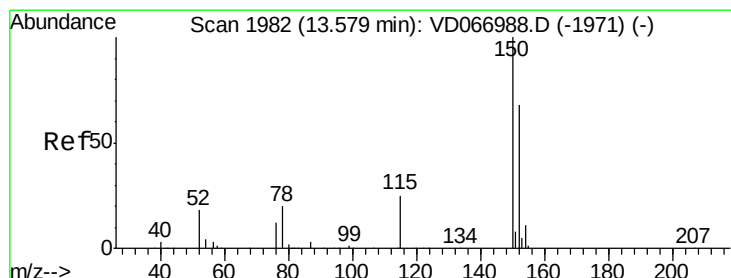
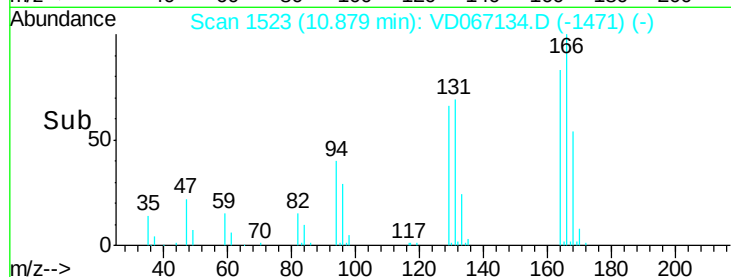
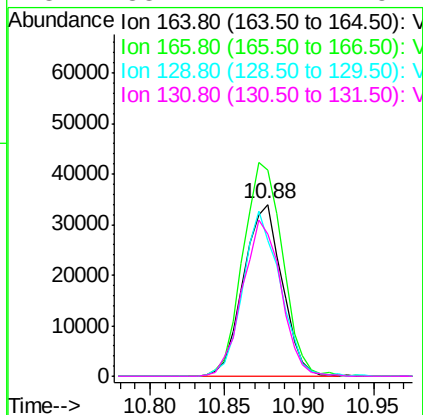
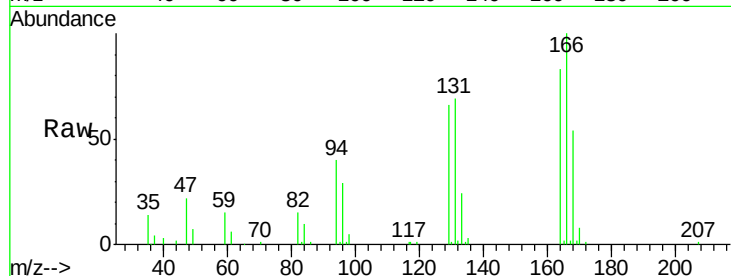




#64
Tetrachloroethene
Concen: 13.776 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.01 min
Lab File: VD067134.D
Acq: 07 Oct 2020 04:36

Instrument :
MSVOA_D
ClientSampleId :
SB-4

Tot Ion:164 Resp: 60797
Ion Ratio Lower Upper
164 100
166 120.1 104.4 156.6
129 79.2 81.3 121.9#
131 83.1 77.1 115.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067134.D
Acq: 07 Oct 2020 04:36

Tgt Ion:152 Resp: 282620
Ion Ratio Lower Upper
152 100
115 58.0 29.6 88.8
150 155.9 0.0 344.8

