

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067145.D
 Acq On : 07 Oct 2020 11:54
 Operator : VA/SY
 Sample : L4279-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1

Quant Time: Oct 08 07:53:47 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

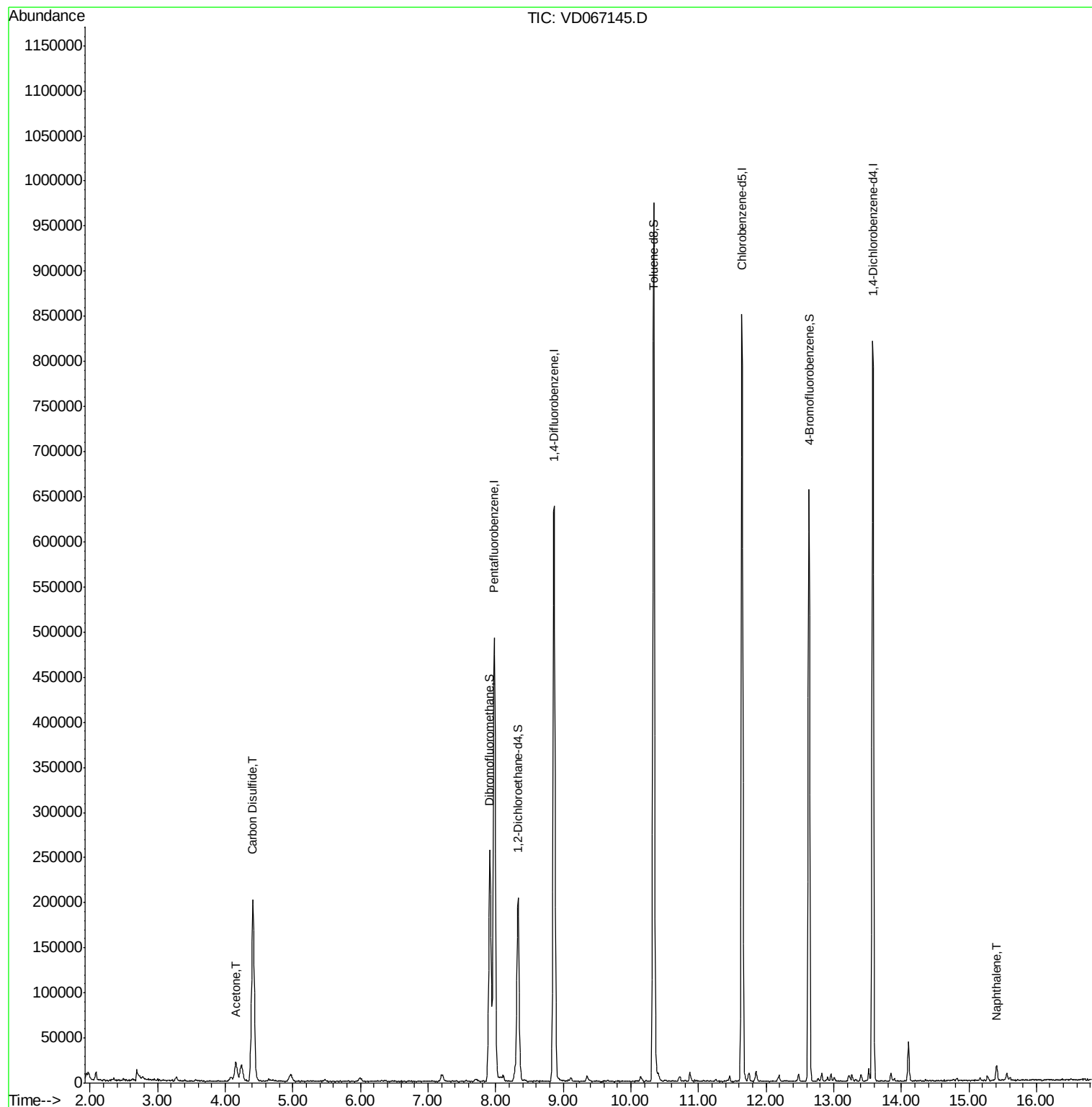
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	371280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	584905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	517511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	233841	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	167043	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
35) Dibromofluoromethane	7.91	113	182865	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
50) Toluene-d8	10.34	98	680304	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
62) 4-Bromofluorobenzene	12.64	95	208524	44.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.04%	
Target Compounds						
16) Acetone	4.16	43	37264	68.261	ug/l	98
17) Carbon Disulfide	4.41	76	429323	39.970	ug/l	97
95) Naphthalene	15.41	128	15754	2.239	ug/l	98

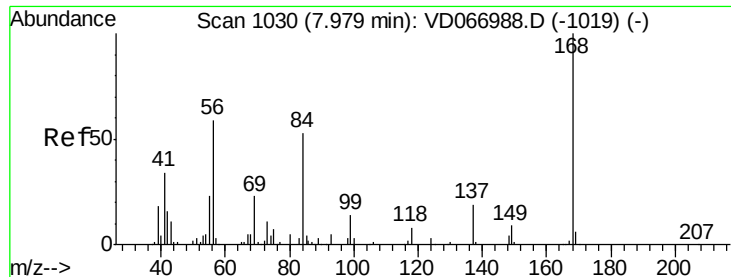
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Instrument :

MSVOA_D

ClientSampleId :

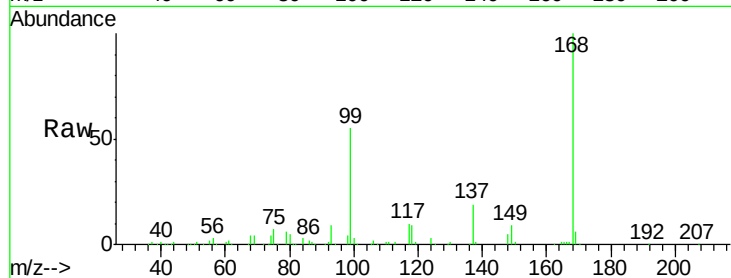
S-1

Tot Ion:168 Resp: 371280

Ion Ratio Lower Upper

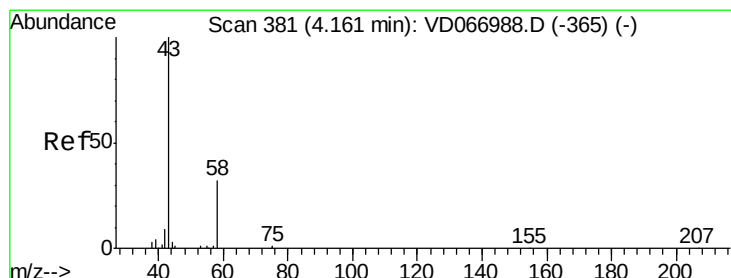
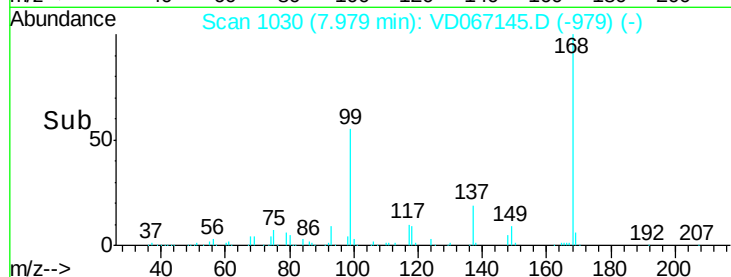
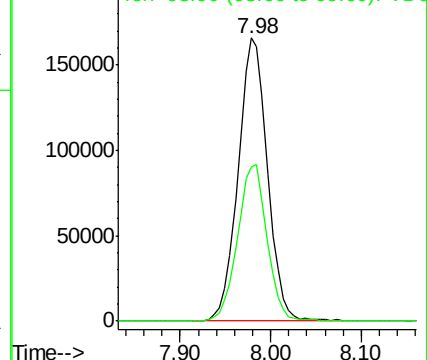
168 100

99 54.5 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: 68.261 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067145.D

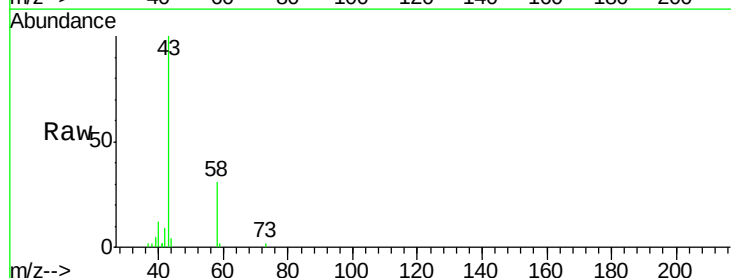
Acq: 07 Oct 2020 11:54

Tgt Ion: 43 Resp: 37264

Ion Ratio Lower Upper

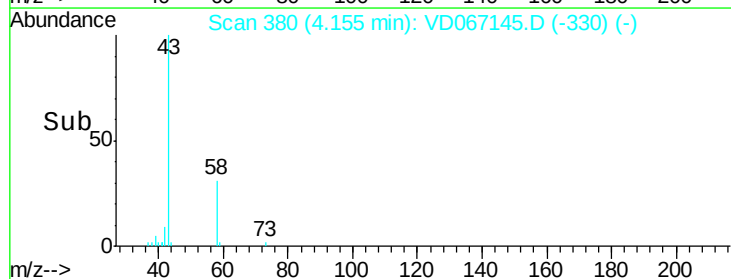
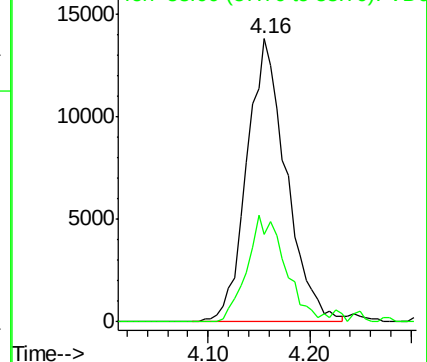
43 100

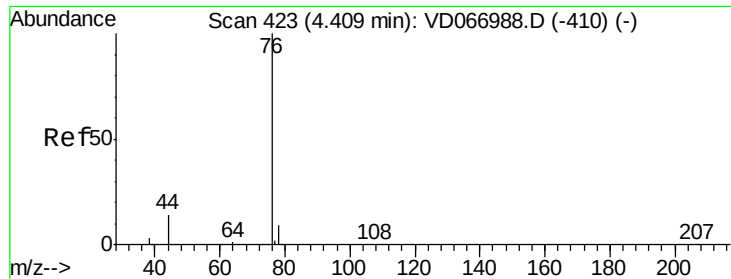
58 31.1 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

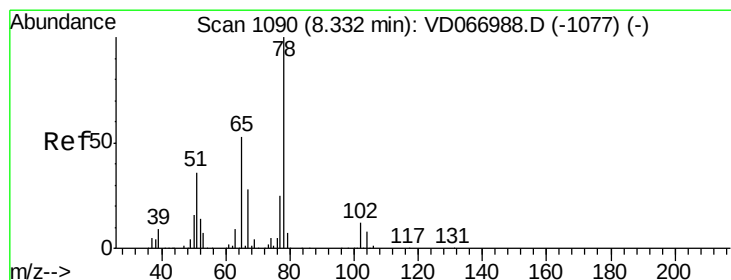
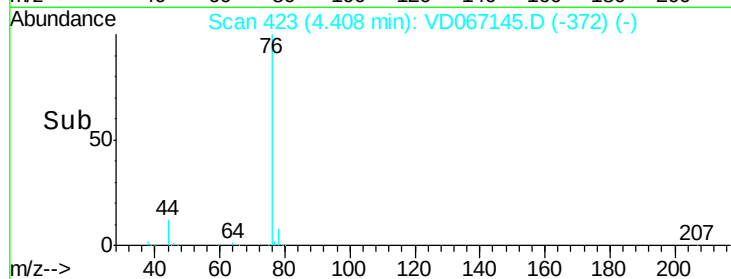
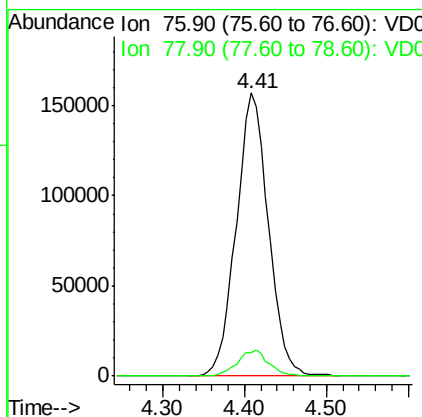
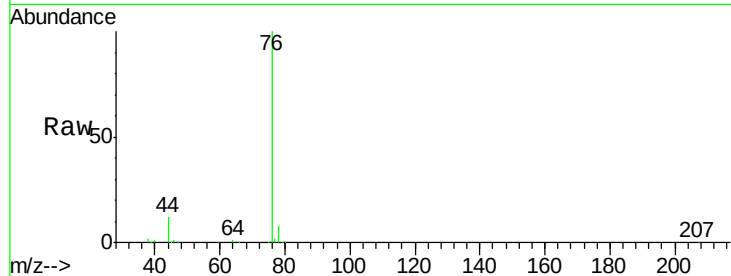




#17
Carbon Disulfide
Concen: 39.970 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD067145.D
Acq: 07 Oct 2020 11:54

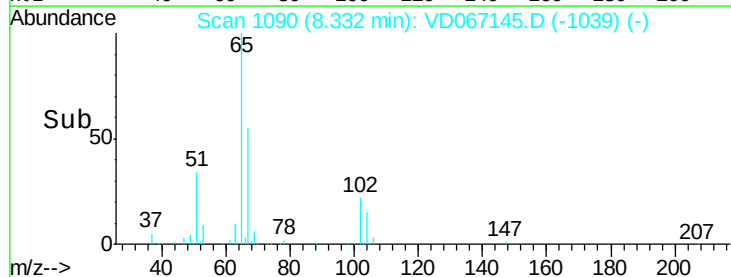
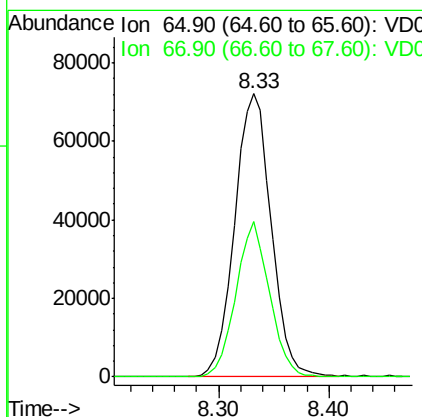
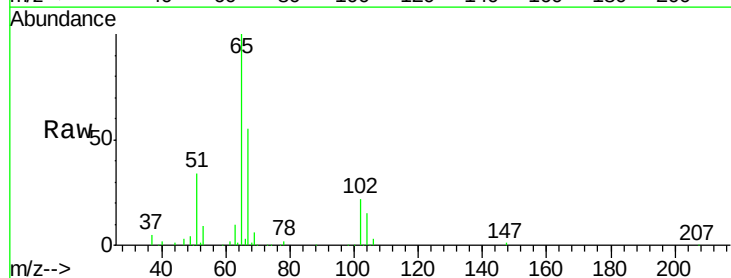
Instrument :
MSVOA_D
ClientSampled :
S-1

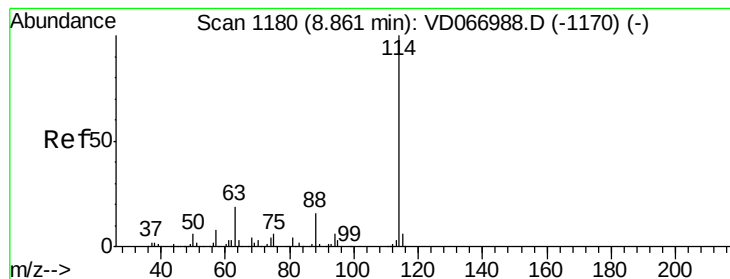
Tot Ion: 76 Resp: 429323
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3



#33
1,2-Dichloroethane-d4
Concen: 46.710 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD067145.D
Acq: 07 Oct 2020 11:54

Tgt Ion: 65 Resp: 167043
Ion Ratio Lower Upper
65 100
67 50.6 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: VD067145.D

Acq: 07 Oct 2020 11:54

Instrument :

MSVOA_D

ClientSampleId :

S-1

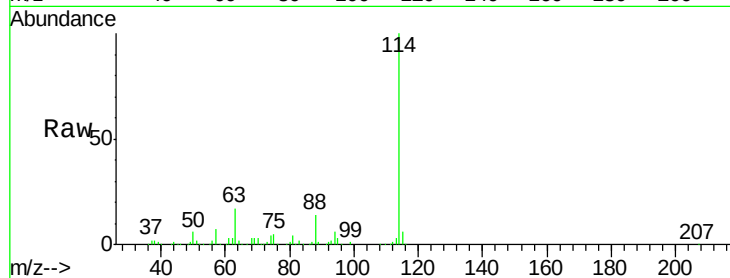
Tot Ion:114 Resp: 584905

Ion Ratio Lower Upper

114 100

63 17.0 0.0 38.4

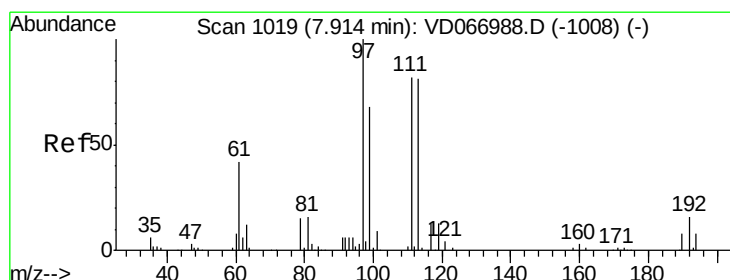
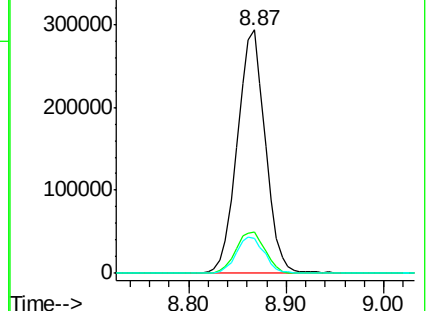
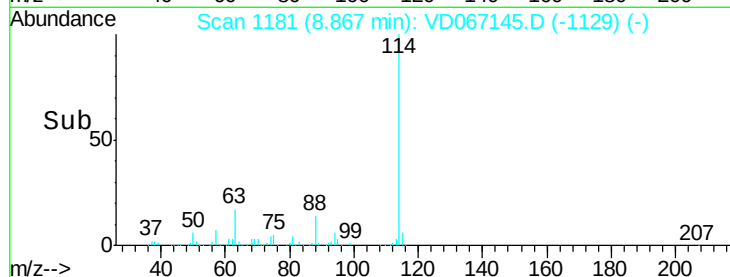
88 14.5 0.0 31.2



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: 47.755 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD067145.D

Acq: 07 Oct 2020 11:54

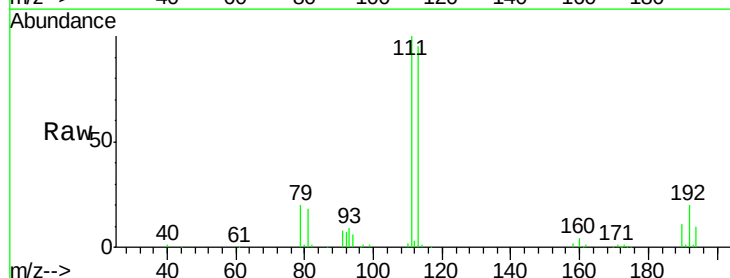
Tgt Ion:113 Resp: 182865

Ion Ratio Lower Upper

113 100

111 104.4 83.0 124.4

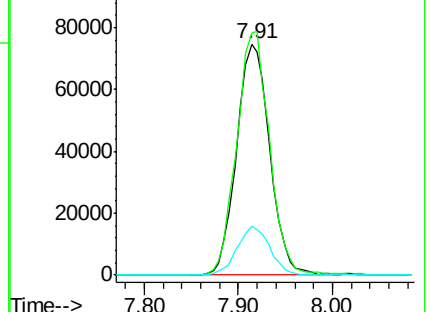
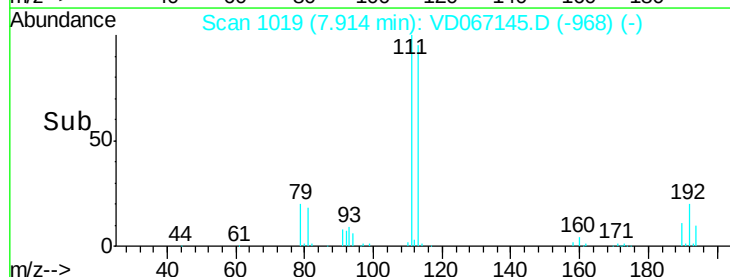
192 20.7 15.5 23.3

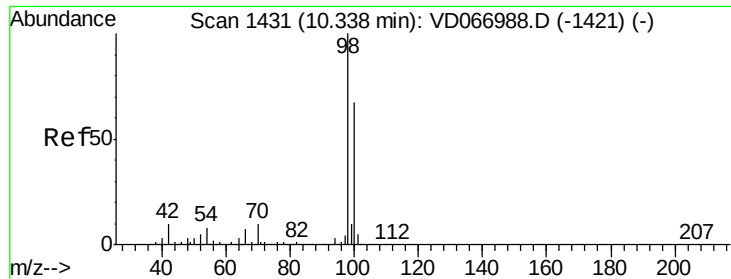


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

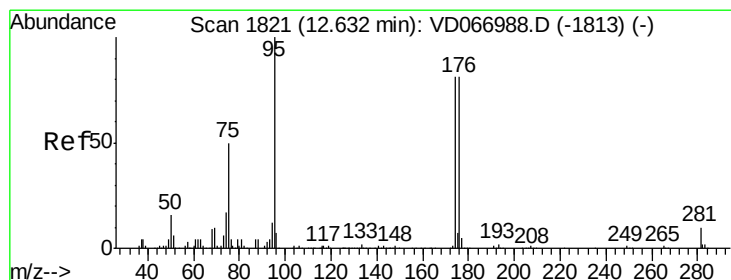
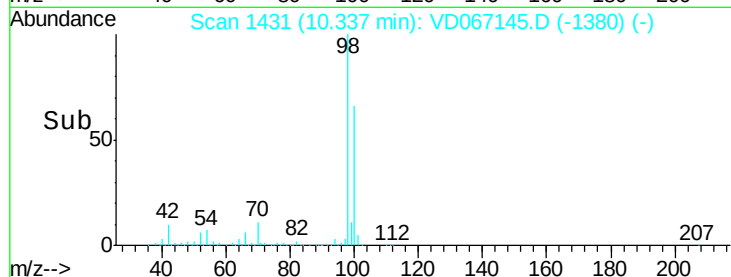
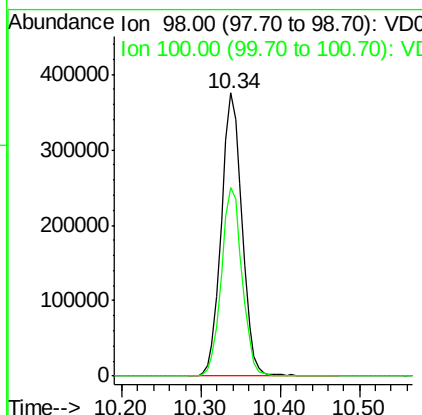
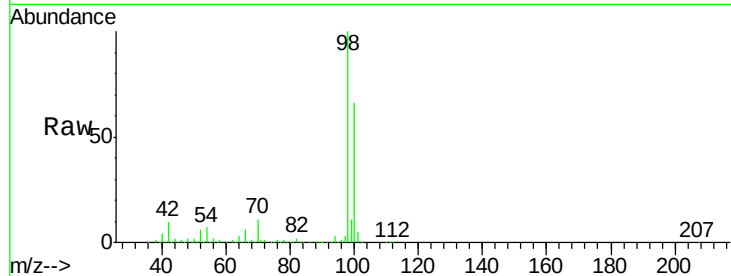




#50
Toluene-d8
Concen: 48.756 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD067145.D
Acq: 07 Oct 2020 11:54

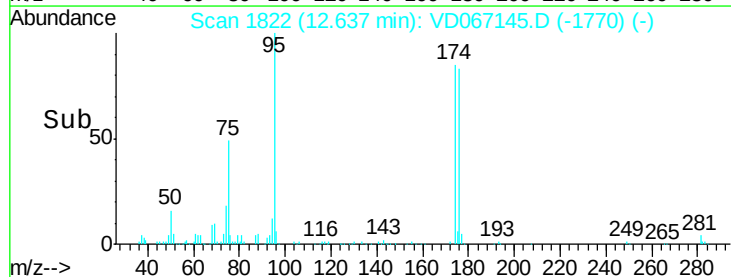
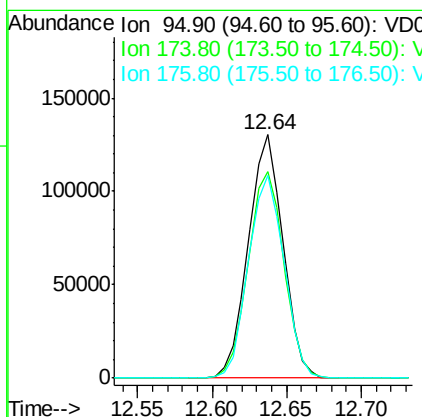
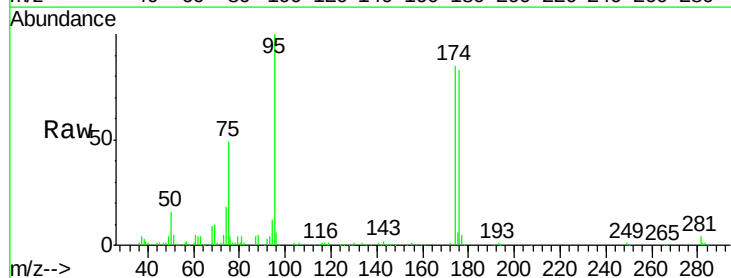
Instrument :
MSVOA_D
ClientSampleId :
S-1

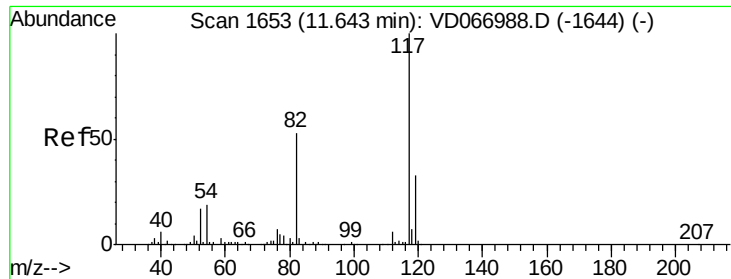
Tot Ion: 98 Resp: 680304
Ion Ratio Lower Upper
98 100
100 66.2 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 44.022 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067145.D
Acq: 07 Oct 2020 11:54

Tgt Ion: 95 Resp: 208524
Ion Ratio Lower Upper
95 100
174 87.8 0.0 167.6
176 85.8 0.0 162.4

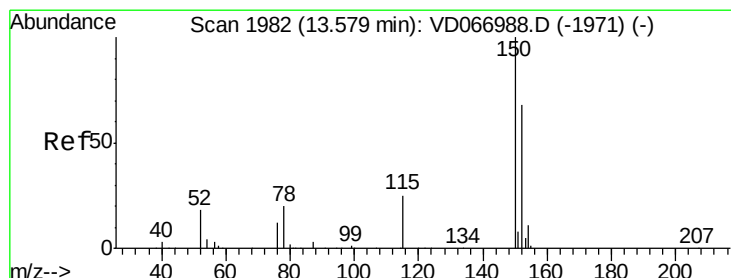
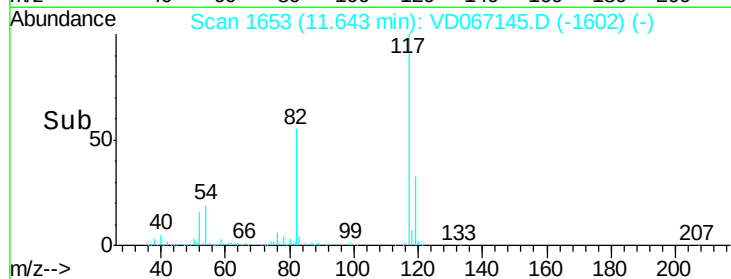
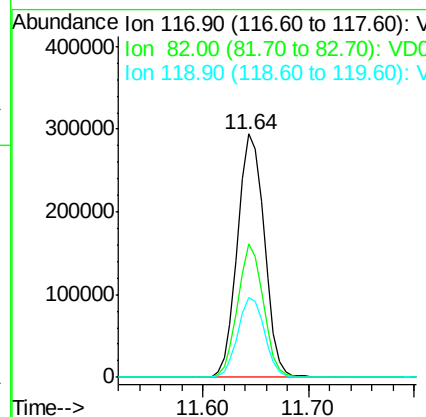
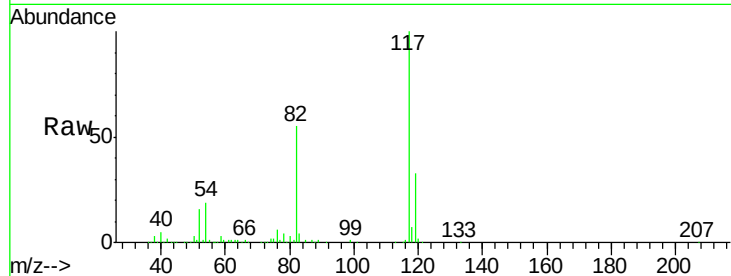




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD067145.D
Acq: 07 Oct 2020 11:54

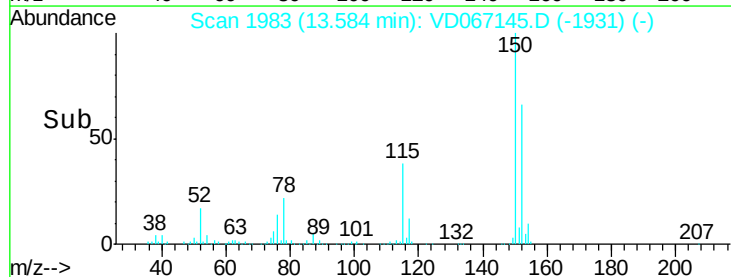
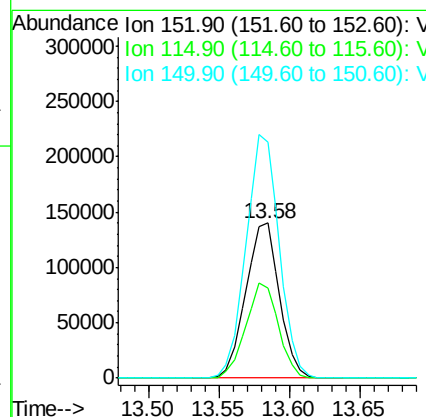
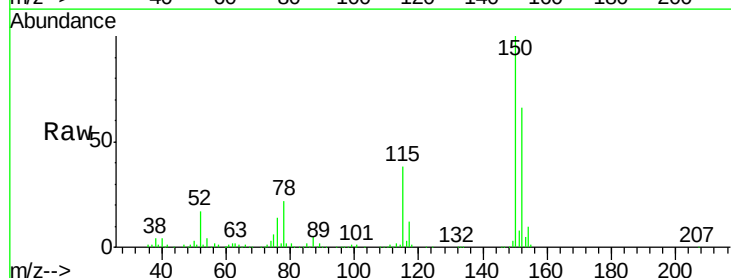
Instrument :
MSVOA_D
ClientSampleId :
S-1

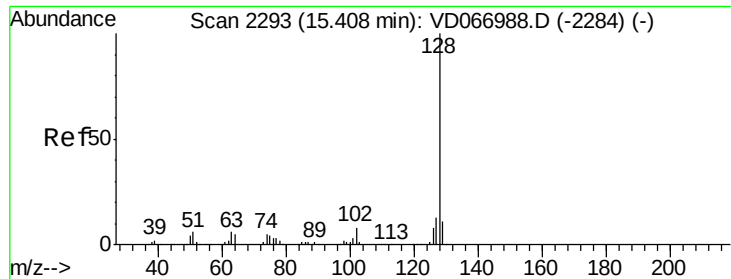
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	42.6	63.8
119	33.0	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067145.D
Acq: 07 Oct 2020 11:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.6	88.8
150	155.3	0.0	344.8

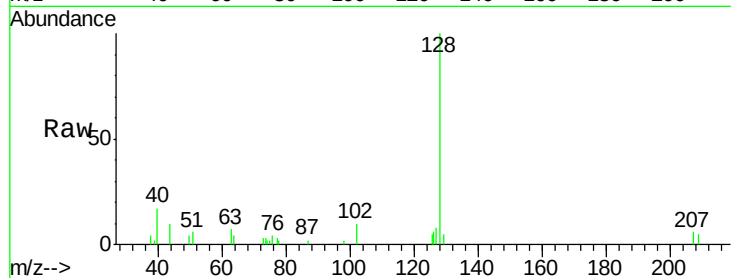




#95
 Naphthalene
 Concen: 2.239 ug/l
 RT: 15.41 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: VD067145.D
 Acq: 07 Oct 2020 11:54

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	9.9	8.6	13.0



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

