

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067064.D
 Acq On : 03 Oct 2020 05:39
 Operator : VA/SY
 Sample : L4247-10
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-20(12-14)

Quant Time: Oct 03 07:20:06 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

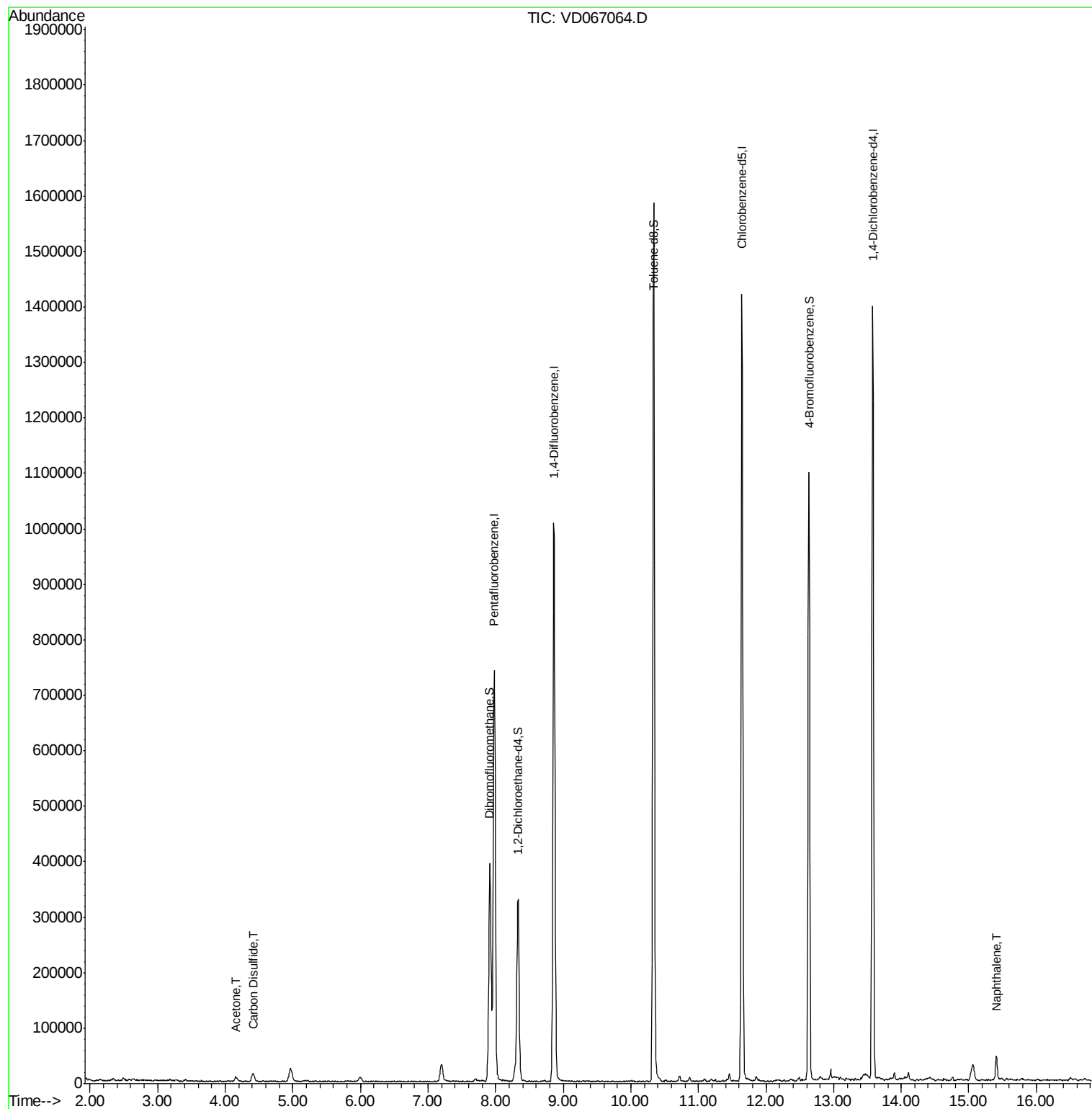
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	564613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	924741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	850835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	385685	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	262198	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
35) Dibromofluoromethane	7.91	113	292107	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
50) Toluene-d8	10.34	98	1086256	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	12.63	95	363111	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
Target Compounds						
16) Acetone	4.16	43	13618	16.404	ug/l #	75
17) Carbon Disulfide	4.41	76	33181	2.031	ug/l	97
95) Naphthalene	15.41	128	40801	3.516	ug/l	99

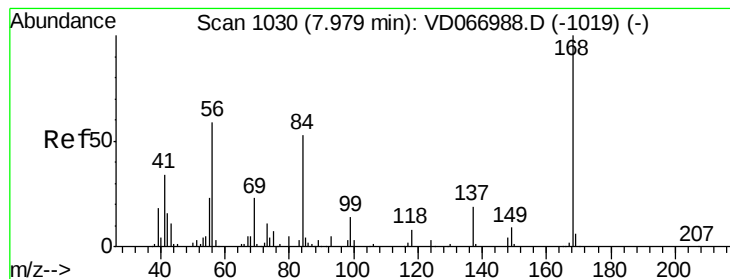
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD067064.D

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Instrument :

MSVOA_D

ClientSampleId :

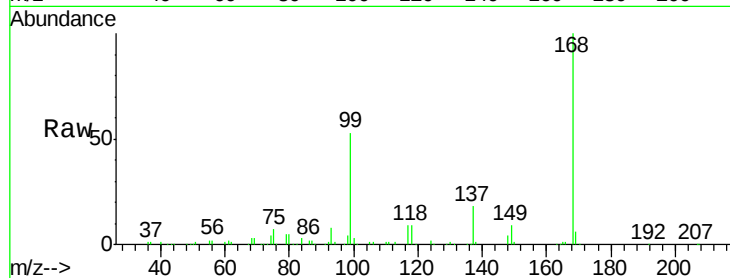
B-20(12-14)

Tot Ion:168 Resp: 564613

Ion Ratio Lower Upper

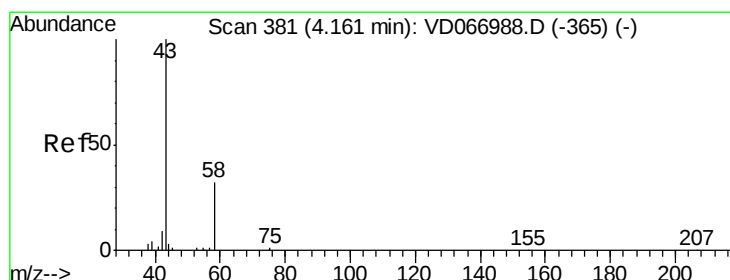
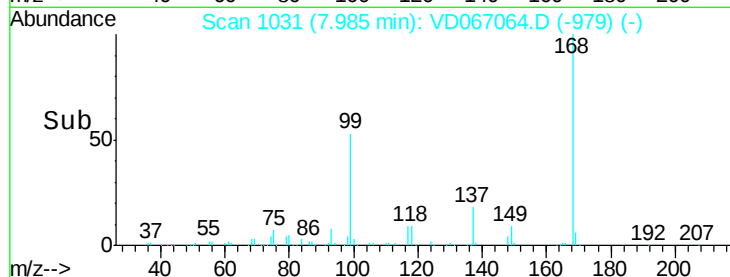
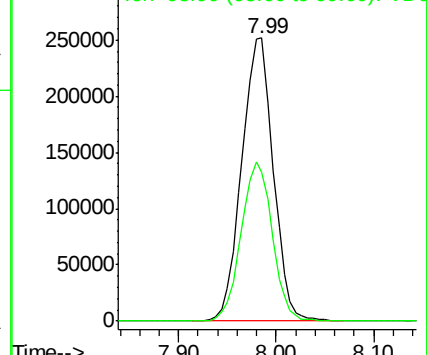
168 100

99 52.8 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: 16.404 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067064.D

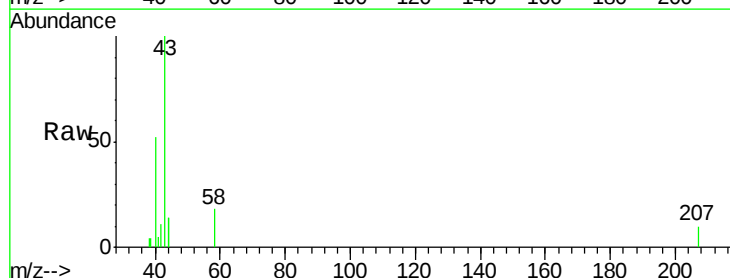
Acq: 03 Oct 2020 05:39

Tgt Ion: 43 Resp: 13618

Ion Ratio Lower Upper

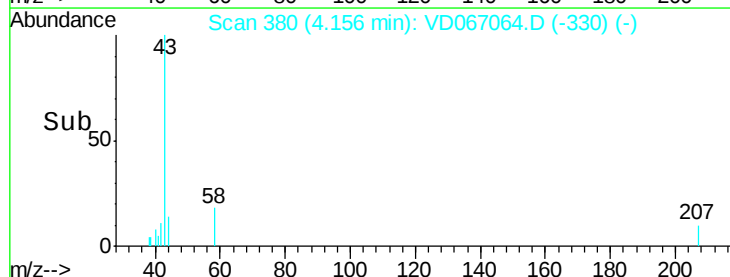
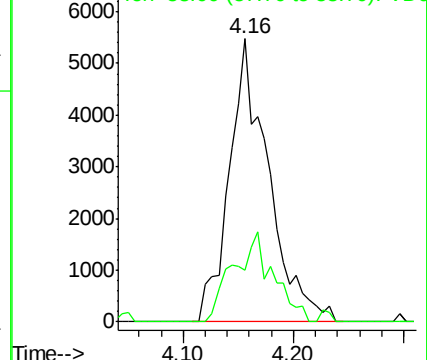
43 100

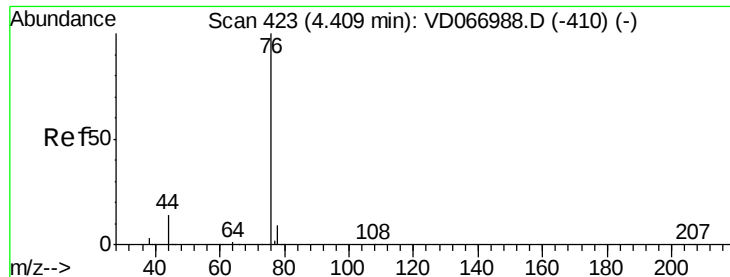
58 18.5 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

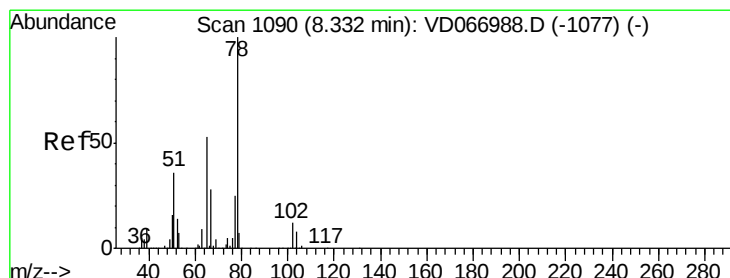
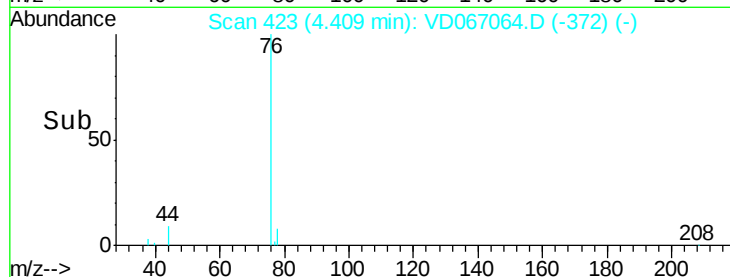
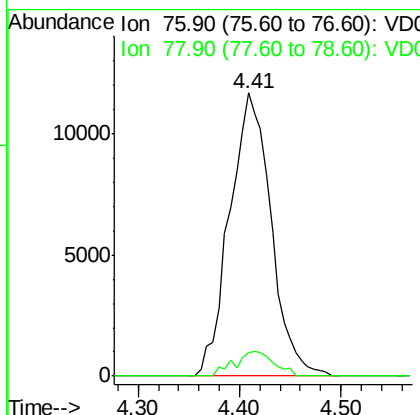
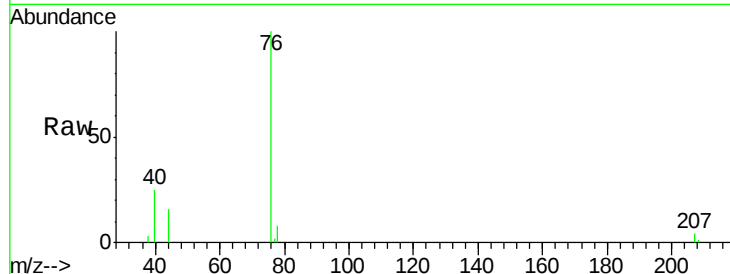




#17
Carbon Disulfide
Concen: 2.031 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067064.D
Acq: 03 Oct 2020 05:39

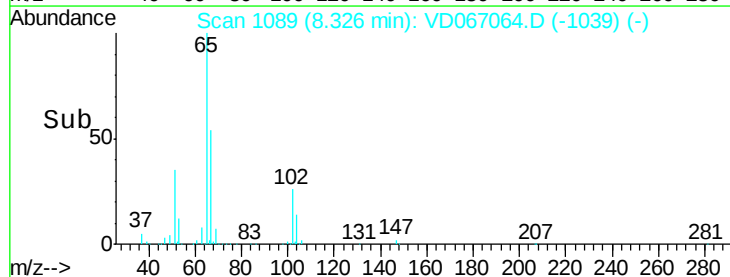
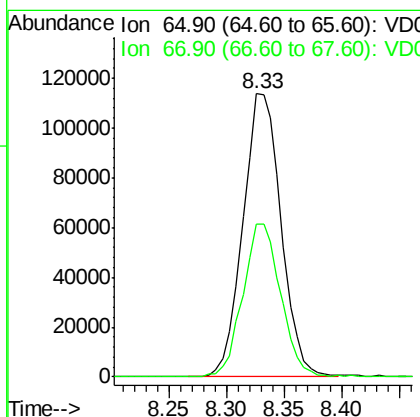
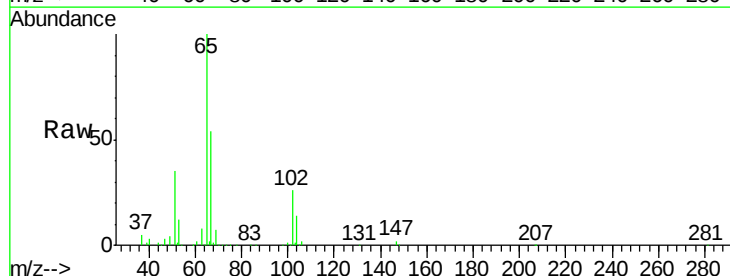
Instrument :
MSVOA_D
ClientSampleId :
B-20(12-14)

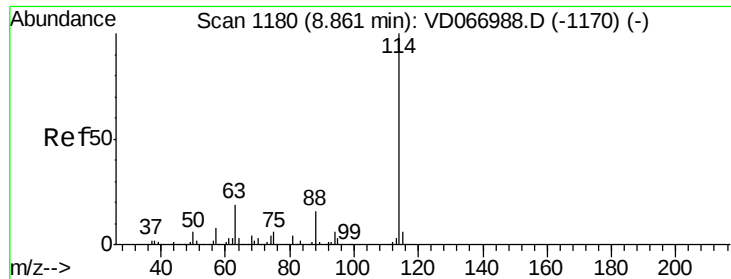
Tot Ion: 76 Resp: 33181
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3



#33
1,2-Dichloroethane-d4
Concen: 48.213 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD067064.D
Acq: 03 Oct 2020 05:39

Tgt Ion: 65 Resp: 262198
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.8

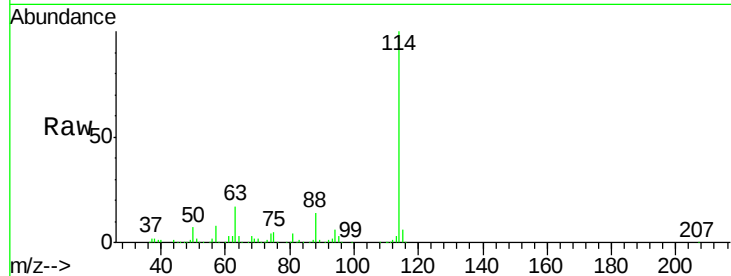




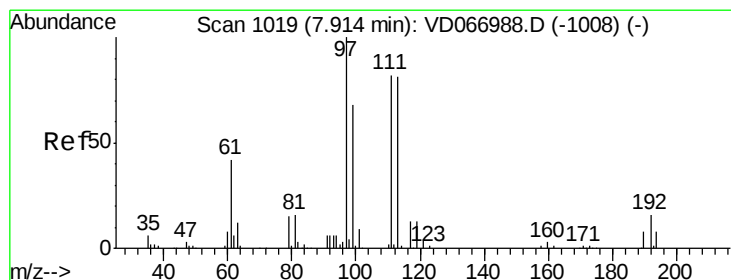
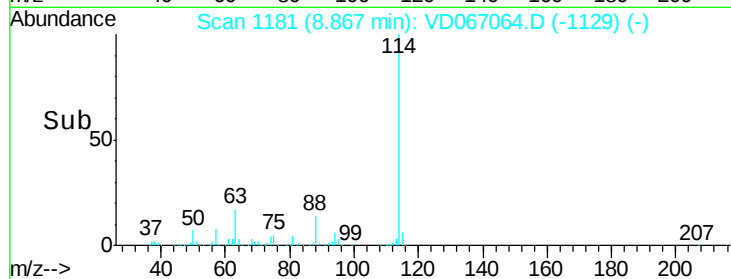
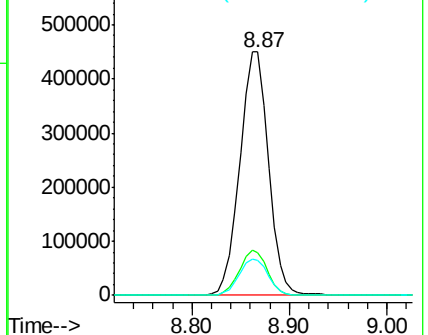
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067064.D
 Acq: 03 Oct 2020 05:39

Instrument :
 MSVOA_D
 ClientSampleId :
 B-20(12-14)

Tot Ion:114 Resp: 924741
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 38.4
 88 14.2 0.0 31.2

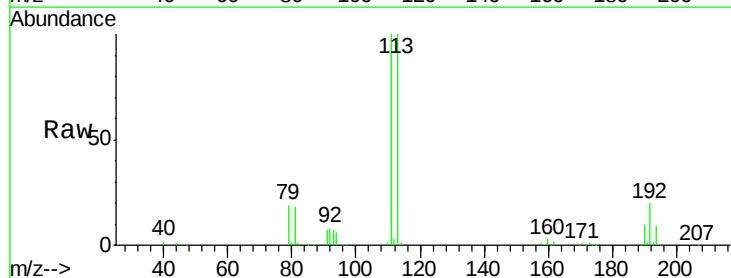


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

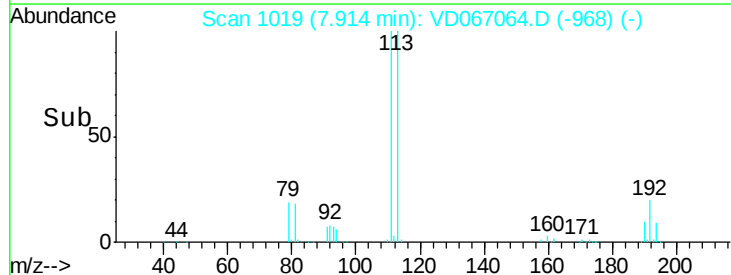
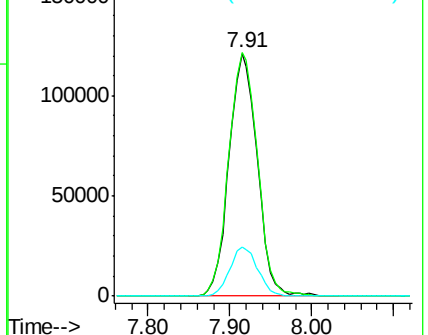


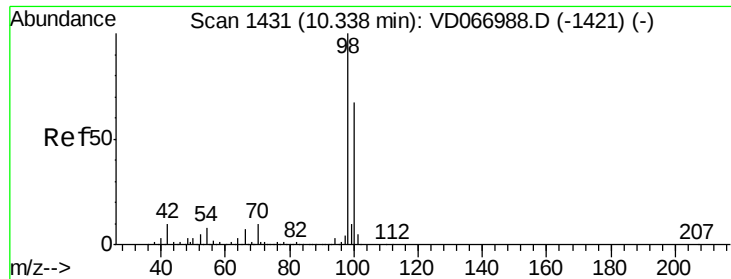
#35
 Dibromofluoromethane
 Concen: 48.249 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067064.D
 Acq: 03 Oct 2020 05:39

Tgt Ion:113 Resp: 292107
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.0 124.4
 192 19.8 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

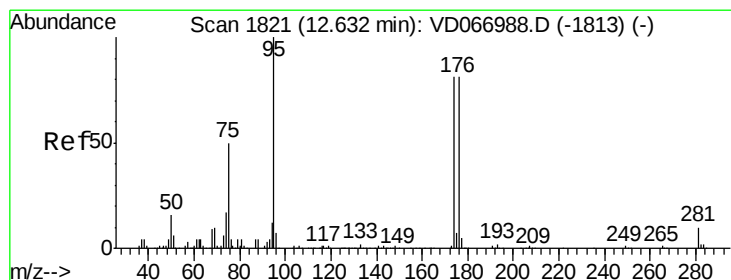
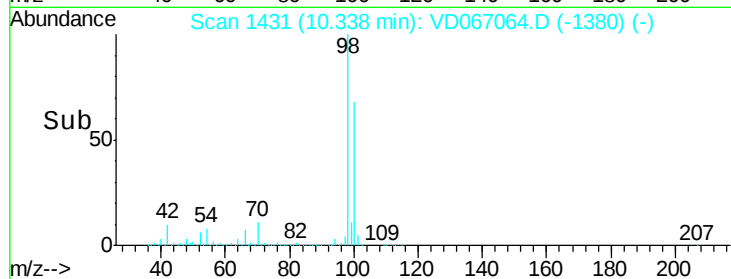
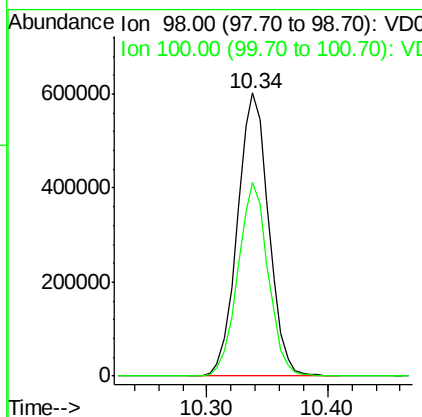
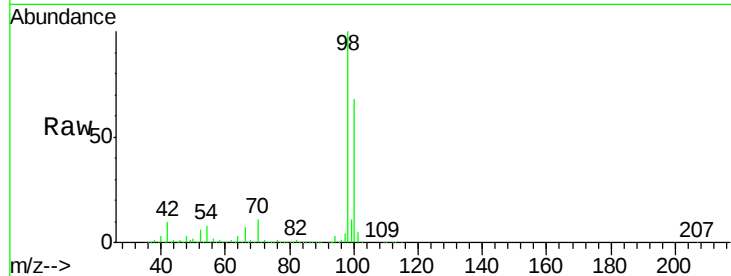




#50
Toluene-d8
Concen: 49.240 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067064.D
Acq: 03 Oct 2020 05:39

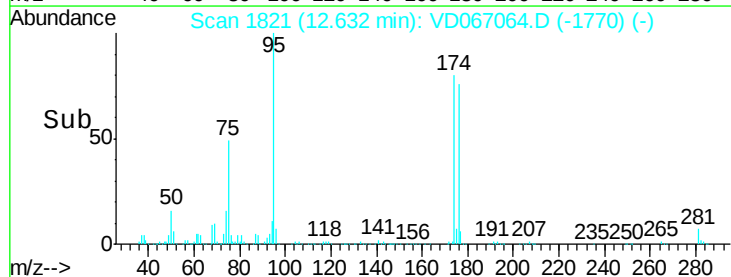
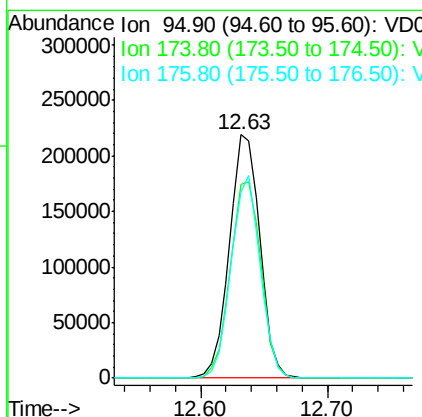
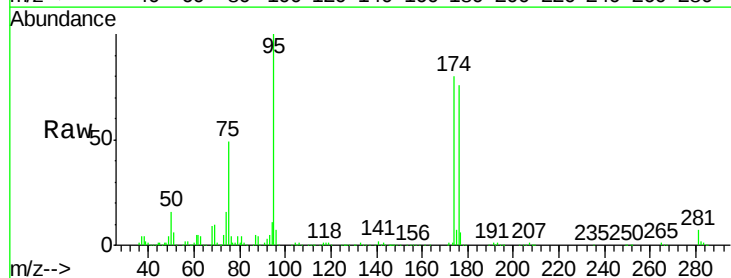
Instrument :
MSVOA_D
ClientSampleId :
B-20(12-14)

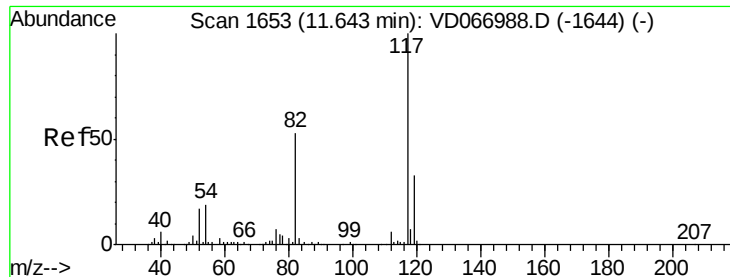
Tot Ion: 98 Resp: 1086256
Ion Ratio Lower Upper
98 100
100 66.6 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 48.486 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067064.D
Acq: 03 Oct 2020 05:39

Tgt Ion: 95 Resp: 363111
Ion Ratio Lower Upper
95 100
174 81.9 0.0 167.6
176 79.2 0.0 162.4

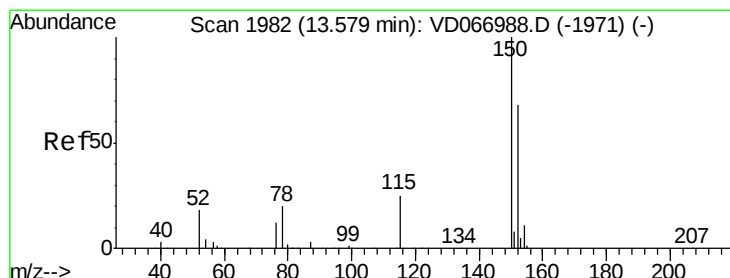
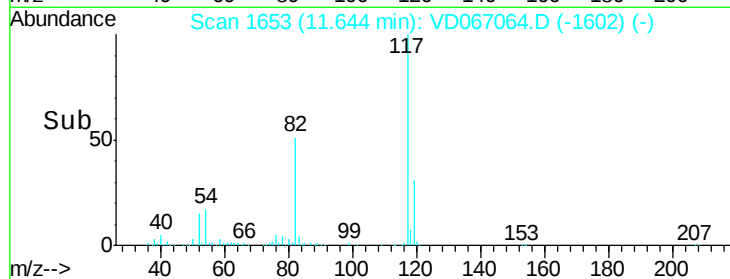
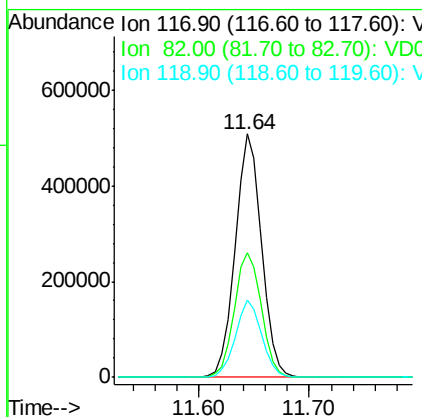
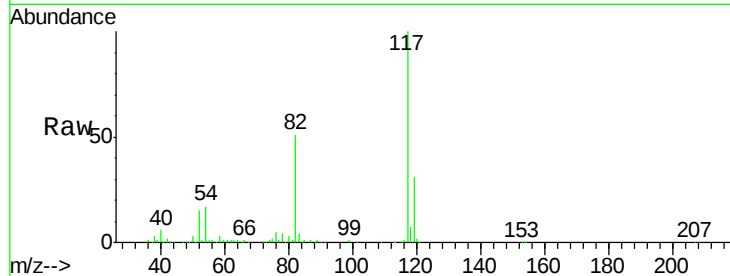




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067064.D
Acq: 03 Oct 2020 05:39

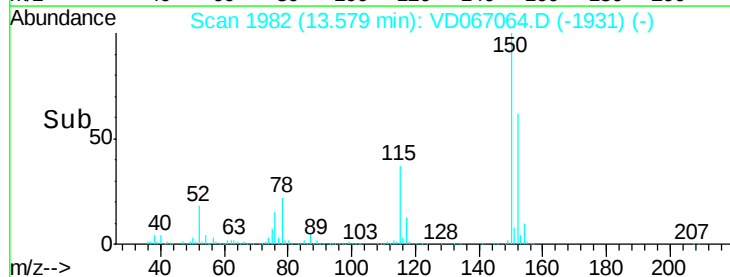
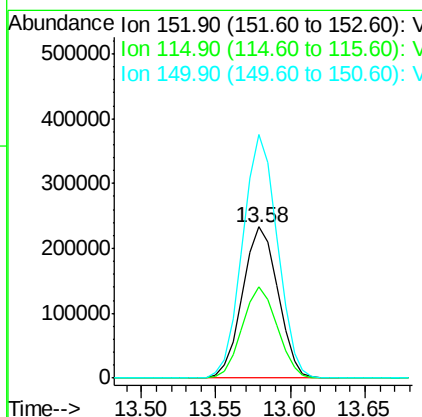
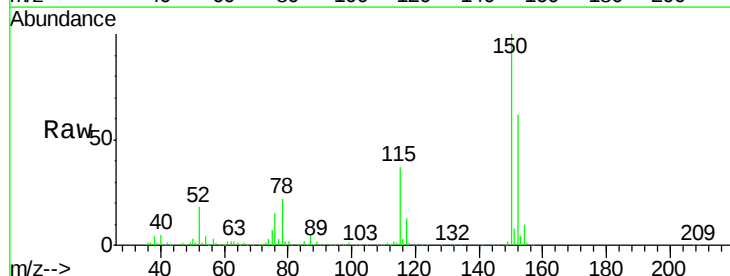
Instrument :
MSVOA_D
ClientSampleId :
B-20(12-14)

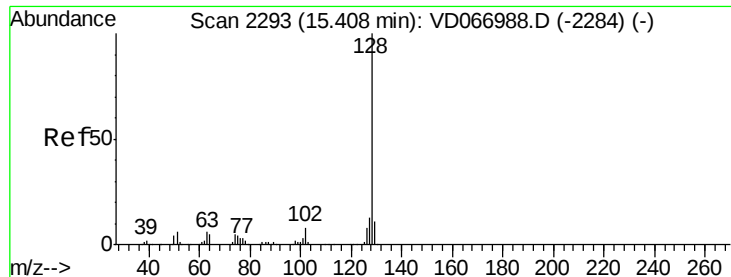
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	42.6	63.8
119	31.5	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067064.D
Acq: 03 Oct 2020 05:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.6	88.8
150	157.4	0.0	344.8





#95

Naphthalene

Concen: 3.516 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD067064.D

Acq: 03 Oct 2020 05:39

Instrument :

MSVOA_D

ClientSampleId :

B-20(12-14)

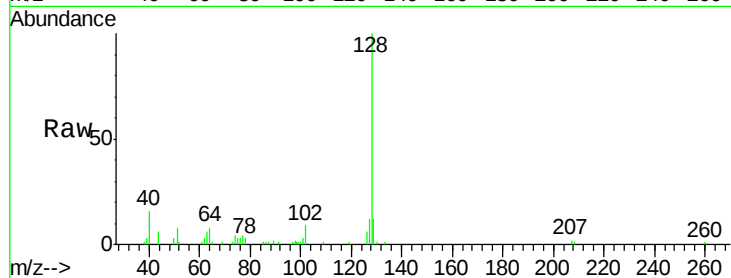
Tot Ion:128 Resp: 40801

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

129 10.7 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

