

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067058.D
 Acq On : 03 Oct 2020 02:54
 Operator : VA/SY
 Sample : L4247-04
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-18(5-7)

Quant Time: Oct 03 07:08:00 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	592182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	957534	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	894930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	411894	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	270105	47.35	ug/l	0.00
Spiked Amount						
			Recovery	=	94.70%	
35) Dibromofluoromethane	7.91	113	299012	47.70	ug/l	0.00
Spiked Amount						
			Recovery	=	95.40%	
50) Toluene-d8	10.34	98	1147224	50.22	ug/l	0.00
Spiked Amount						
			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.63	95	402649	51.92	ug/l	0.00
Spiked Amount						
			Recovery	=	103.84%	

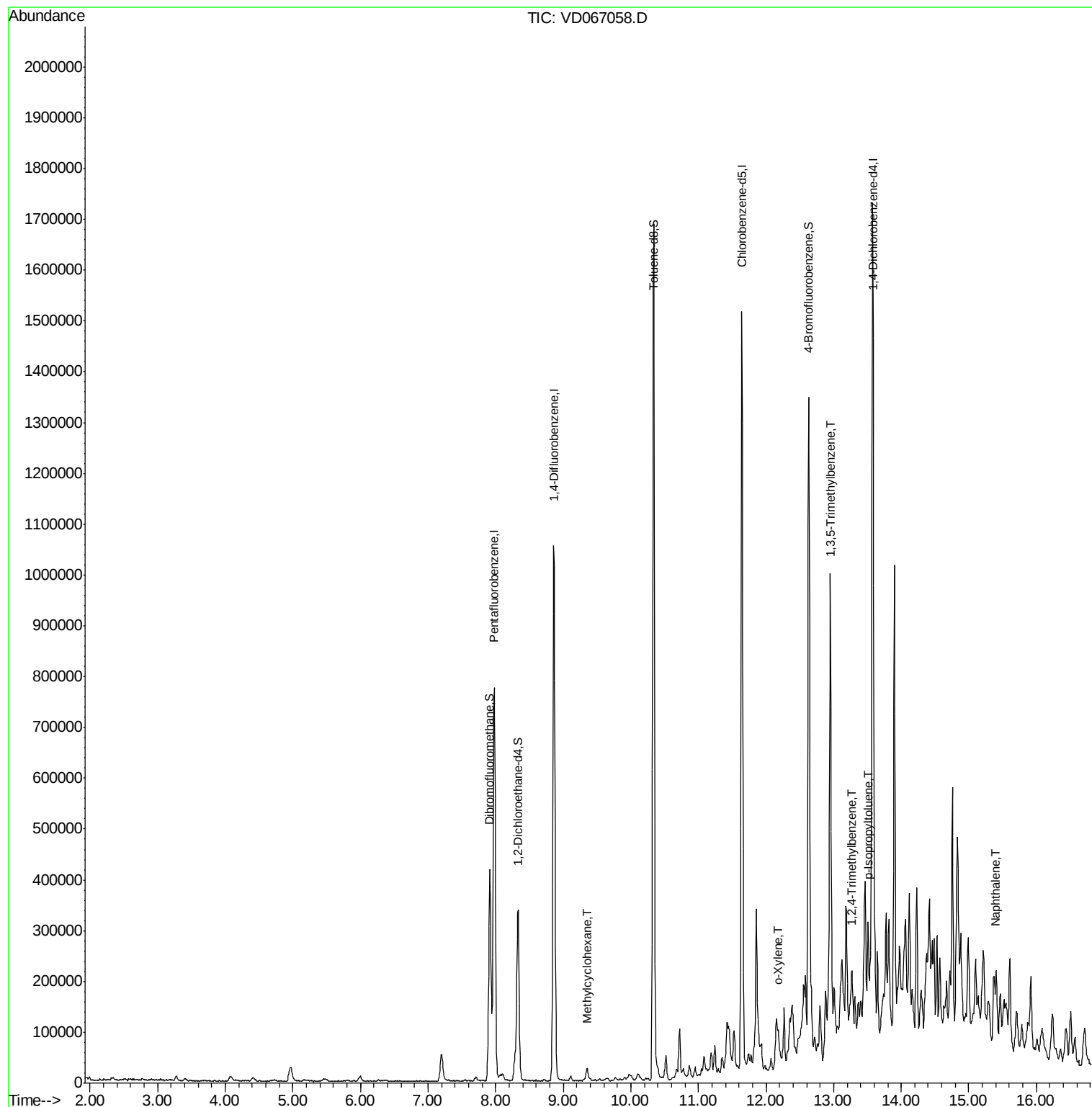
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.36	83	10002	1.060	ug/l	97
69) o-Xylene	12.18	106	11435	1.076	ug/l	94
80) 1,3,5-Trimethylbenzene	12.96	105	101748	4.306	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	67257	2.852	ug/l	97
86) p-Isopropyltoluene	13.52	119	30978	1.192	ug/l	98
95) Naphthalene	15.41	128	113585	9.164	ug/l	97

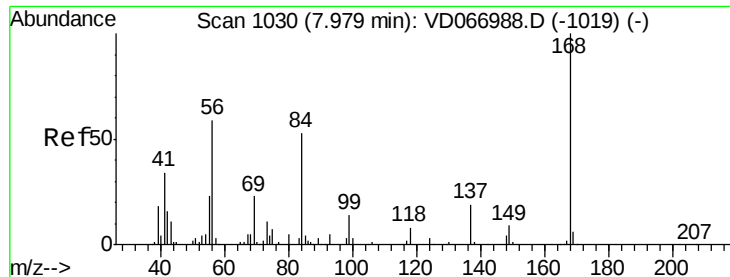
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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B-18(5-7)

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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: VD067058.D

Acq: 03 Oct 2020 02:54

Instrument :

MSVOA_D

ClientSampleId :

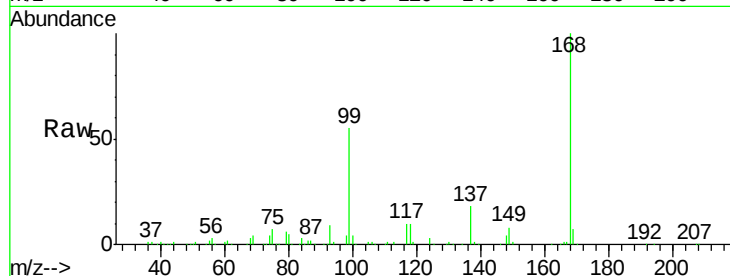
B-18(5-7)

Tot Ion:168 Resp: 592182

Ion Ratio Lower Upper

168 100

99 55.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

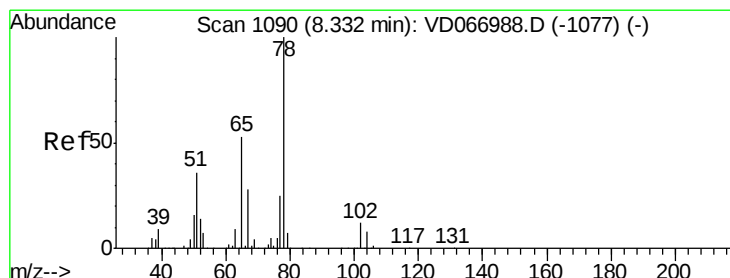
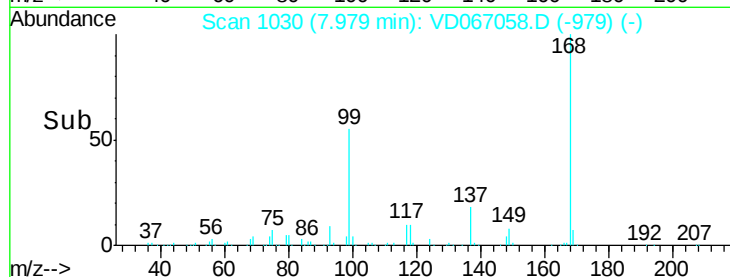
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.355 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD067058.D

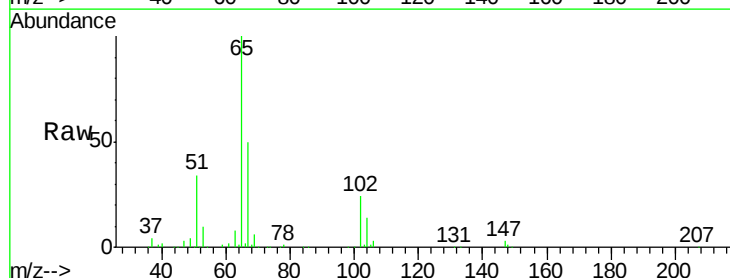
Acq: 03 Oct 2020 02:54

Tgt Ion: 65 Resp: 270105

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

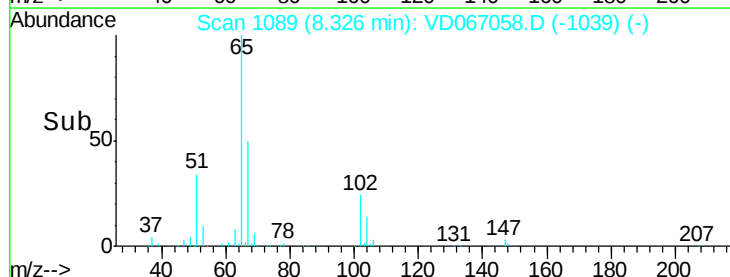
8.33

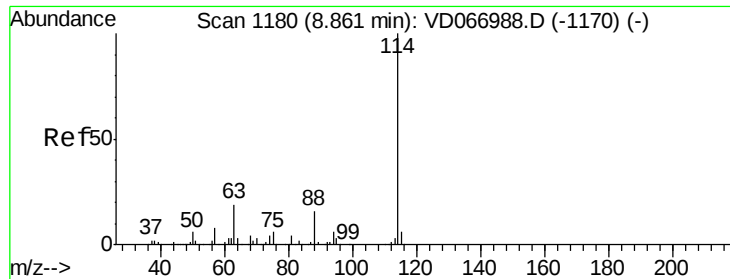
100000

50000

0

Time-->

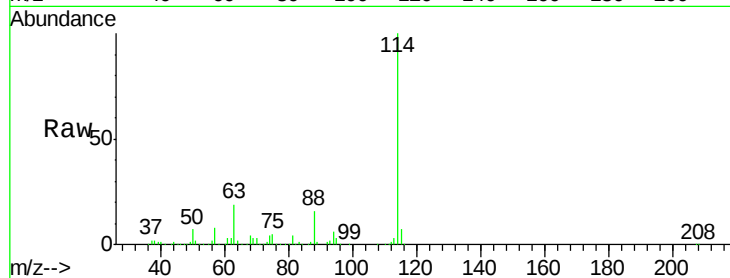




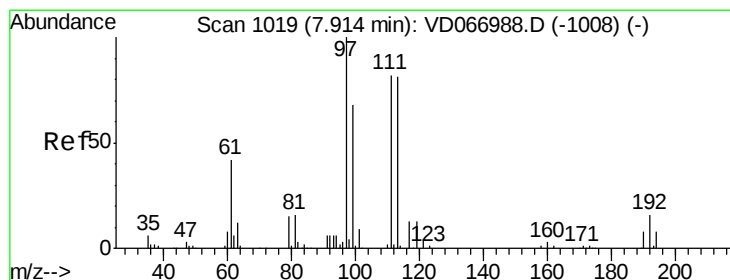
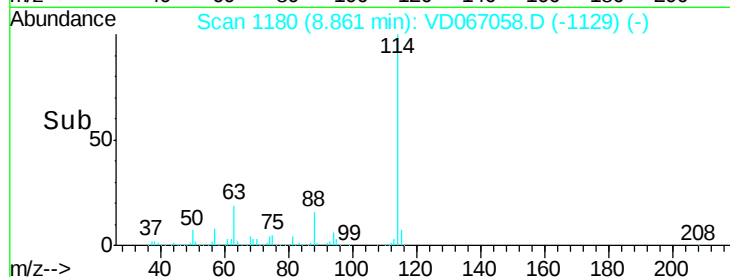
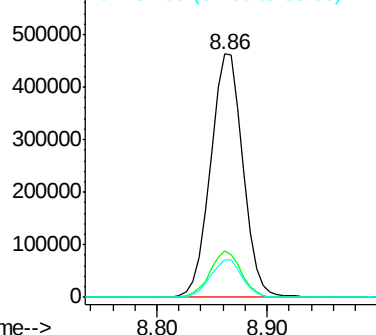
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067058.D
 Acq: 03 Oct 2020 02:54

Instrument :
 MSVOA_D
 ClientSampleId :
 B-18(5-7)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.4
88	15.6	0.0	31.2

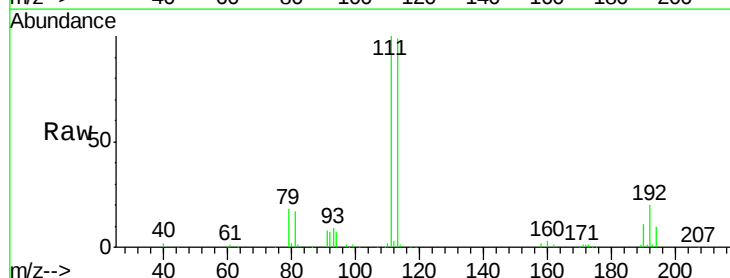


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

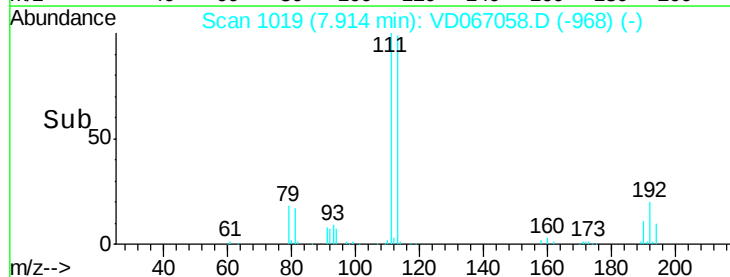
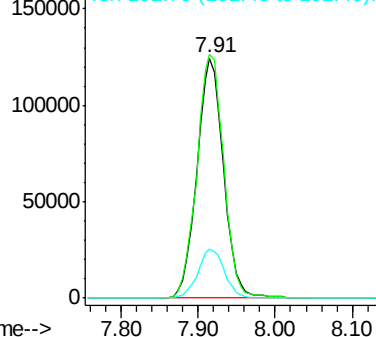


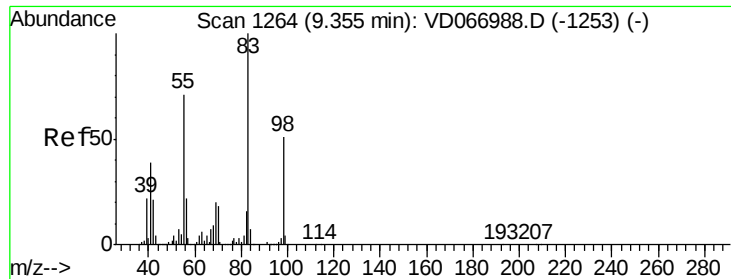
#35
 Dibromofluoromethane
 Concen: 47.699 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067058.D
 Acq: 03 Oct 2020 02:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.0	124.4
192	20.4	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

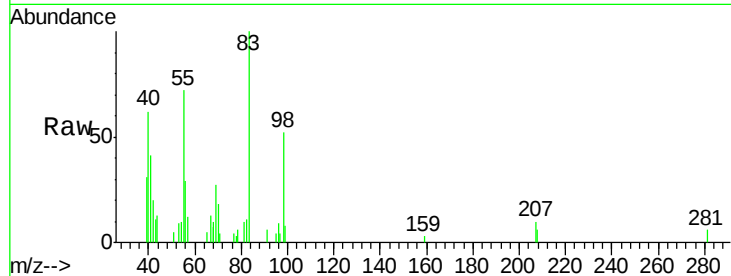




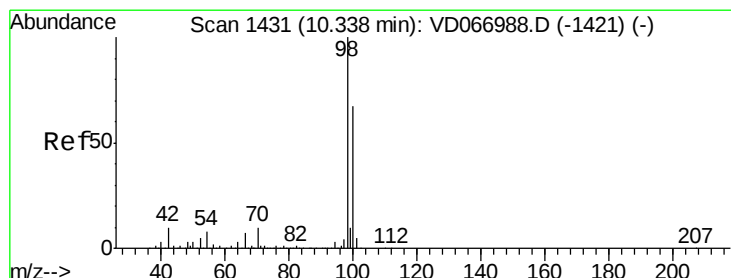
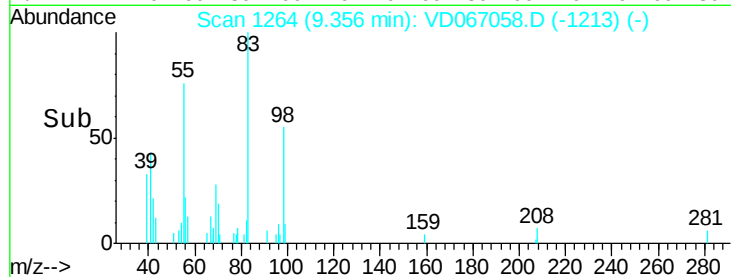
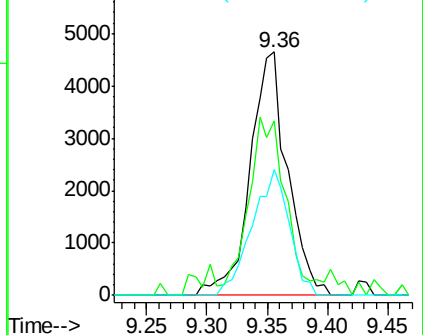
#39
Methylcyclohexane
Concen: 1.060 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Instrument :
MSVOA_D
ClientSampleId :
B-18(5-7)

Tot Ion: 83 Resp: 10002
Ion Ratio Lower Upper
83 100
55 67.4 57.1 85.7
98 51.8 40.9 61.3

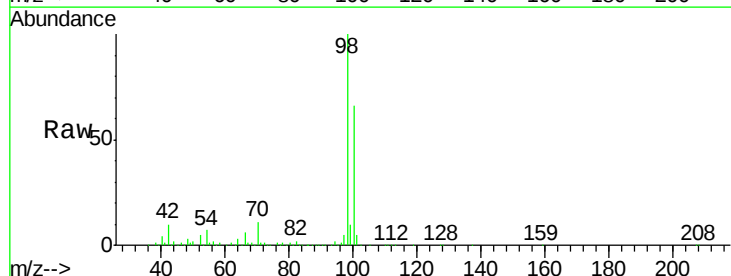


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

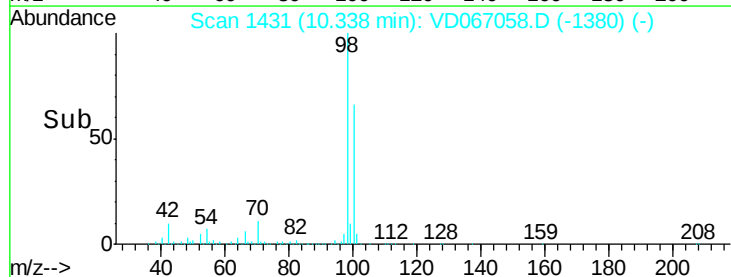
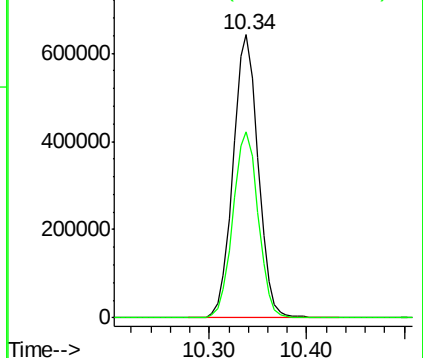


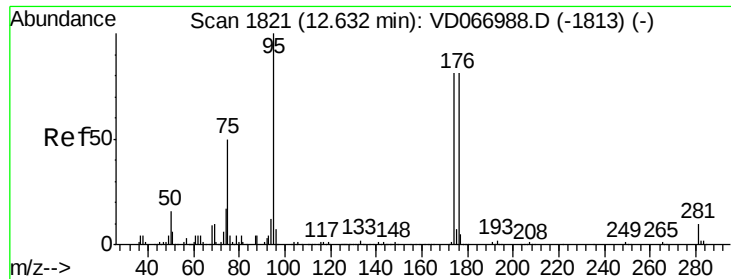
#50
Toluene-d8
Concen: 50.223 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Tgt Ion: 98 Resp: 1147224
Ion Ratio Lower Upper
98 100
100 66.4 52.8 79.2



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

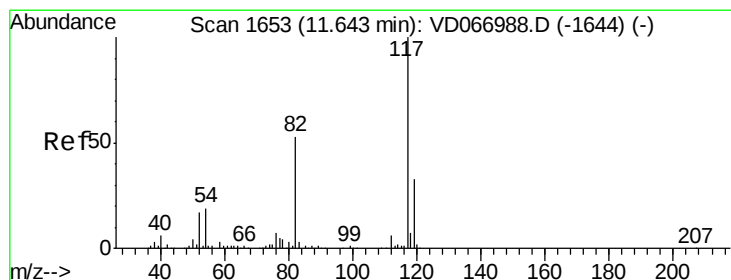
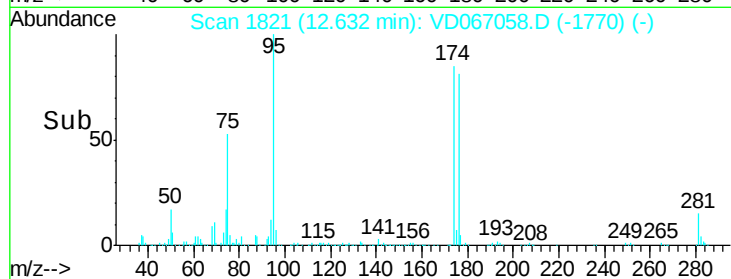
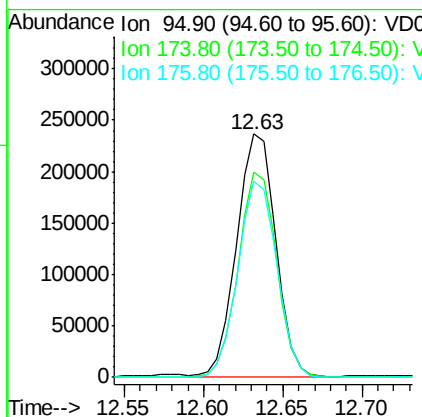
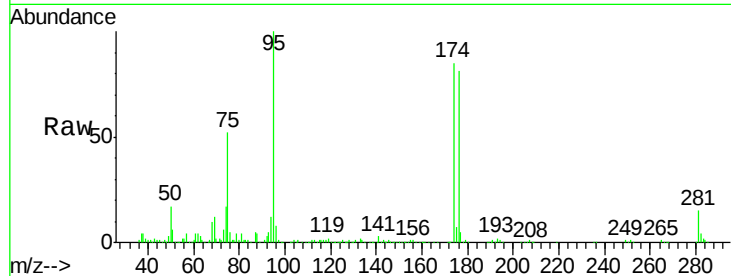




#62
4-Bromofluorobenzene
Concen: 51.924 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

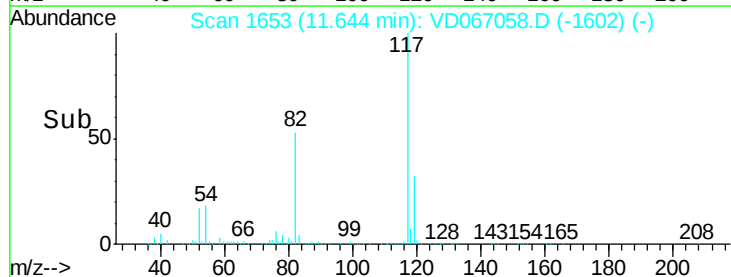
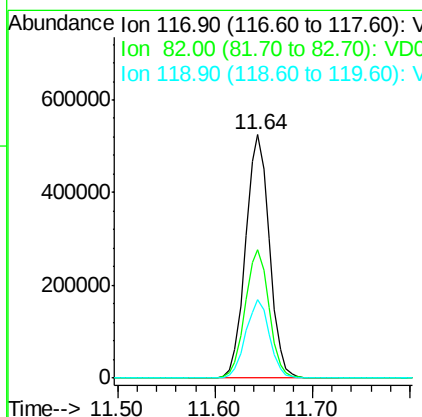
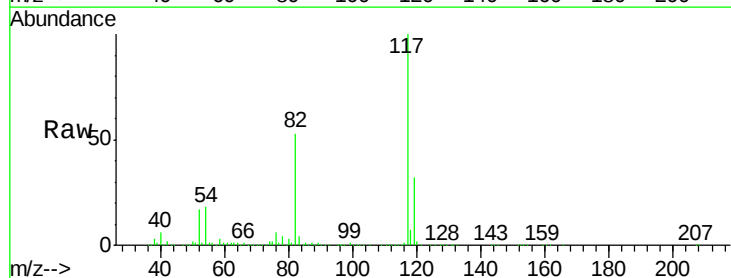
Instrument :
MSVOA_D
ClientSampleId :
B-18(5-7)

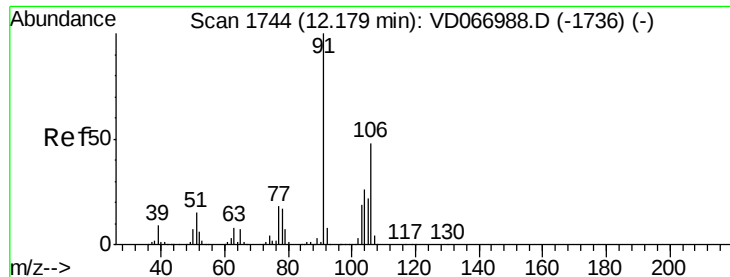
Tot Ion: 95 Resp: 402649
Ion Ratio Lower Upper
95 100
174 84.2 0.0 167.6
176 81.3 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Tgt Ion: 117 Resp: 894930
Ion Ratio Lower Upper
117 100
82 52.5 42.6 63.8
119 32.0 26.3 39.5

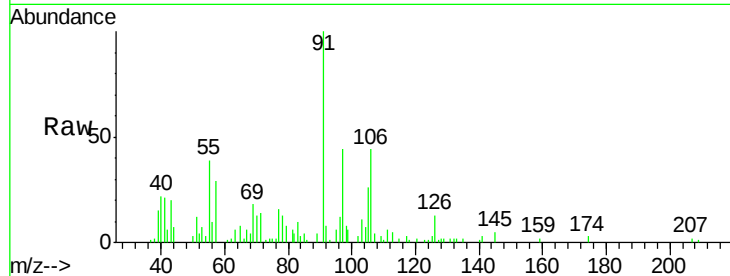




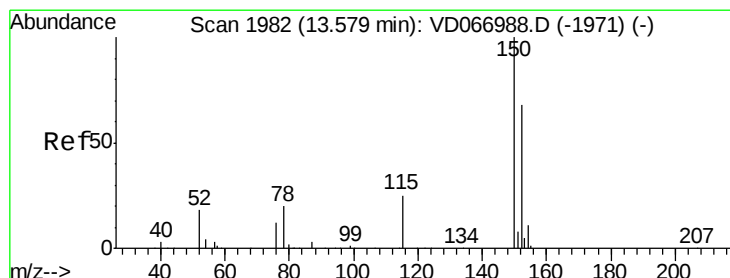
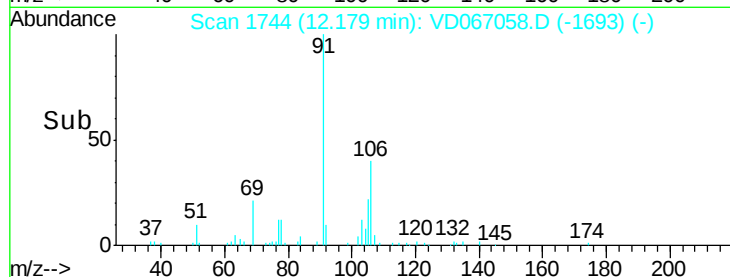
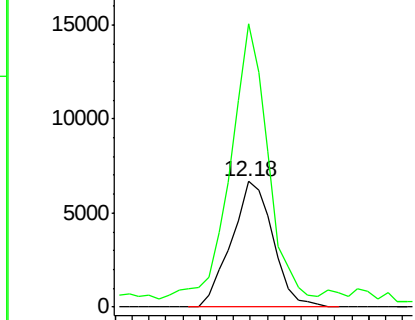
#69
o-Xylene
Concen: 1.076 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Instrument :
MSVOA_D
ClientSampleId :
B-18(5-7)

Tot Ion:106 Resp: 11435
Ion Ratio Lower Upper
106 100
91 196.2 102.4 307.2

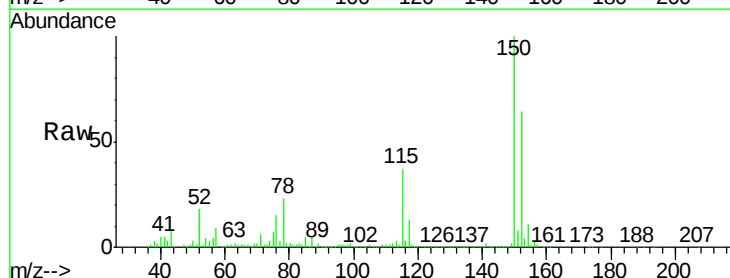


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

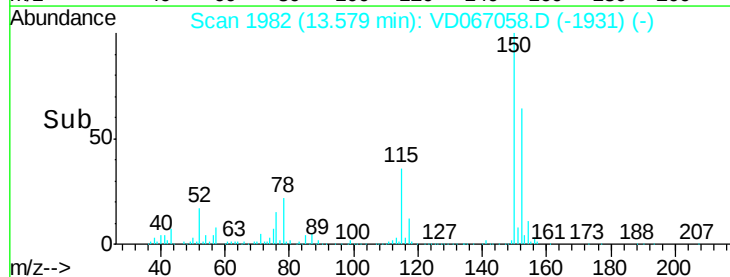
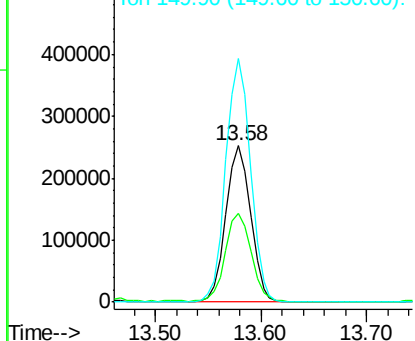


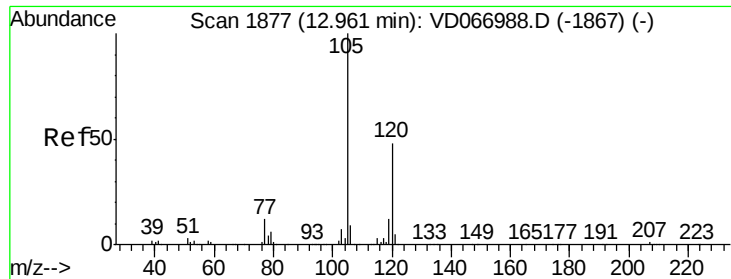
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Tgt Ion:152 Resp: 411894
Ion Ratio Lower Upper
152 100
115 59.6 29.6 88.8
150 154.4 0.0 344.8



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

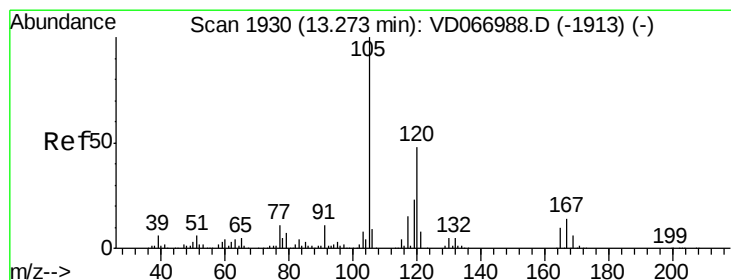
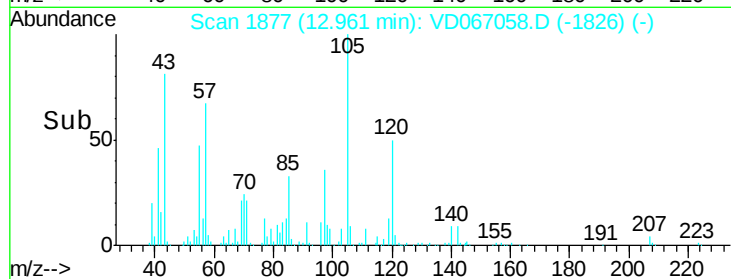
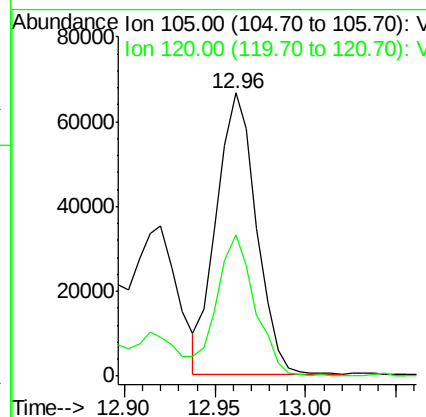
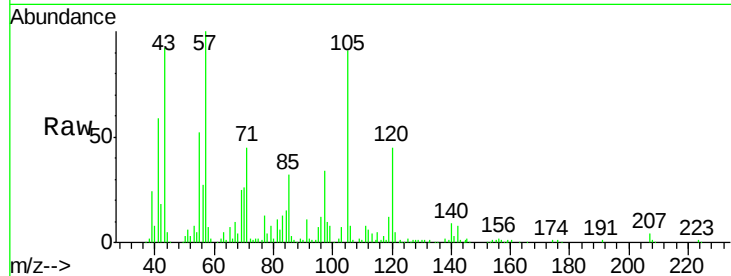




#80
 1,3,5-Trimethylbenzene
 Concen: 4.306 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD067058.D
 Acq: 03 Oct 2020 02:54

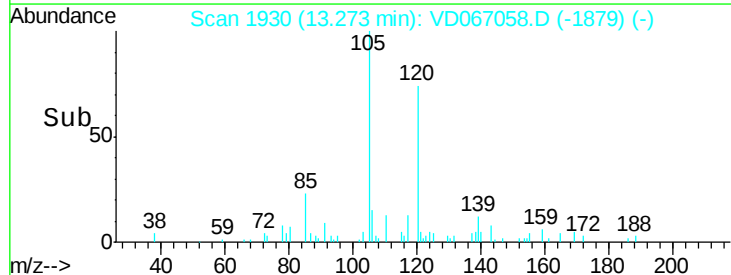
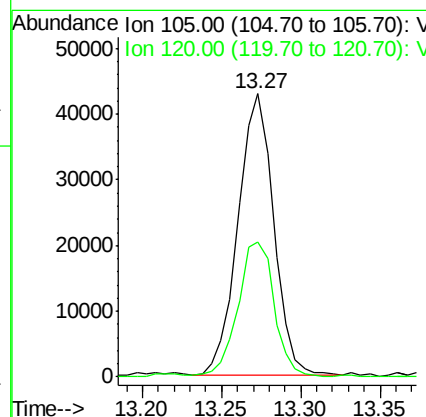
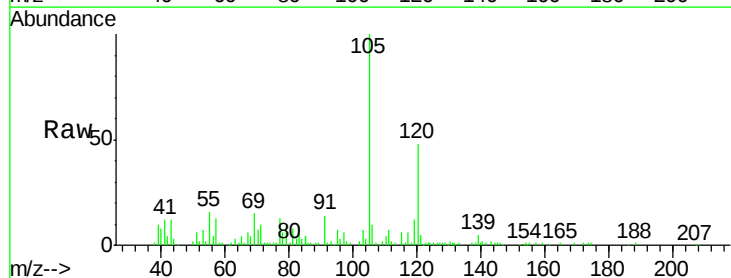
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 MSVOA_D
 ClientSampleId :
 B-18(5-7)

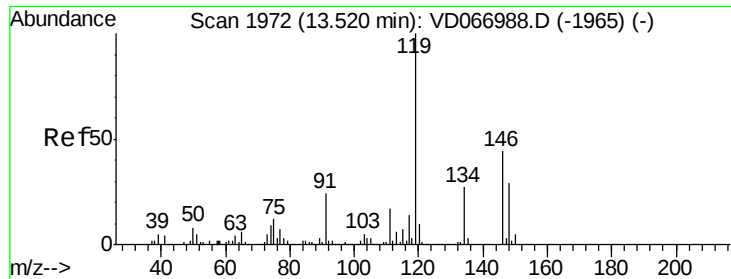
Tot Ion:105 Resp: 101748
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.6 74.0



#84
 1,2,4-Trimethylbenzene
 Concen: 2.852 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067058.D
 Acq: 03 Oct 2020 02:54

Tgt Ion:105 Resp: 67257
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.3 69.8

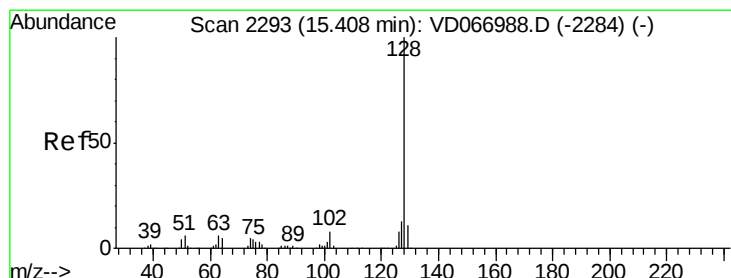
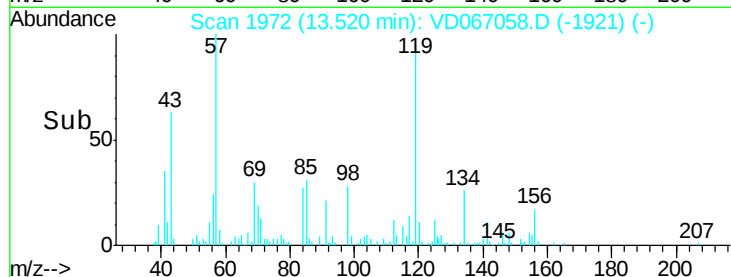
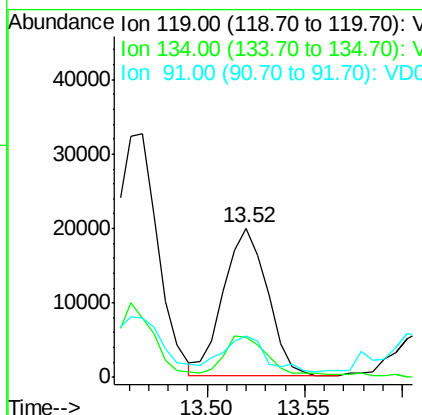
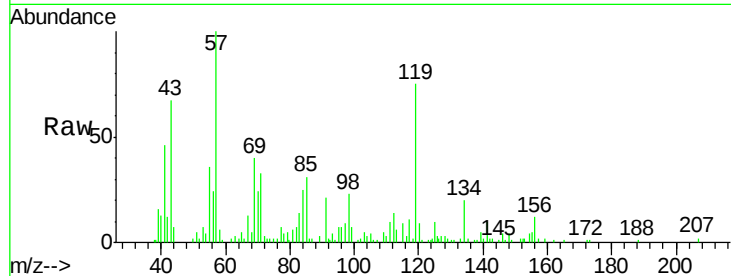




#86
 p-Isopropyltoluene
 Concen: 1.192 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067058.D
 Acq: 03 Oct 2020 02:54

Instrument :
 MSVOA_D
 ClientSampled :
 B-18(5-7)

Tot Ion:119 Resp: 30978
 Ion Ratio Lower Upper
 119 100
 134 24.8 13.1 39.1
 91 24.0 11.7 35.1



#95
 Naphthalene
 Concen: 9.164 ug/l
 RT: 15.41 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: VD067058.D
 Acq: 03 Oct 2020 02:54

Tgt Ion:128 Resp: 113585
 Ion Ratio Lower Upper
 128 100
 127 14.9 10.3 15.5
 129 11.2 8.6 13.0

