

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120420\
 Data File : VD067880.D
 Acq On : 04 Dec 2020 12:30
 Operator : VA/SY
 Sample : L4939-01
 Misc : 7.46G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-12320

Quant Time: Dec 05 00:04:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	231219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	323191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	289475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	137845	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	119964	48.33	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.66%
35) Dibromofluoromethane	7.92	113	98308	45.46	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.92%
50) Toluene-d8	10.34	98	365306	46.92	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.84%
62) 4-Bromofluorobenzene	12.64	95	122554	45.53	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.06%

Target Compounds

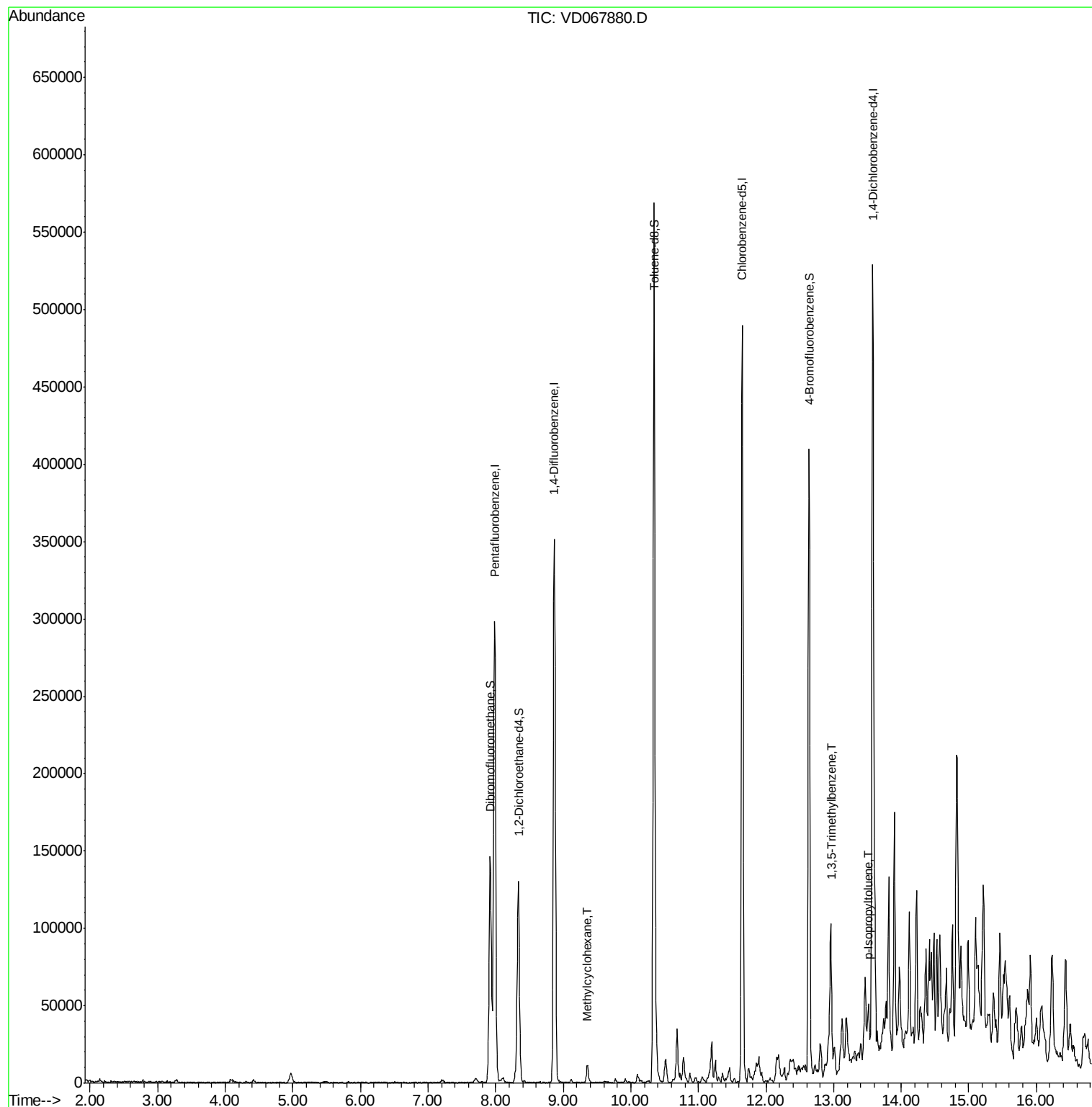
					Qvalue
39) Methylcyclohexane	9.36	83	4691	1.415 ug/l	89
80) 1,3,5-Trimethylbenzene	12.96	105	22616	2.756 ug/l	97
86) p-Isopropyltoluene	13.51	119	11008	1.205 ug/l	86

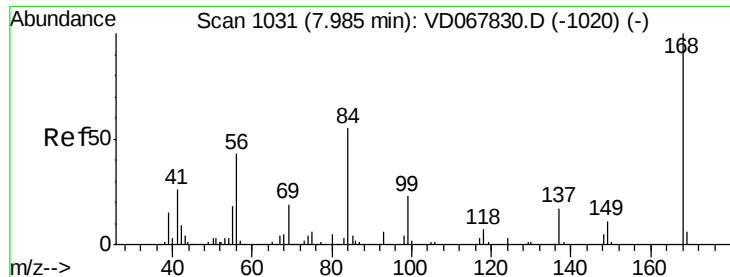
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120420\
Data File : VD067880.D
Acq On : 04 Dec 2020 12:30
Operator : VA/SY
Sample : L4939-01
Misc : 7.46G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-02-12320

Quant Time: Dec 05 00:04:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 02 08:05:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067880.D

Acq: 04 Dec 2020 12:30

Instrument :

MSVOA_D

ClientSampleId :

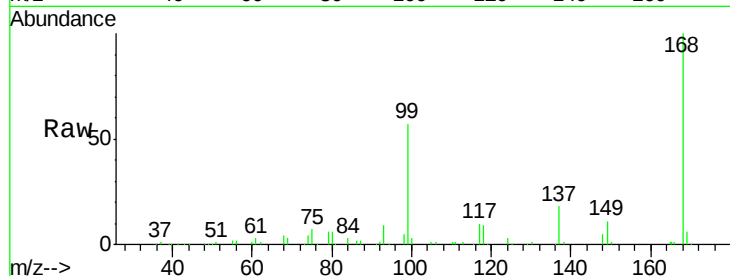
EO-02-12320

Tot Ion:168 Resp: 231219

Ion Ratio Lower Upper

168 100

99 56.6 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

100000

80000

60000

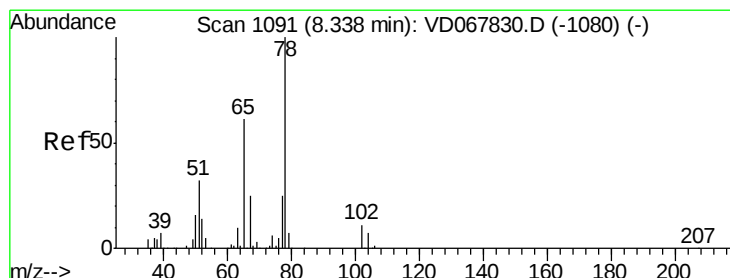
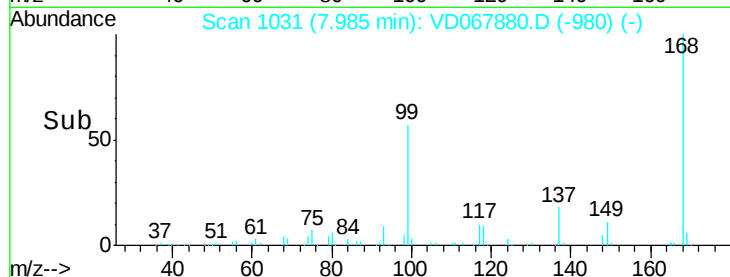
40000

20000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 48.329 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067880.D

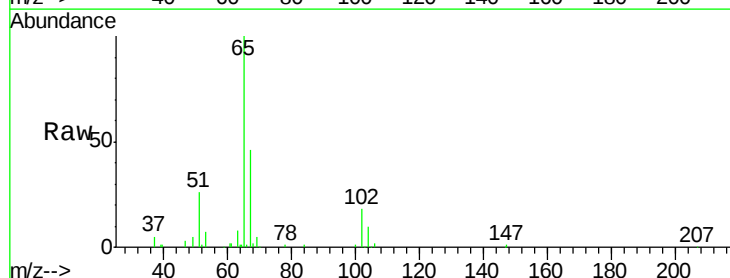
Acq: 04 Dec 2020 12:30

Tgt Ion: 65 Resp: 119964

Ion Ratio Lower Upper

65 100

67 46.7 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

60000

50000

40000

30000

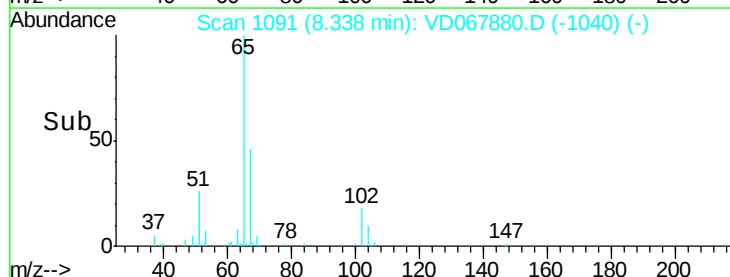
20000

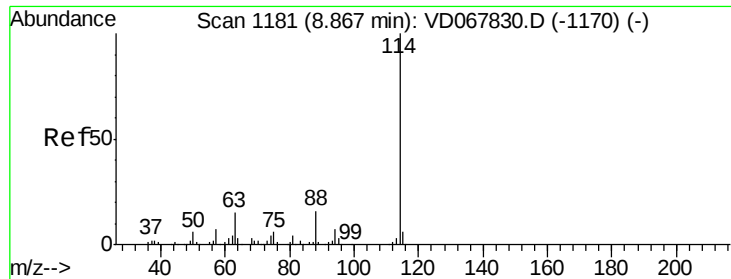
10000

0

Time-->

8.25 8.30 8.35 8.40

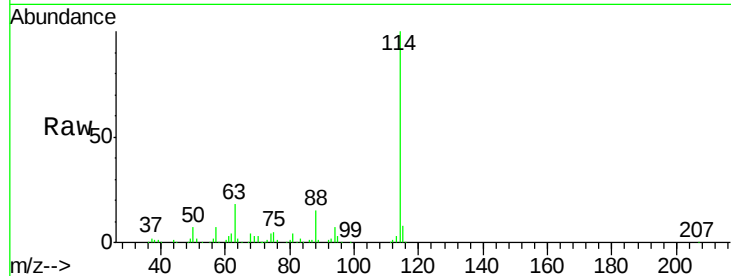




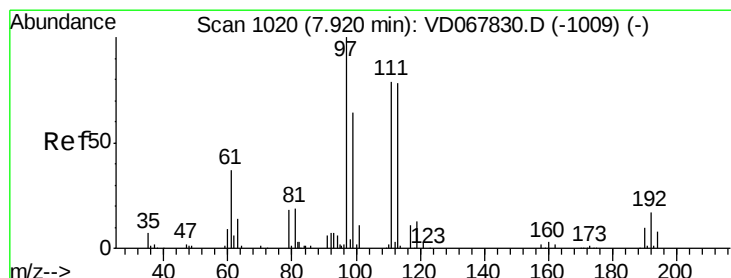
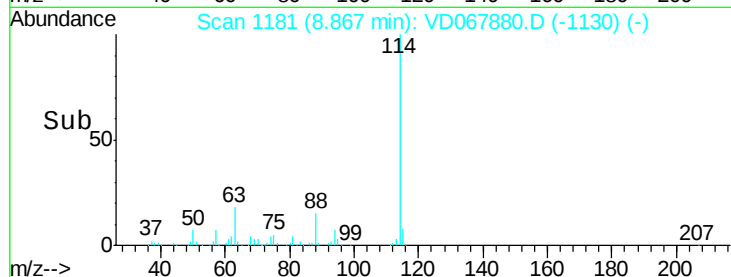
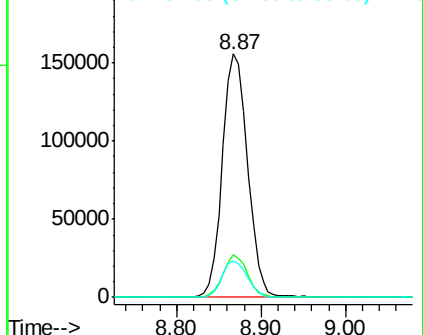
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067880.D
 Acq: 04 Dec 2020 12:30

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-12320

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	30.8
88	14.7	0.0	31.8

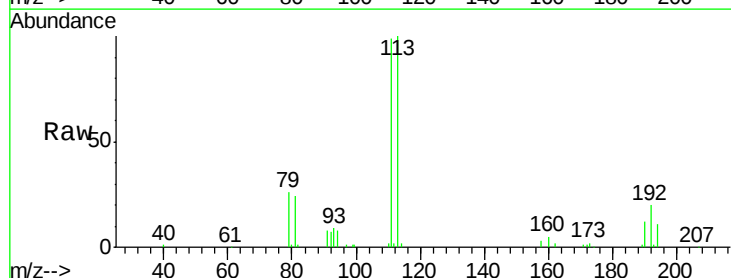


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

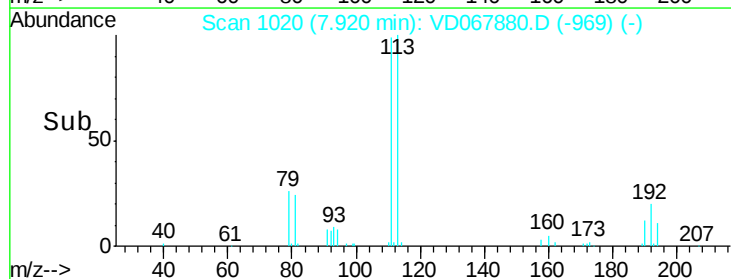
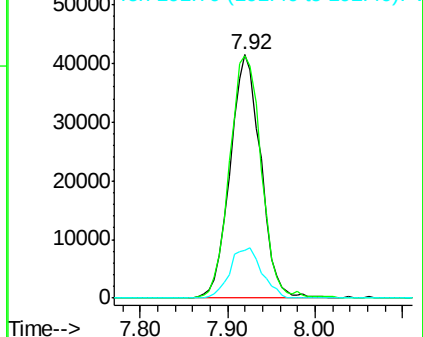


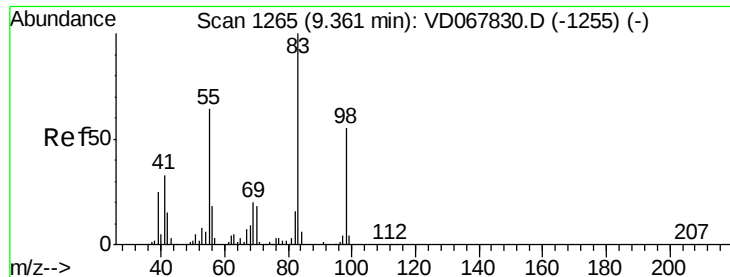
#35
 Dibromofluoromethane
 Concen: 45.458 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067880.D
 Acq: 04 Dec 2020 12:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.2	121.8
192	21.5	16.8	25.2



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

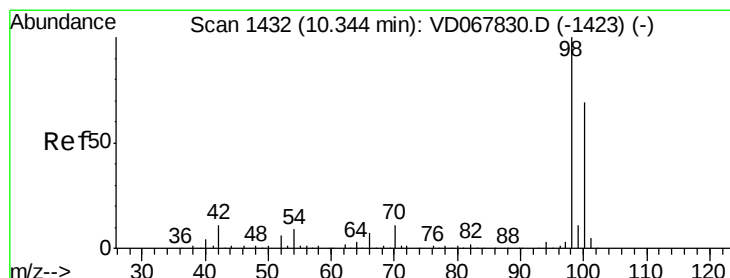
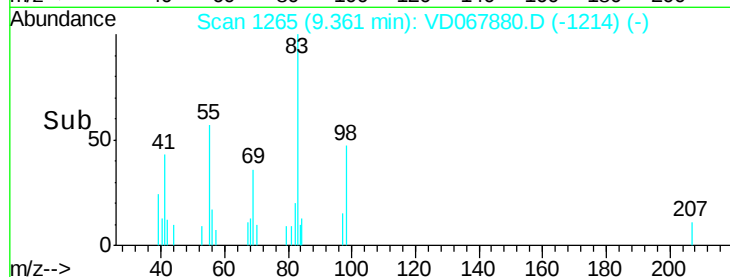
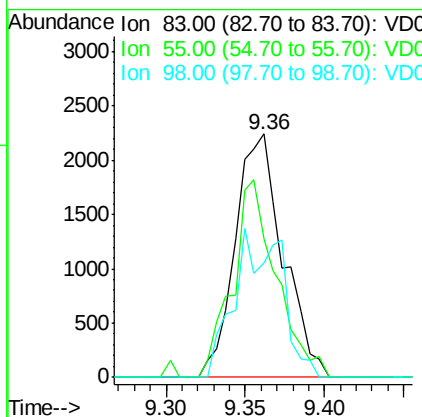
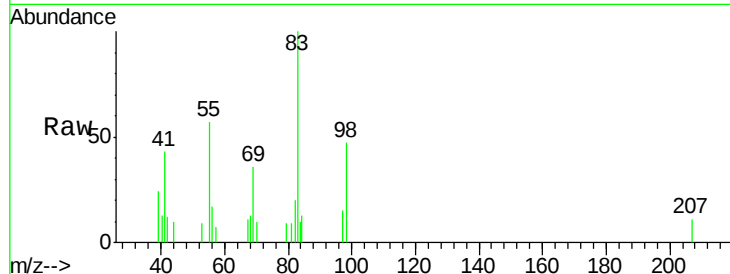




#39
Methvlcvclohexane
Concen: 1.415 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VD067880.D
Acq: 04 Dec 2020 12:30

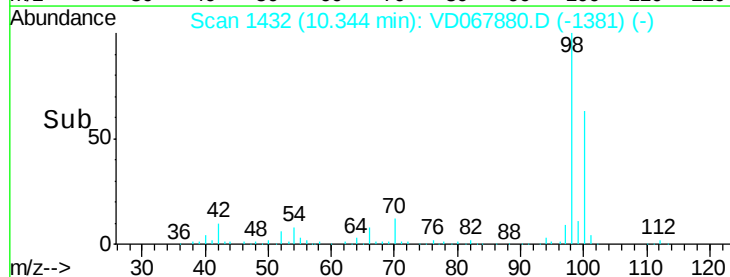
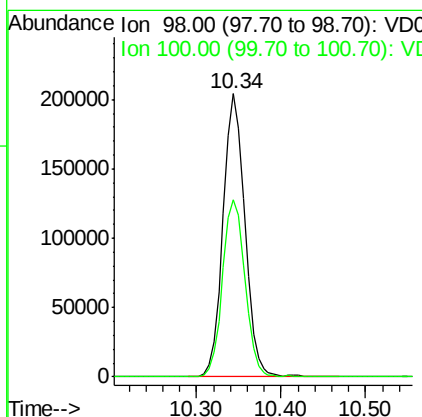
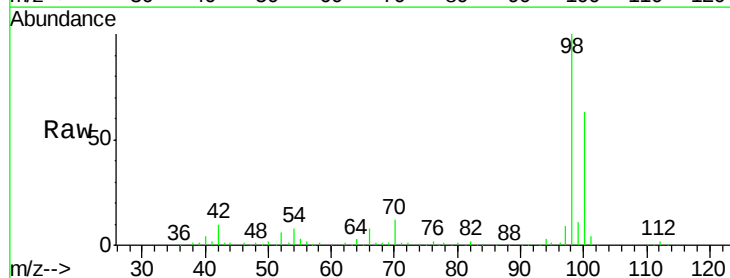
Instrument :
MSVOA_D
ClientSampleId :
EO-02-12320

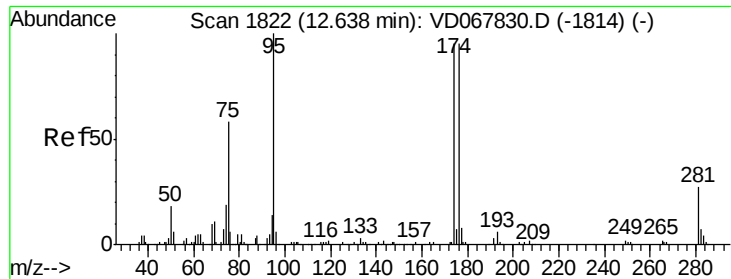
Tot Ion: 83 Resp: 4691
Ion Ratio Lower Upper
83 100
55 56.8 51.6 77.4
98 46.7 44.3 66.5



#50
Toluene-d8
Concen: 46.924 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067880.D
Acq: 04 Dec 2020 12:30

Tgt Ion: 98 Resp: 365306
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3

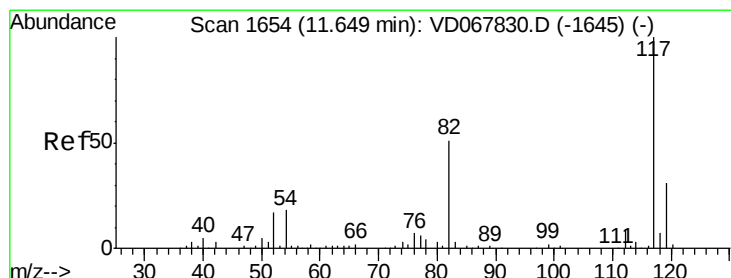
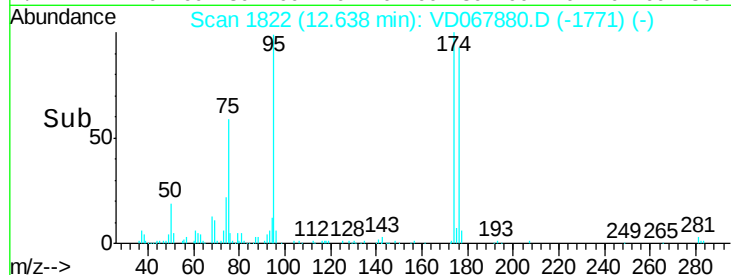
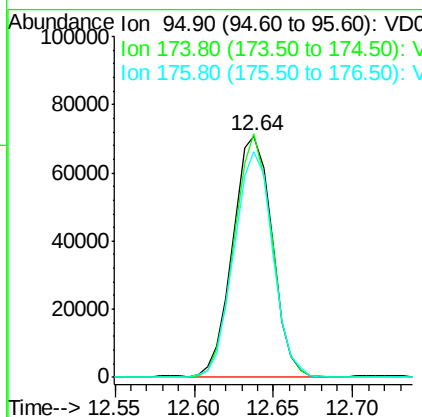
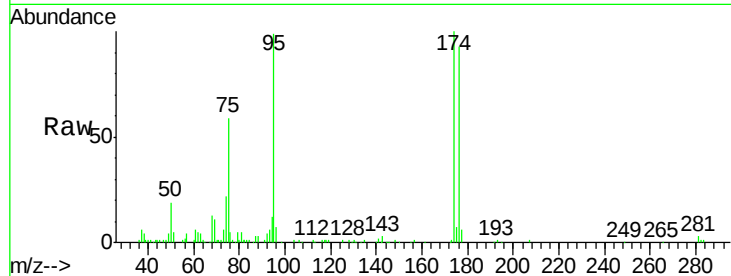




#62
4-Bromofluorobenzene
Concen: 45.534 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067880.D
Acq: 04 Dec 2020 12:30

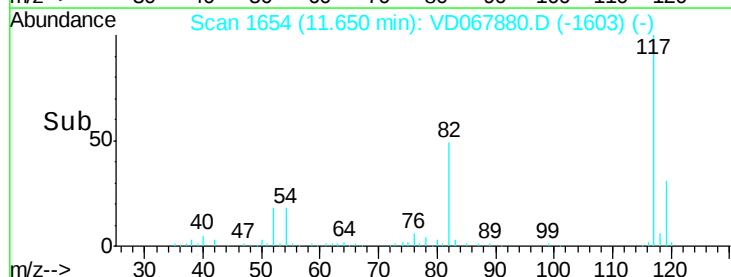
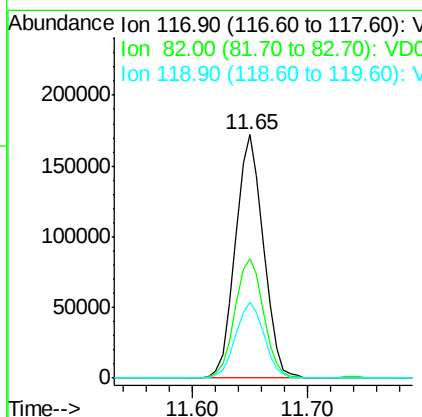
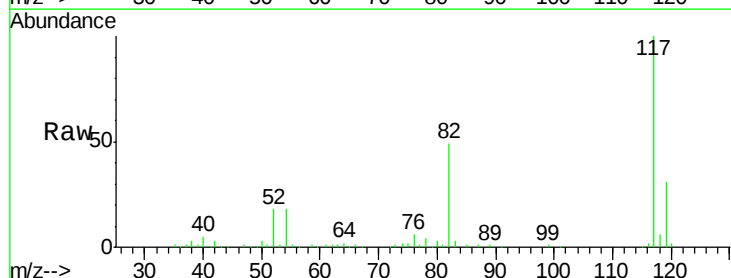
Instrument :
MSVOA_D
ClientSampleId :
EO-02-12320

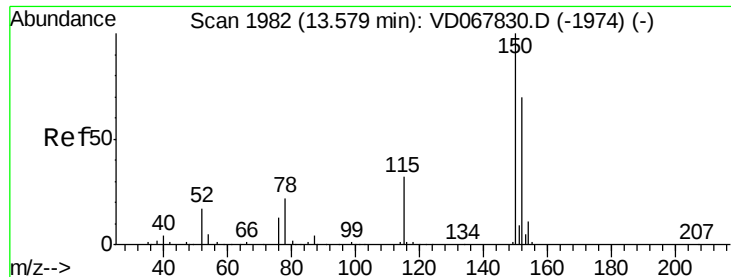
Tot Ion: 95 Resp: 122554
Ion Ratio Lower Upper
95 100
174 96.2 0.0 186.0
176 92.0 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067880.D
Acq: 04 Dec 2020 12:30

Tgt Ion: 117 Resp: 289475
Ion Ratio Lower Upper
117 100
82 49.2 40.6 60.8
119 31.4 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067880.D

Acq: 04 Dec 2020 12:30

Instrument :

MSVOA_D

ClientSampleId :

EO-02-12320

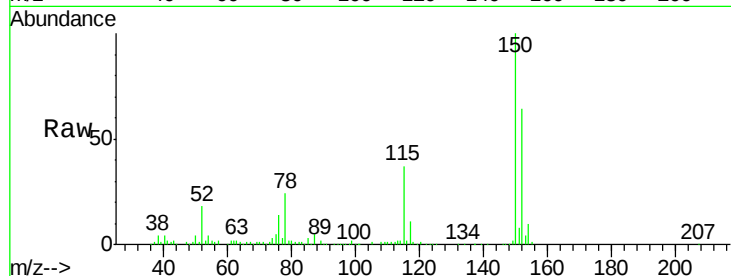
Tot Ion:152 Resp: 137845

Ion Ratio Lower Upper

152 100

115 62.6 29.1 87.4

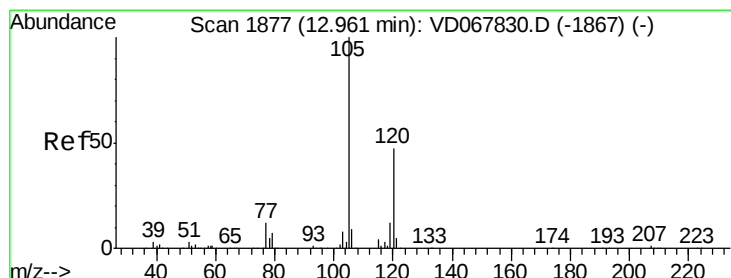
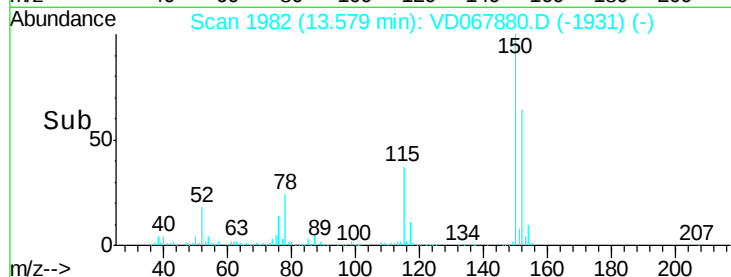
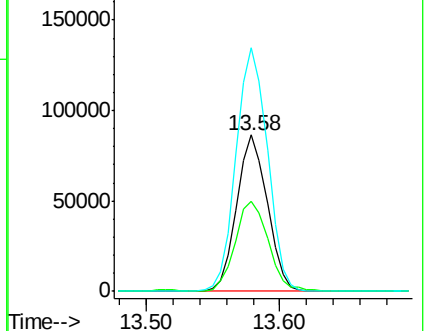
150 159.0 0.0 339.0



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: 2.756 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067880.D

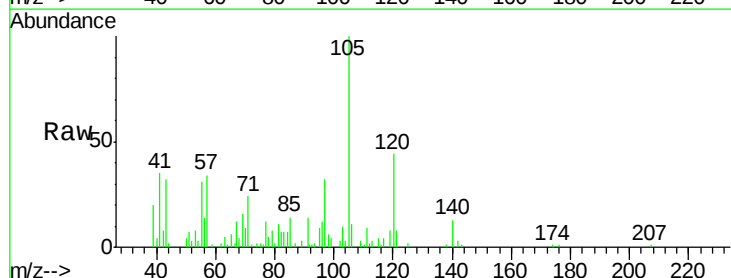
Acq: 04 Dec 2020 12:30

Tgt Ion:105 Resp: 22616

Ion Ratio Lower Upper

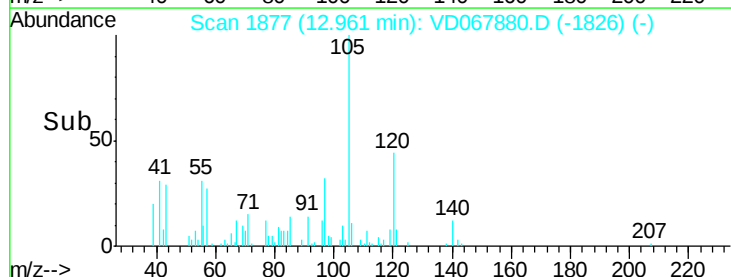
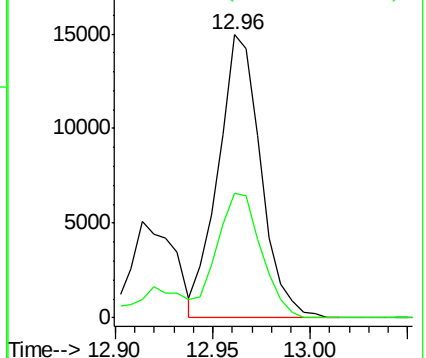
105 100

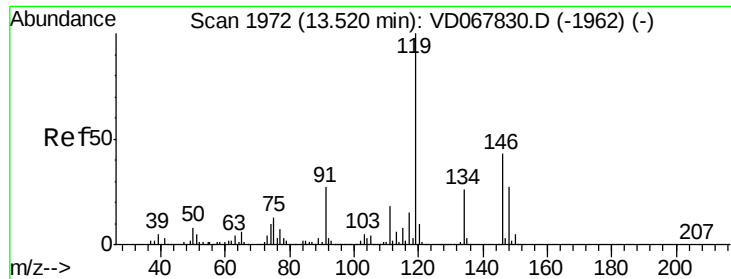
120 46.3 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#86
 p-Isopropyltoluene
 Concen: 1.205 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD067880.D
 Acq: 04 Dec 2020 12:30

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-12320

Tot Ion	Ion	Ratio	Lower	Upper
119	100			
134	32.0	13.1	39.3	
91	34.0	12.8	38.3	

