

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122320\
 Data File : VN065232.D
 Acq On : 23 Dec 2020 14:00
 Operator : JC/MD
 Sample : PB133762TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133762TB

Quant Time: Dec 24 04:20:10 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220w.M
 Quant Title : Sw846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.627	168	238431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	397377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	415928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	184700	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	140654	52.25	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.50%
35) Dibromofluoromethane	7.550	113	122868	51.25	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.50%
50) Toluene-d8	10.061	98	491536	54.70	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	109.40%
62) 4-Bromofluorobenzene	12.376	95	200642	55.80	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.60%

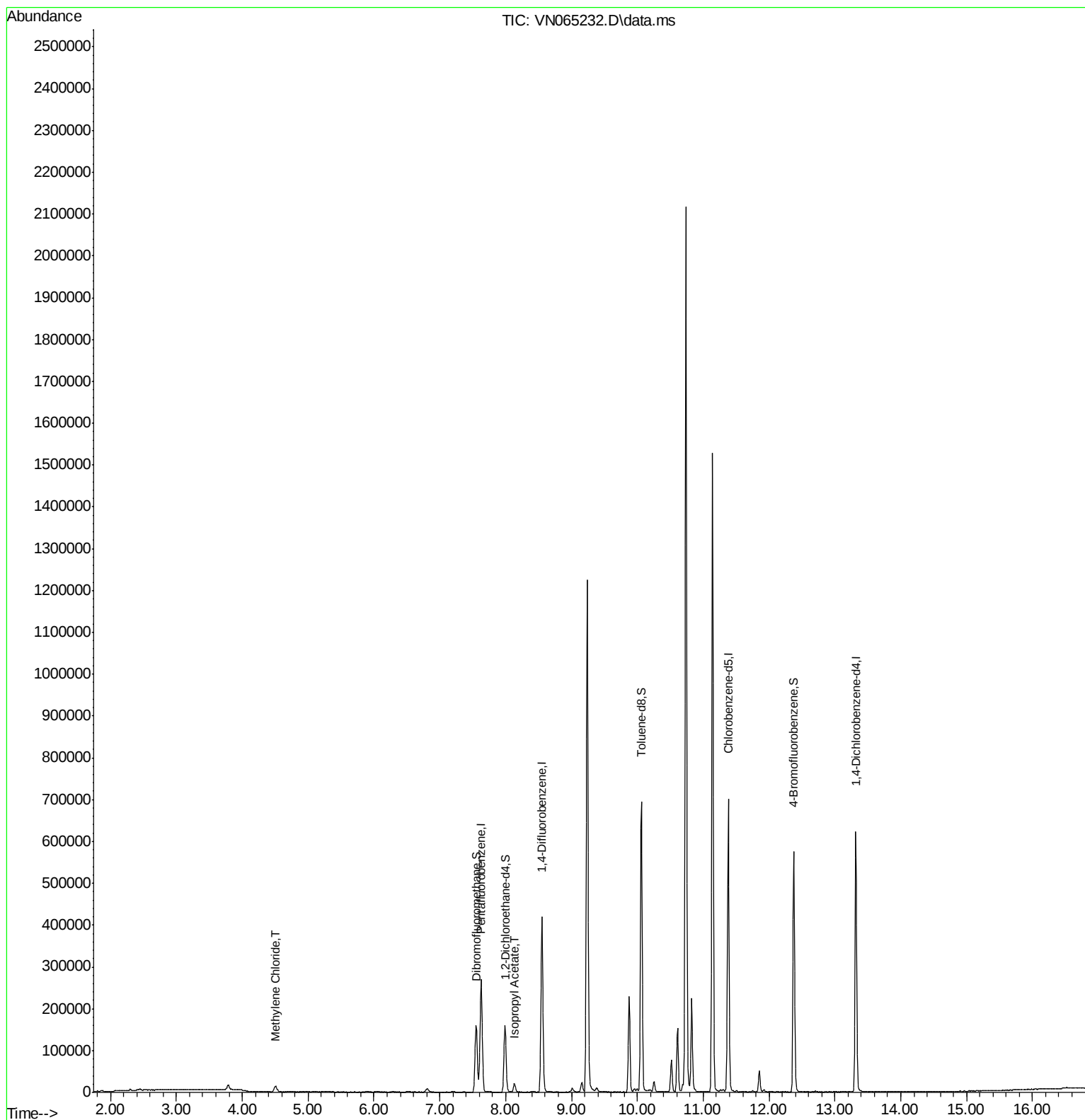
Target Compounds						Qvalue
20) Methylene Chloride	4.505	84	10710	4.08	ug/l	98
43) Isopropyl Acetate	8.132	43	25930	4.20	ug/l	93

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

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MSVOA_N
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PB133762TB

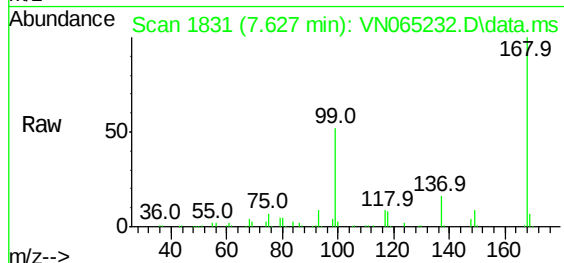
Quant Time: Dec 24 04:20:10 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220w.M
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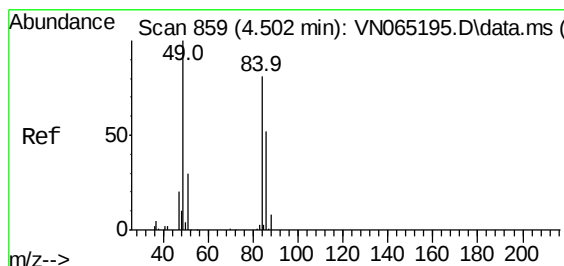
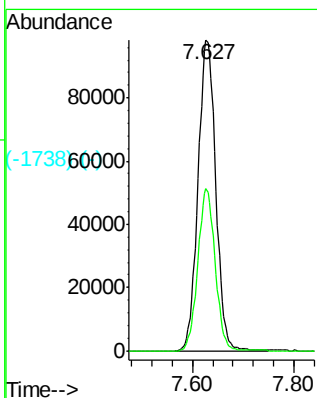
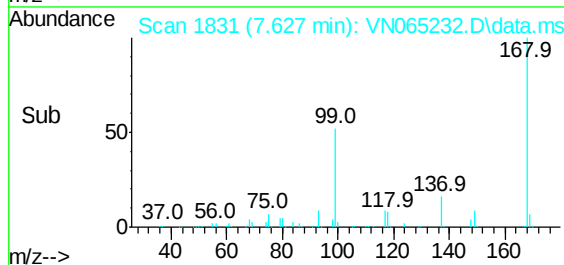


#12 (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065232.D
Acq: 23 Dec 2020 14:00

Instrument :
MSVOA_N
ClientSampled :
PB133762TB

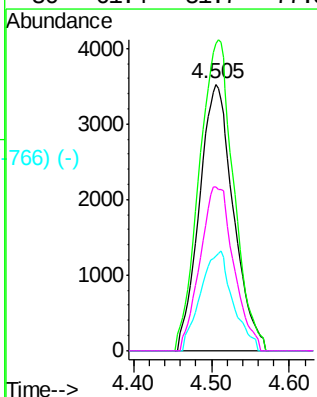
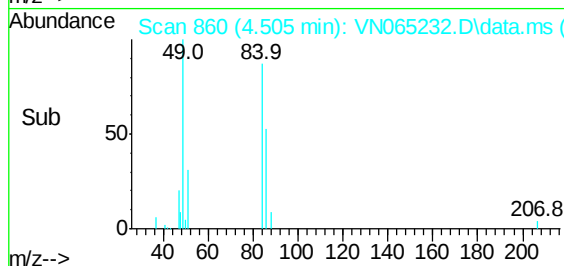
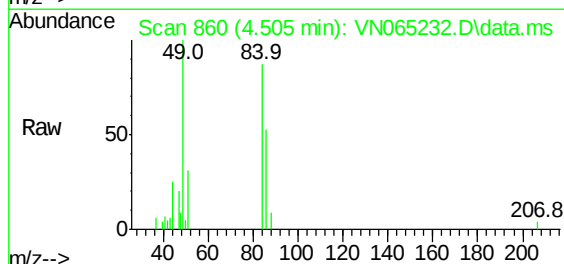


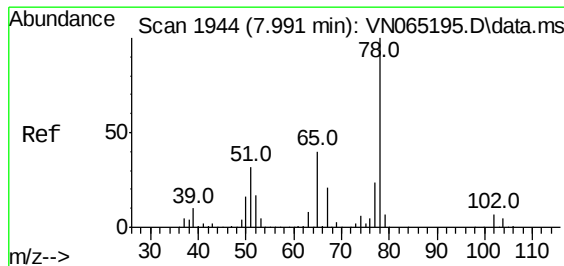
Tgt Ion:168 Resp: 238431
Ion Ratio Lower Upper
168 100
99 52.2 43.0 64.4



#29 (-)
Methylene Chloride
Concen: 4.08 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN065232.D
Acq: 23 Dec 2020 14:00

Tgt Ion: 84 Resp: 10710
Ion Ratio Lower Upper
84 100
49 115.4 93.4 140.0
51 35.4 28.2 42.4
86 61.4 51.7 77.5

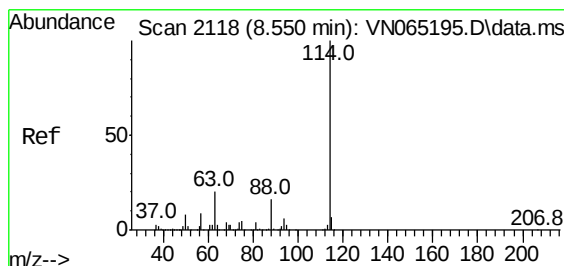
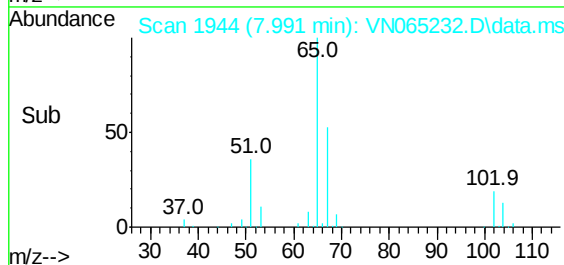
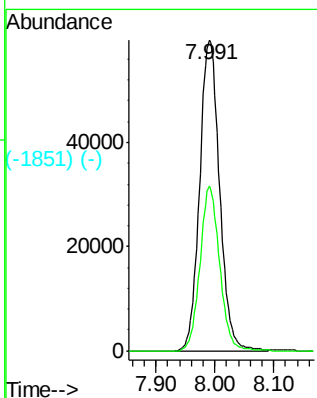
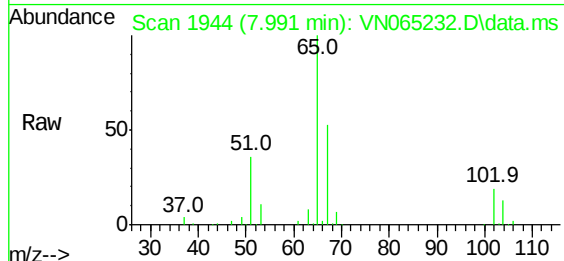




(-1926) (-)
 1,2-Dichloroethane-d4
 Concen: 52.25 ug/l
 RT: 7.991 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VN065232.D
 Acq: 23 Dec 2020 14:00

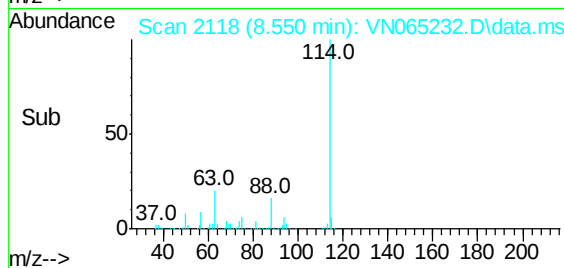
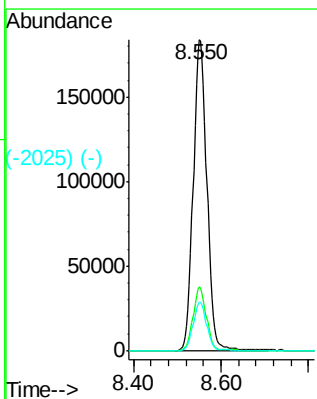
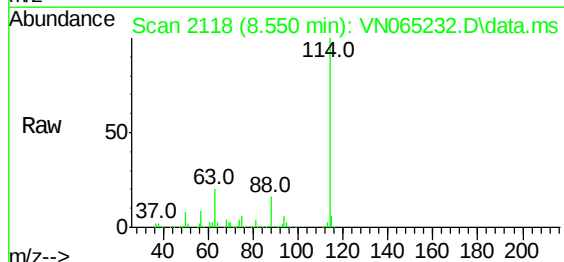
Instrument :
 MSVOA_N
 ClientSampleId :
 PB133762TB

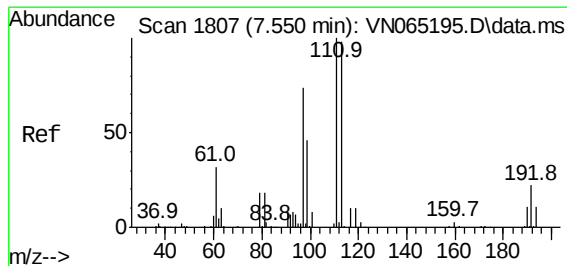
Tgt Ion: 65 Resp: 140654
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 108.2



(-2301) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.550 min Scan# 2118
 Delta R.T. -0.000 min
 Lab File: VN065232.D
 Acq: 23 Dec 2020 14:00

Tgt Ion: 114 Resp: 397377
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.6
 88 15.7 0.0 32.6

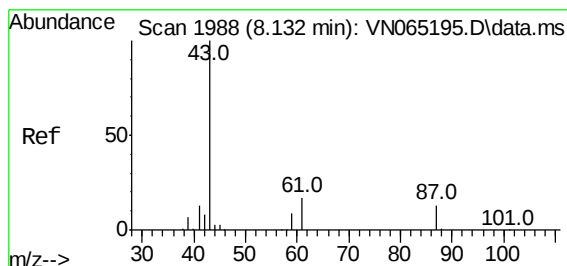
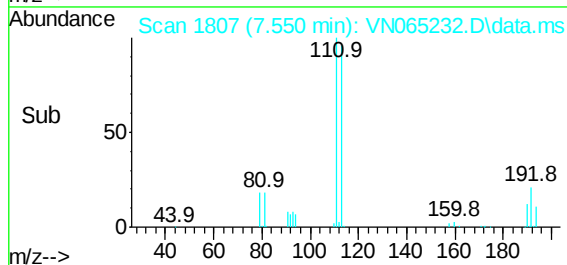
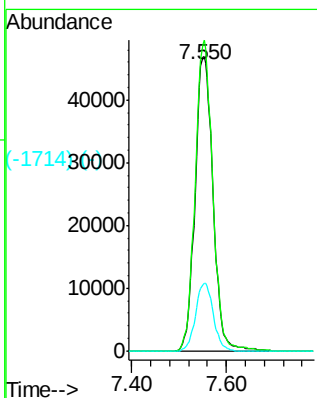
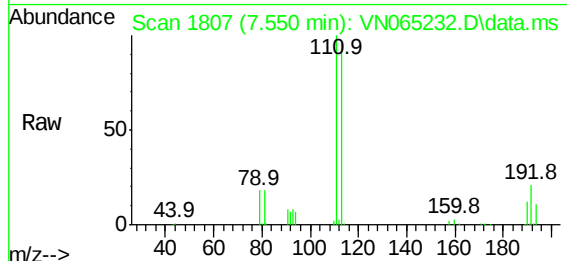




Dibromofluoromethane
Concen: 51.25 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065232.D
Acq: 23 Dec 2020 14:00

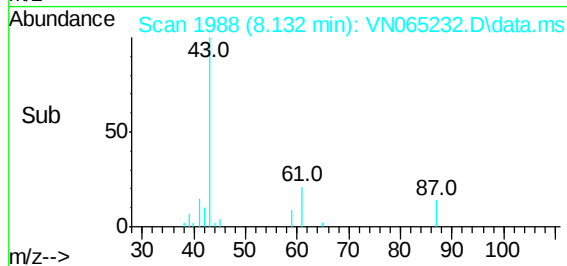
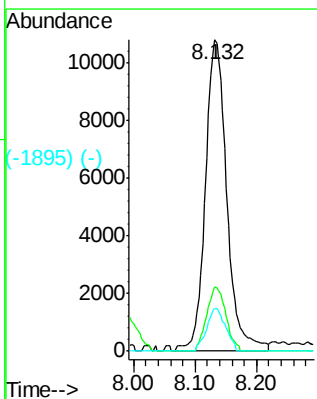
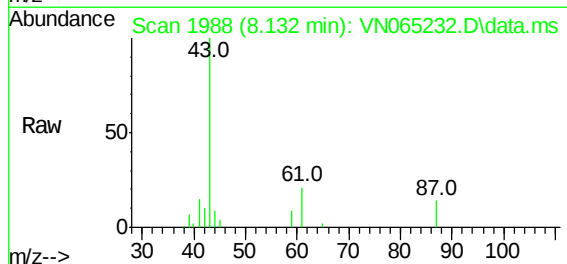
Instrument :
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ClientSampleId :
PB133762TB

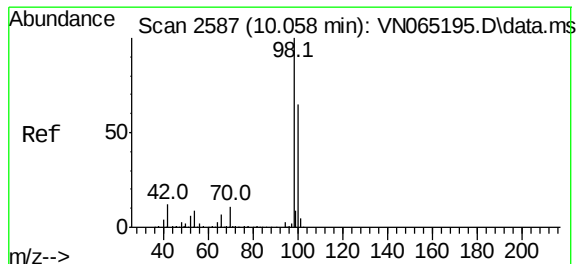
Tgt Ion:113 Resp: 122868
Ion Ratio Lower Upper
113 100
111 103.2 81.6 122.4
192 22.6 16.2 24.2



Isopropyl Acetate
Concen: 4.20 ug/l
RT: 8.132 min Scan# 1988
Delta R.T. 0.000 min
Lab File: VN065232.D
Acq: 23 Dec 2020 14:00

Tgt Ion: 43 Resp: 25930
Ion Ratio Lower Upper
43 100
61 18.2 17.2 25.8
87 11.8 11.4 17.0

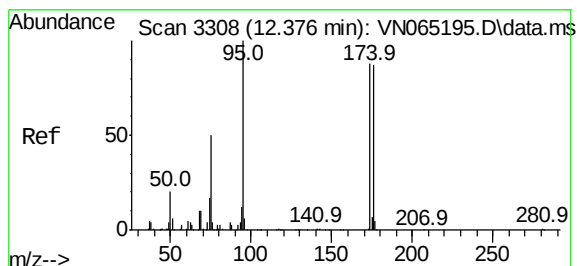
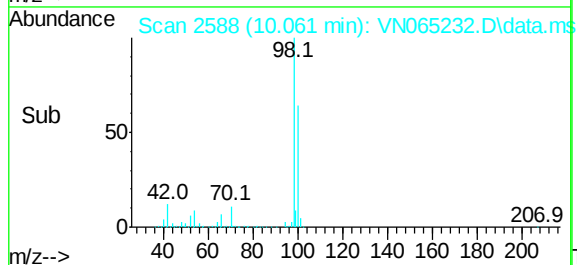
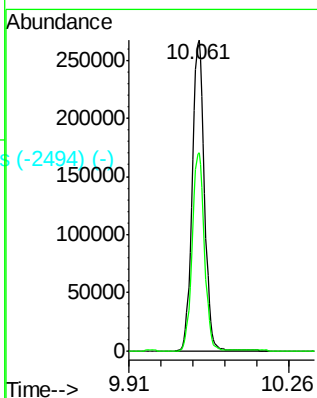
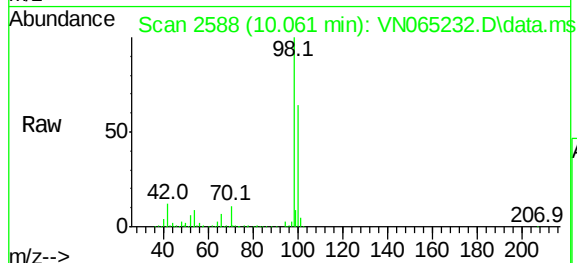




Toluene-d8
Concen: 54.70 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065232.D
Acq: 23 Dec 2020 14:00

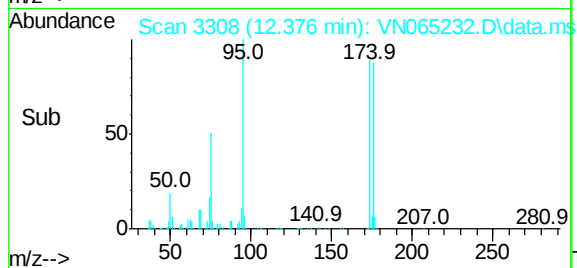
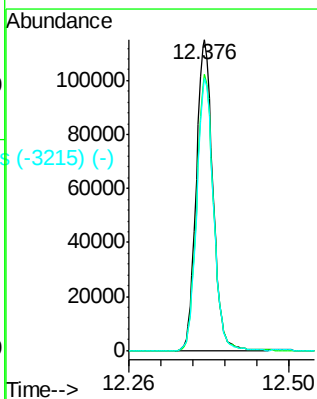
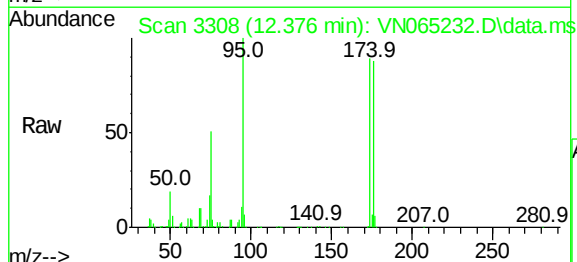
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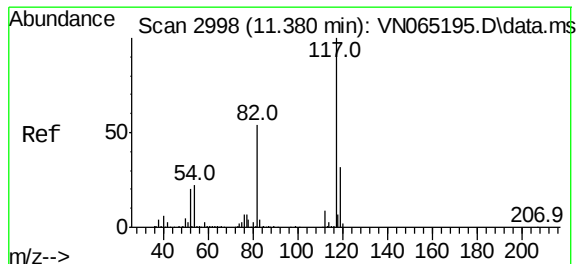
Tgt Ion: 98 Resp: 491536
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



4-Bromofluorobenzene
Concen: 55.80 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065232.D
Acq: 23 Dec 2020 14:00

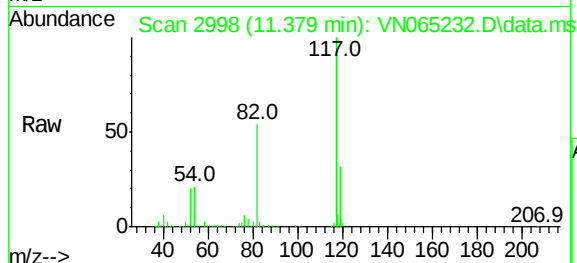
Tgt Ion: 95 Resp: 200642
Ion Ratio Lower Upper
95 100
174 89.2 0.0 160.4
176 87.9 0.0 158.4



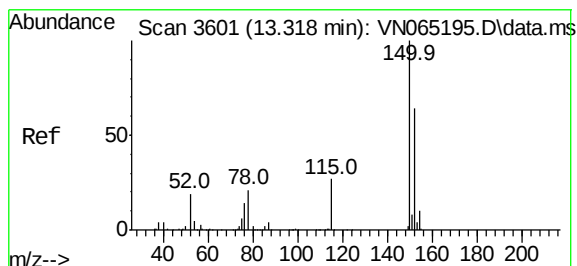
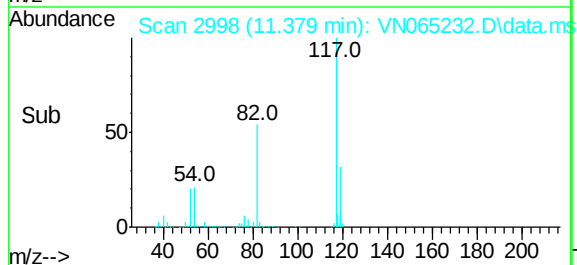
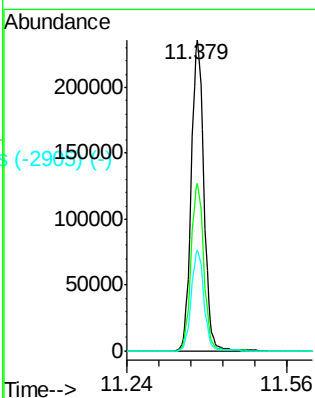


#693 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065232.D
Acq: 23 Dec 2020 14:00

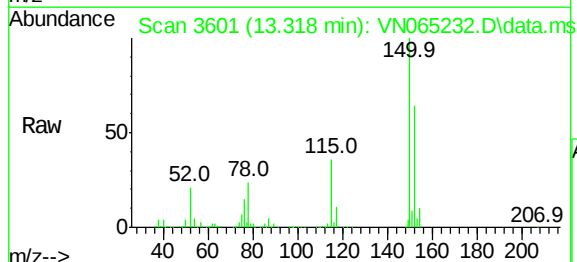
Instrument :
MSVOA_N
ClientSampleId :
PB133762TB



Tgt Ion:	117	Resp:	415928
Ion Ratio	Lower	Upper	
117	100		
82	54.0	44.2	66.2
119	32.3	25.8	38.6



#768 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065232.D
Acq: 23 Dec 2020 14:00



Tgt Ion:	152	Resp:	184700
Ion Ratio	Lower	Upper	
152	100		
115	55.9	29.7	89.1
150	156.0	0.0	350.6

