

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042721\
 Data File : VN066797.D
 Acq On : 27 Apr 2021 21:36
 Operator : JC/MD
 Sample : M2170-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BN-1

Quant Time: Apr 28 08:15:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

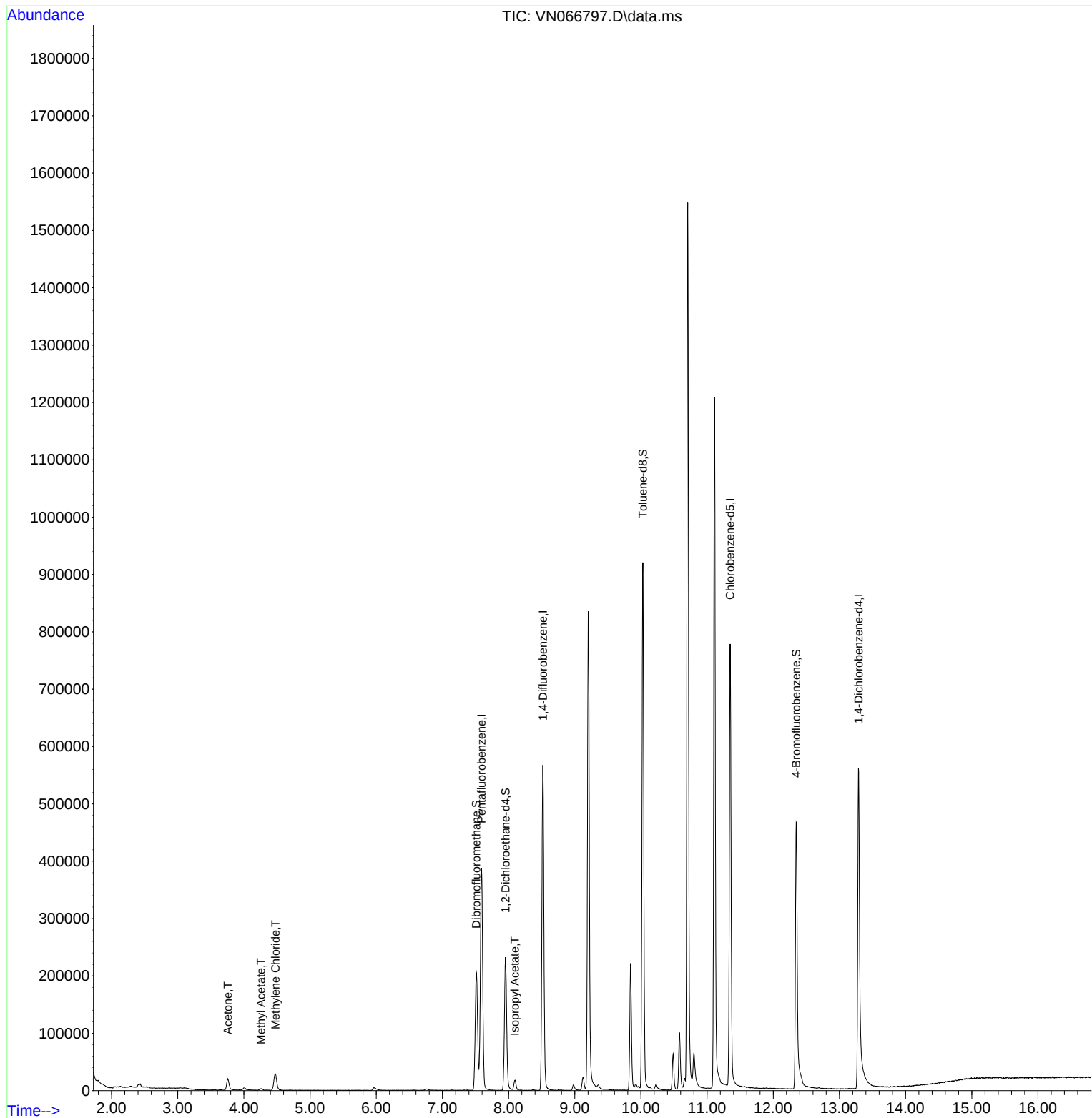
Internal Standards						
1) Pentafluorobenzene	7.591	168	346336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	533281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	482524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	210393	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	200398	45.03	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.06%
35) Dibromofluoromethane	7.513	113	165842	50.38	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.76%
50) Toluene-d8	10.029	98	654199	50.63	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.26%
62) 4-Bromofluorobenzene	12.346	95	209553	47.93	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.86%
Target Compounds						
					Qvalue	
16) Acetone	3.758	43	34287	20.42	ug/l	96
18) Methyl Acetate	4.257	43	6082	2.43	ug/l #	85
20) Methylene Chloride	4.477	84	22845	5.37	ug/l	95
43) Isopropyl Acetate	8.095	43	22559	2.70	ug/l #	83

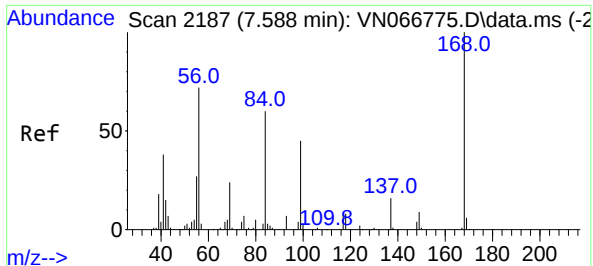
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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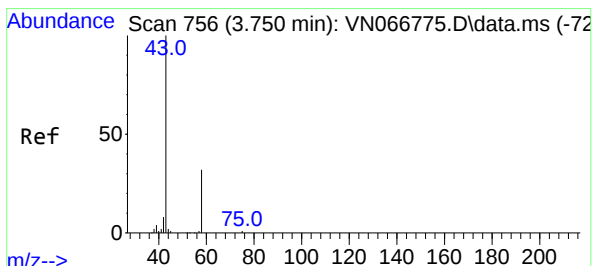
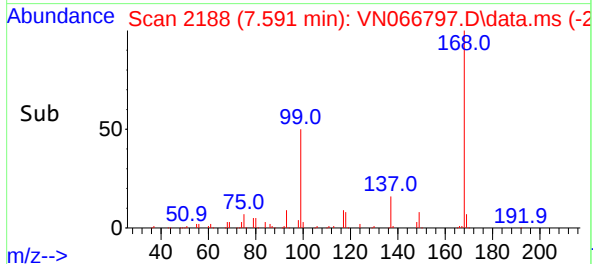
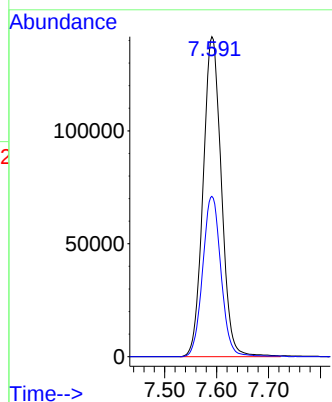
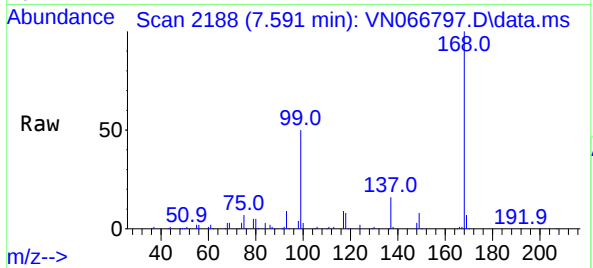




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066797.D
Acq: 27 Apr 2021 21:36

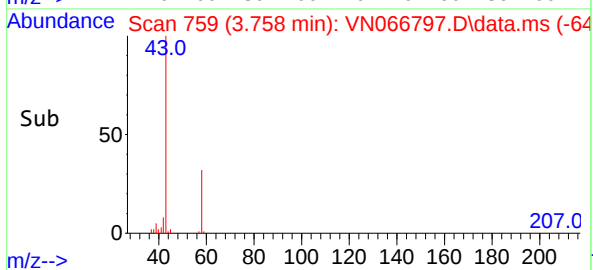
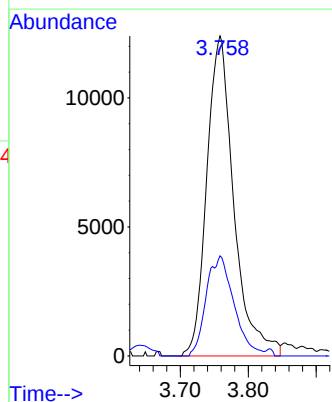
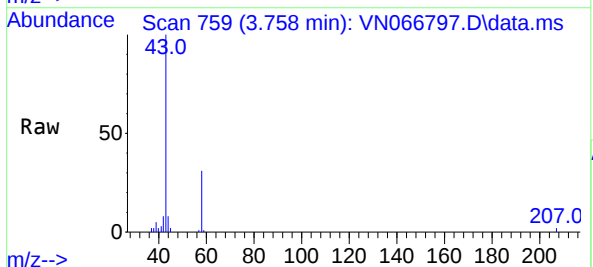
Instrument :
MSVOA_N
ClientSampled :
BN-1

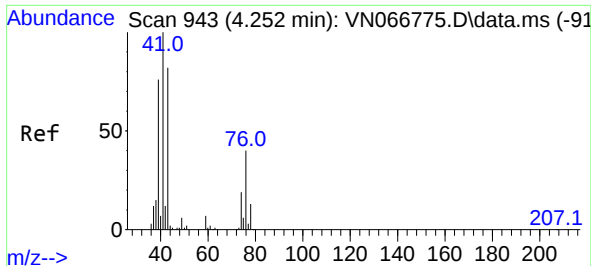
Tgt Ion:168 Resp: 346336
Ion Ratio Lower Upper
168 100
99 50.1 42.6 63.8



#16
Acetone
Concen: 20.42 ug/l
RT: 3.758 min Scan# 759
Delta R.T. 0.008 min
Lab File: VN066797.D
Acq: 27 Apr 2021 21:36

Tgt Ion: 43 Resp: 34287
Ion Ratio Lower Upper
43 100
58 31.3 27.0 40.6

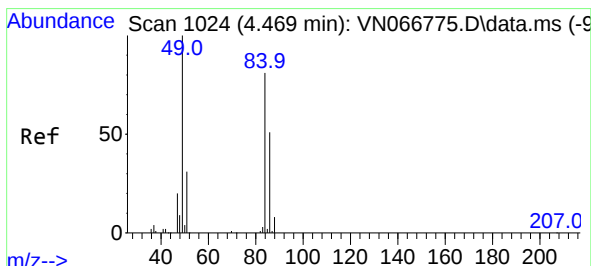
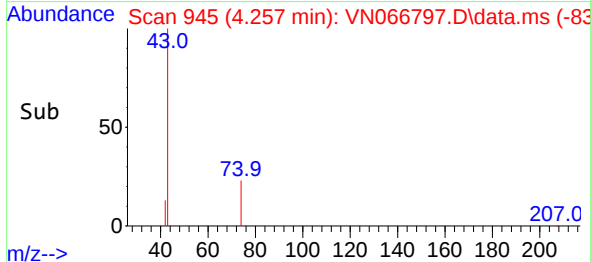
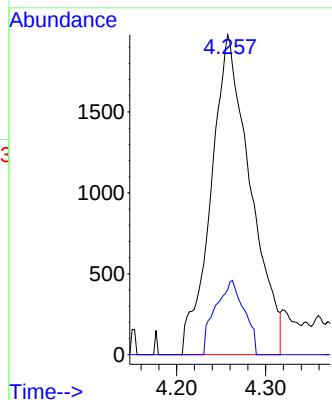
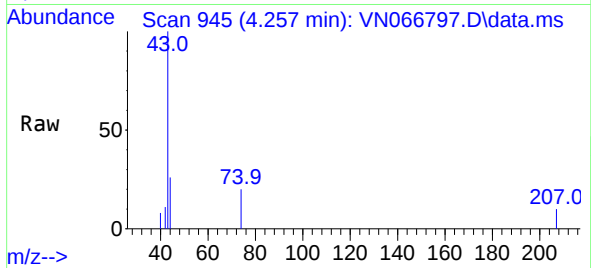




#18
Methyl Acetate
Concen: 2.43 ug/l
RT: 4.257 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN066797.D
Acq: 27 Apr 2021 21:36

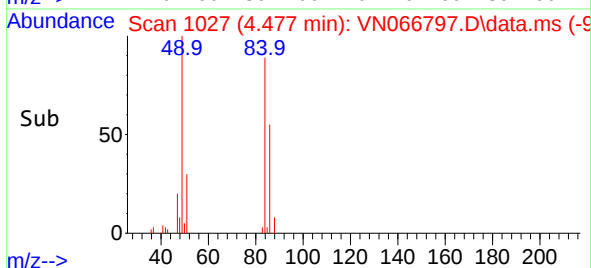
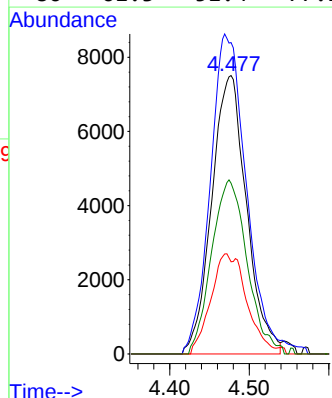
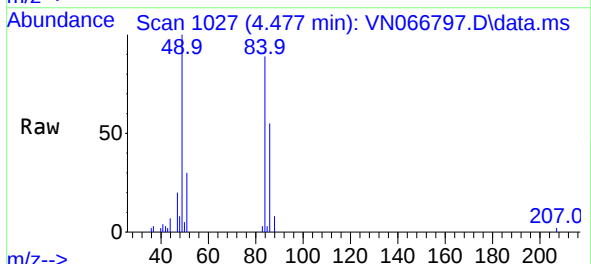
Instrument :
MSVOA_N
ClientSampled :
BN-1

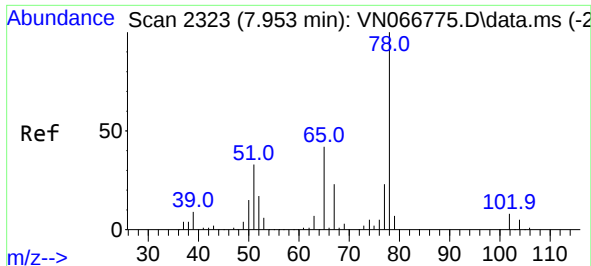
Tgt Ion: 43 Resp: 6082
Ion Ratio Lower Upper
43 100
74 16.9 19.5 29.3#



#20
Methylene Chloride
Concen: 5.37 ug/l
RT: 4.477 min Scan# 1027
Delta R.T. 0.008 min
Lab File: VN066797.D
Acq: 27 Apr 2021 21:36

Tgt Ion: 84 Resp: 22845
Ion Ratio Lower Upper
84 100
49 111.8 94.6 141.8
51 33.1 29.9 44.9
86 61.3 51.4 77.2



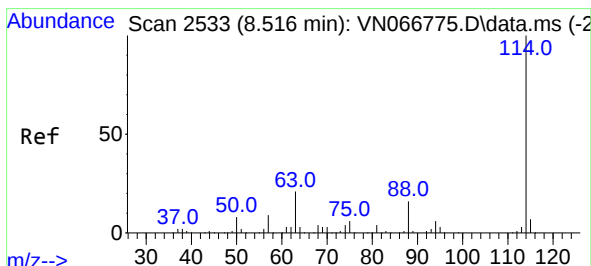
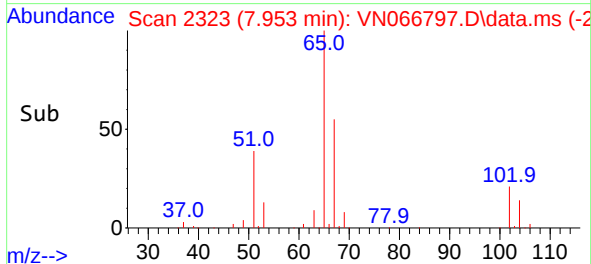
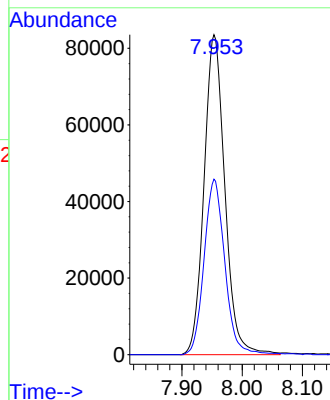
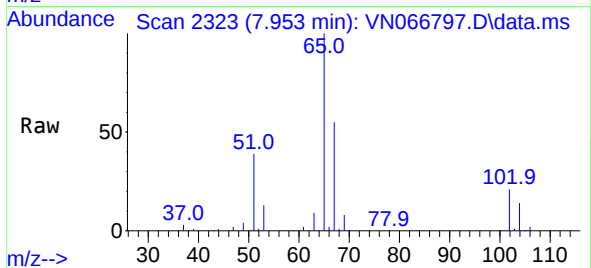


#33

1,2-Dichloroethane-d4
Concen: 45.03 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066797.D
Acq: 27 Apr 2021 21:36

Instrument :
MSVOA_N
ClientSampled :
BN-1

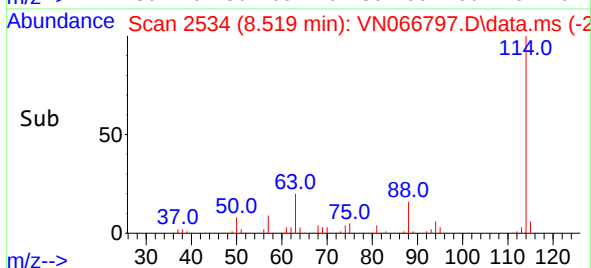
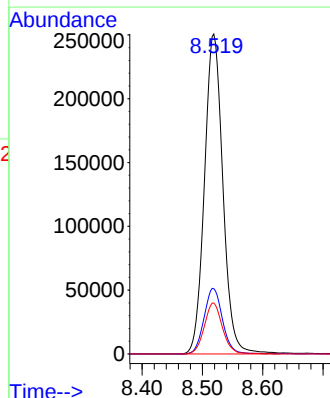
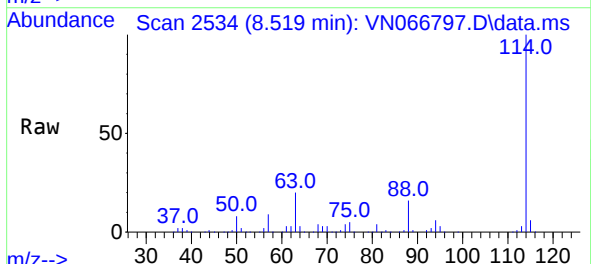
Tgt Ion: 65 Resp: 200398
Ion Ratio Lower Upper
65 100
67 54.7 0.0 107.2

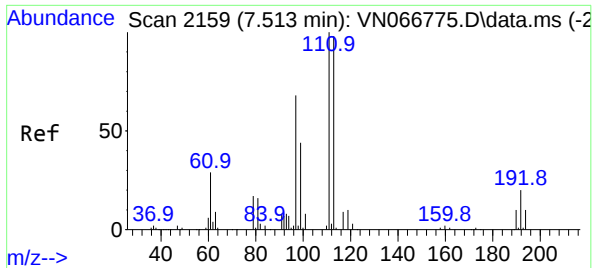


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066797.D
Acq: 27 Apr 2021 21:36

Tgt Ion: 114 Resp: 533281
Ion Ratio Lower Upper
114 100
63 20.4 0.0 38.6
88 15.9 0.0 30.6



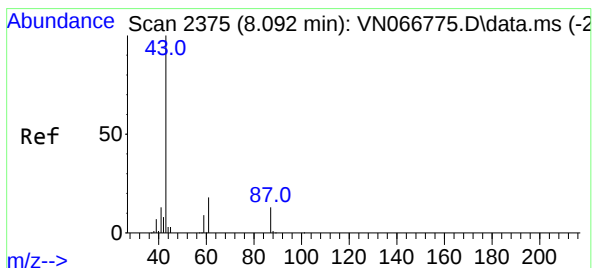
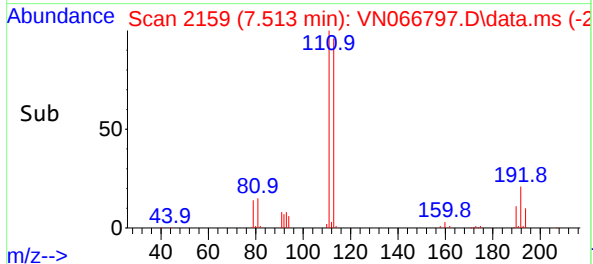
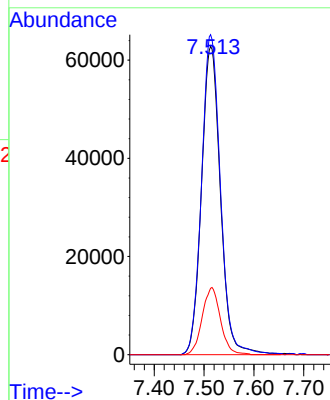
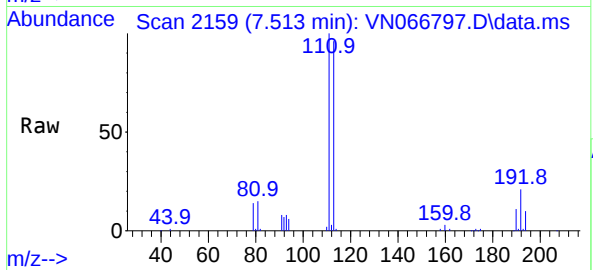


#35
Dibromofluoromethane
Concen: 50.38 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066797.D
Acq: 27 Apr 2021 21:36

Instrument :
MSVOA_N
ClientSampleId :
BN-1

Tgt Ion: 113 Resp: 165842

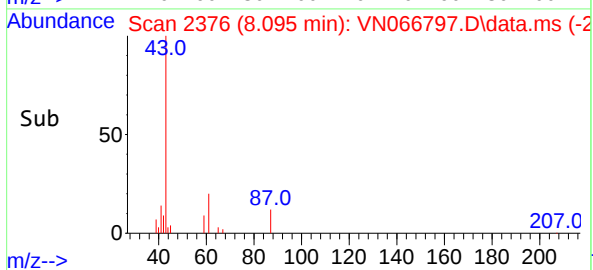
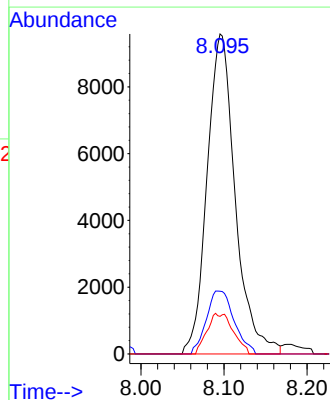
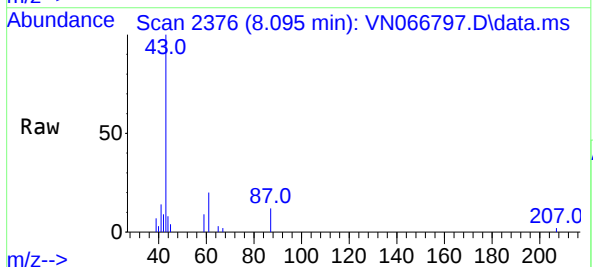
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.2
192	21.1	15.4	23.0

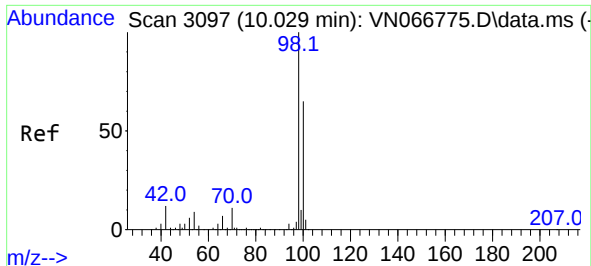


#43
Isopropyl Acetate
Concen: 2.70 ug/l
RT: 8.095 min Scan# 2376
Delta R.T. 0.003 min
Lab File: VN066797.D
Acq: 27 Apr 2021 21:36

Tgt Ion: 43 Resp: 22559

Ion	Ratio	Lower	Upper
43	100		
61	19.4	22.5	33.7#
87	6.1	11.1	16.7#

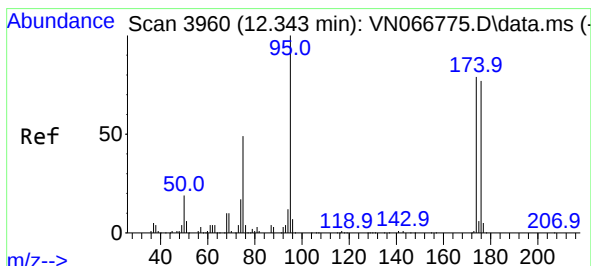
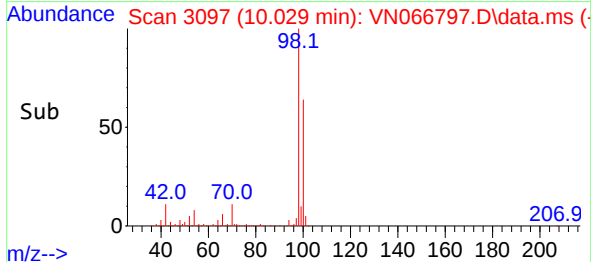
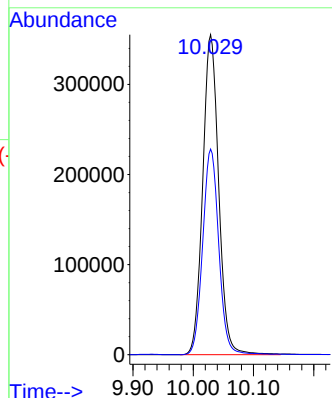
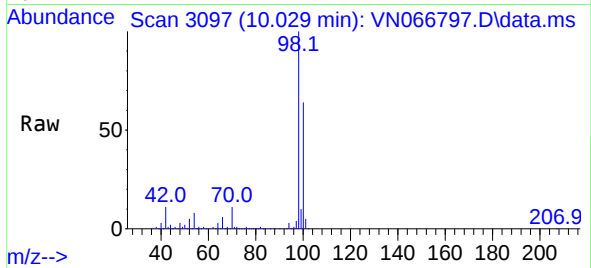




#50
Toluene-d8
Concen: 50.63 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066797.D
Acq: 27 Apr 2021 21:36

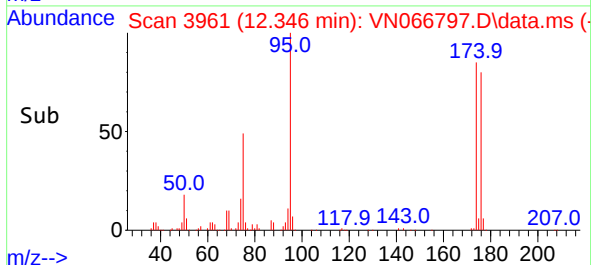
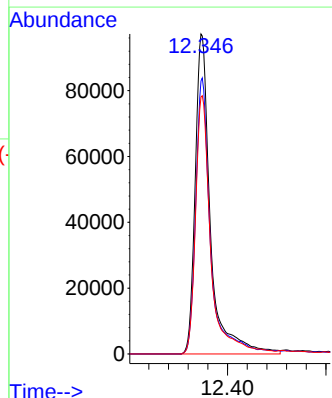
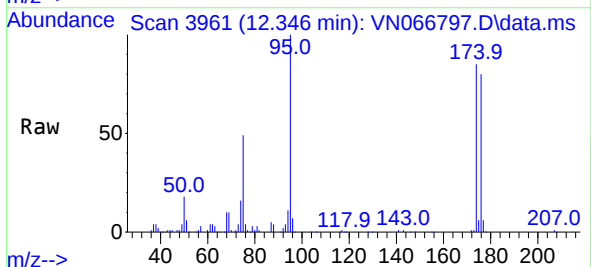
Instrument :
MSVOA_N
ClientSampleId :
BN-1

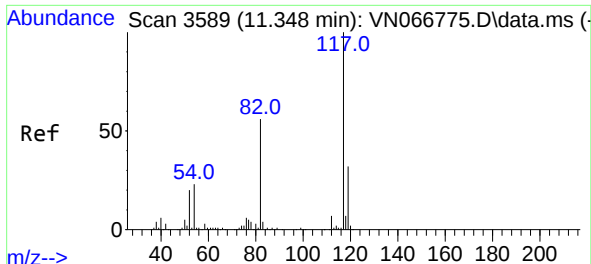
Tgt Ion: 98 Resp: 654199
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 47.93 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.003 min
Lab File: VN066797.D
Acq: 27 Apr 2021 21:36

Tgt Ion: 95 Resp: 209553
Ion Ratio Lower Upper
95 100
174 83.0 0.0 169.0
176 80.8 0.0 162.4

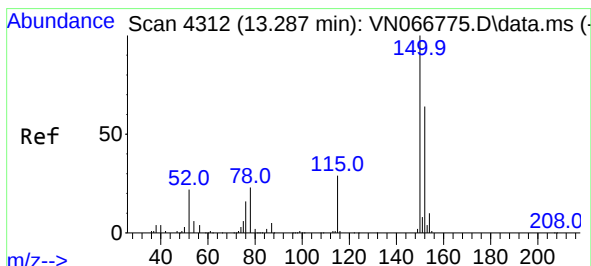
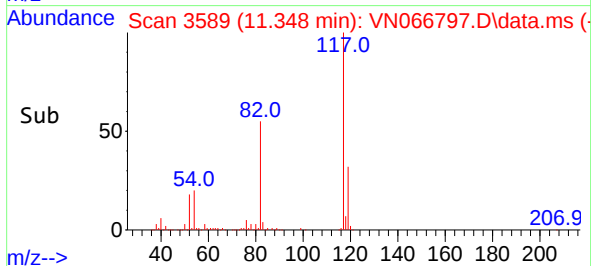
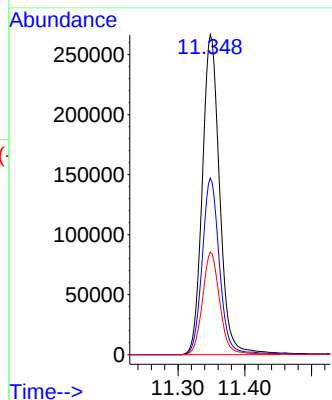
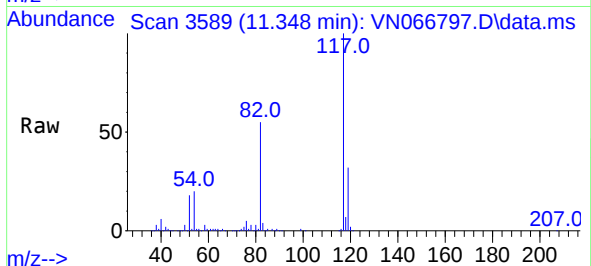




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. 0.000 min
Lab File: VN066797.D
Acq: 27 Apr 2021 21:36

Instrument :
MSVOA_N
ClientSampleId :
BN-1

Tgt Ion:117 Resp: 482524
Ion Ratio Lower Upper
117 100
82 55.2 43.7 65.5
119 32.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.287 min Scan# 4312
Delta R.T. 0.000 min
Lab File: VN066797.D
Acq: 27 Apr 2021 21:36

Tgt Ion:152 Resp: 210393
Ion Ratio Lower Upper
152 100
115 57.1 28.5 85.6
150 160.2 0.0 347.6

