

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080557.D
 Acq On : 20 Dec 2023 19:16
 Operator : JC\MD
 Sample : 05896-02
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 525

Quant Time: Dec 21 02:50:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

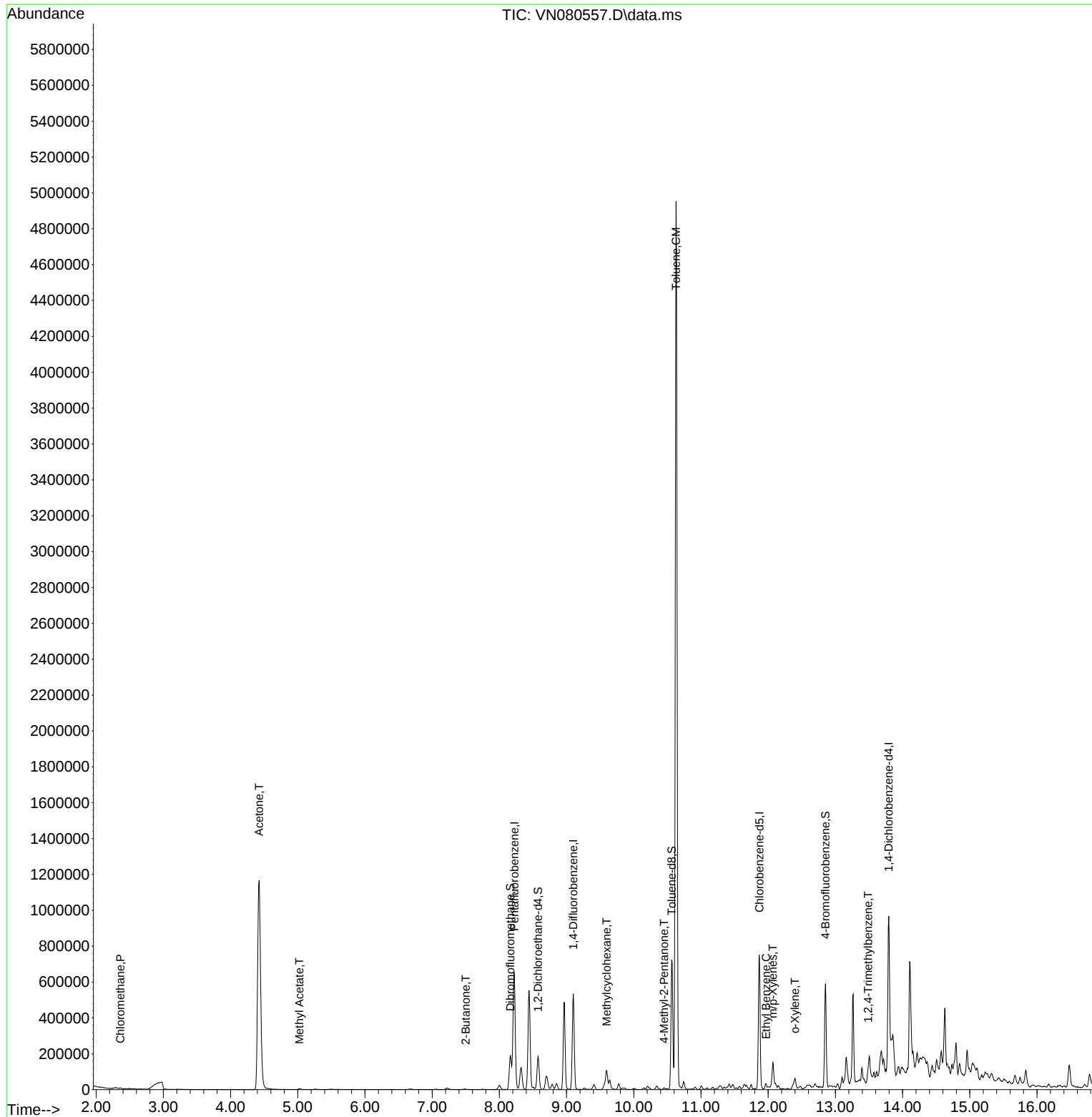
Internal Standards						
1) Pentafluorobenzene	8.224	168	237175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	454667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	439520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	227685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160971	53.139	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.280%	
35) Dibromofluoromethane	8.165	113	133004	46.138	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.280%	
50) Toluene-d8	10.565	98	504328	46.909	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.820%	
62) 4-Bromofluorobenzene	12.853	95	209658	51.355	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.700%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	5144	1.231	ug/l	100
16) Acetone	4.424	43	2269235	4224.791	ug/l	100
18) Methyl Acetate	5.024	43	9664	2.796	ug/l #	86
25) 2-Butanone	7.500	43	3979	3.845	ug/l #	69
39) Methylcyclohexane	9.594	83	37625	7.684	ug/l #	84
51) 4-Methyl-2-Pentanone	10.453	43	5610	1.919	ug/l	93
52) Toluene	10.629	92	2276566	264.763	ug/l	99
67) Ethyl Benzene	11.970	91	19219	1.069	ug/l #	87
68) m/p-Xylenes	12.070	106	31121	4.685	ug/l	89
69) o-Xylene	12.400	106	13539	2.084	ug/l	87
84) 1,2,4-Trimethylbenzene	13.488	105	42107	2.687	ug/l	99

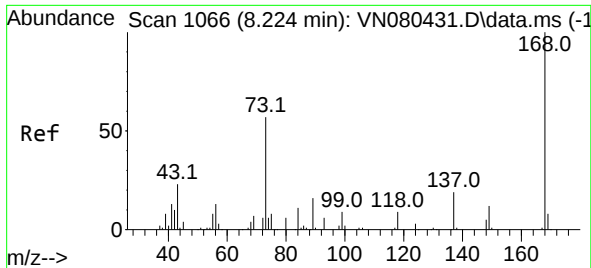
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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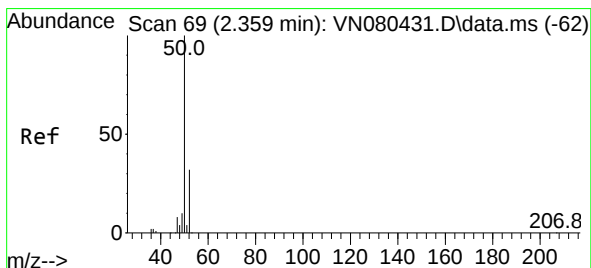
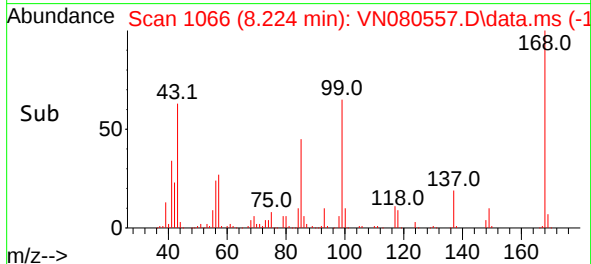
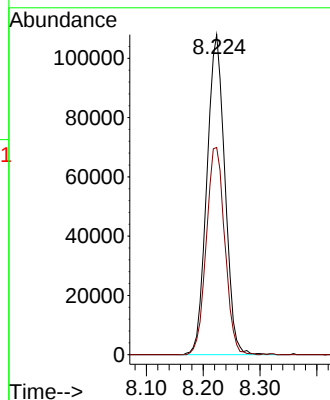
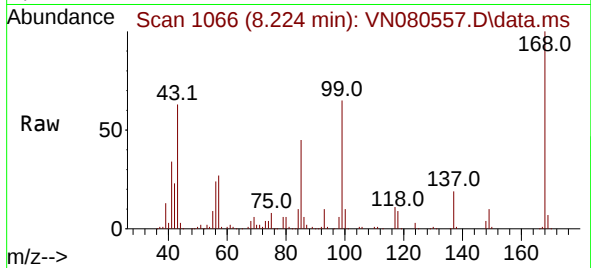




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

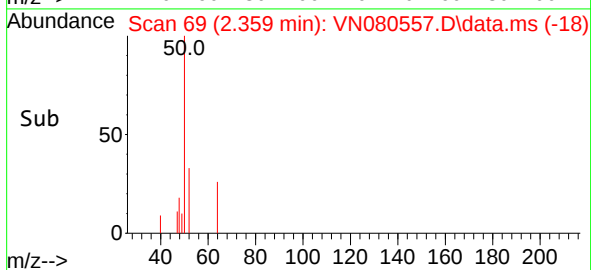
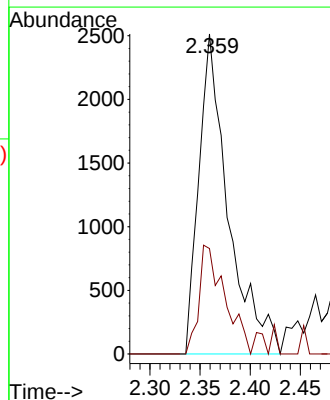
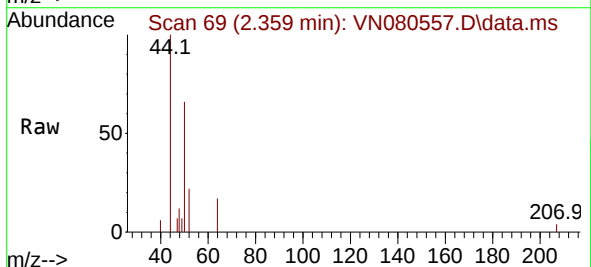
Instrument :
MSVOA_N
ClientSampleId :
525

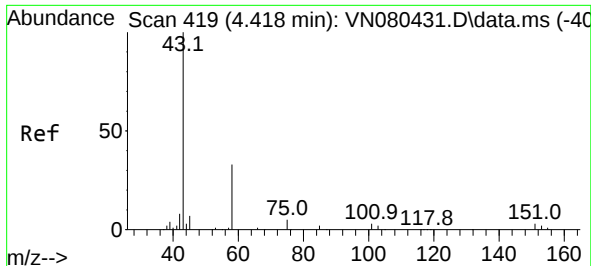
Tgt Ion:168 Resp: 237175
Ion Ratio Lower Upper
168 100
99 64.7 53.0 79.6



#3
Chloromethane
Concen: 1.231 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Tgt Ion: 50 Resp: 5144
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7

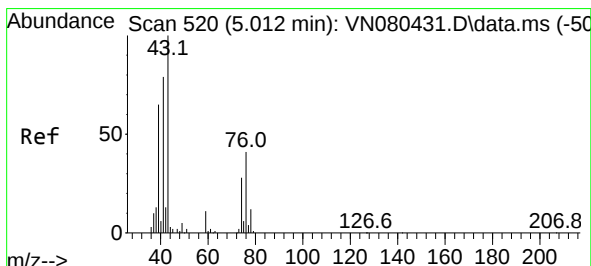
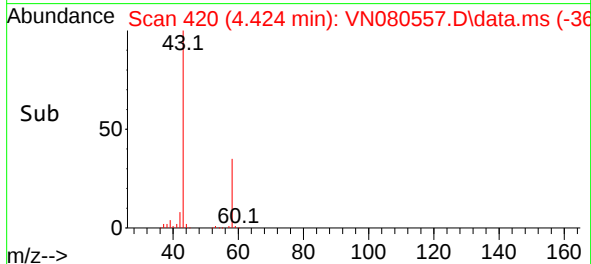
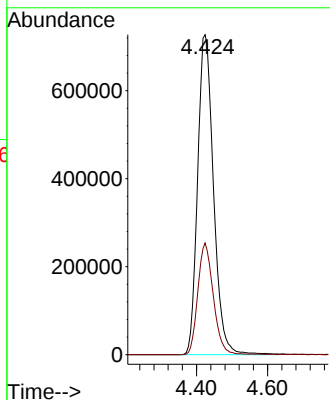
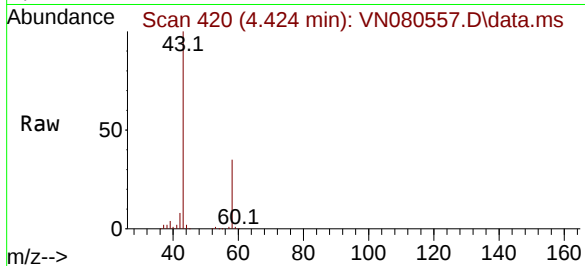




#16
Acetone
Concen: 4224.791 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

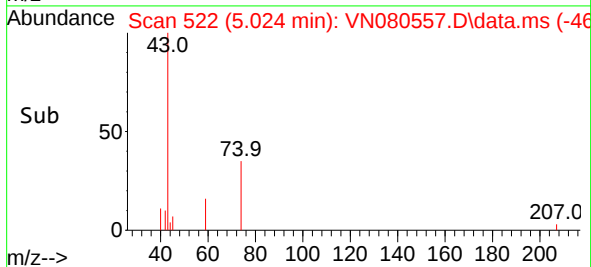
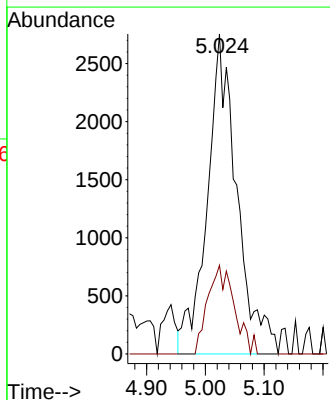
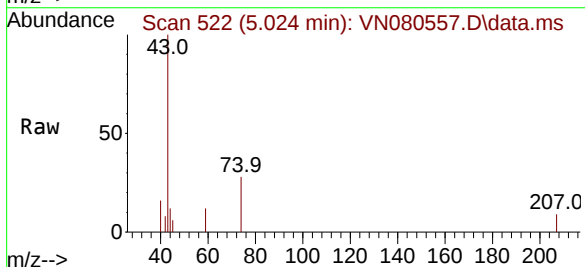
Instrument :
MSVOA_N
ClientSampleId :
525

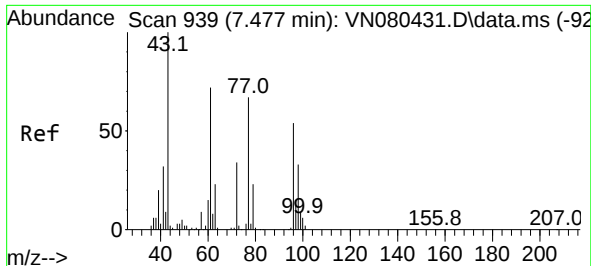
Tgt Ion: 43 Resp: 2269235
Ion Ratio Lower Upper
43 100
58 34.9 28.0 42.0



#18
Methyl Acetate
Concen: 2.796 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Tgt Ion: 43 Resp: 9664
Ion Ratio Lower Upper
43 100
74 24.8 26.2 39.4#

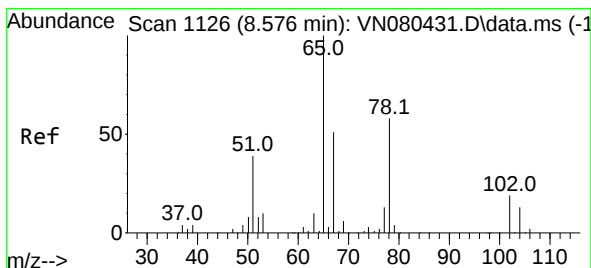
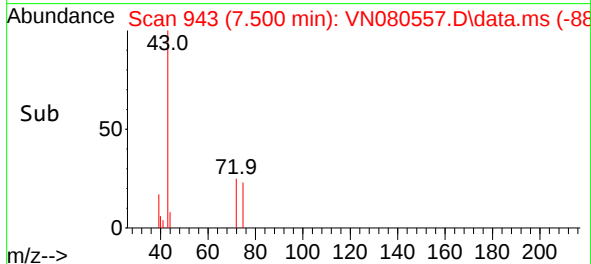
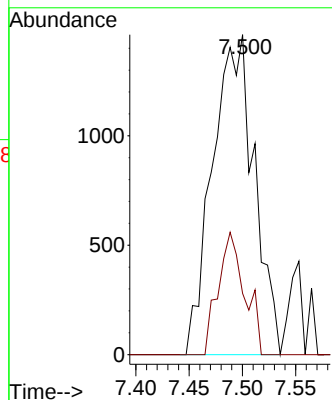
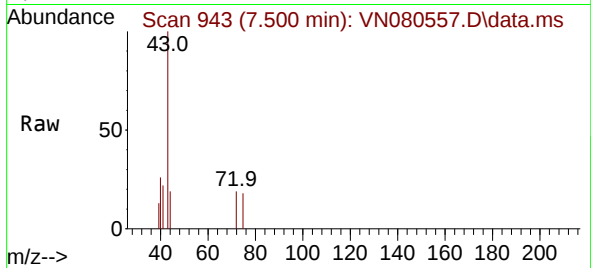




#25
2-Butanone
Concen: 3.845 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.024 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

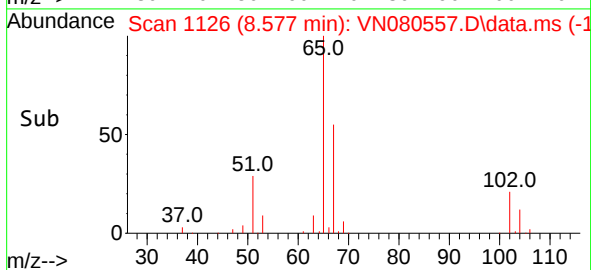
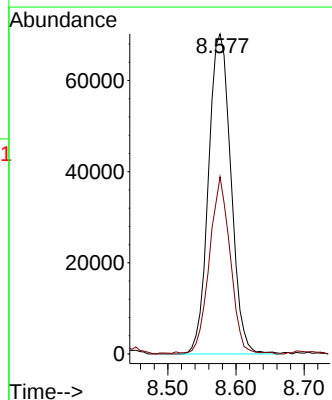
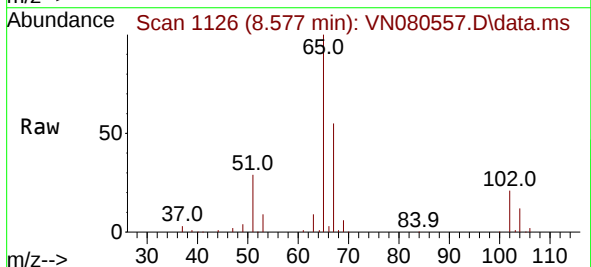
Instrument :
MSVOA_N
ClientSampleId :
525

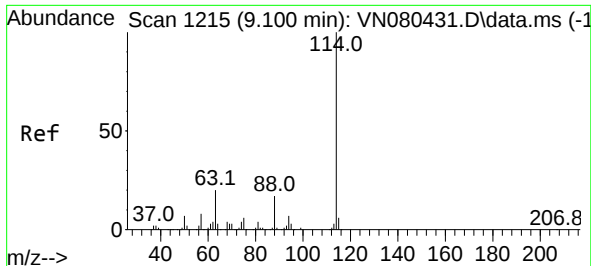
Tgt Ion: 43 Resp: 3979
Ion Ratio Lower Upper
43 100
72 19.2 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 53.139 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Tgt Ion: 65 Resp: 160971
Ion Ratio Lower Upper
65 100
67 50.2 0.0 106.6

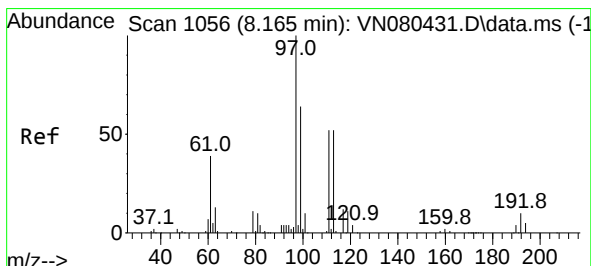
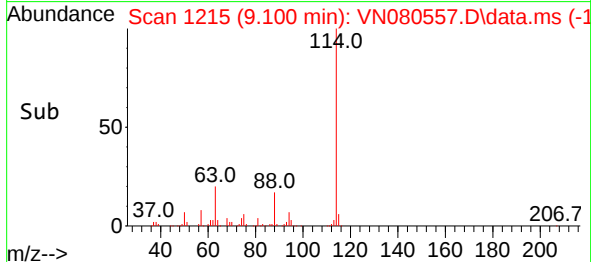
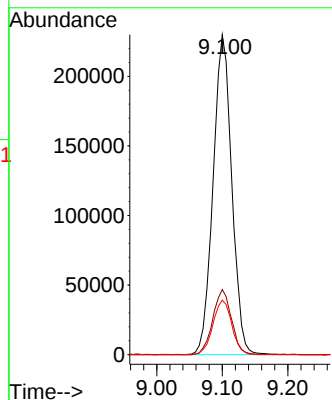
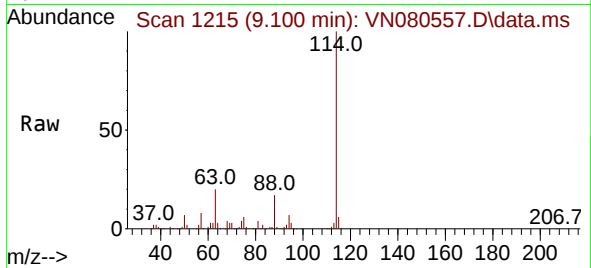




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

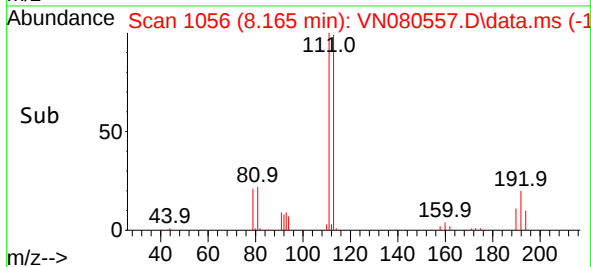
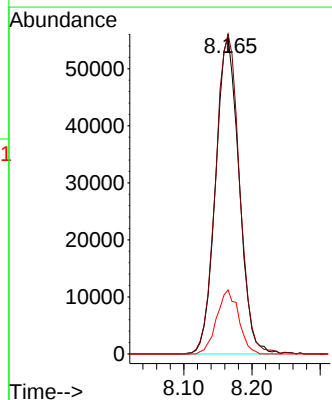
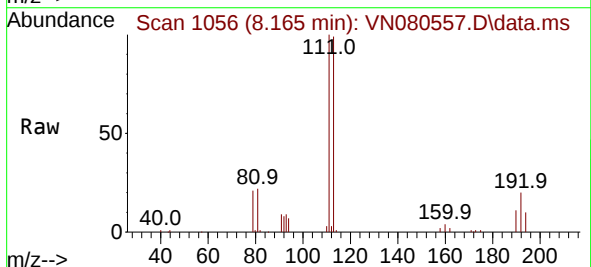
Instrument :
MSVOA_N
ClientSampleId :
525

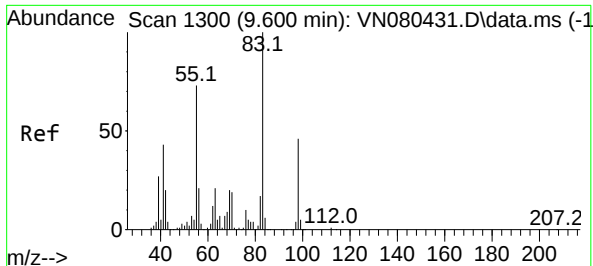
Tgt Ion:114 Resp: 454667
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.4
88 17.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.138 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Tgt Ion:113 Resp: 133004
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 18.9 12.7 19.1





#39

Methylcyclohexane

Concen: 7.684 ug/l

RT: 9.594 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080557.D

Acq: 20 Dec 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

525

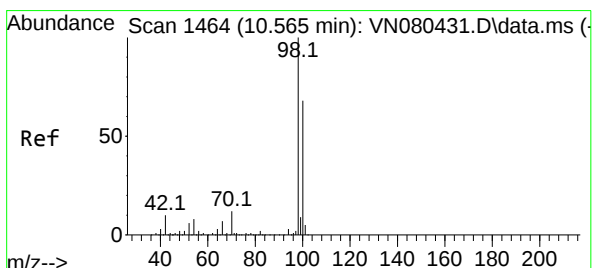
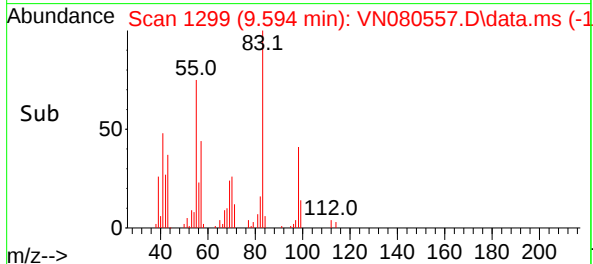
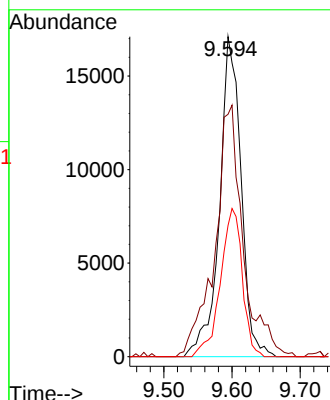
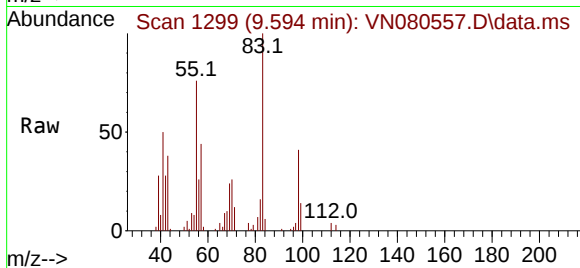
Tgt Ion: 83 Resp: 37625

Ion Ratio Lower Upper

83 100

55 74.6 49.1 73.7#

98 41.0 40.6 61.0



#50

Toluene-d8

Concen: 46.909 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080557.D

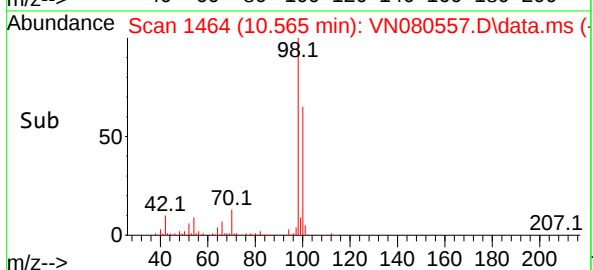
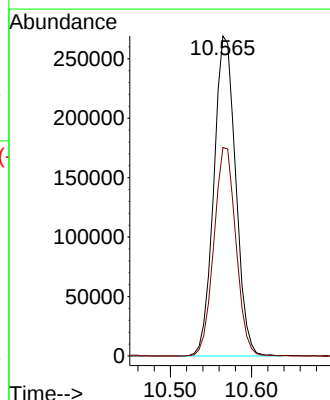
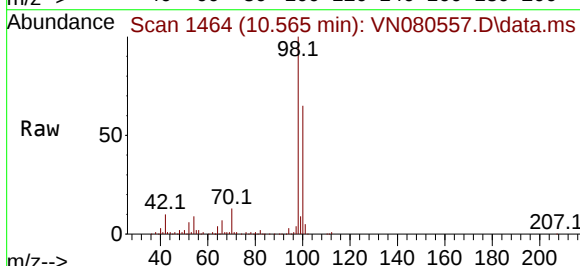
Acq: 20 Dec 2023 19:16

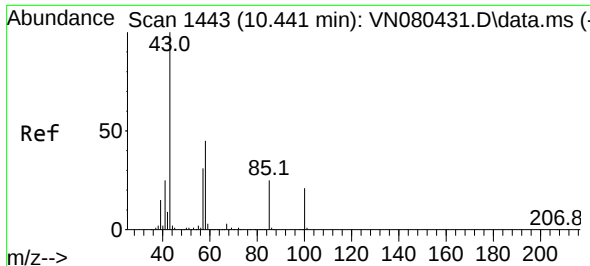
Tgt Ion: 98 Resp: 504328

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

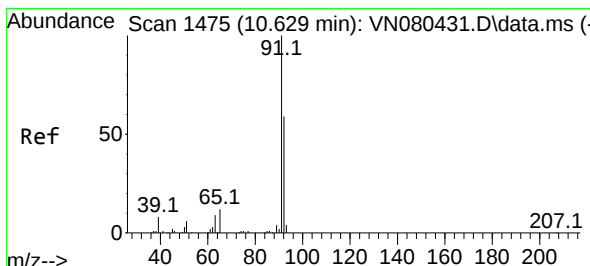
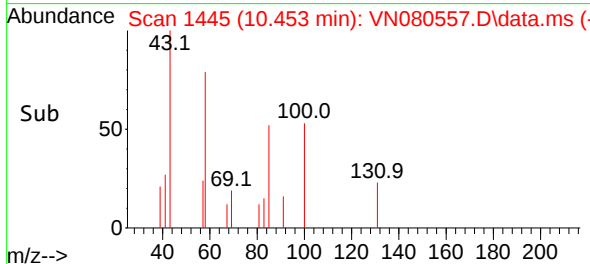
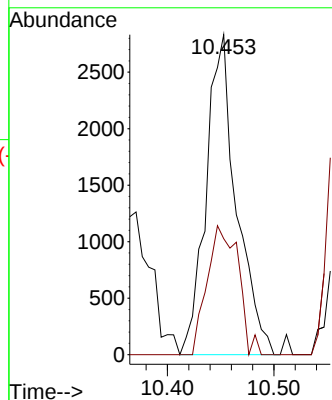
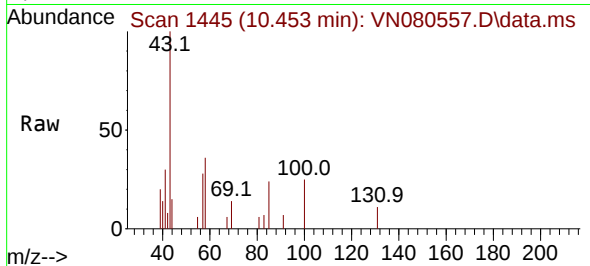




#51
4-Methyl-2-Pentanone
Concen: 1.919 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.012 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

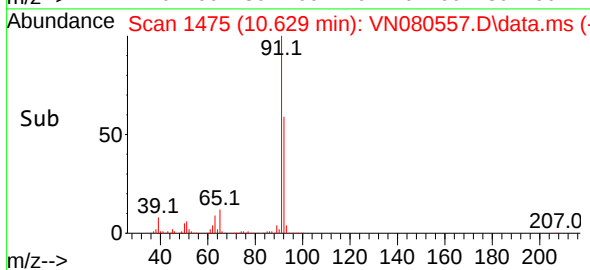
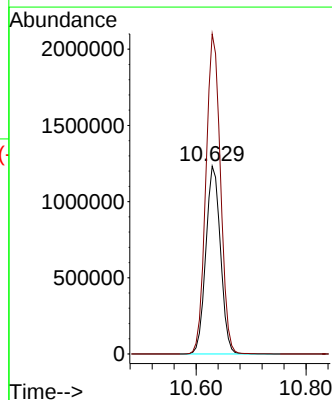
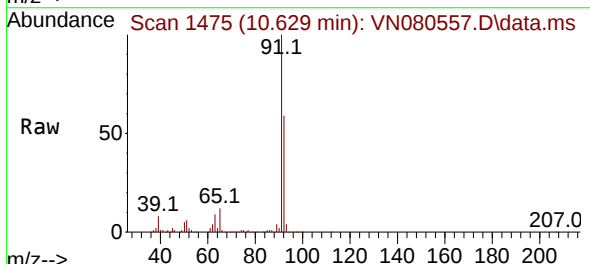
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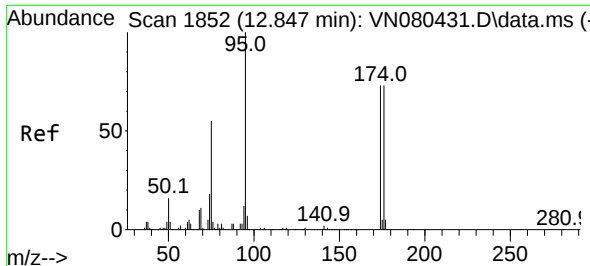
Tgt Ion: 43 Resp: 5610
Ion Ratio Lower Upper
43 100
58 41.3 36.6 54.8



#52
Toluene
Concen: 264.763 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Tgt Ion: 92 Resp: 2276566
Ion Ratio Lower Upper
92 100
91 169.6 137.4 206.0

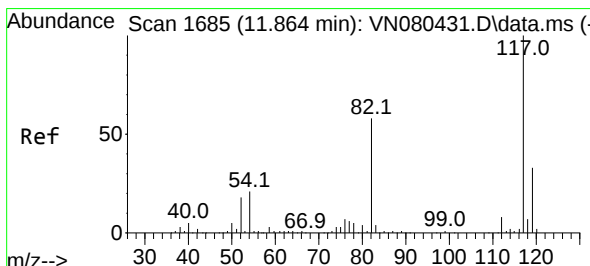
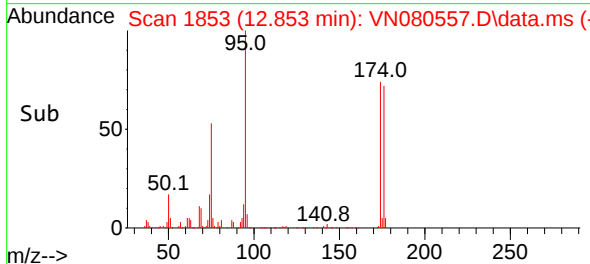
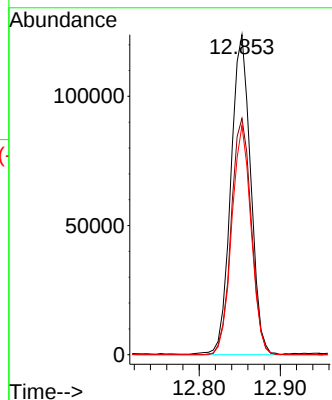
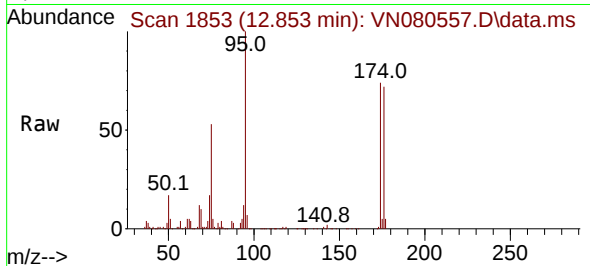




#62
4-Bromofluorobenzene
Concen: 51.355 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

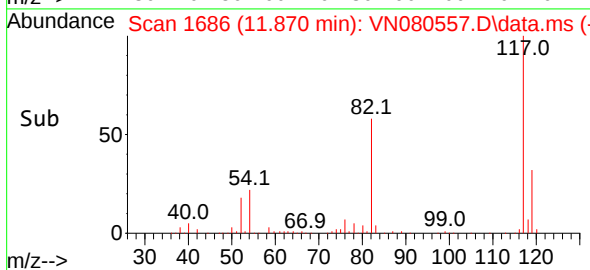
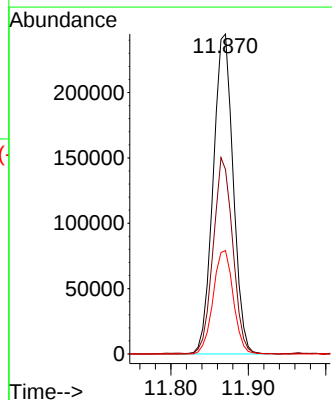
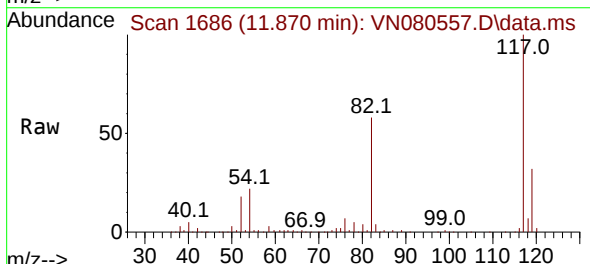
Instrument :
MSVOA_N
ClientSampleId :
525

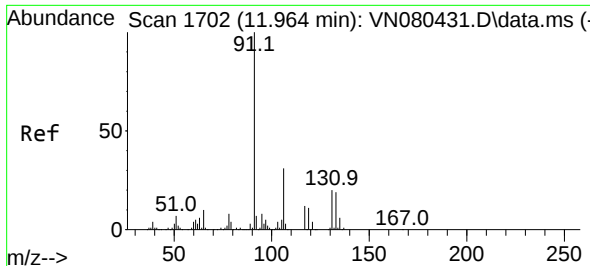
Tgt Ion: 95 Resp: 209658
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 70.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Tgt Ion: 117 Resp: 439520
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 32.3 25.6 38.4

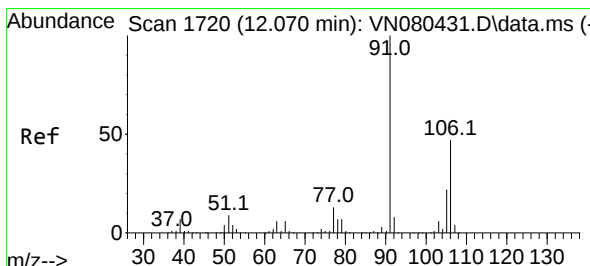
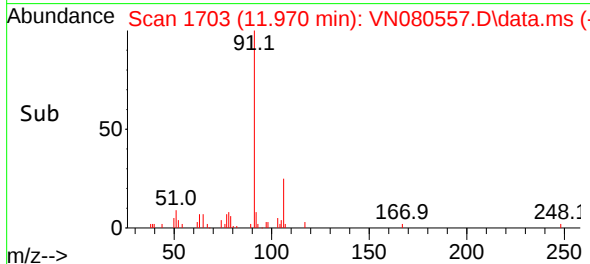
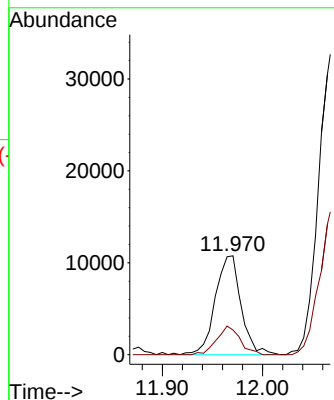
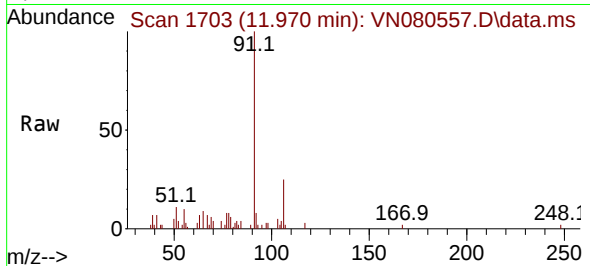




#67
Ethyl Benzene
Concen: 1.069 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

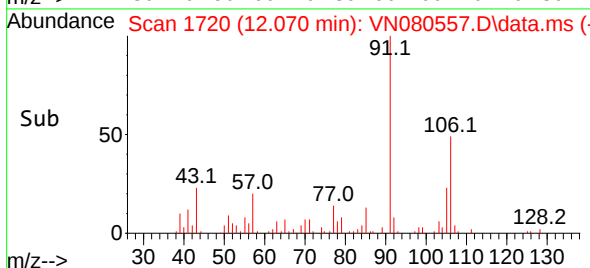
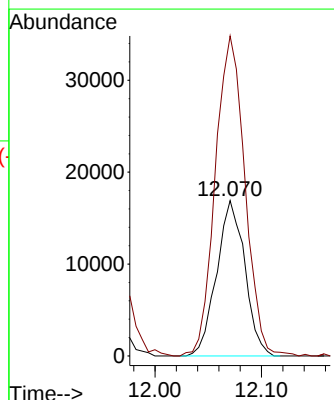
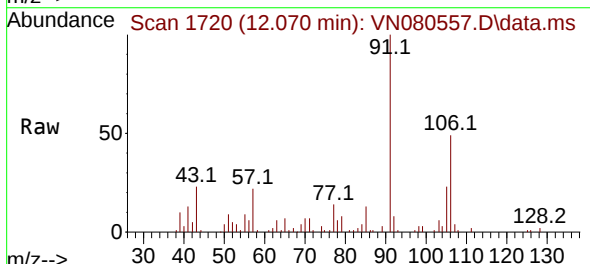
Instrument :
MSVOA_N
ClientSampleId :
525

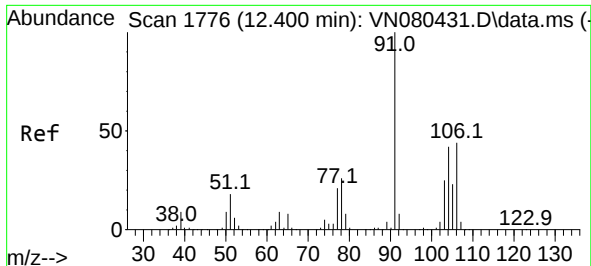
Tgt Ion: 91 Resp: 19219
Ion Ratio Lower Upper
91 100
106 24.9 25.6 38.4#



#68
m/p-Xylenes
Concen: 4.685 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Tgt Ion: 106 Resp: 31121
Ion Ratio Lower Upper
106 100
91 216.4 159.6 239.4

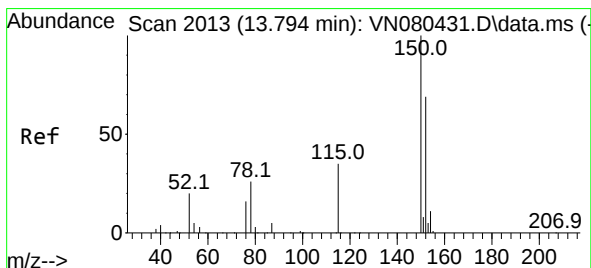
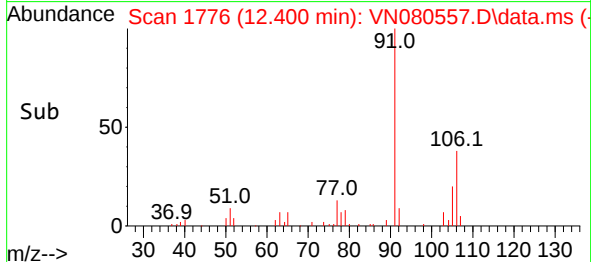
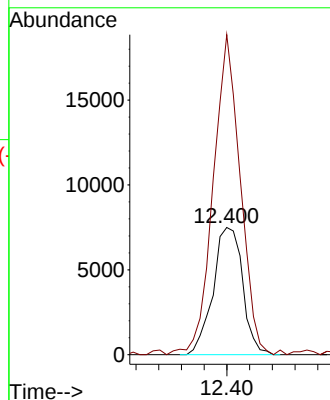
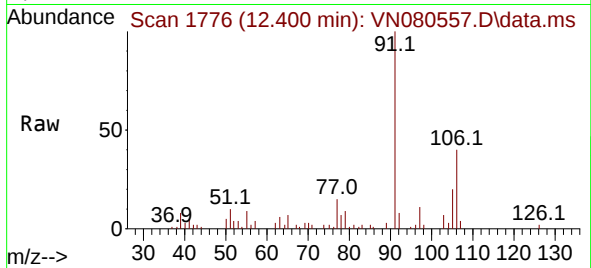




#69
o-Xylene
Concen: 2.084 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

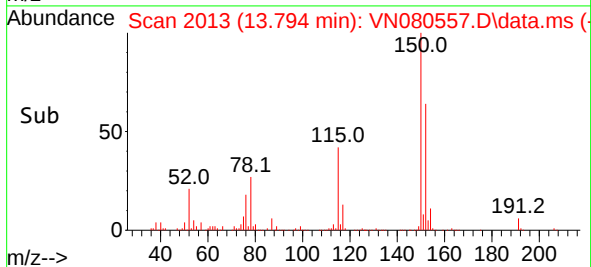
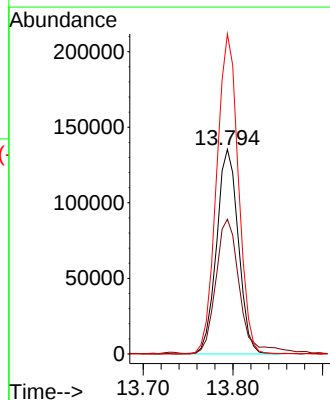
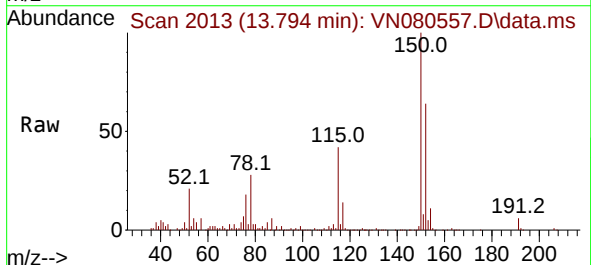
Instrument :
MSVOA_N
ClientSampleId :
525

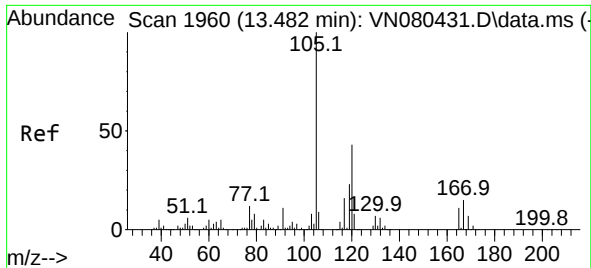
Tgt Ion:106 Resp: 13539
Ion Ratio Lower Upper
106 100
91 230.0 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Tgt Ion:152 Resp: 227685
Ion Ratio Lower Upper
152 100
115 72.9 32.3 96.8
150 156.6 0.0 355.8





#84
1,2,4-Trimethylbenzene
Concen: 2.687 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Instrument :
MSVOA_N
ClientSampleId :
525

Tgt Ion:105 Resp: 42107
Ion Ratio Lower Upper
105 100
120 43.5 22.0 66.0

