

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080573.D
 Acq On : 21 Dec 2023 15:04
 Operator : JC\MD
 Sample : 05896-01DL 40X
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1104DL

Quant Time: Dec 22 04:00:42 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)

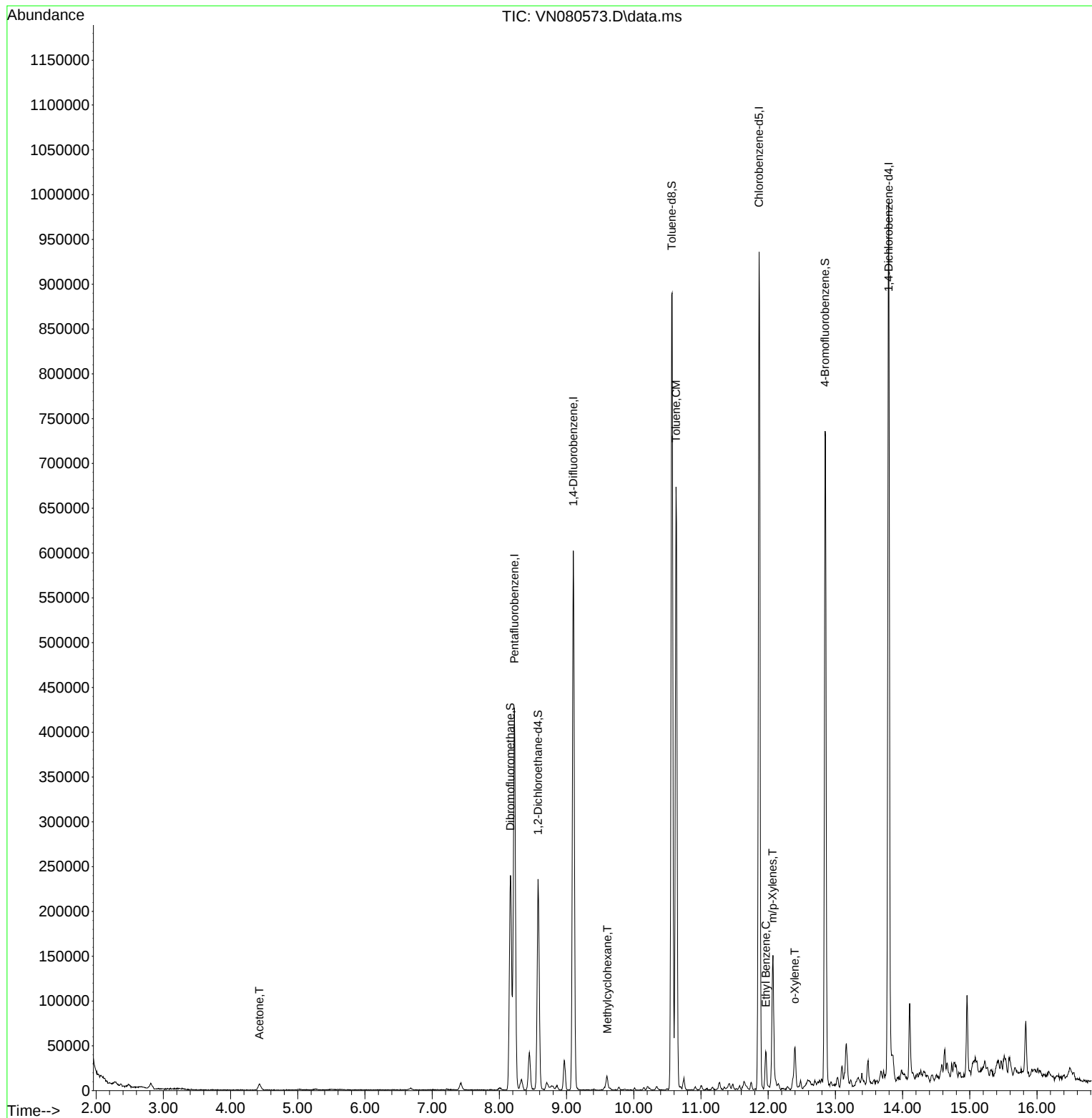
Internal Standards						
1) Pentafluorobenzene	8.224	168	280308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	516296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	551140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	270601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	195636	54.644	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.280%		
35) Dibromofluoromethane	8.165	113	174220	53.221	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.440%		
50) Toluene-d8	10.565	98	639749	52.402	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.800%		
62) 4-Bromofluorobenzene	12.847	95	274160	59.138	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 118.280%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	12502	19.694	ug/l	99
39) Methylcyclohexane	9.606	83	6405	1.152	ug/l	92
52) Toluene	10.629	92	303525	31.086	ug/l	99
67) Ethyl Benzene	11.965	91	29663	1.316	ug/l	93
68) m/p-Xylenes	12.065	106	40278	4.835	ug/l	92
69) o-Xylene	12.394	106	11935	1.465	ug/l	91

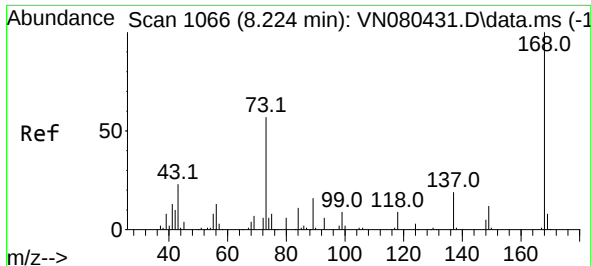
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration

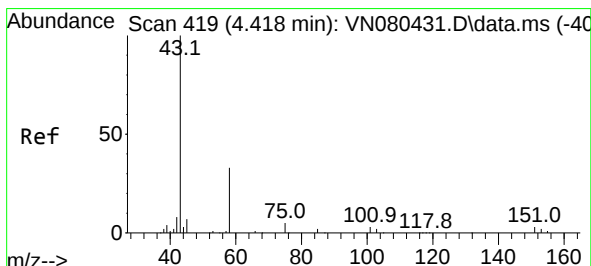
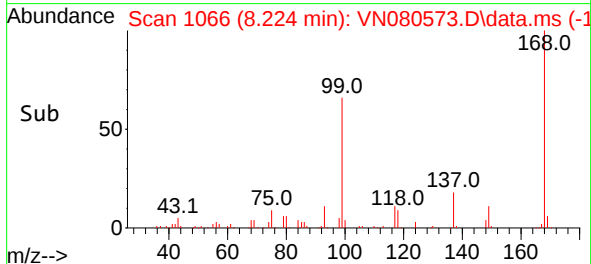
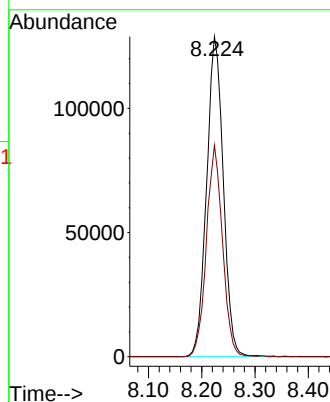
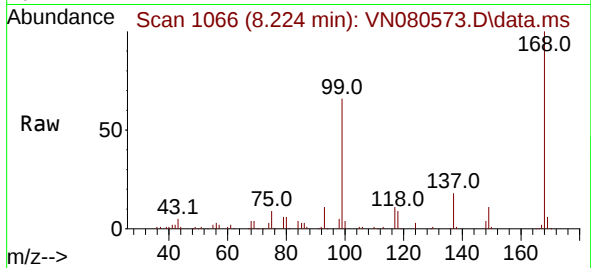




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN080573.D
Acq: 21 Dec 2023 15:04

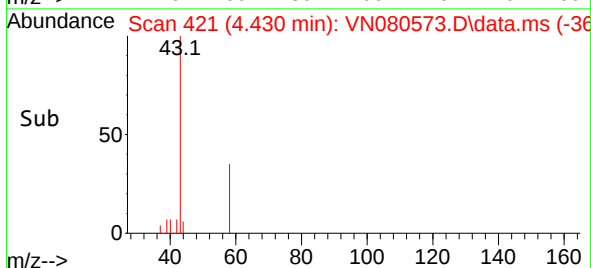
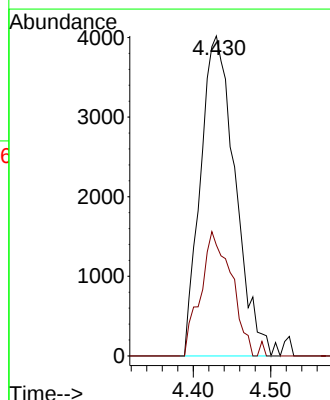
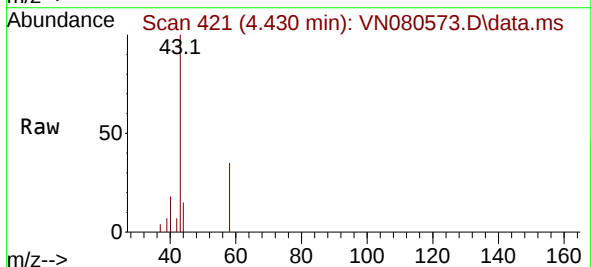
Instrument :
MSVOA_N
ClientSampleId :
1104DL

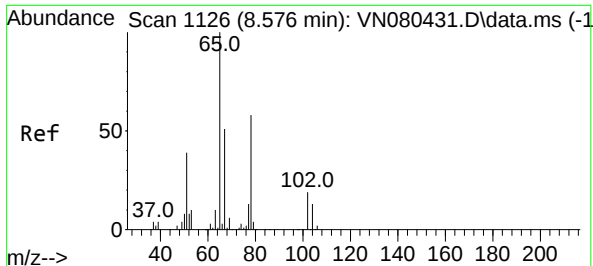
Tgt Ion:168 Resp: 280308
Ion Ratio Lower Upper
168 100
99 66.1 53.0 79.6



#16
Acetone
Concen: 19.694 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN080573.D
Acq: 21 Dec 2023 15:04

Tgt Ion: 43 Resp: 12502
Ion Ratio Lower Upper
43 100
58 34.6 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 54.644 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080573.D

Acq: 21 Dec 2023 15:04

Instrument :

MSVOA_N

ClientSampleId :

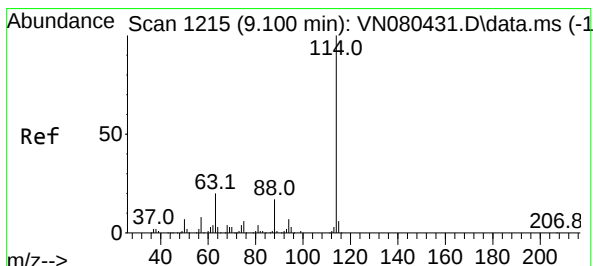
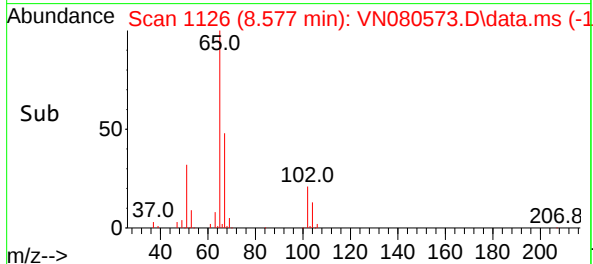
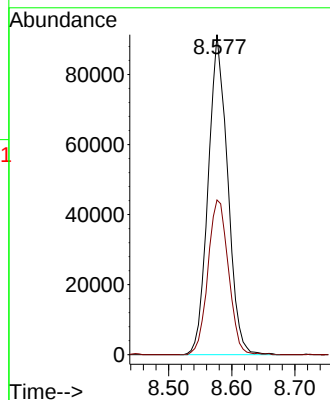
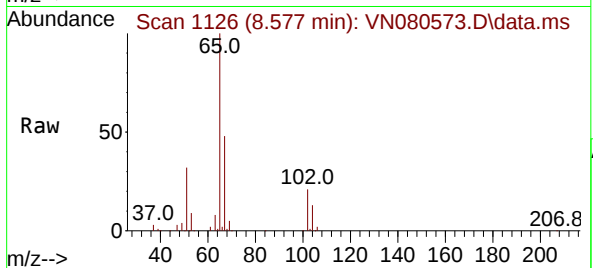
1104DL

Tgt Ion: 65 Resp: 195636

Ion Ratio Lower Upper

65 100

67 51.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080573.D

Acq: 21 Dec 2023 15:04

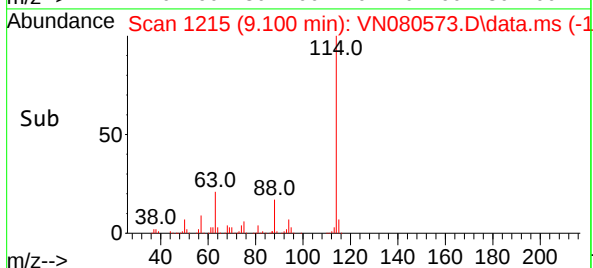
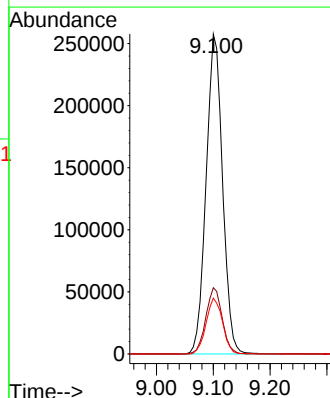
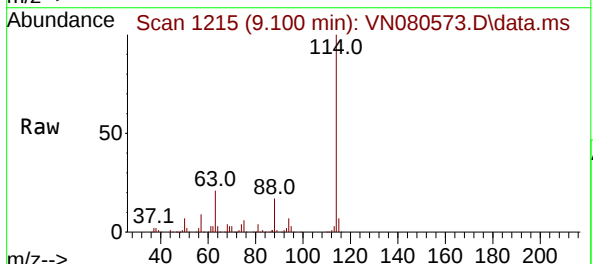
Tgt Ion: 114 Resp: 516296

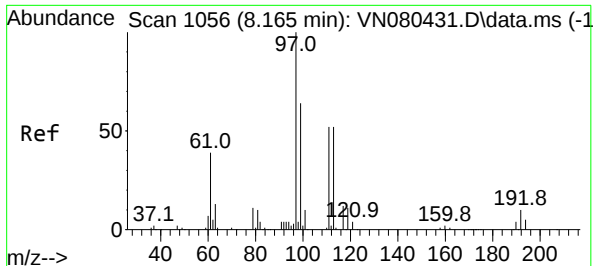
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 17.5 0.0 30.6

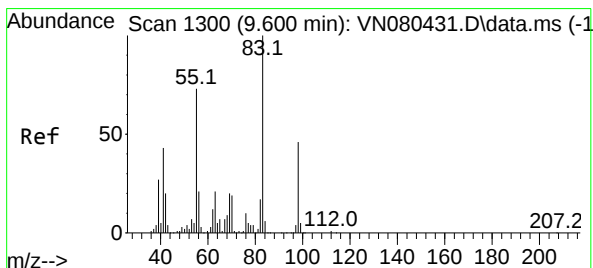
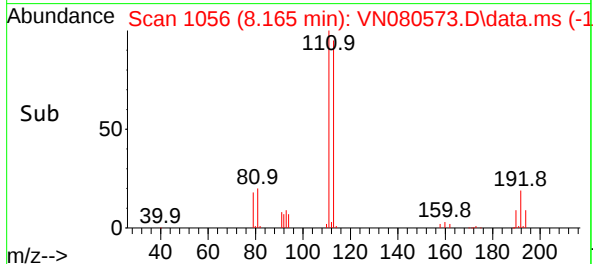
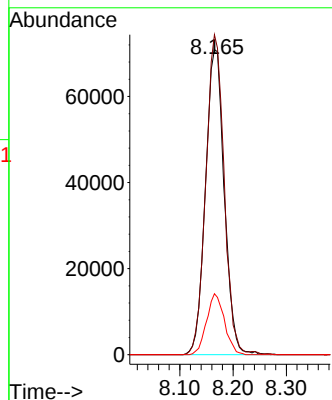
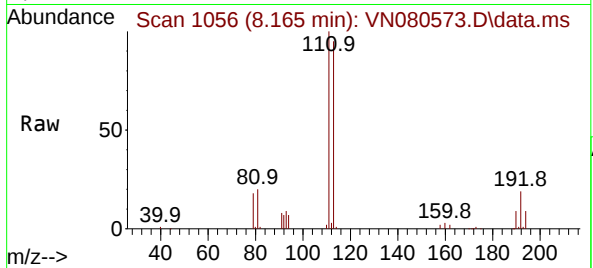




#35
Dibromofluoromethane
Concen: 53.221 ug/l
RT: 8.165 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VN080573.D
Acq: 21 Dec 2023 15:04

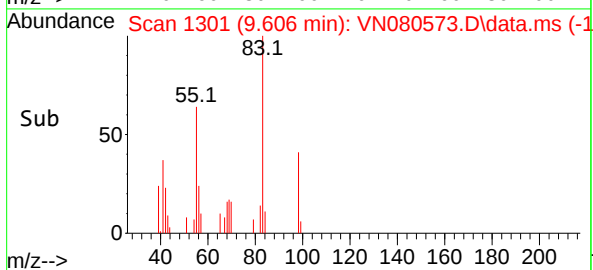
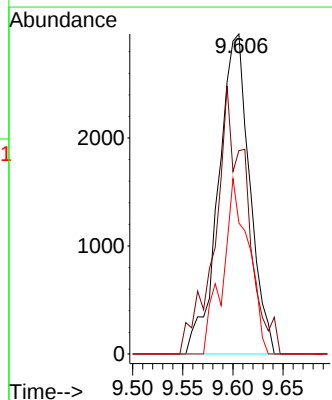
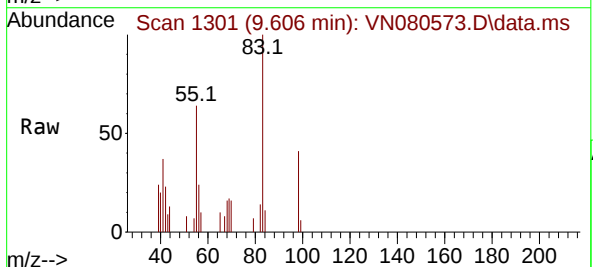
Instrument :
MSVOA_N
ClientSampleId :
1104DL

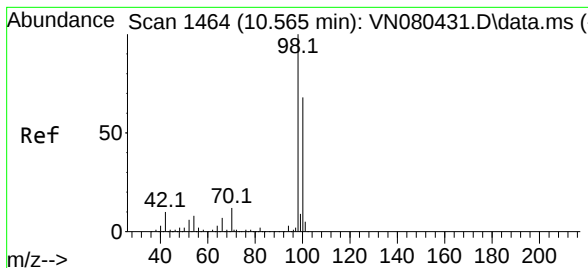
Tgt Ion:113 Resp: 174220
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 19.0 12.7 19.1



#39
Methylcyclohexane
Concen: 1.152 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN080573.D
Acq: 21 Dec 2023 15:04

Tgt Ion: 83 Resp: 6405
Ion Ratio Lower Upper
83 100
55 63.5 49.1 73.7
98 40.9 40.6 61.0

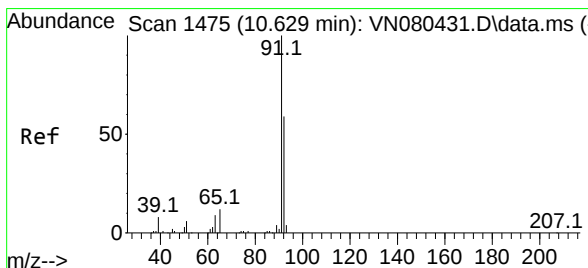
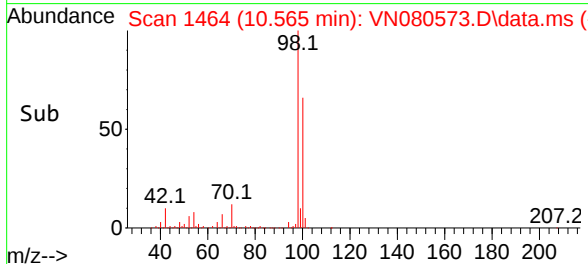
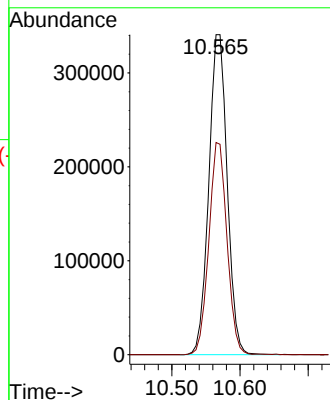
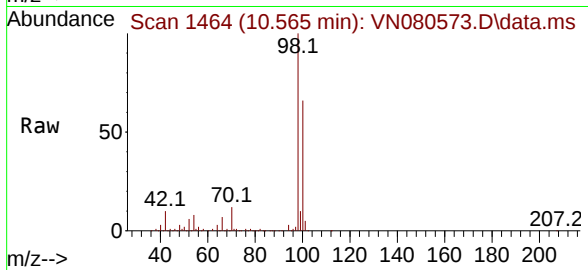




#50
Toluene-d8
Concen: 52.402 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080573.D
Acq: 21 Dec 2023 15:04

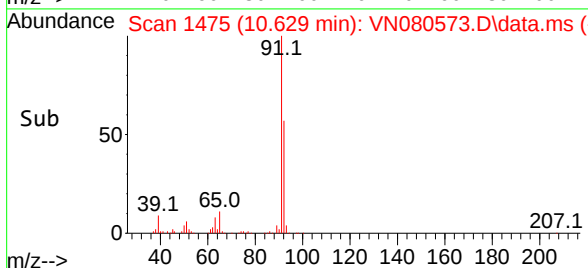
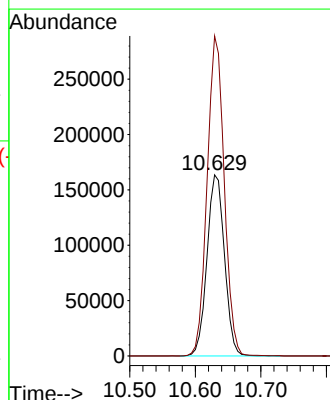
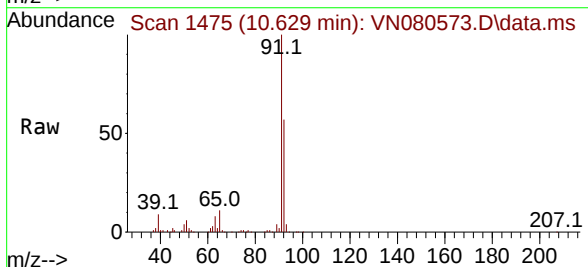
Instrument :
MSVOA_N
ClientSampleId :
1104DL

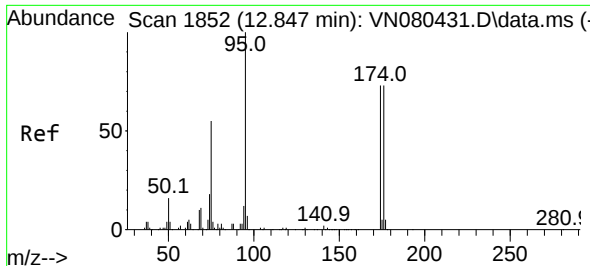
Tgt Ion: 98 Resp: 639749
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#52
Toluene
Concen: 31.086 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080573.D
Acq: 21 Dec 2023 15:04

Tgt Ion: 92 Resp: 303525
Ion Ratio Lower Upper
92 100
91 173.1 137.4 206.0

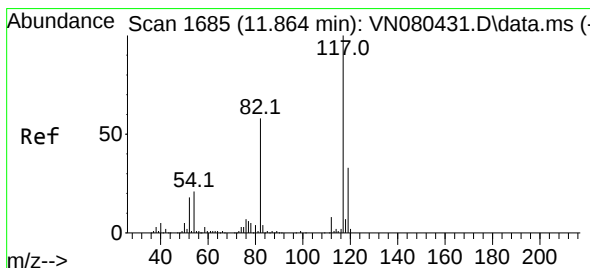
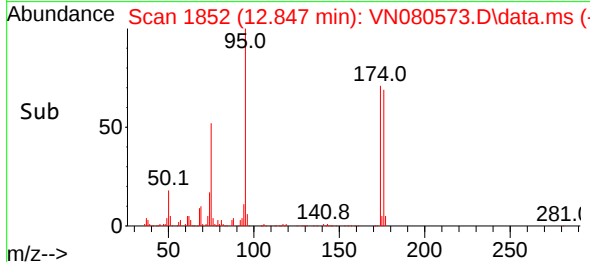
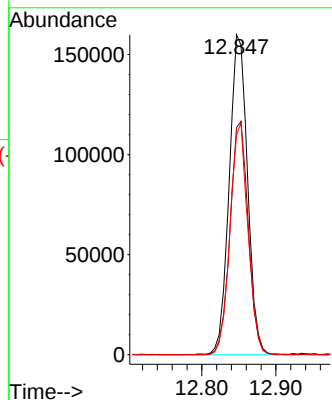
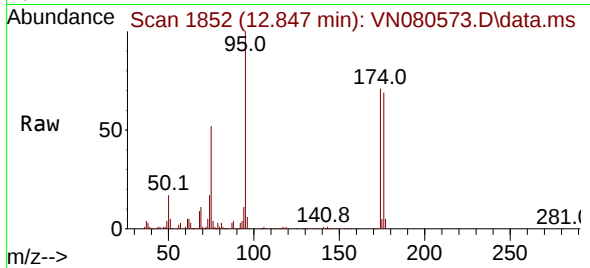




#62
4-Bromofluorobenzene
Concen: 59.138 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080573.D
Acq: 21 Dec 2023 15:04

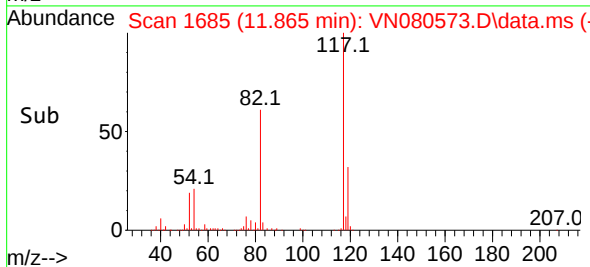
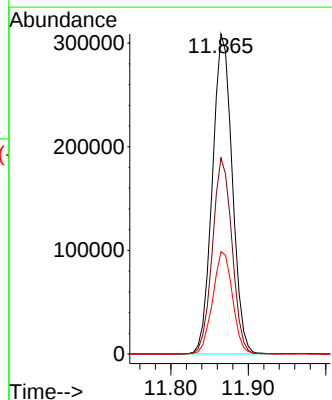
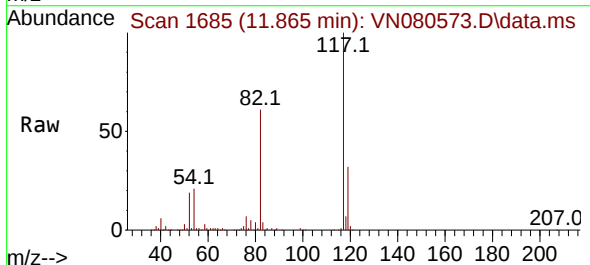
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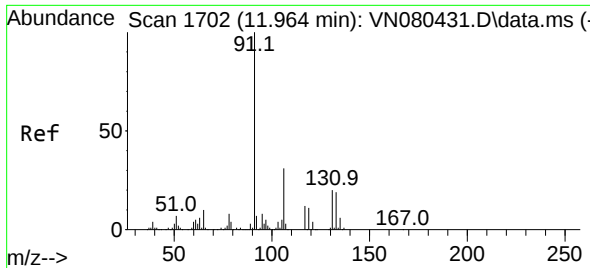
Tgt Ion: 95 Resp: 274160
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 70.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080573.D
Acq: 21 Dec 2023 15:04

Tgt Ion: 117 Resp: 551140
Ion Ratio Lower Upper
117 100
82 61.2 44.0 66.0
119 32.0 25.6 38.4

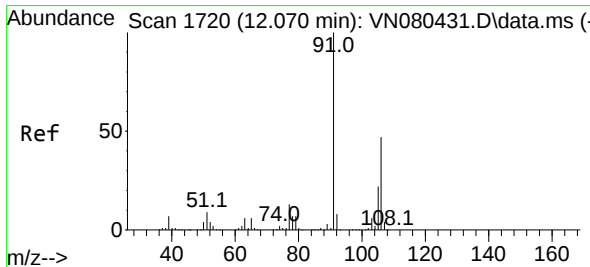
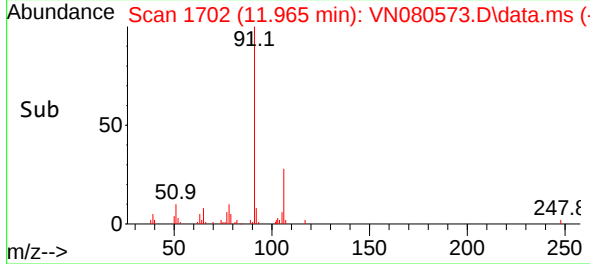
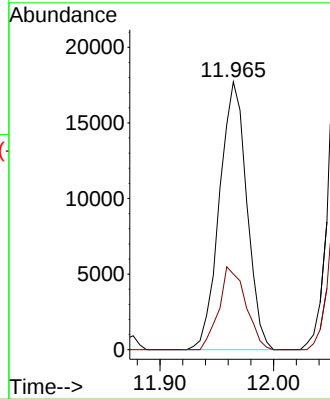
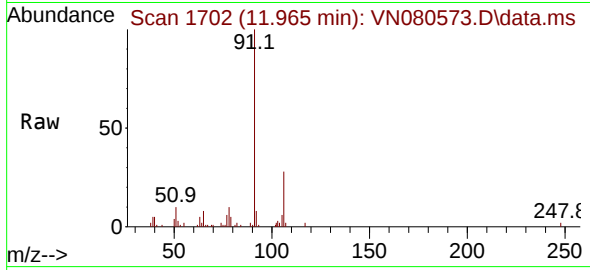




#67
Ethyl Benzene
Concen: 1.316 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN080573.D
Acq: 21 Dec 2023 15:04

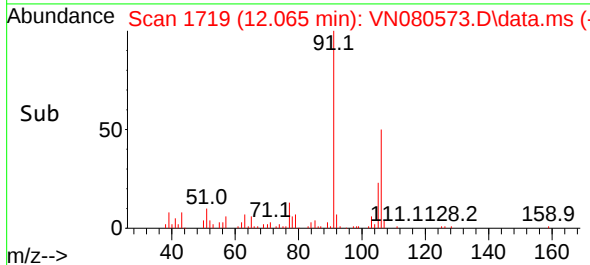
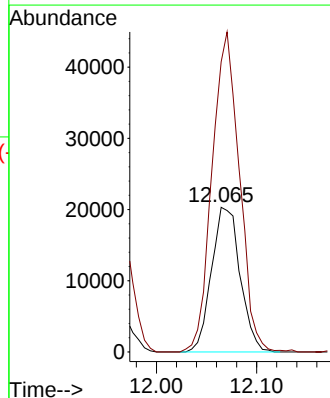
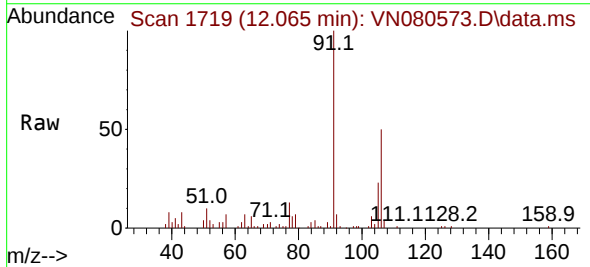
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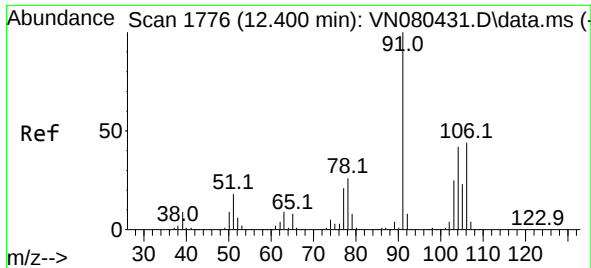
Tgt Ion: 91 Resp: 29663
Ion Ratio Lower Upper
91 100
106 28.2 25.6 38.4



#68
m/p-Xylenes
Concen: 4.835 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN080573.D
Acq: 21 Dec 2023 15:04

Tgt Ion: 106 Resp: 40278
Ion Ratio Lower Upper
106 100
91 211.8 159.6 239.4

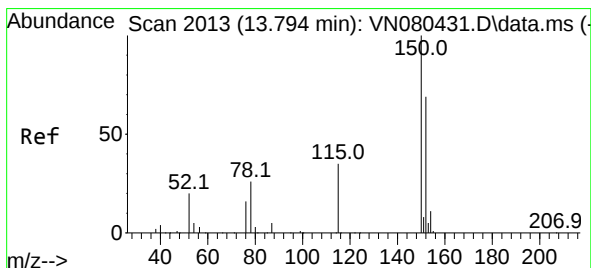
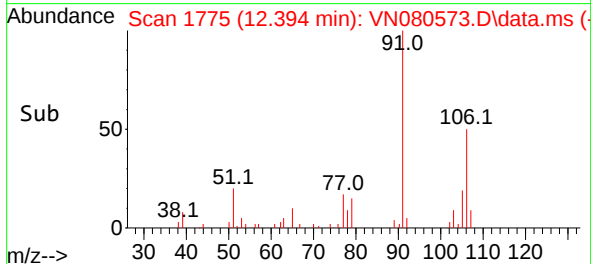
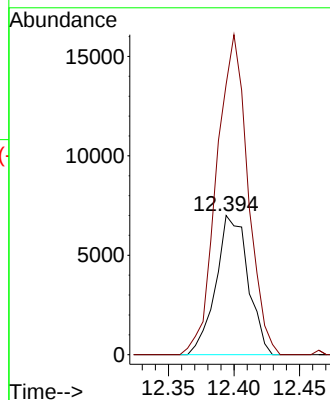
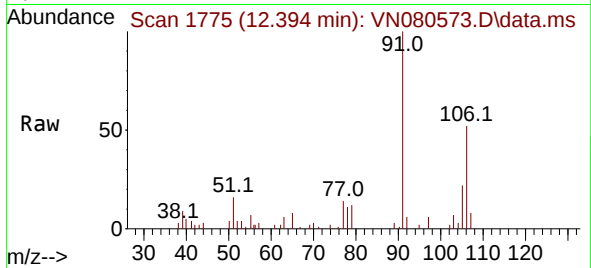




#69
o-Xylene
Concen: 1.465 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080573.D
Acq: 21 Dec 2023 15:04

Instrument :
MSVOA_N
ClientSampleId :
1104DL

Tgt Ion:106 Resp: 11935
Ion Ratio Lower Upper
106 100
91 224.2 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080573.D
Acq: 21 Dec 2023 15:04

Tgt Ion:152 Resp: 270601
Ion Ratio Lower Upper
152 100
115 63.8 32.3 96.8
150 155.6 0.0 355.8

