

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080277.D
 Acq On : 27 Nov 2023 16:00
 Operator : JC\MD
 Sample : 05546-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1145

Quant Time: Nov 28 02:09:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

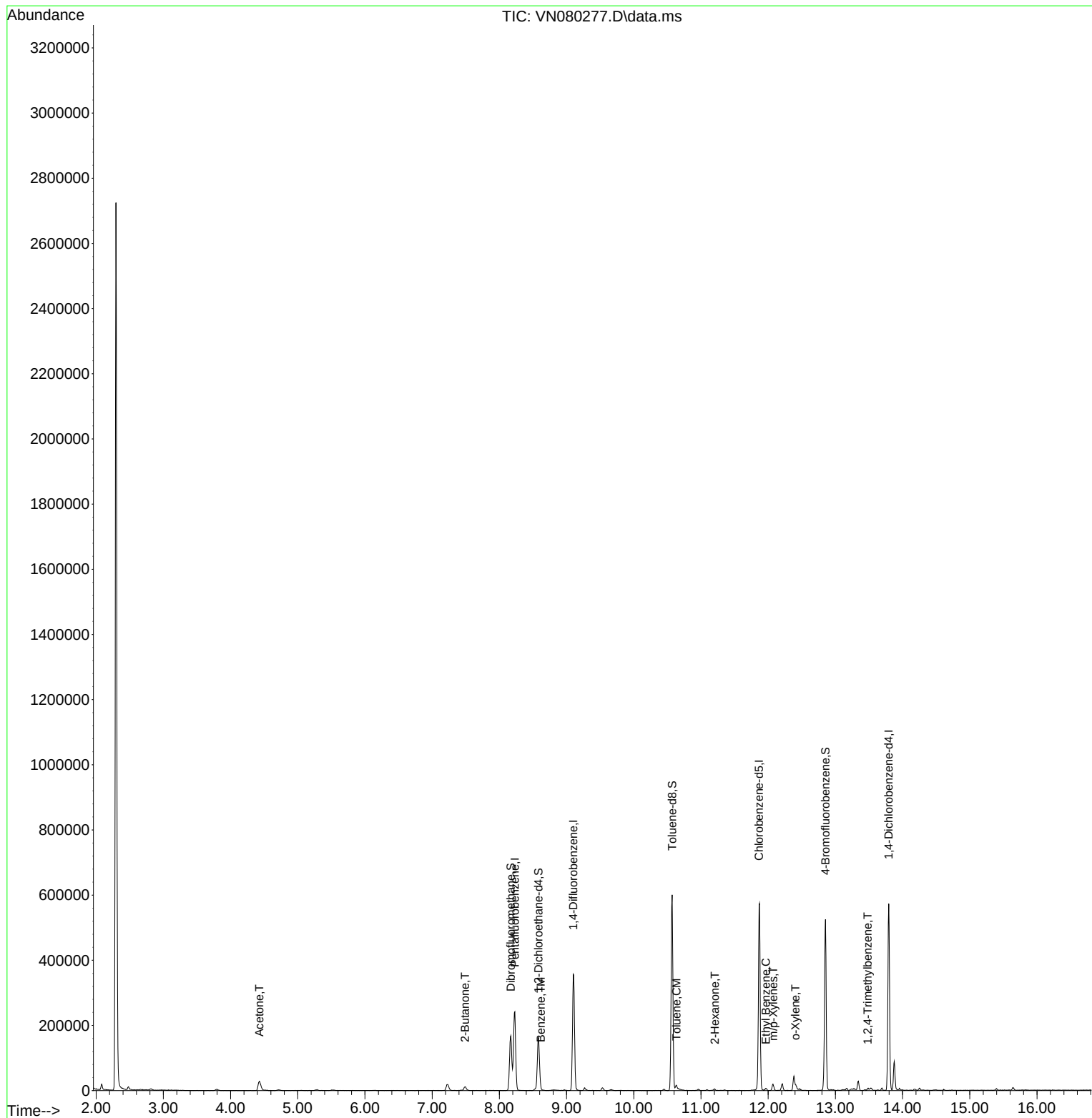
Internal Standards						
1) Pentafluorobenzene	8.229	168	169312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	147483	52.755	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.520%		
35) Dibromofluoromethane	8.171	113	117519	52.025	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.060%		
50) Toluene-d8	10.571	98	408642	50.184	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.360%		
62) 4-Bromofluorobenzene	12.853	95	175452	57.045	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 114.080%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	54597	58.145	ug/l	91
25) 2-Butanone	7.488	43	18553	16.630	ug/l	99
40) Benzene	8.618	78	4692	0.505	ug/l	100
52) Toluene	10.635	92	6155	1.058	ug/l	87
59) 2-Hexanone	11.206	43	3356	1.827	ug/l	85
67) Ethyl Benzene	11.965	91	4158	0.309	ug/l	96
68) m/p-Xylenes	12.076	106	5758	1.175	ug/l	78
69) o-Xylene	12.406	106	3352	0.726	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	3891	0.376	ug/l	89

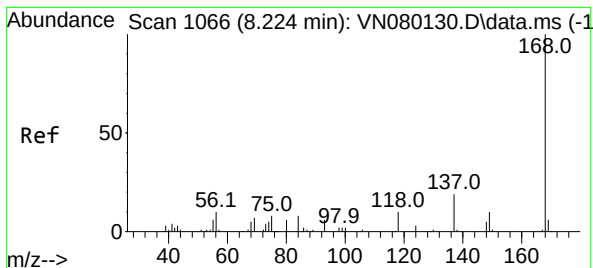
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

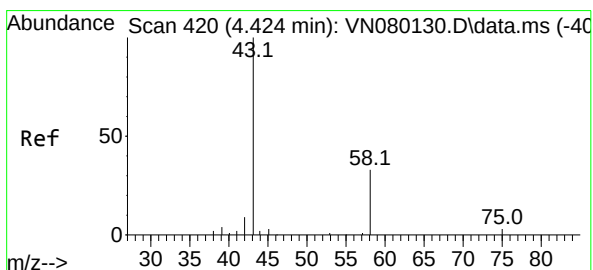
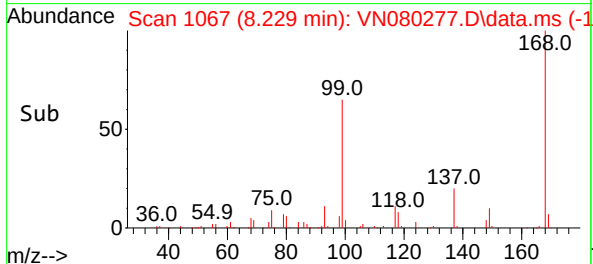
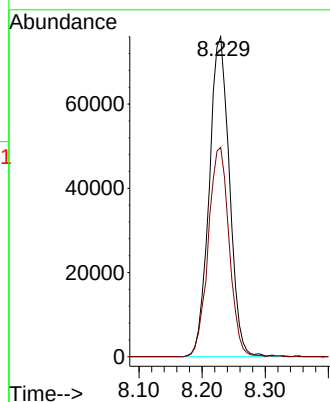
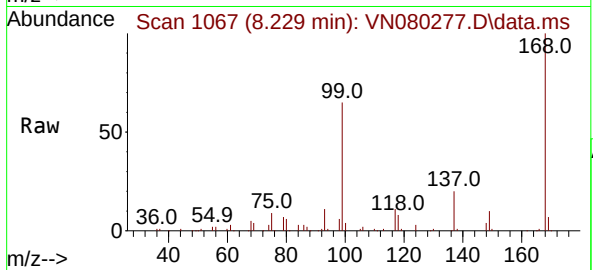




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN080277.D
Acq: 27 Nov 2023 16:00

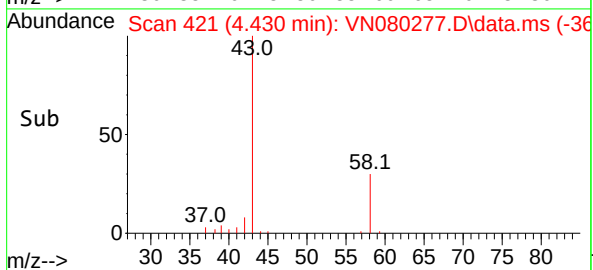
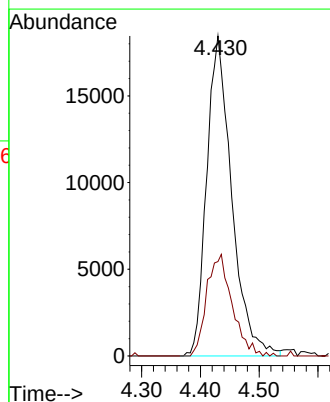
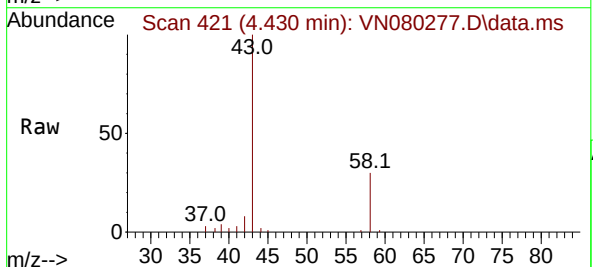
Instrument :
MSVOA_N
ClientSampleId :
1145

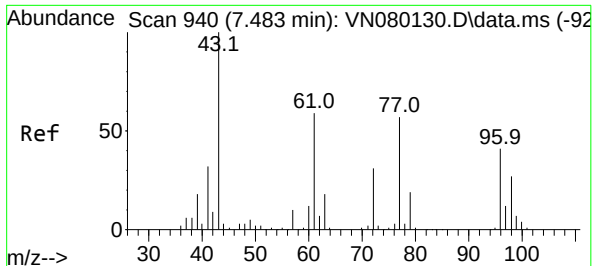
Tgt Ion:168 Resp: 169312
Ion Ratio Lower Upper
168 100
99 65.4 53.0 79.6



#16
Acetone
Concen: 58.145 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080277.D
Acq: 27 Nov 2023 16:00

Tgt Ion: 43 Resp: 54597
Ion Ratio Lower Upper
43 100
58 29.5 28.0 42.0





#25

2-Butanone

Concen: 16.630 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN080277.D

Acq: 27 Nov 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

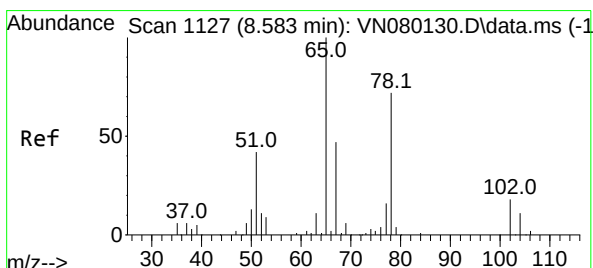
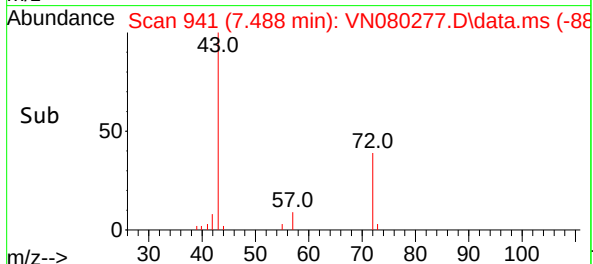
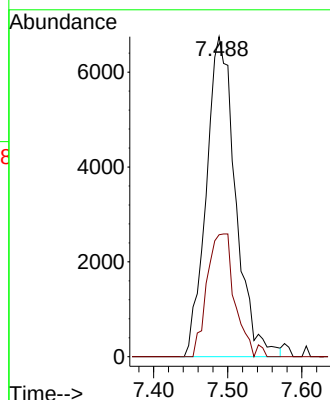
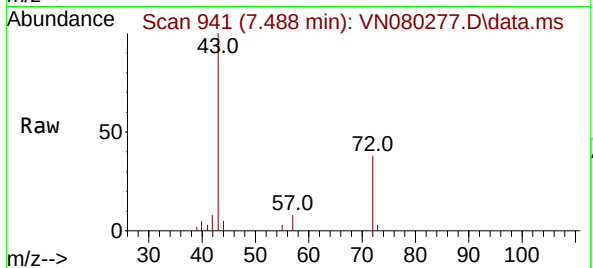
1145

Tgt Ion: 43 Resp: 18553

Ion Ratio Lower Upper

43 100

72 38.1 30.2 45.2



#33

1,2-Dichloroethane-d4

Concen: 52.755 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080277.D

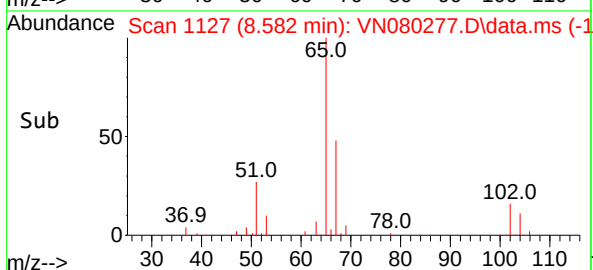
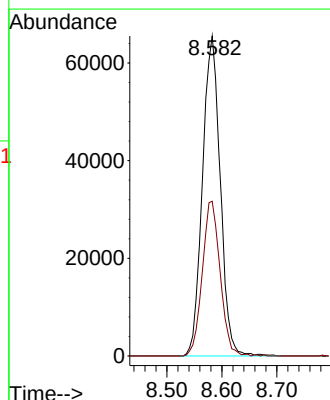
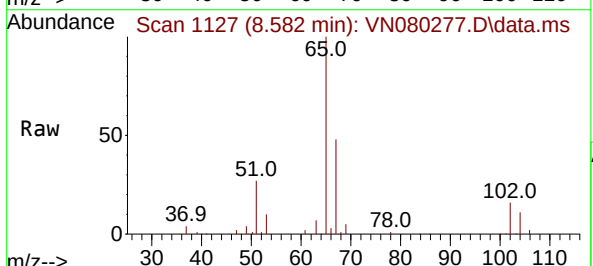
Acq: 27 Nov 2023 16:00

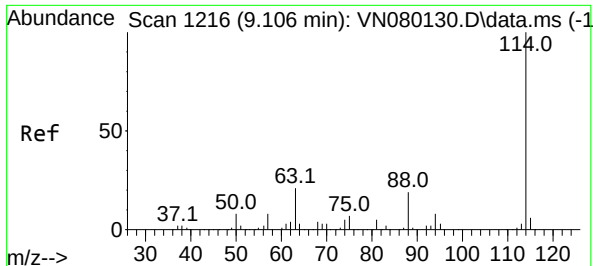
Tgt Ion: 65 Resp: 147483

Ion Ratio Lower Upper

65 100

67 48.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN080277.D

Acq: 27 Nov 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

1145

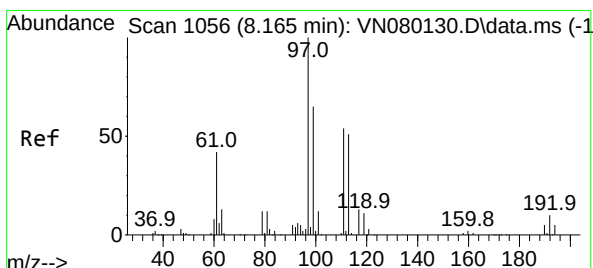
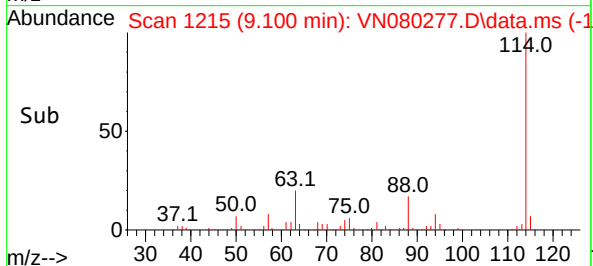
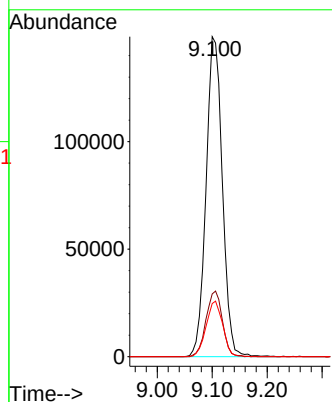
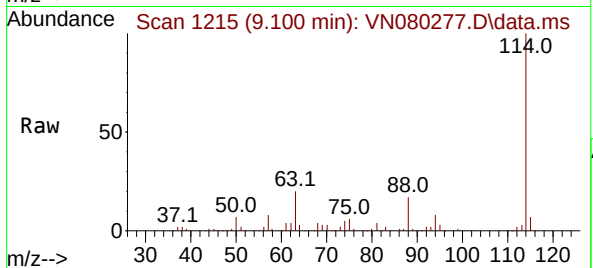
Tgt Ion:114 Resp: 306138

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 16.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.025 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080277.D

Acq: 27 Nov 2023 16:00

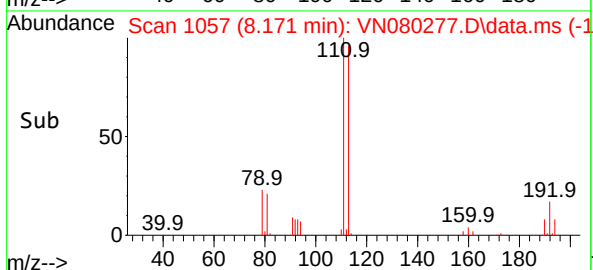
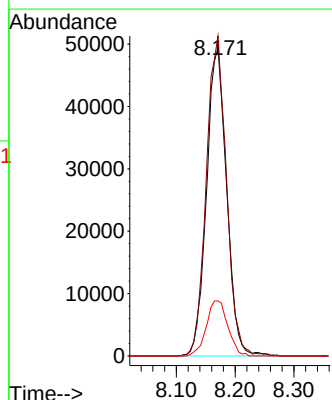
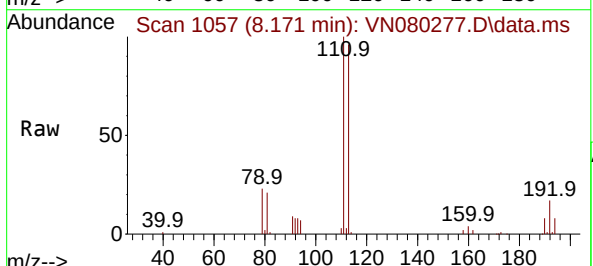
Tgt Ion:113 Resp: 117519

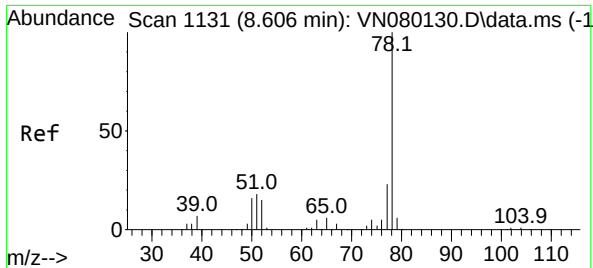
Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 19.1 12.7 19.1#

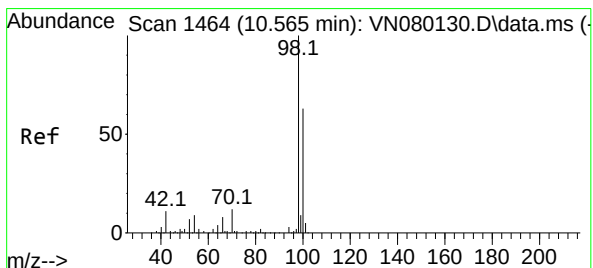
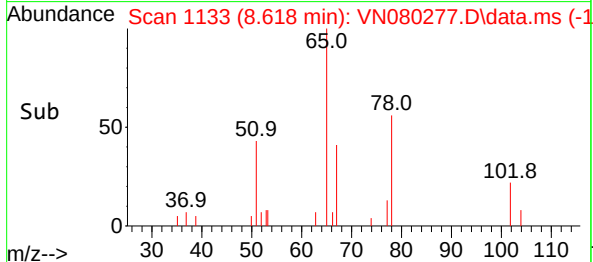
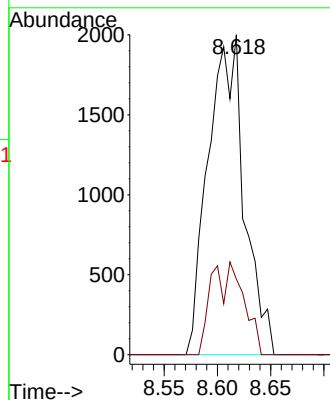
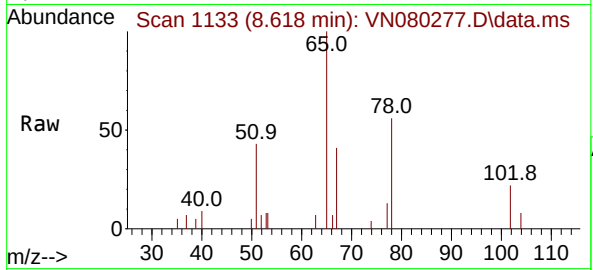




#40
Benzene
Concen: 0.505 ug/l
RT: 8.618 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN080277.D
Acq: 27 Nov 2023 16:00

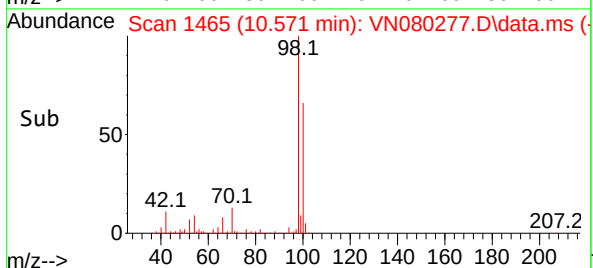
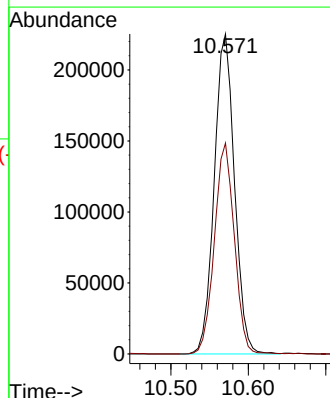
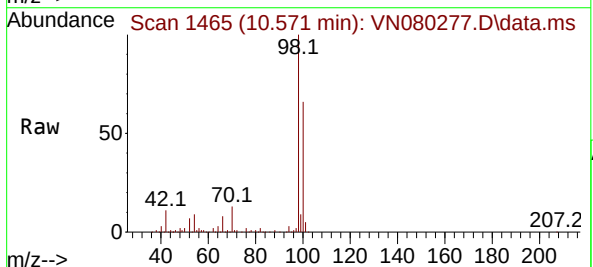
Instrument :
MSVOA_N
ClientSampleId :
1145

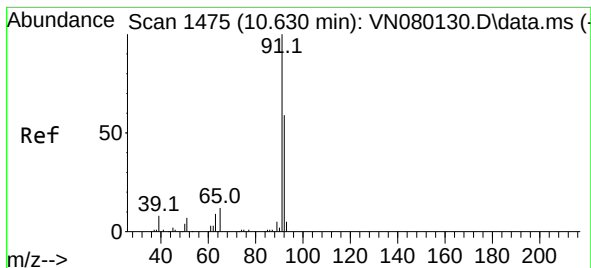
Tgt Ion: 78 Resp: 4692
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6



#50
Toluene-d8
Concen: 50.184 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080277.D
Acq: 27 Nov 2023 16:00

Tgt Ion: 98 Resp: 408642
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





#52

Toluene

Concen: 1.058 ug/l

RT: 10.635 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VN080277.D

Acq: 27 Nov 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

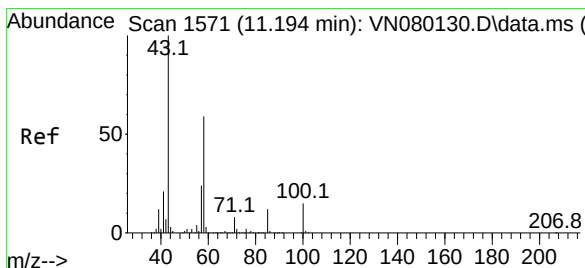
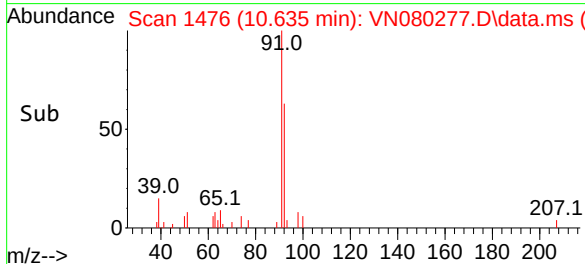
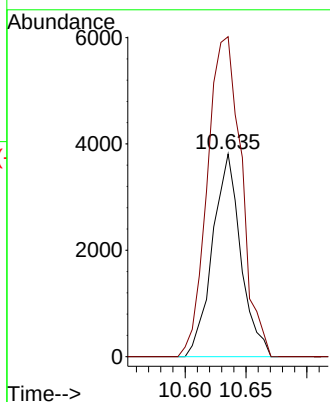
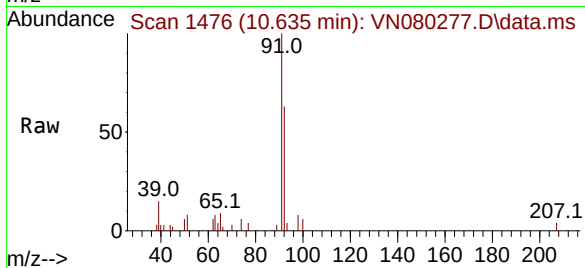
1145

Tgt Ion: 92 Resp: 6155

Ion Ratio Lower Upper

92 100

91 189.6 137.4 206.0



#59

2-Hexanone

Concen: 1.827 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.012 min

Lab File: VN080277.D

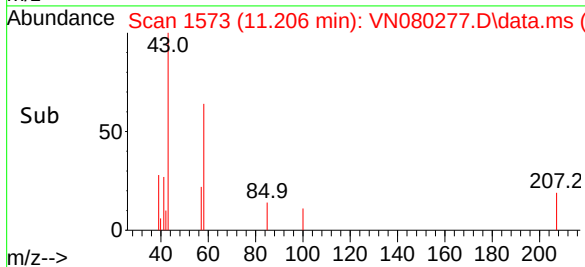
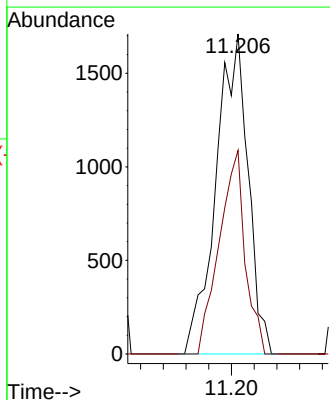
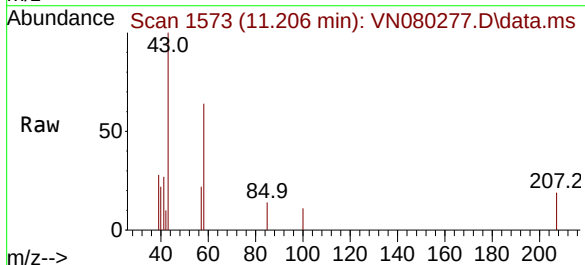
Acq: 27 Nov 2023 16:00

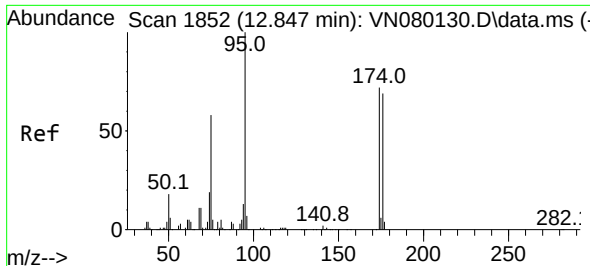
Tgt Ion: 43 Resp: 3356

Ion Ratio Lower Upper

43 100

58 51.4 31.7 95.1

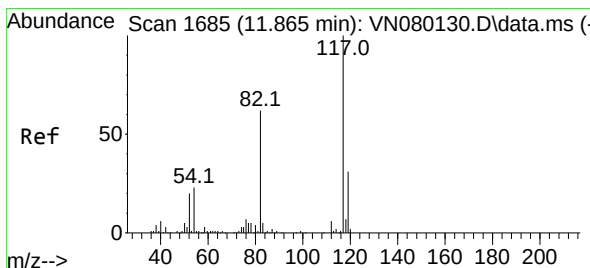
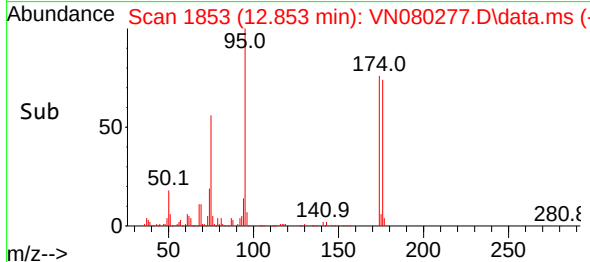
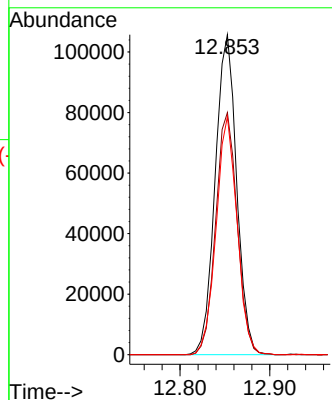
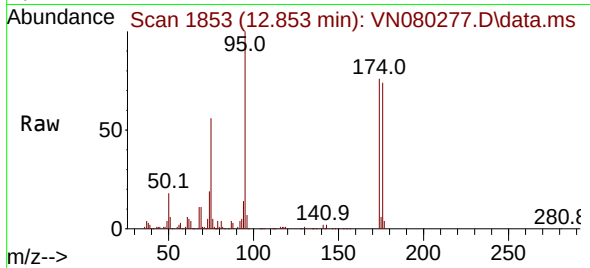




#62
4-Bromofluorobenzene
Concen: 57.045 ug/l
RT: 12.853 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN080277.D
Acq: 27 Nov 2023 16:00

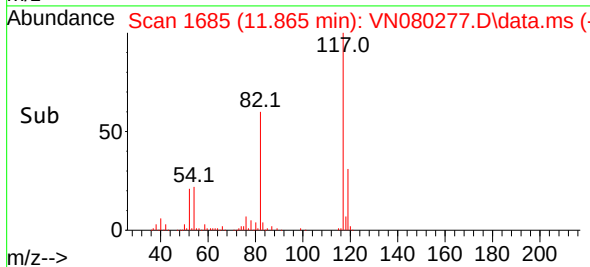
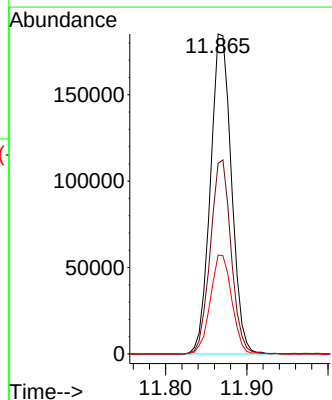
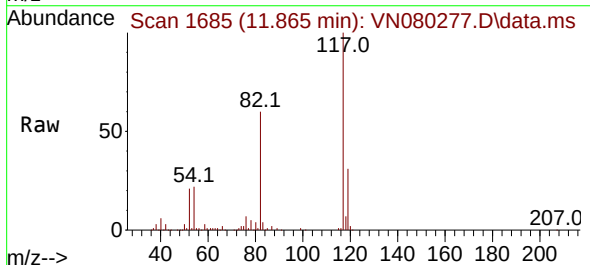
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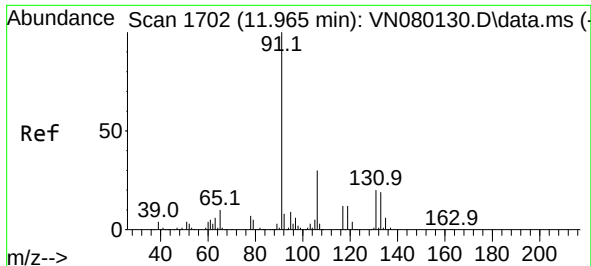
Tgt Ion: 95 Resp: 175452
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 72.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080277.D
Acq: 27 Nov 2023 16:00

Tgt Ion: 117 Resp: 333300
Ion Ratio Lower Upper
117 100
82 59.5 44.0 66.0
119 30.9 25.6 38.4





#67

Ethyl Benzene

Concen: 0.309 ug/l

RT: 11.965 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080277.D

Acq: 27 Nov 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

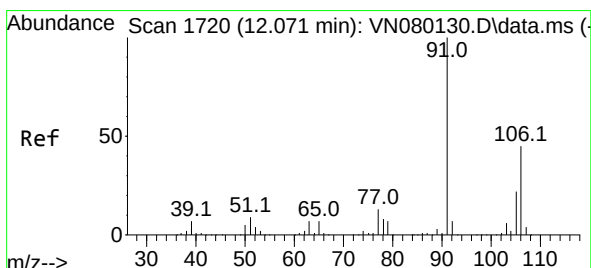
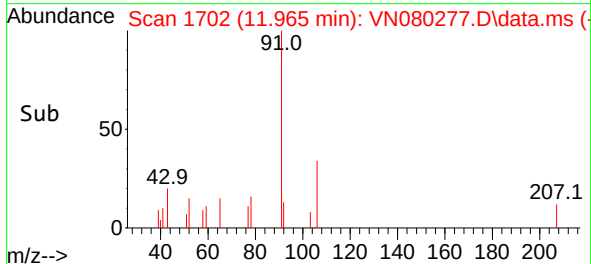
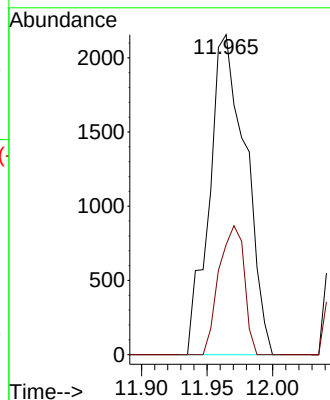
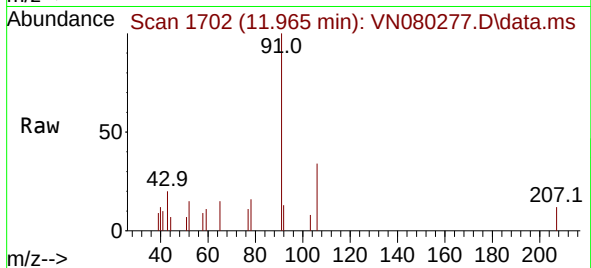
1145

Tgt Ion: 91 Resp: 4158

Ion Ratio Lower Upper

91 100

106 34.3 25.6 38.4



#68

m/p-Xylenes

Concen: 1.175 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN080277.D

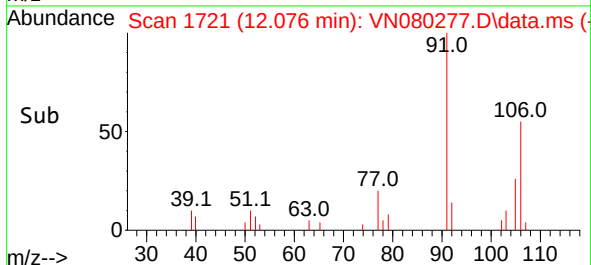
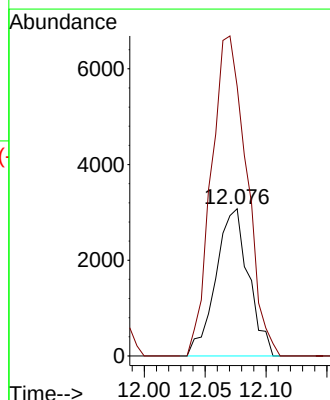
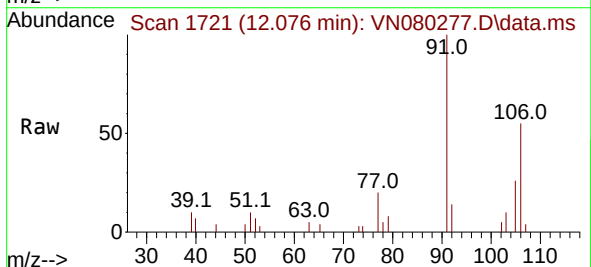
Acq: 27 Nov 2023 16:00

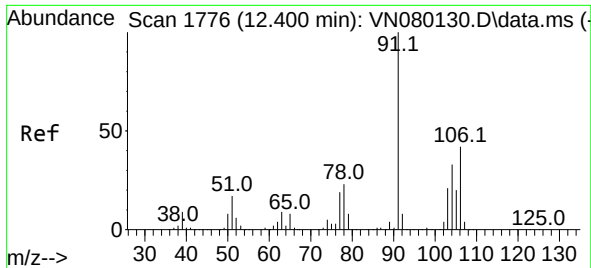
Tgt Ion:106 Resp: 5758

Ion Ratio Lower Upper

106 100

91 233.3 159.6 239.4

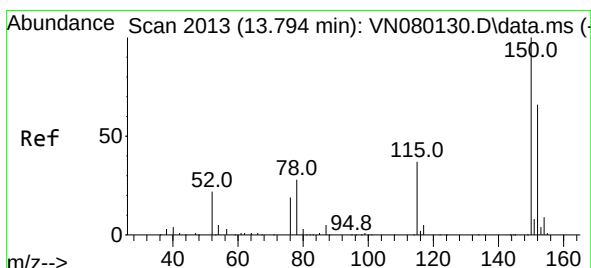
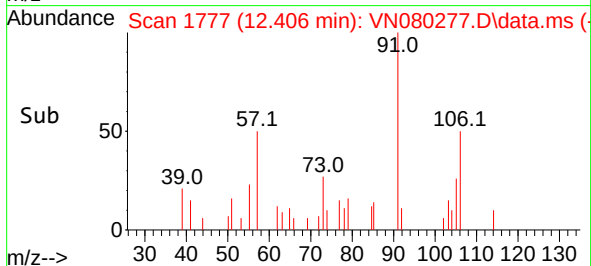
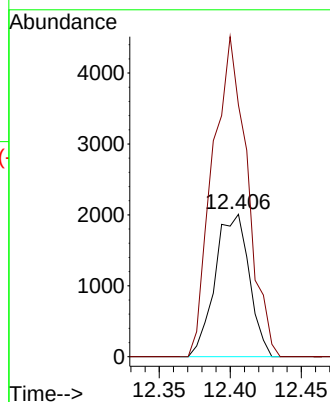
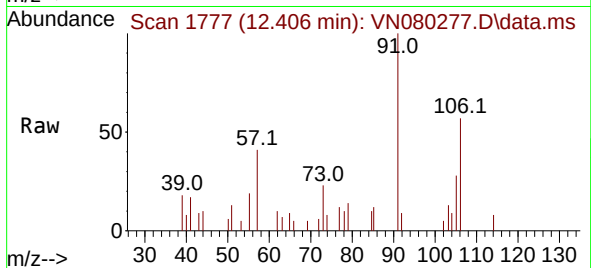




#69
o-Xylene
Concen: 0.726 ug/l
RT: 12.406 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN080277.D
Acq: 27 Nov 2023 16:00

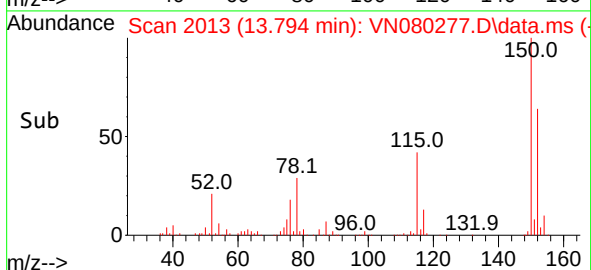
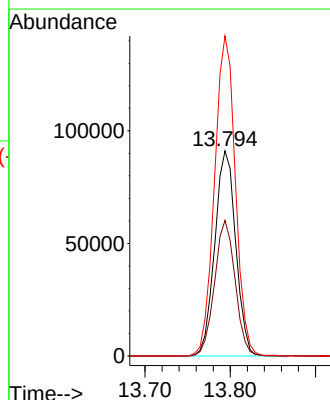
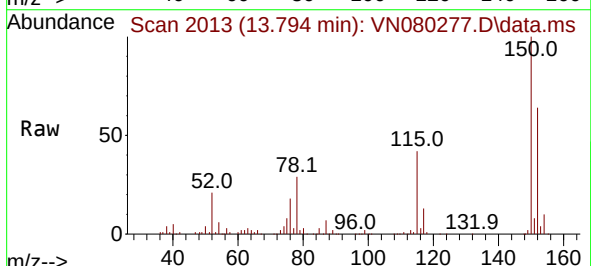
Instrument :
MSVOA_N
ClientSampleId :
1145

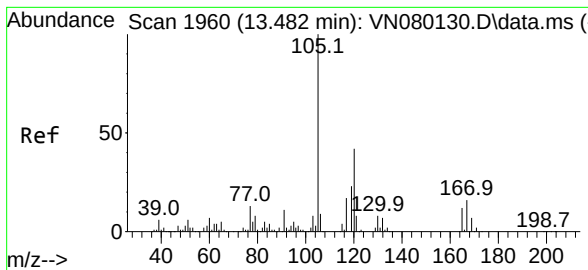
Tgt Ion:106 Resp: 3352
Ion Ratio Lower Upper
106 100
91 228.0 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080277.D
Acq: 27 Nov 2023 16:00

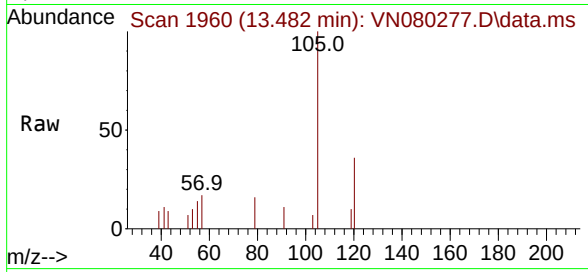
Tgt Ion:152 Resp: 155293
Ion Ratio Lower Upper
152 100
115 65.0 32.3 96.8
150 155.3 0.0 355.8





#84
 1,2,4-Trimethylbenzene
 Concen: 0.376 ug/l
 RT: 13.482 min Scan# 1145
 Delta R.T. -0.000 min
 Lab File: VN080277.D
 Acq: 27 Nov 2023 16:00

Instrument :
 MSVOA_N
 ClientSampleId :
 1145



Tgt Ion:105 Resp: 3891
 Ion Ratio Lower Upper
 105 100
 120 37.0 22.0 66.0

