

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010224\
 Data File : VN080625.D
 Acq On : 02 Jan 2024 15:19
 Operator : JC\MD
 Sample : 06038-03 200X
 Misc : 1.10g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T-401

Quant Time: Jan 03 01:46:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

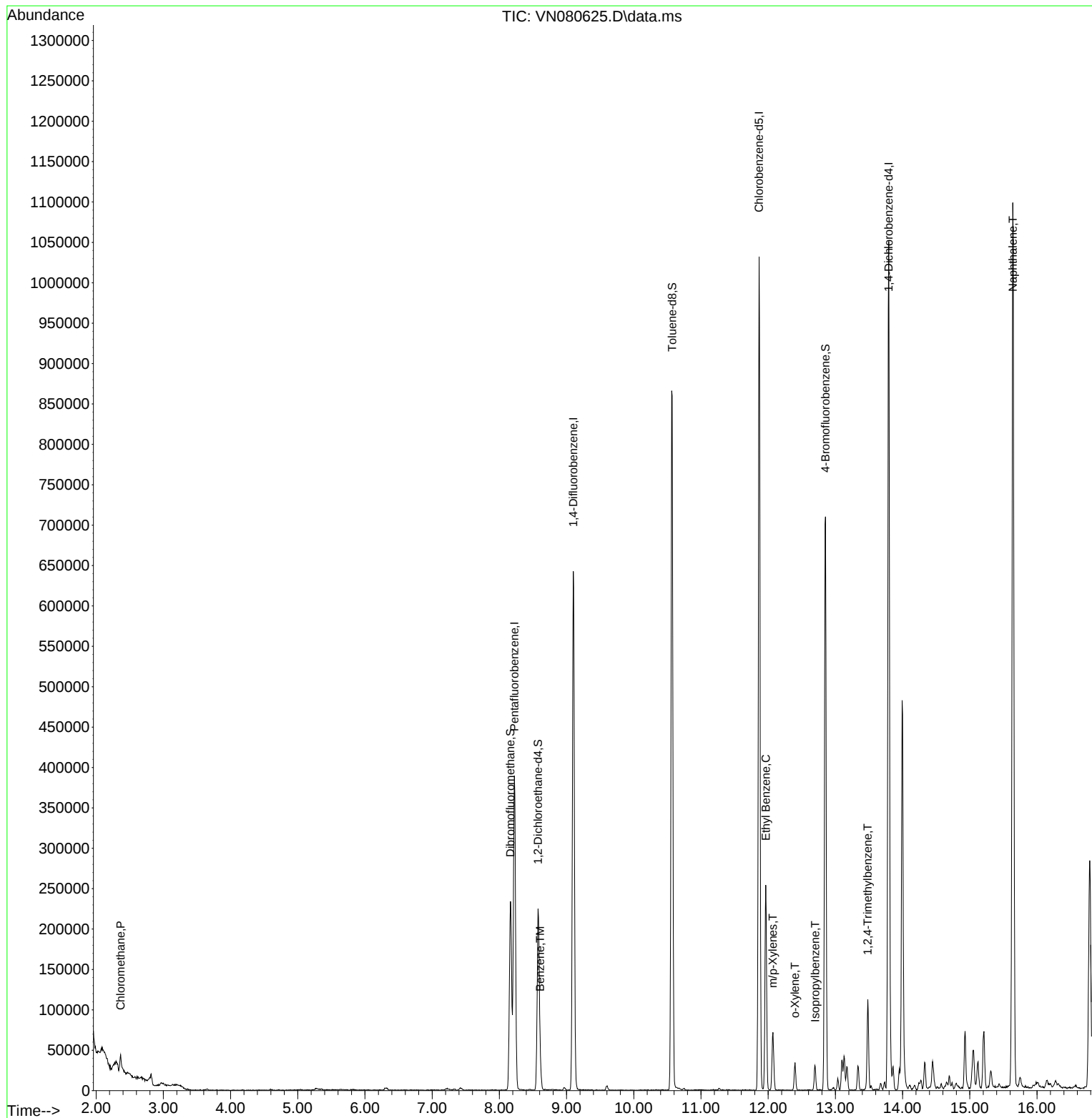
Internal Standards						
1) Pentafluorobenzene	8.224	168	287614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	568509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	597230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	291184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	183585	49.762	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.520%		
35) Dibromofluoromethane	8.165	113	167790	45.634	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.260%		
50) Toluene-d8	10.571	98	625628	48.733	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.460%		
62) 4-Bromofluorobenzene	12.853	95	267180	61.839	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	123.680%#		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	31330	7.579	ug/l	91
40) Benzene	8.606	78	25350	1.896	ug/l	99
67) Ethyl Benzene	11.965	91	186243	8.967	ug/l	98
68) m/p-Xylenes	12.070	106	22380	2.904	ug/l	98
69) o-Xylene	12.400	106	8632	1.140	ug/l	78
73) Isopropylbenzene	12.700	105	21240	1.066	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	62592	3.673	ug/l	98
95) Naphthalene	15.641	128	1039340	68.742	ug/l	100

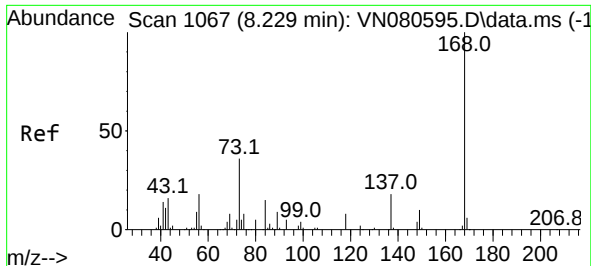
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

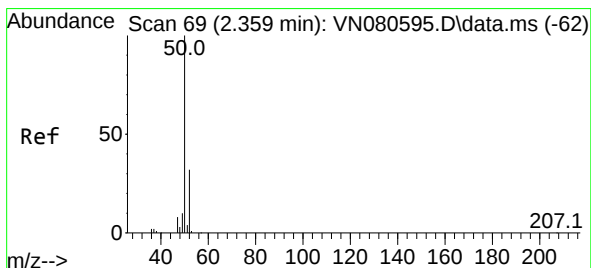
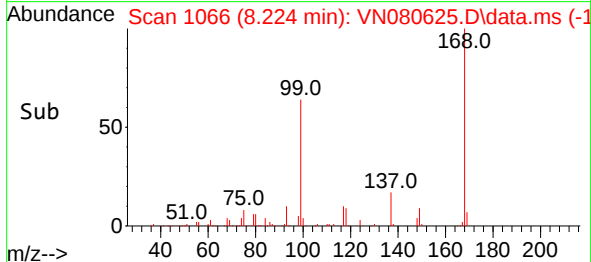
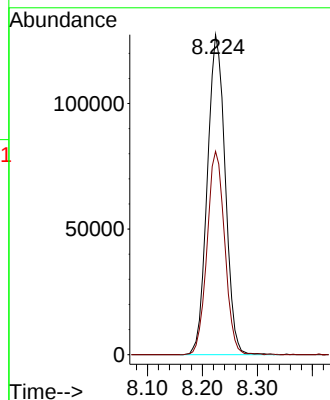
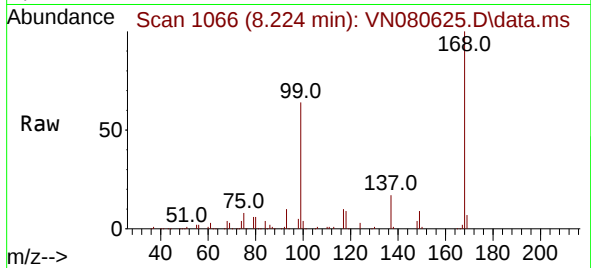




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN080625.D
Acq: 02 Jan 2024 15:19

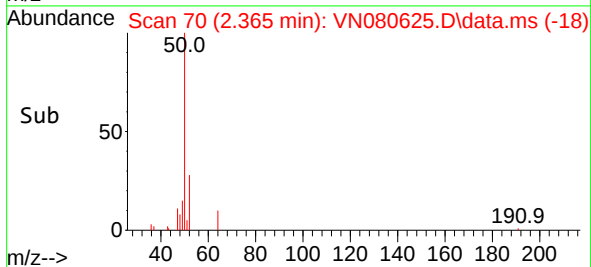
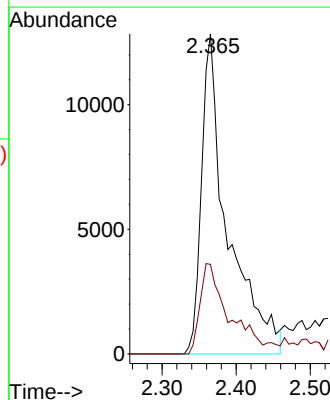
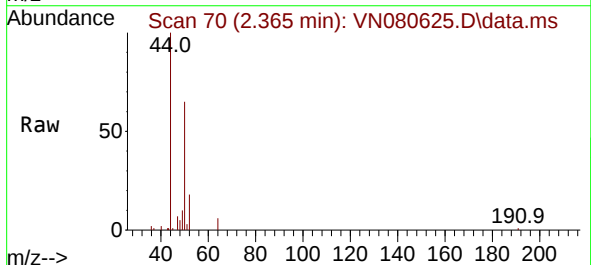
Instrument :
MSVOA_N
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T-401

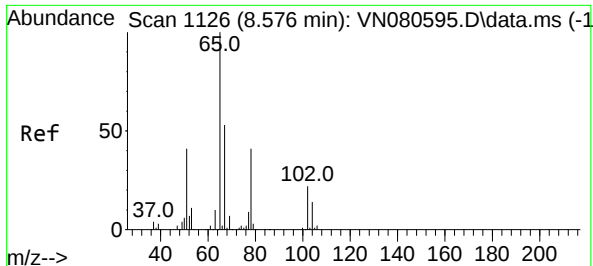
Tgt Ion:168 Resp: 287614
Ion Ratio Lower Upper
168 100
99 63.5 53.0 79.6



#3
Chloromethane
Concen: 7.579 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080625.D
Acq: 02 Jan 2024 15:19

Tgt Ion: 50 Resp: 31330
Ion Ratio Lower Upper
50 100
52 28.0 26.5 39.7





#33

1,2-Dichloroethane-d4

Concen: 49.762 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080625.D

Acq: 02 Jan 2024 15:19

Instrument :

MSVOA_N

ClientSampleId :

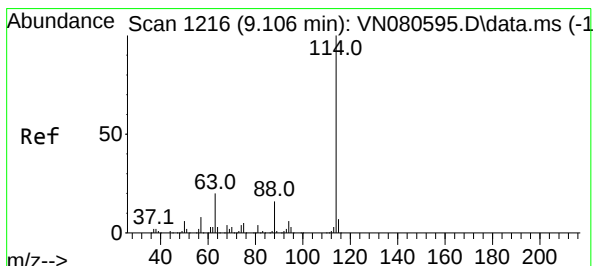
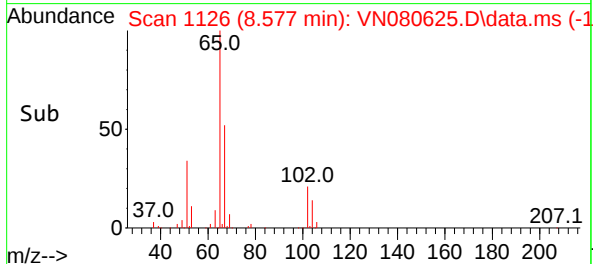
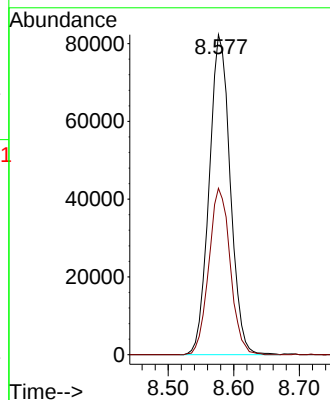
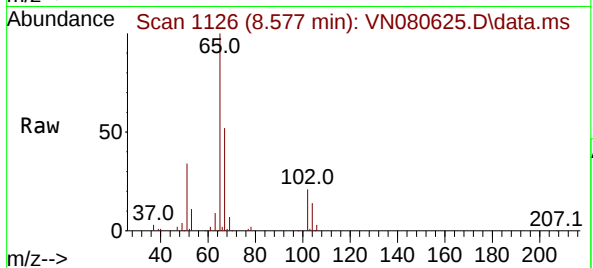
T-401

Tgt Ion: 65 Resp: 183585

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080625.D

Acq: 02 Jan 2024 15:19

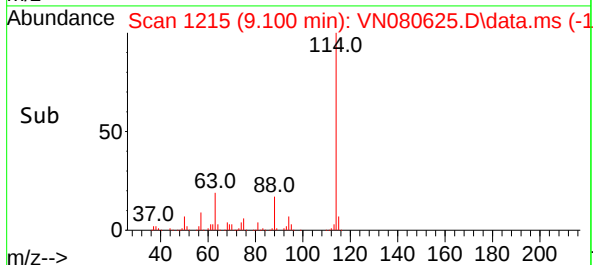
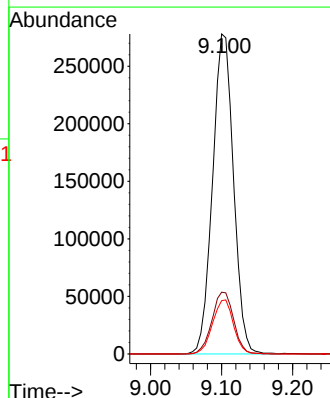
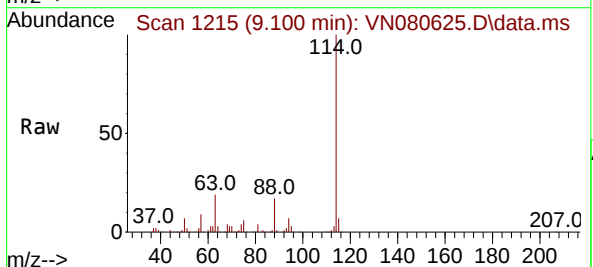
Tgt Ion: 114 Resp: 568509

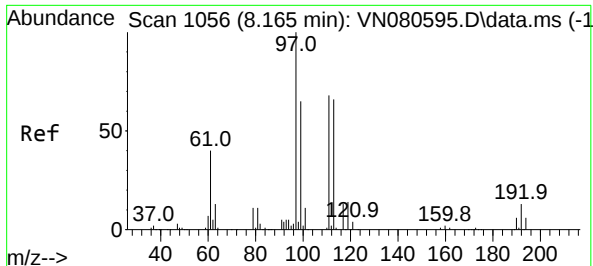
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 16.6 0.0 30.6

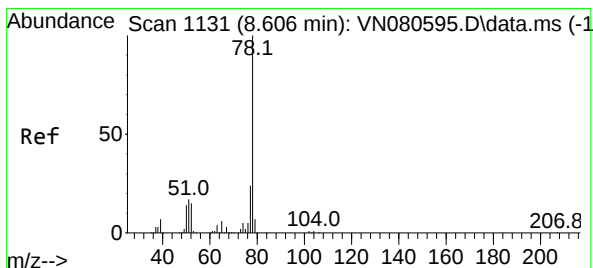
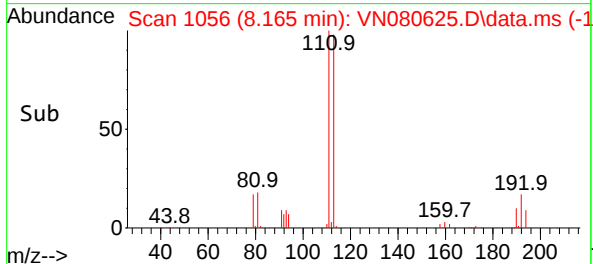
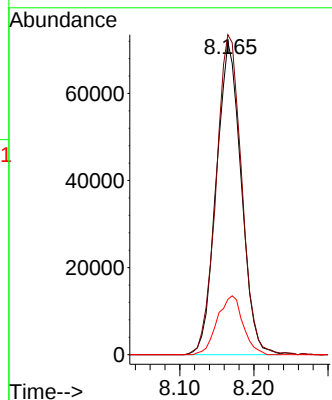
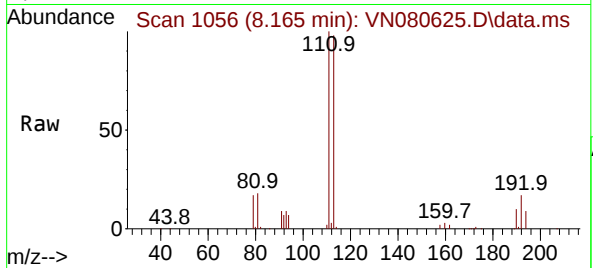




#35
Dibromofluoromethane
Concen: 45.634 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080625.D
Acq: 02 Jan 2024 15:19

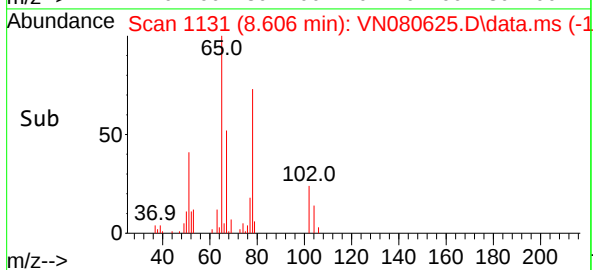
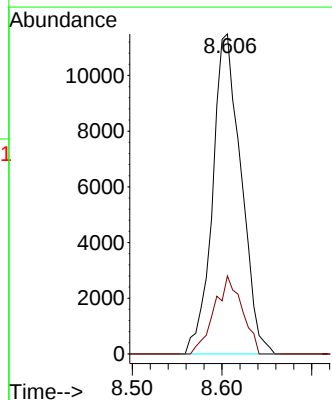
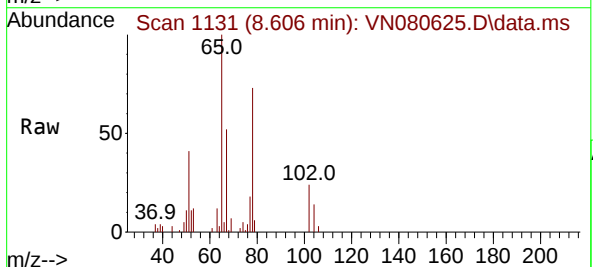
Instrument :
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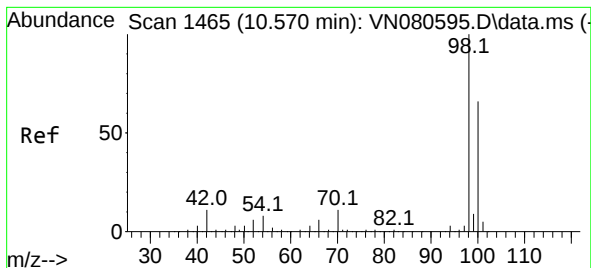
Tgt Ion:113 Resp: 167790
Ion Ratio Lower Upper
113 100
111 104.4 82.6 123.8
192 19.3 12.7 19.1#



#40
Benzene
Concen: 1.896 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080625.D
Acq: 02 Jan 2024 15:19

Tgt Ion: 78 Resp: 25350
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6





#50

Toluene-d8

Concen: 48.733 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN080625.D

Acq: 02 Jan 2024 15:19

Instrument :

MSVOA_N

ClientSampleId :

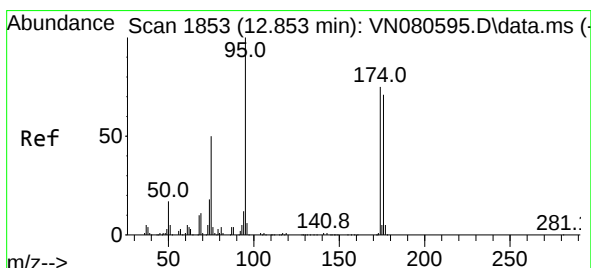
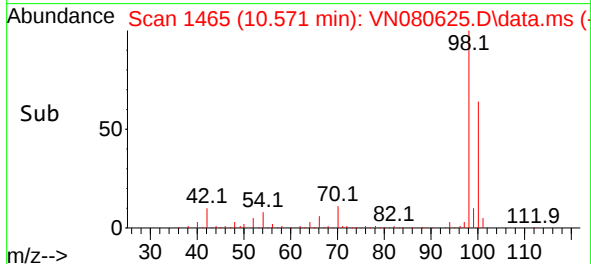
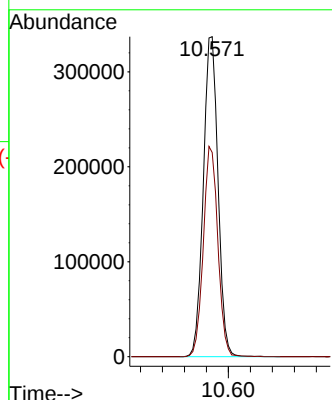
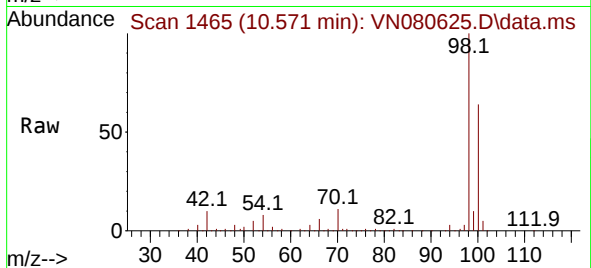
T-401

Tgt Ion: 98 Resp: 625628

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 61.839 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN080625.D

Acq: 02 Jan 2024 15:19

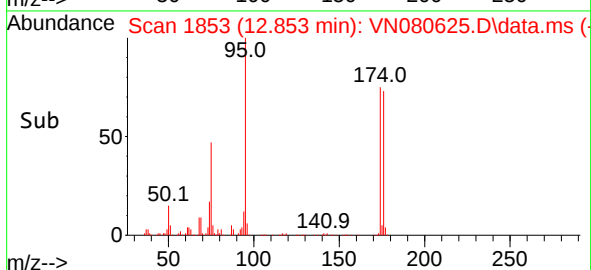
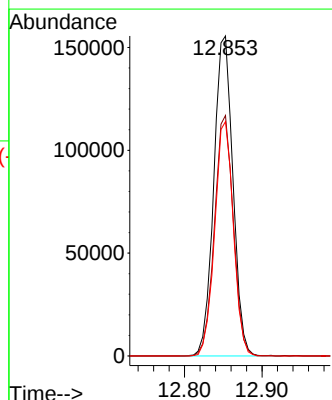
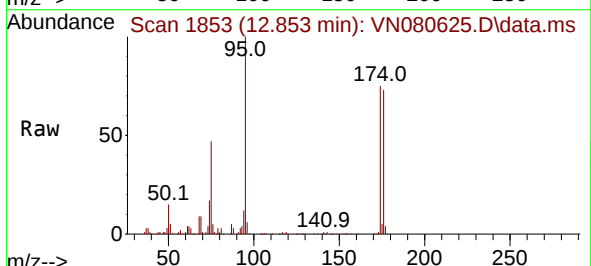
Tgt Ion: 95 Resp: 267180

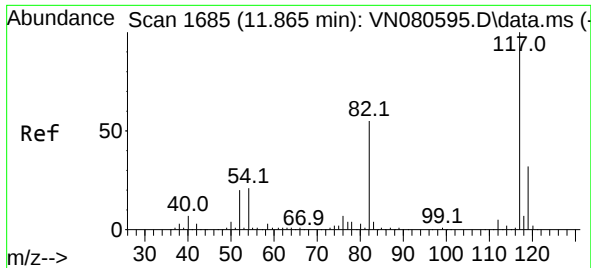
Ion Ratio Lower Upper

95 100

174 74.3 0.0 143.8

176 71.2 0.0 135.8

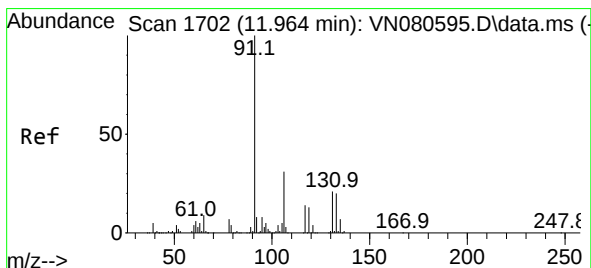
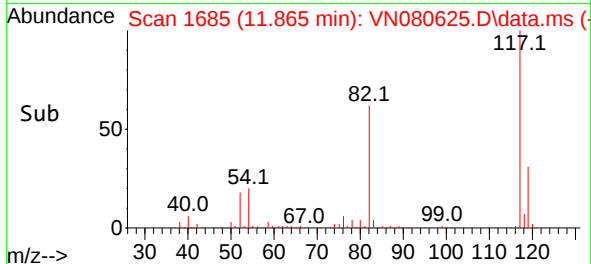
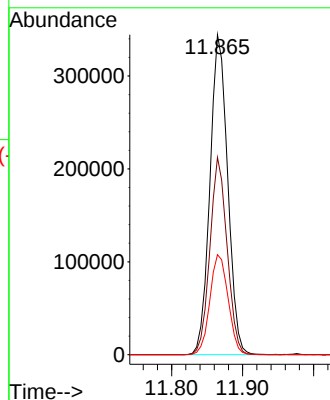
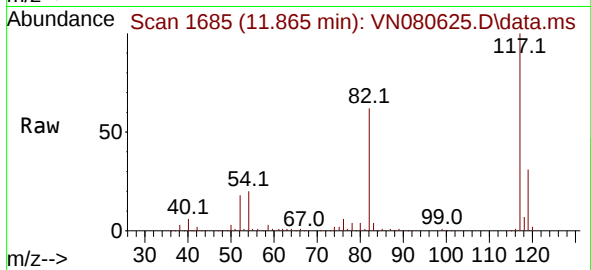




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN080625.D
Acq: 02 Jan 2024 15:19

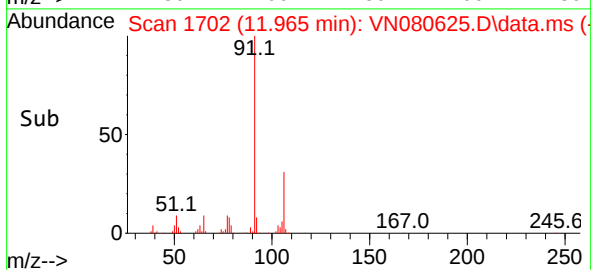
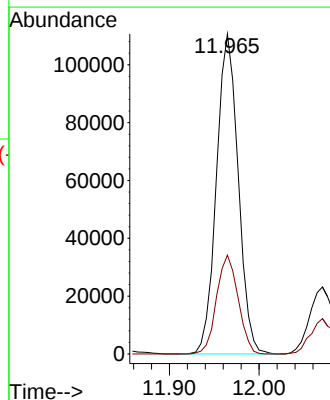
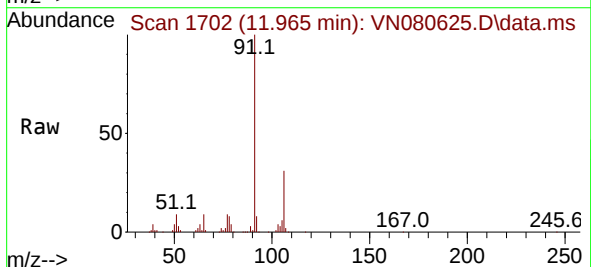
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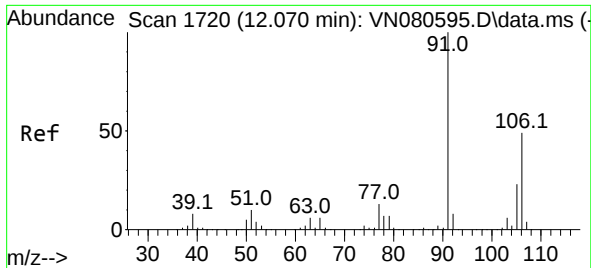
Tgt Ion:117 Resp: 597230
Ion Ratio Lower Upper
117 100
82 61.7 44.0 66.0
119 31.3 25.6 38.4



#67
Ethyl Benzene
Concen: 8.967 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080625.D
Acq: 02 Jan 2024 15:19

Tgt Ion: 91 Resp: 186243
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4

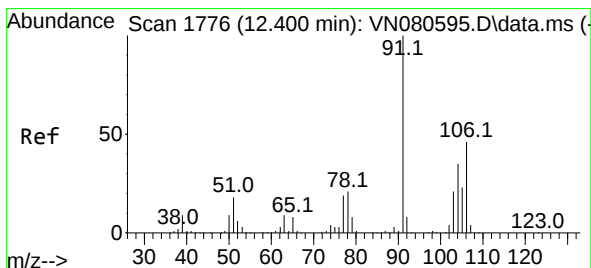
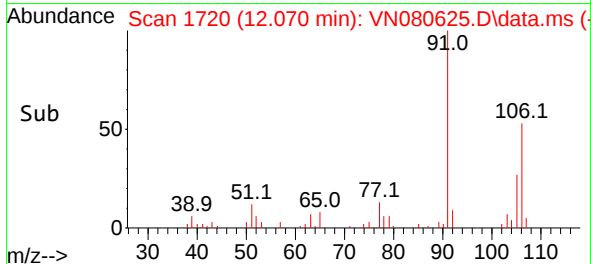
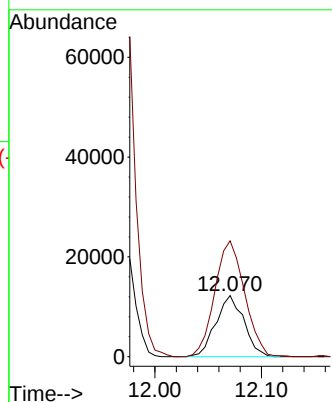
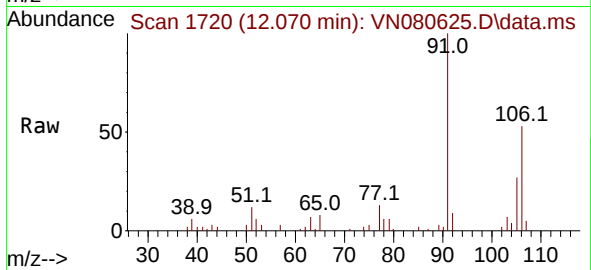




#68
m/p-Xylenes
Concen: 2.904 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080625.D
Acq: 02 Jan 2024 15:19

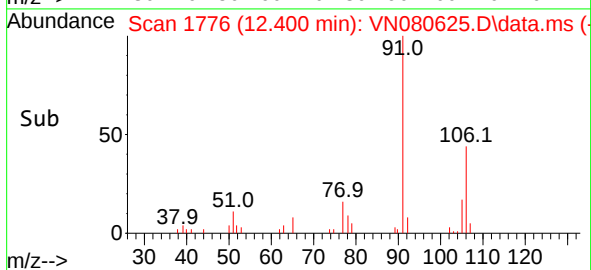
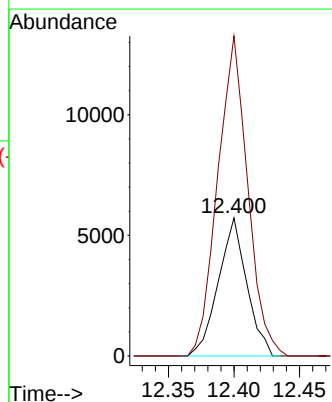
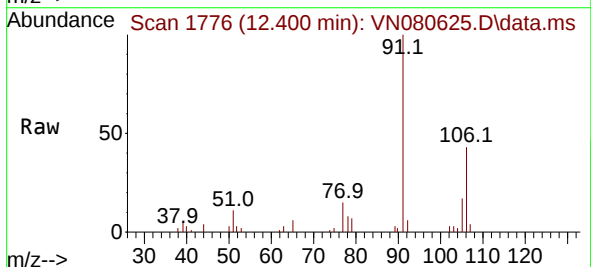
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MSVOA_N
ClientSampleId :
T-401

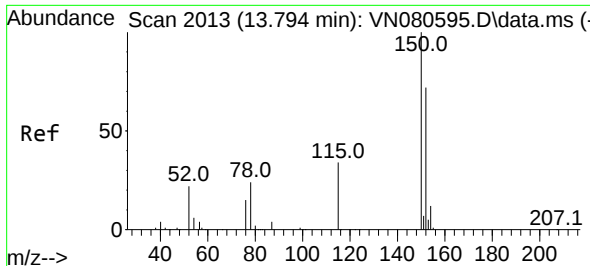
Tgt Ion:106 Resp: 22380
Ion Ratio Lower Upper
106 100
91 202.1 159.6 239.4



#69
o-Xylene
Concen: 1.140 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080625.D
Acq: 02 Jan 2024 15:19

Tgt Ion:106 Resp: 8632
Ion Ratio Lower Upper
106 100
91 244.6 105.2 315.5

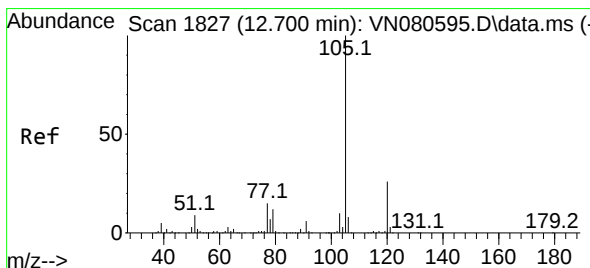
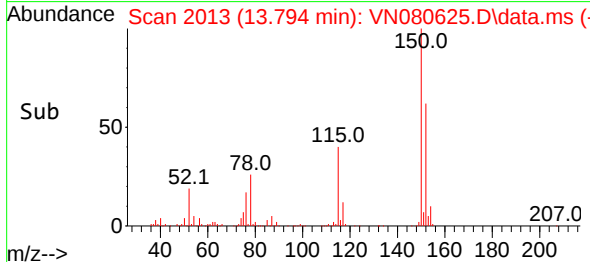
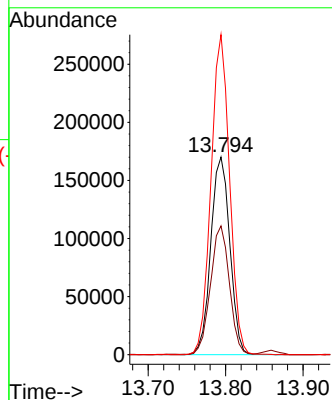
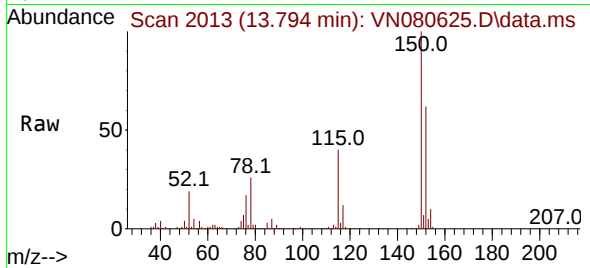




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080625.D
Acq: 02 Jan 2024 15:19

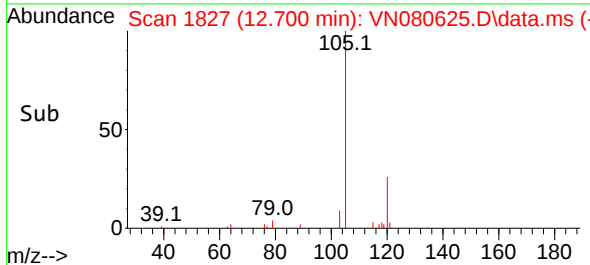
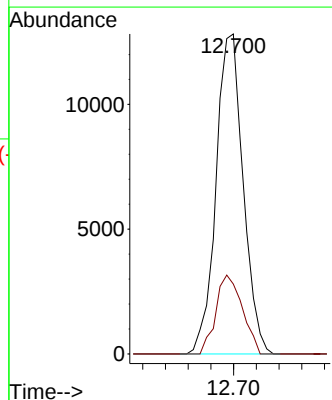
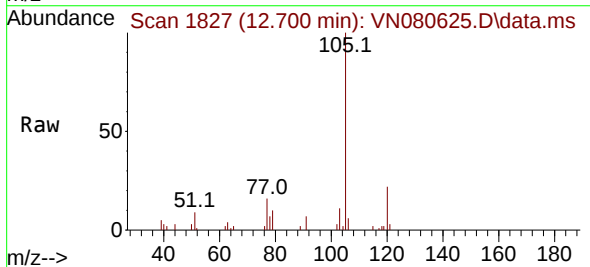
Instrument :
MSVOA_N
ClientSampleId :
T-401

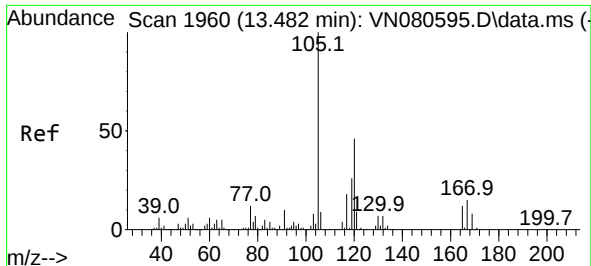
Tgt Ion:152 Resp: 291184
Ion Ratio Lower Upper
152 100
115 64.2 32.3 96.8
150 157.9 0.0 355.8



#73
Isopropylbenzene
Concen: 1.066 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080625.D
Acq: 02 Jan 2024 15:19

Tgt Ion:105 Resp: 21240
Ion Ratio Lower Upper
105 100
120 24.1 13.1 39.1

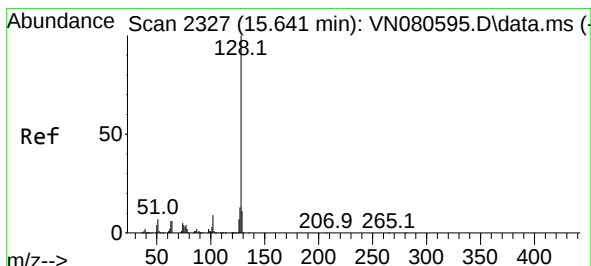
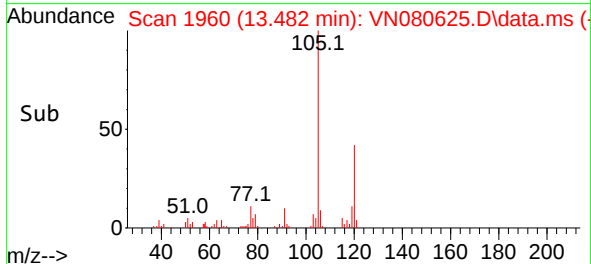
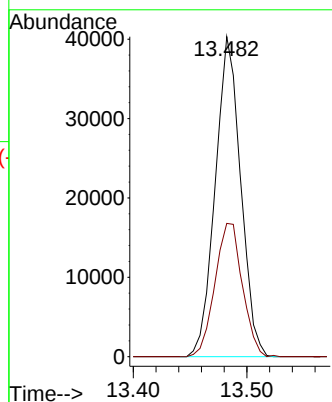
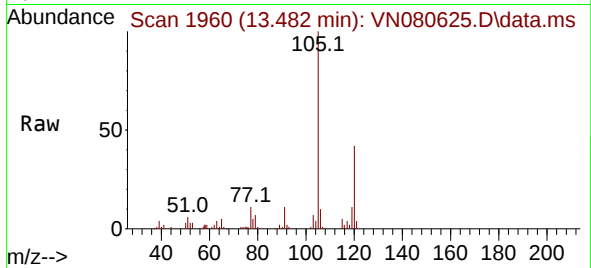




#84
1,2,4-Trimethylbenzene
Concen: 3.673 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080625.D
Acq: 02 Jan 2024 15:19

Instrument :
MSVOA_N
ClientSampleId :
T-401

Tgt Ion:105 Resp: 62592
Ion Ratio Lower Upper
105 100
120 45.0 22.0 66.0



#95
Naphthalene
Concen: 68.742 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080625.D
Acq: 02 Jan 2024 15:19

Tgt Ion:128 Resp: 1039340
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.9 8.7 13.1

