

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080172.D
 Acq On : 17 Nov 2023 18:52
 Operator : JC\MD
 Sample : 05462-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-24

Quant Time: Nov 18 02:36:28 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)

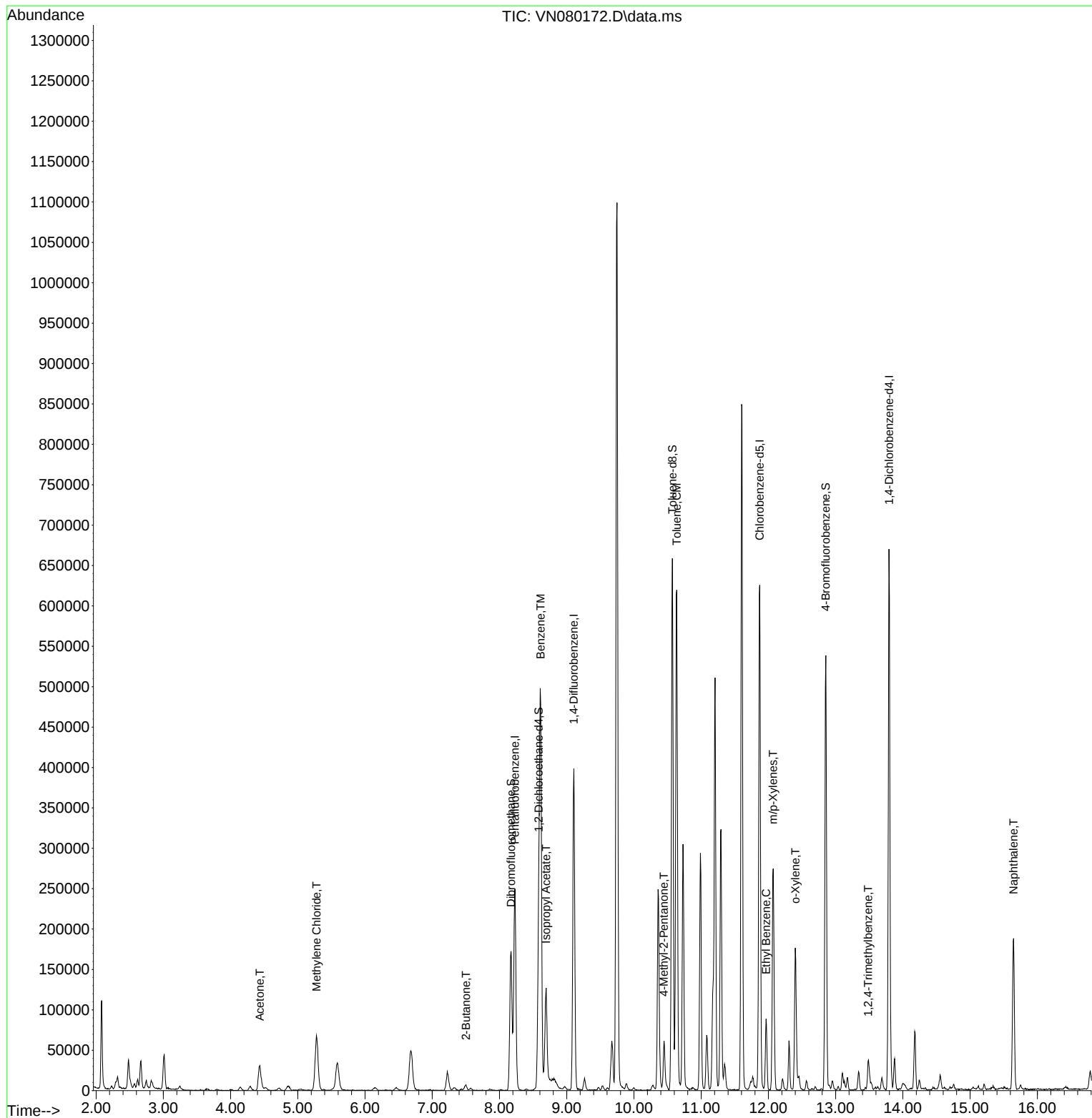
Internal Standards						
1) Pentafluorobenzene	8.230	168	173468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	330164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	363920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	175234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	158075	55.189	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.380%
35) Dibromofluoromethane	8.171	113	122446	50.262	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.520%
50) Toluene-d8	10.571	98	447306	50.935	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.860%
62) 4-Bromofluorobenzene	12.853	95	185955	56.060	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.120%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	58197	60.494	ug/l	95
20) Methylene Chloride	5.277	84	55180	27.390	ug/l	93
25) 2-Butanone	7.500	43	9906	8.667	ug/l #	87
40) Benzene	8.612	78	473211	47.206	ug/l	100
43) Isopropyl Acetate	8.694	43	139913	29.388	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	37946	15.395	ug/l	94
52) Toluene	10.635	92	278630	44.414	ug/l	100
67) Ethyl Benzene	11.965	91	55292	3.768	ug/l	89
68) m/p-Xylenes	12.071	106	82919	15.499	ug/l	87
69) o-Xylene	12.400	106	43699	8.667	ug/l	86
84) 1,2,4-Trimethylbenzene	13.482	105	23581	2.020	ug/l	90
95) Naphthalene	15.647	128	174115	17.442	ug/l	99

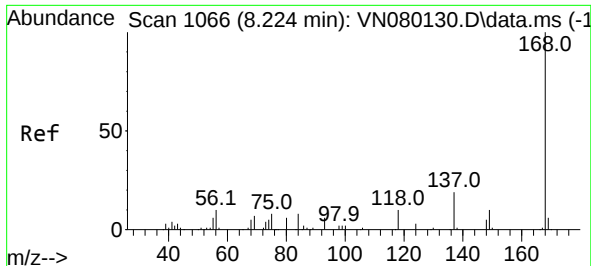
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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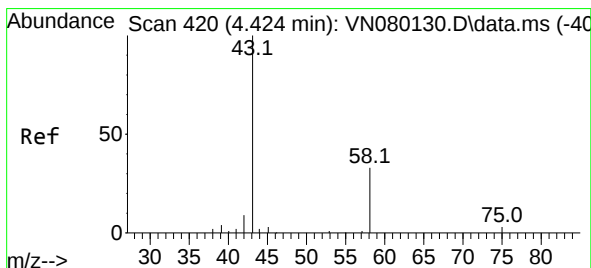
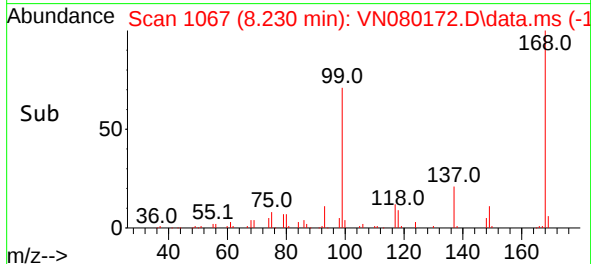
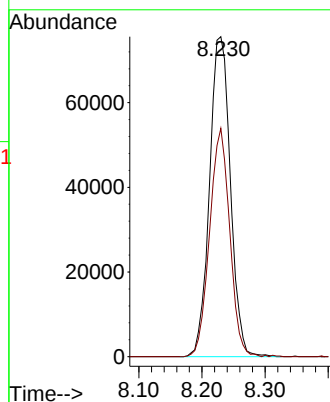
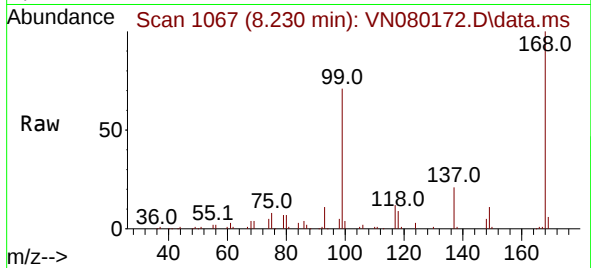




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

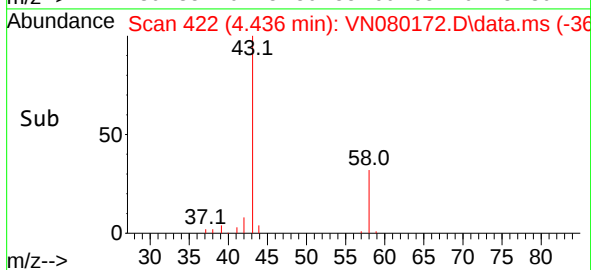
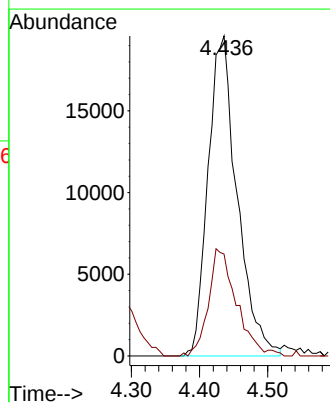
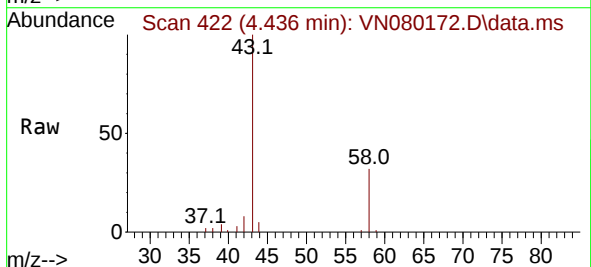
Instrument :
MSVOA_N
ClientSampleId :
S-24

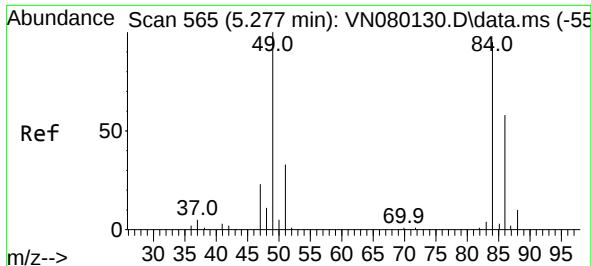
Tgt Ion:168 Resp: 173468
Ion Ratio Lower Upper
168 100
99 71.4 53.0 79.6



#16
Acetone
Concen: 60.494 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Tgt Ion: 43 Resp: 58197
Ion Ratio Lower Upper
43 100
58 31.8 28.0 42.0

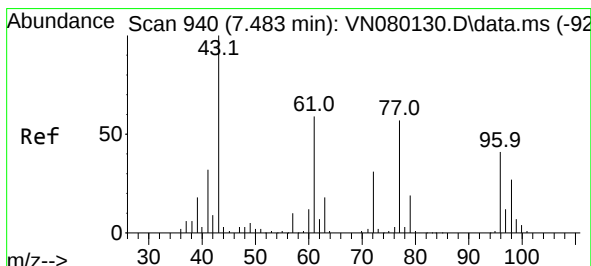
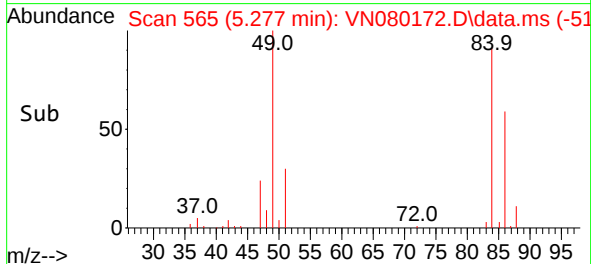
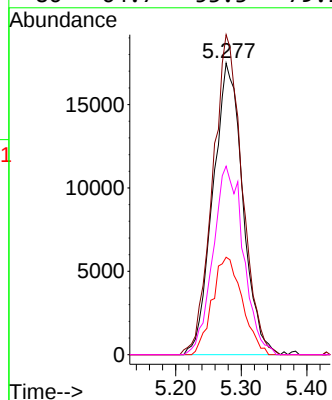
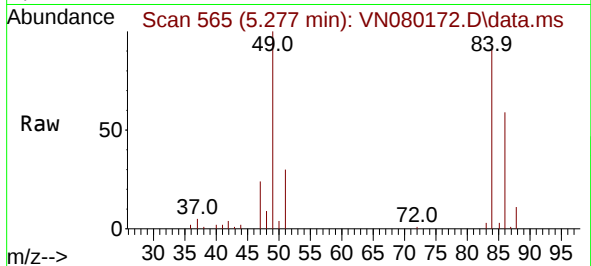




#20
Methylene Chloride
Concen: 27.390 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

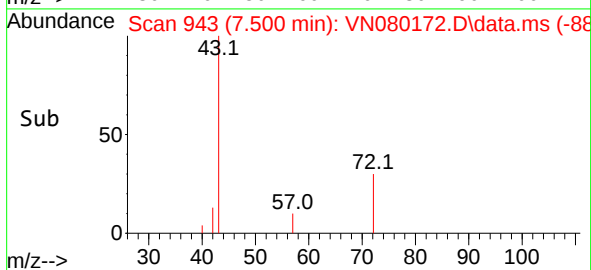
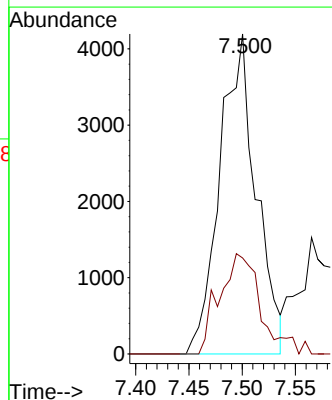
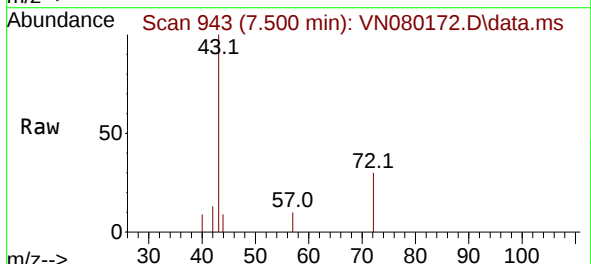
Instrument :
MSVOA_N
ClientSampleId :
S-24

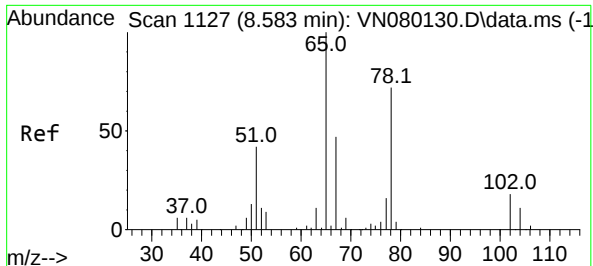
Tgt Ion: 84	Resp: 55180
Ion Ratio	Lower Upper
84 100	
49 109.8	79.7 119.5
51 33.4	25.2 37.8
86 64.7	53.3 79.9



#25
2-Butanone
Concen: 8.667 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.018 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Tgt Ion: 43	Resp: 9906		
Ion Ratio	Lower	Upper	
43 100			
72 30.0	30.2	45.2#	





#33

1,2-Dichloroethane-d4

Concen: 55.189 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080172.D

Acq: 17 Nov 2023 18:52

Instrument :

MSVOA_N

ClientSampleId :

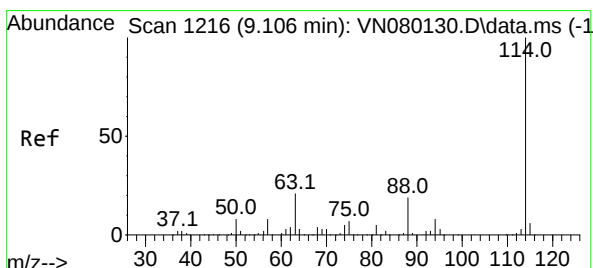
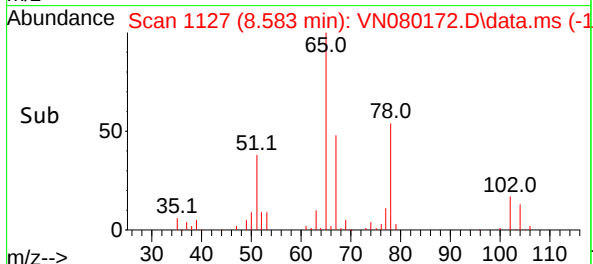
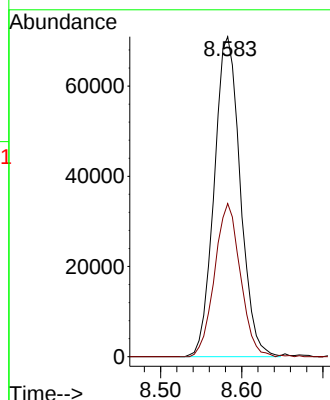
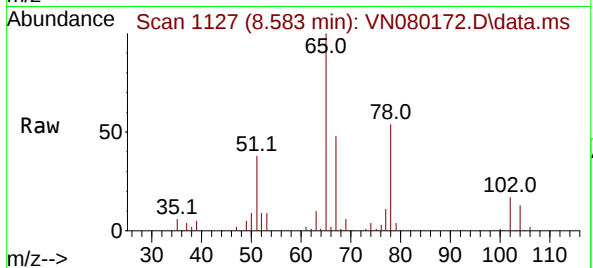
S-24

Tgt Ion: 65 Resp: 158075

Ion Ratio Lower Upper

65 100

67 47.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080172.D

Acq: 17 Nov 2023 18:52

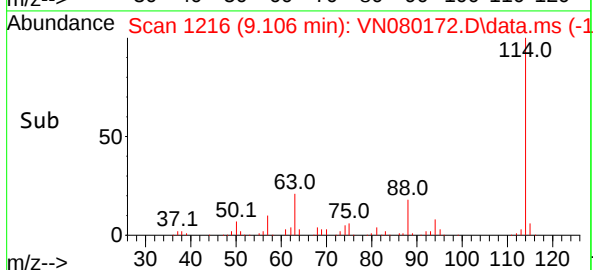
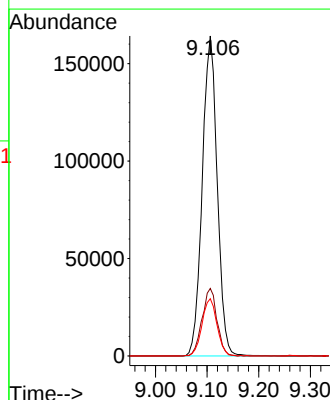
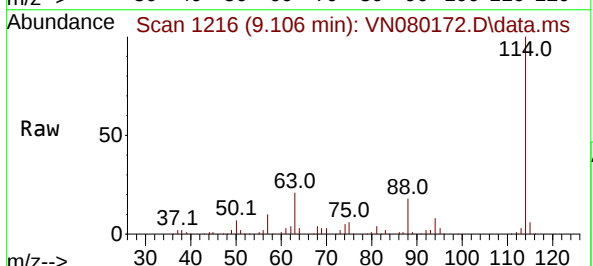
Tgt Ion: 114 Resp: 330164

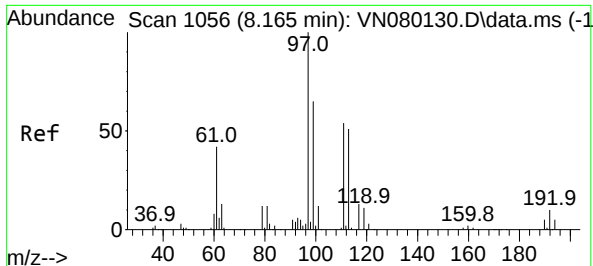
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 17.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.262 ug/l

RT: 8.171 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN080172.D

Acq: 17 Nov 2023 18:52

Instrument :

MSVOA_N

ClientSampleId :

S-24

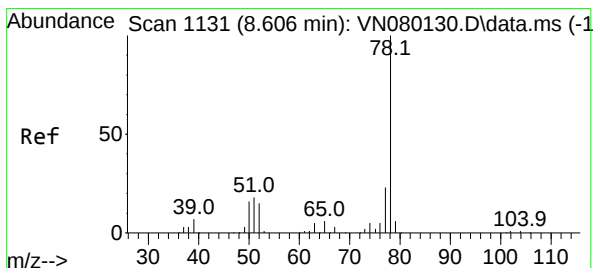
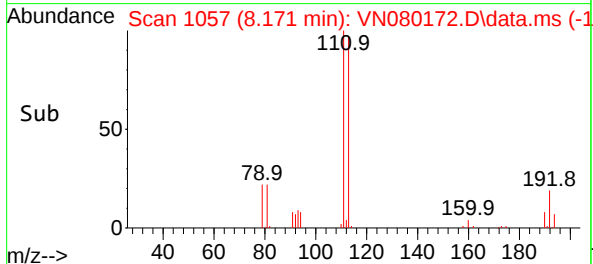
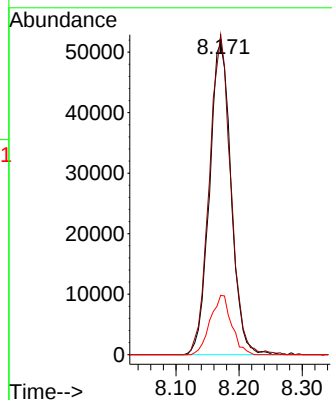
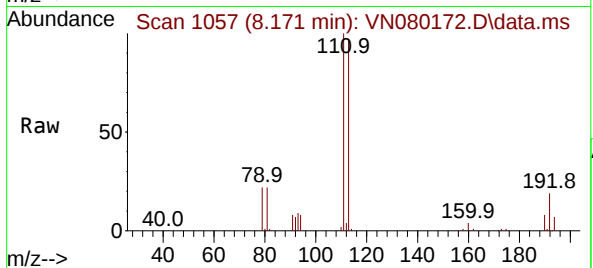
Tgt Ion:113 Resp: 122446

Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

192 18.7 12.7 19.1



#40

Benzene

Concen: 47.206 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN080172.D

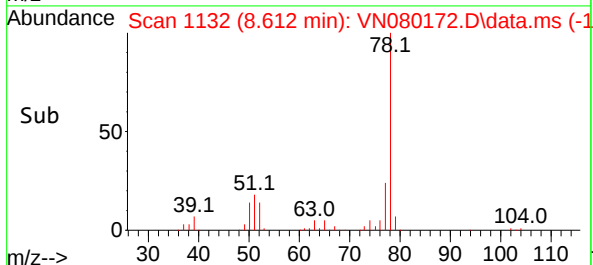
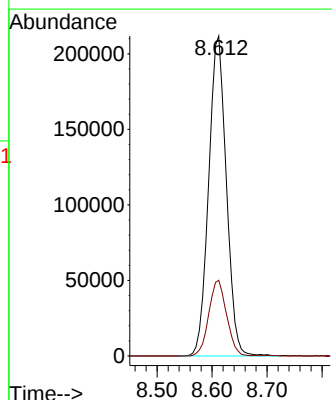
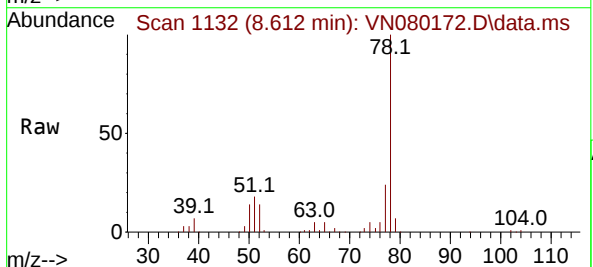
Acq: 17 Nov 2023 18:52

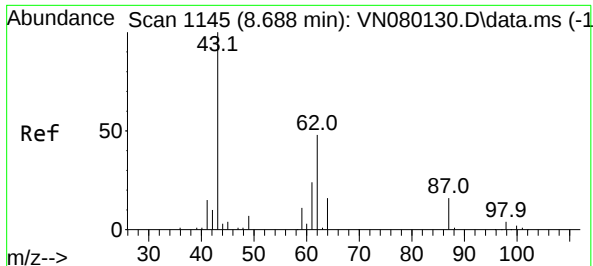
Tgt Ion: 78 Resp: 473211

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

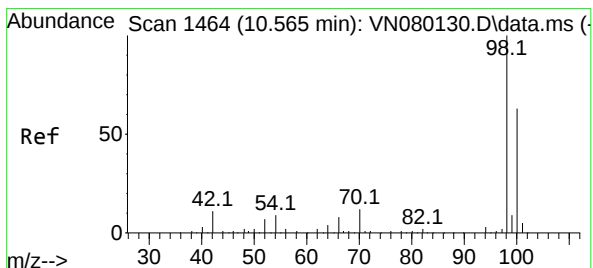
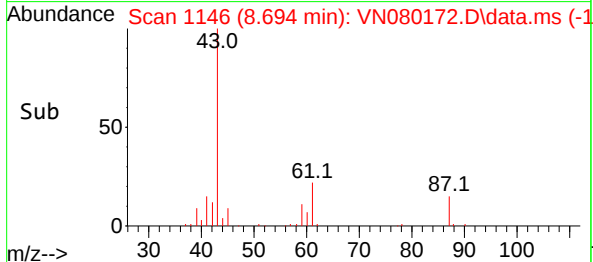
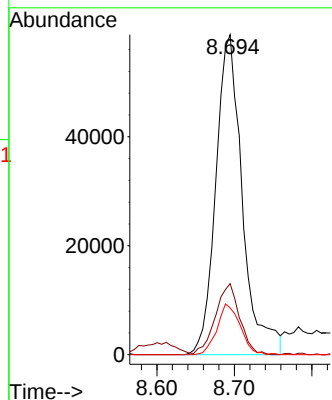
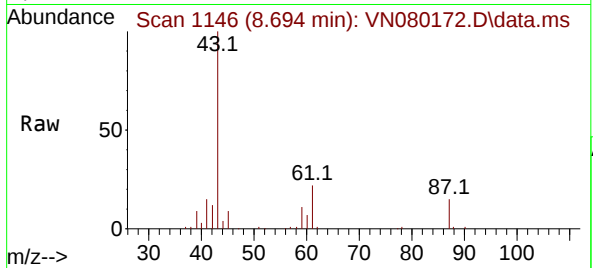




#43
Isopropyl Acetate
Concen: 29.388 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

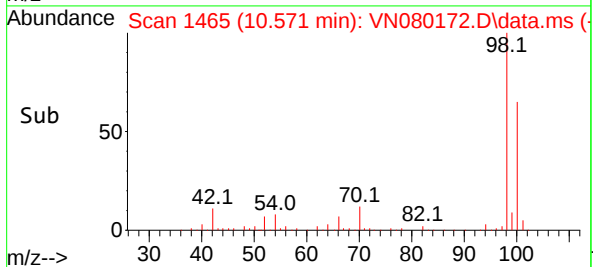
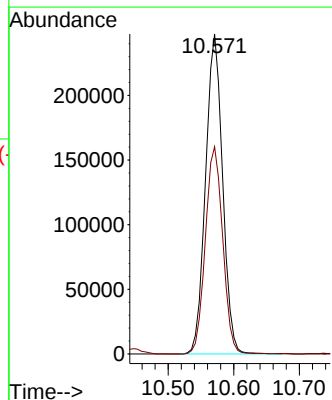
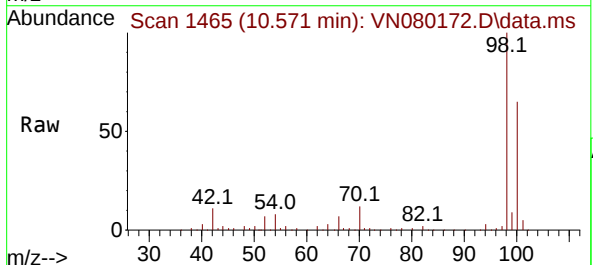
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ClientSampleId :
S-24

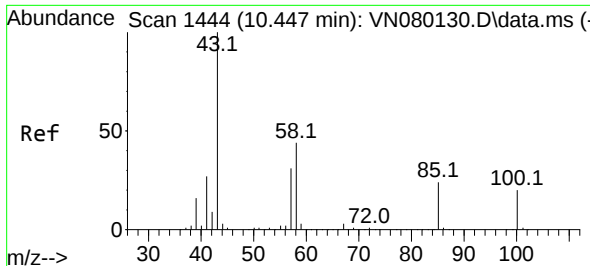
Tgt Ion: 43 Resp: 139913
Ion Ratio Lower Upper
43 100
61 20.3 24.7 37.1#
87 13.9 14.6 21.8#



#50
Toluene-d8
Concen: 50.935 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Tgt Ion: 98 Resp: 447306
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0

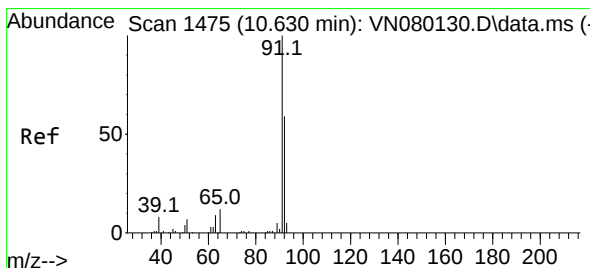
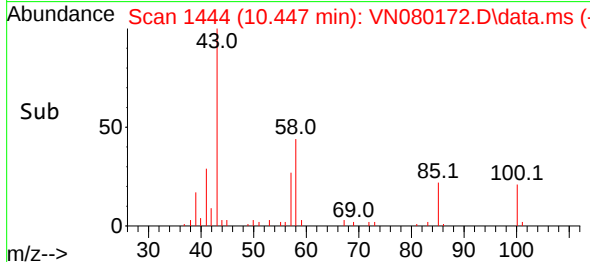
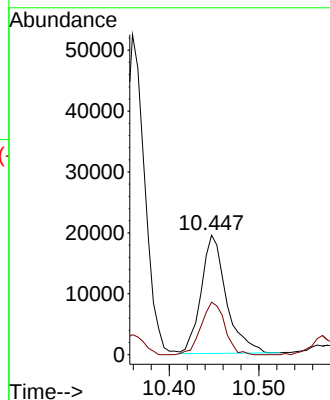
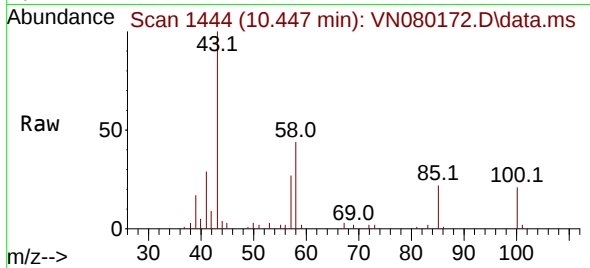




#51
4-Methyl-2-Pentanone
Concen: 15.395 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

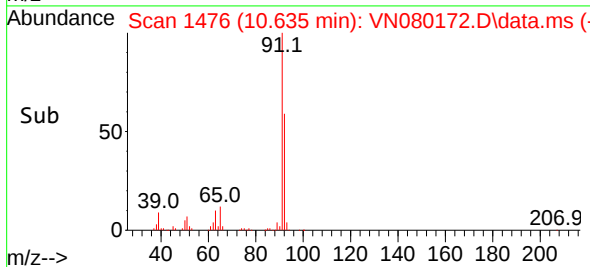
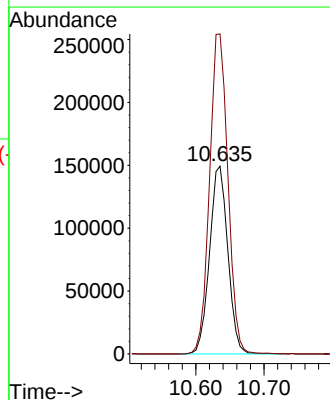
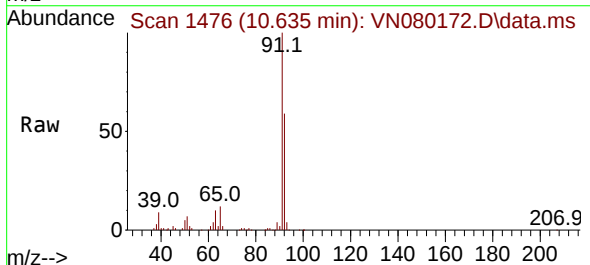
Instrument :
MSVOA_N
ClientSampleId :
S-24

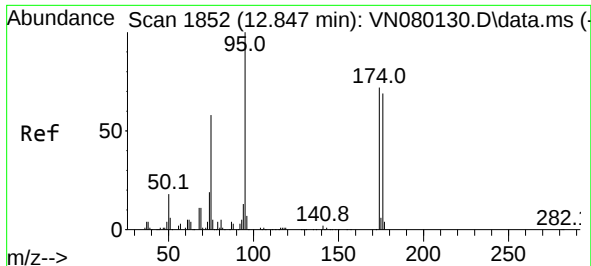
Tgt Ion: 43 Resp: 37946
Ion Ratio Lower Upper
43 100
58 41.5 36.6 54.8



#52
Toluene
Concen: 44.414 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Tgt Ion: 92 Resp: 278630
Ion Ratio Lower Upper
92 100
91 171.2 137.4 206.0

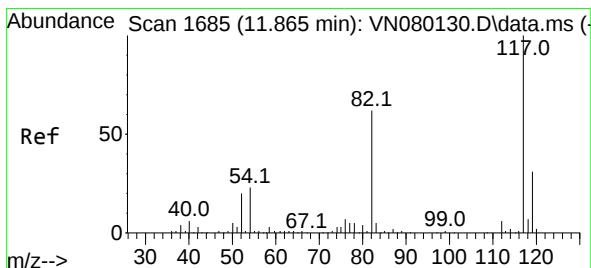
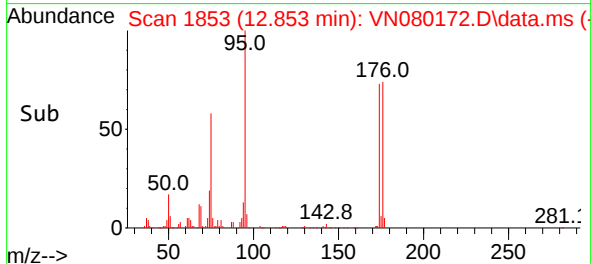
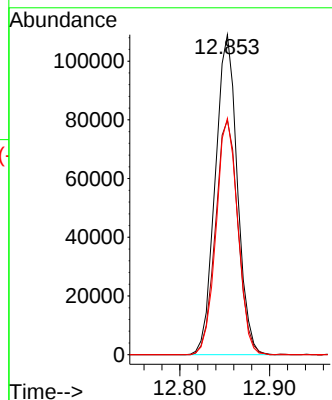
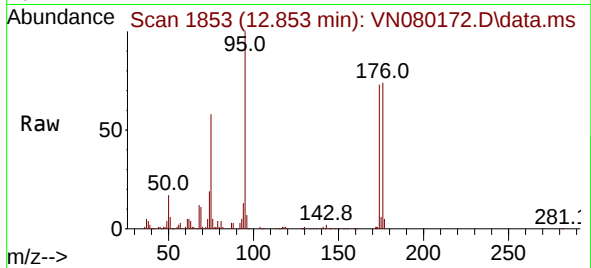




#62
4-Bromofluorobenzene
Concen: 56.060 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

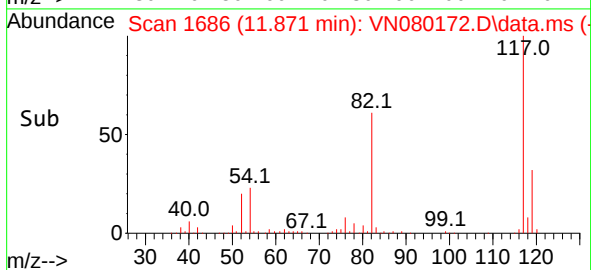
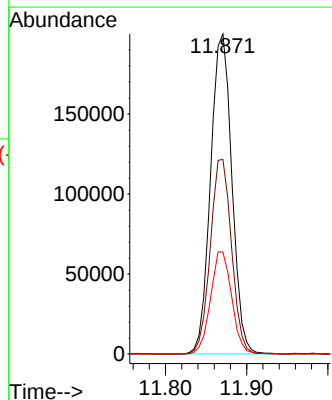
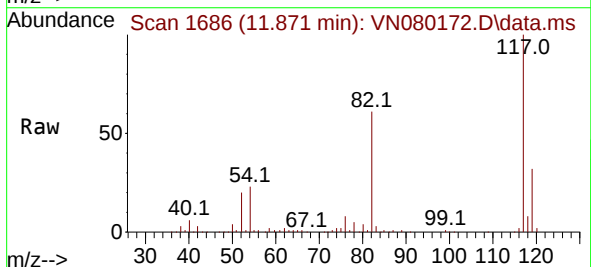
Instrument :
MSVOA_N
ClientSampleId :
S-24

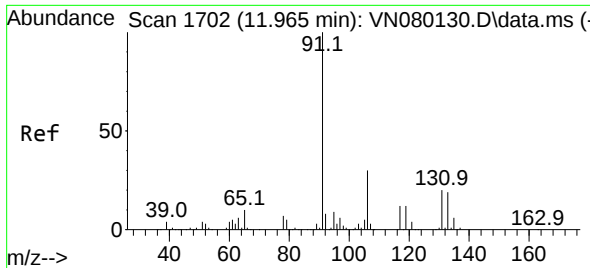
Tgt Ion: 95 Resp: 185955
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 72.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Tgt Ion: 117 Resp: 363920
Ion Ratio Lower Upper
117 100
82 60.8 44.0 66.0
119 31.9 25.6 38.4

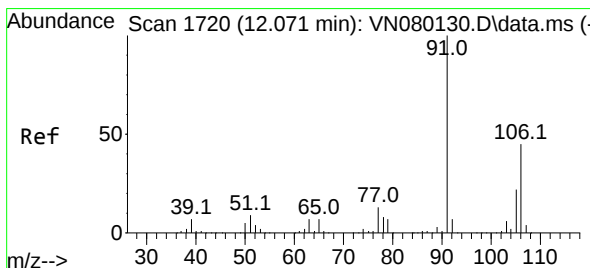
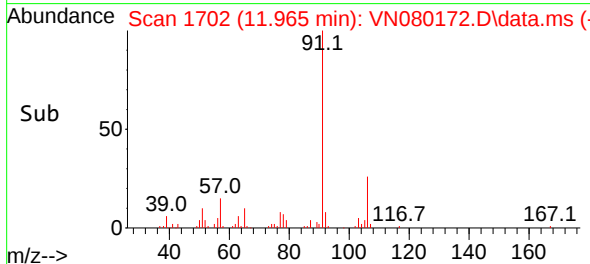
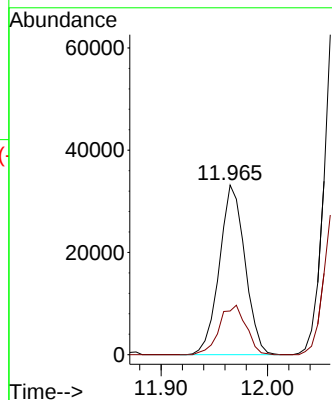
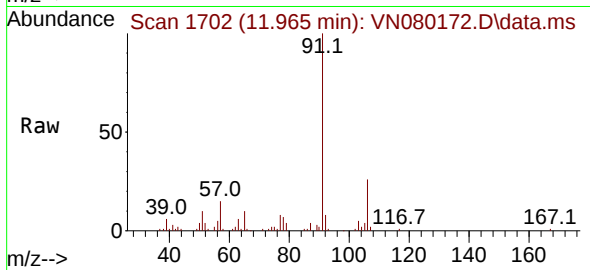




#67
Ethyl Benzene
Concen: 3.768 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

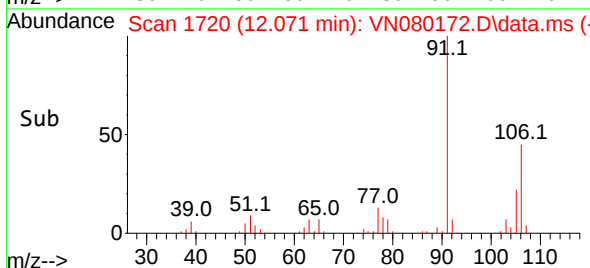
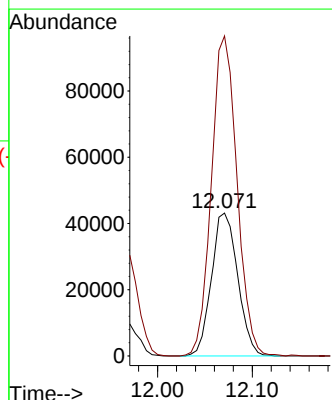
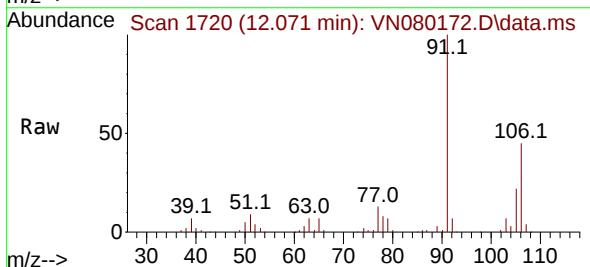
Instrument :
MSVOA_N
ClientSampleId :
S-24

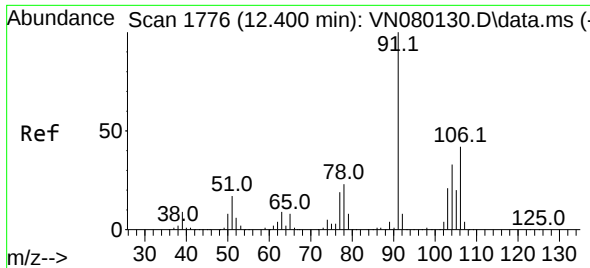
Tgt Ion: 91 Resp: 55292
Ion Ratio Lower Upper
91 100
106 25.8 25.6 38.4



#68
m/p-Xylenes
Concen: 15.499 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Tgt Ion:106 Resp: 82919
Ion Ratio Lower Upper
106 100
91 218.8 159.6 239.4

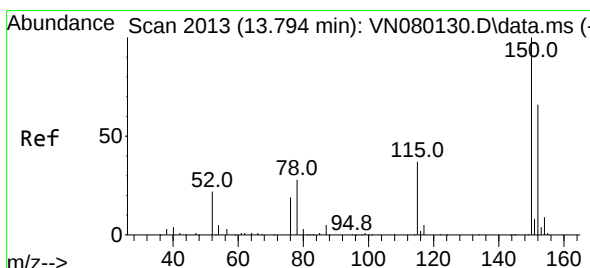
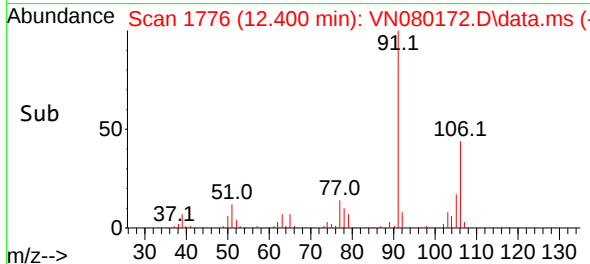
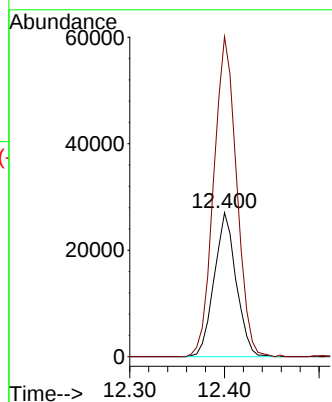
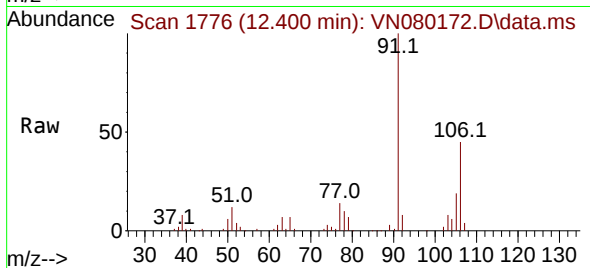




#69
o-Xylene
Concen: 8.667 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

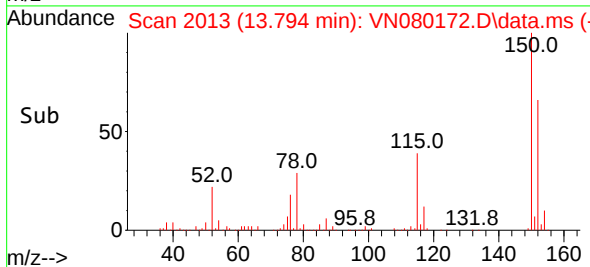
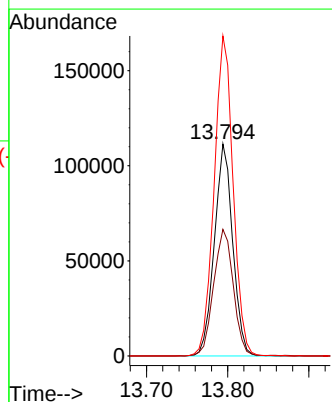
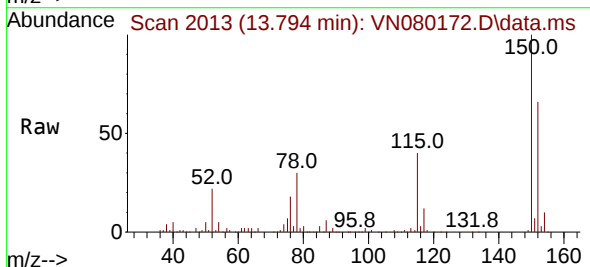
Instrument :
MSVOA_N
ClientSampleId :
S-24

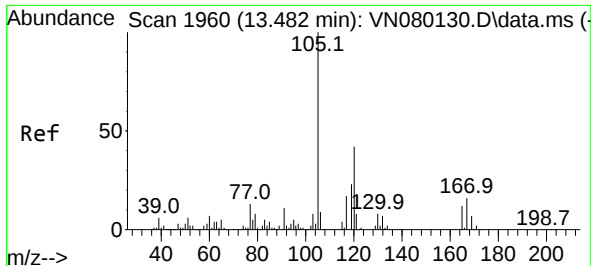
Tgt Ion:106 Resp: 43699
Ion Ratio Lower Upper
106 100
91 232.2 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Tgt Ion:152 Resp: 175234
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 155.9 0.0 355.8

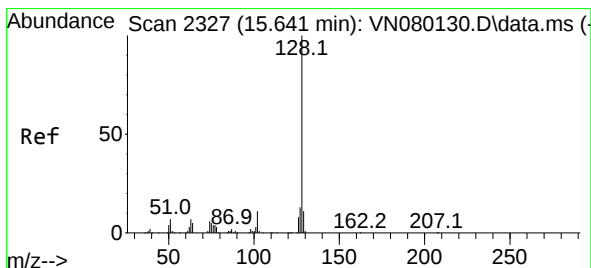
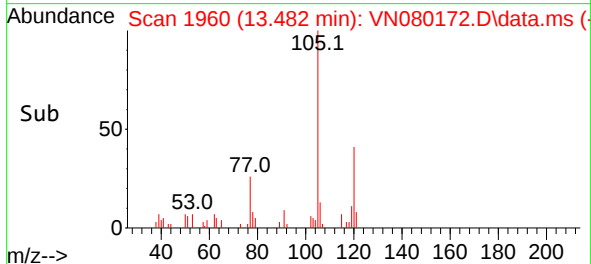
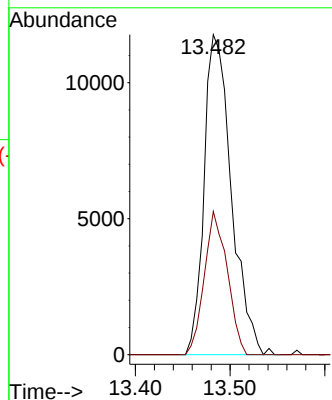
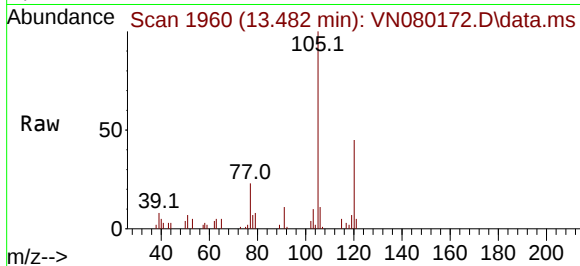




#84
1,2,4-Trimethylbenzene
Concen: 2.020 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Instrument :
MSVOA_N
ClientSampleId :
S-24

Tgt Ion:105 Resp: 23581
Ion Ratio Lower Upper
105 100
120 37.6 22.0 66.0



#95
Naphthalene
Concen: 17.442 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Tgt Ion:128 Resp: 174115
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.2 8.7 13.1

