

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080174.D
 Acq On : 17 Nov 2023 19:39
 Operator : JC\MD
 Sample : 05462-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-26

Quant Time: Nov 18 02:37:43 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	169647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	321714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	349194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	164631	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	152996	54.619	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.240%
35) Dibromofluoromethane	8.171	113	119805	50.469	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.940%
50) Toluene-d8	10.571	98	442517	51.713	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.420%
62) 4-Bromofluorobenzene	12.853	95	181816	56.252	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.500%

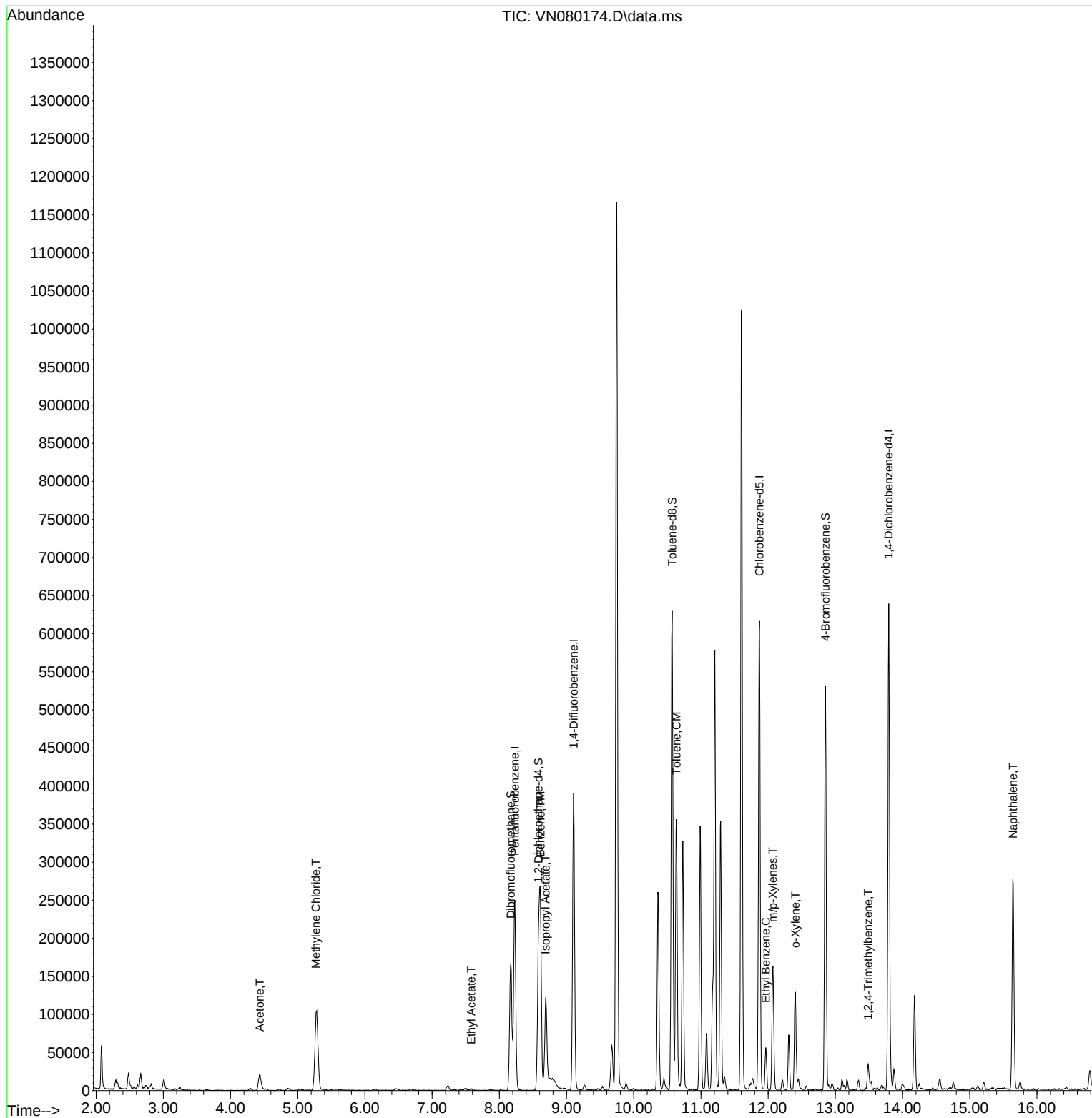
Target Compounds					Qvalue	
16) Acetone	4.436	43	39818	42.322	ug/l	# 81
20) Methylene Chloride	5.271	84	89505	45.428	ug/l	96
37) Ethyl Acetate	7.583	43	3067	1.287	ug/l	# 84
40) Benzene	8.612	78	235170	24.076	ug/l	97
43) Isopropyl Acetate	8.688	43	151960	32.757	ug/l	# 80
52) Toluene	10.635	92	161391	26.402	ug/l	98
67) Ethyl Benzene	11.965	91	31271	2.221	ug/l	95
68) m/p-Xylenes	12.071	106	50361	9.810	ug/l	90
69) o-Xylene	12.406	106	30524	6.309	ug/l	78
84) 1,2,4-Trimethylbenzene	13.488	105	21757	1.984	ug/l	84
95) Naphthalene	15.647	128	254138	27.097	ug/l	99

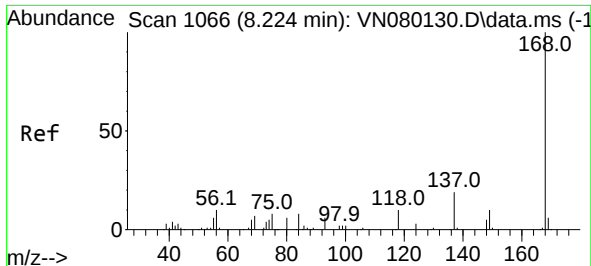
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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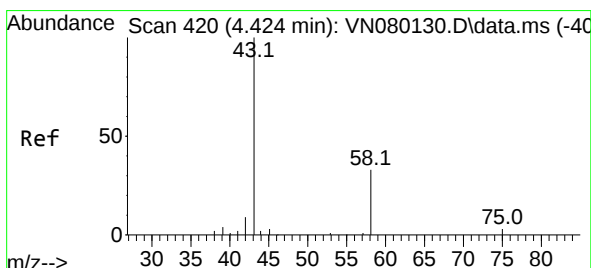
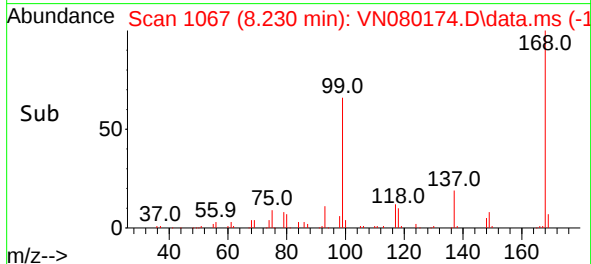
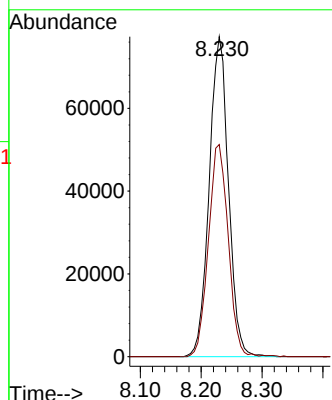
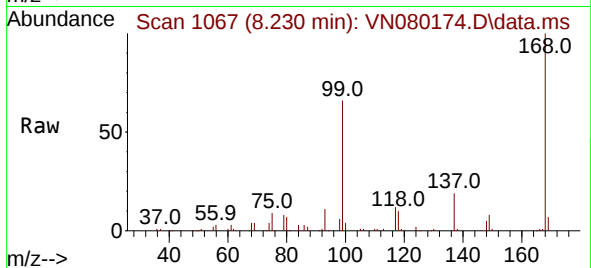




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080174.D
Acq: 17 Nov 2023 19:39

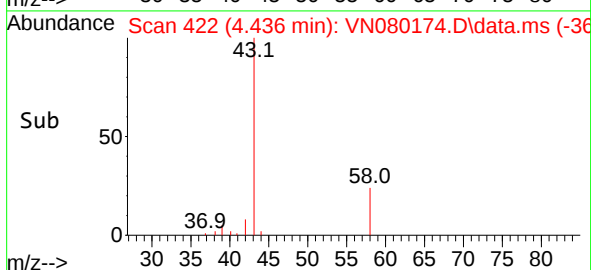
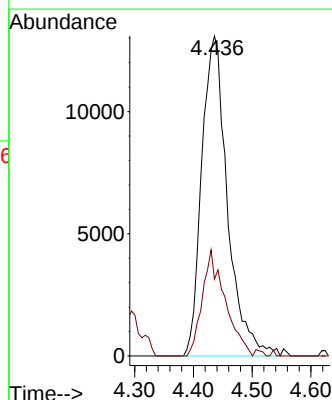
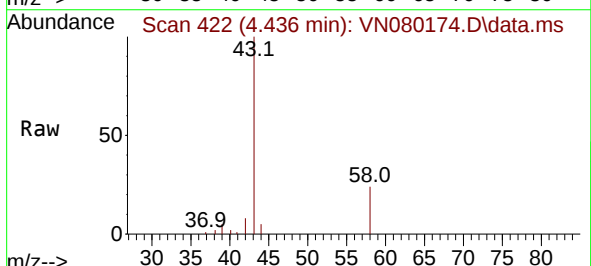
Instrument :
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ClientSampleId :
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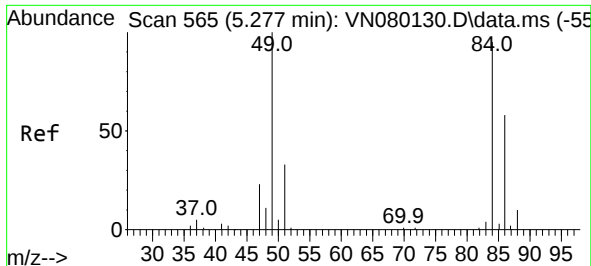
Tgt Ion:168 Resp: 169647
Ion Ratio Lower Upper
168 100
99 66.3 53.0 79.6



#16
Acetone
Concen: 42.322 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080174.D
Acq: 17 Nov 2023 19:39

Tgt Ion: 43 Resp: 39818
Ion Ratio Lower Upper
43 100
58 24.0 28.0 42.0#

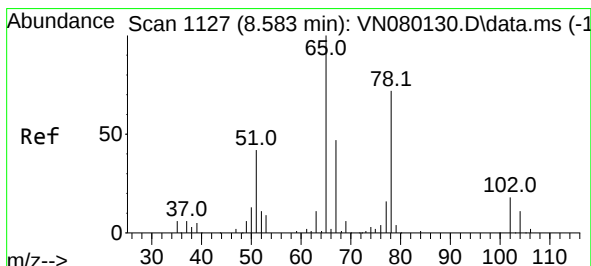
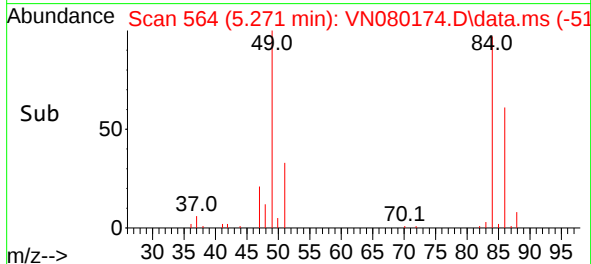
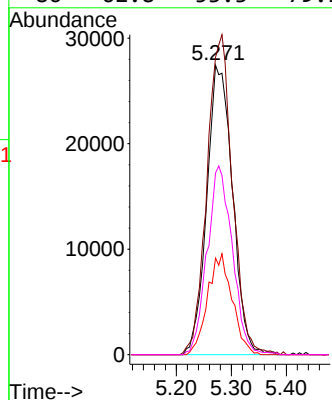
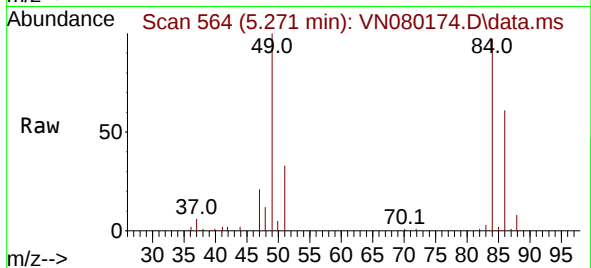




#20
Methylene Chloride
Concen: 45.428 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN080174.D
Acq: 17 Nov 2023 19:39

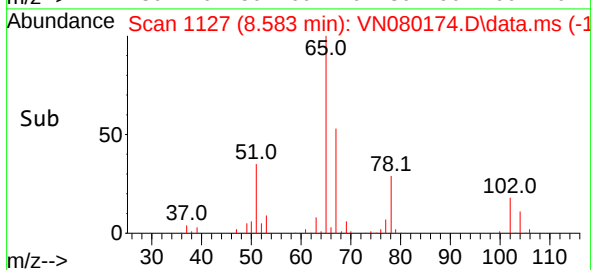
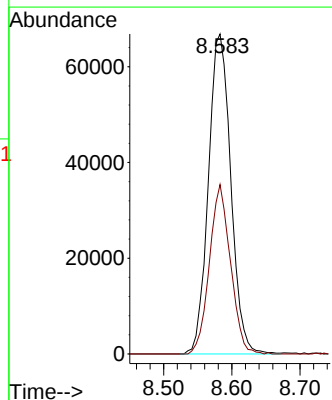
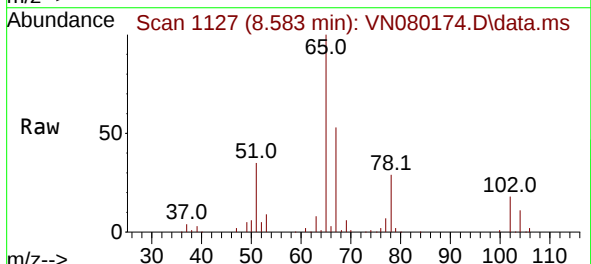
Instrument :
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ClientSampleId :
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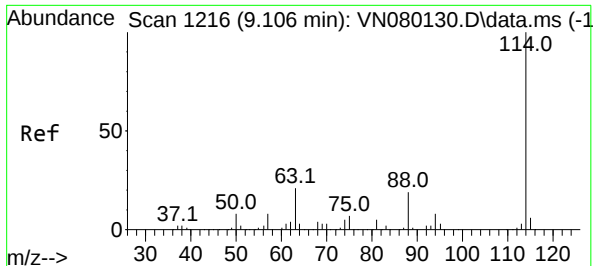
Tgt Ion:	84	Resp:	89505
Ion	Ratio	Lower	Upper
84	100		
49	102.7	79.7	119.5
51	33.4	25.2	37.8
86	62.8	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 54.619 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080174.D
Acq: 17 Nov 2023 19:39

Tgt Ion:	65	Resp:	152996
Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	106.6

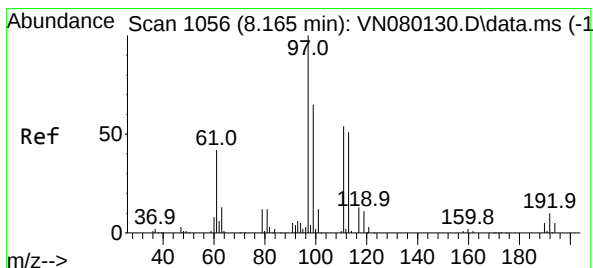
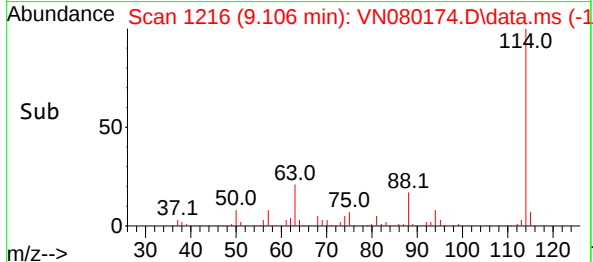
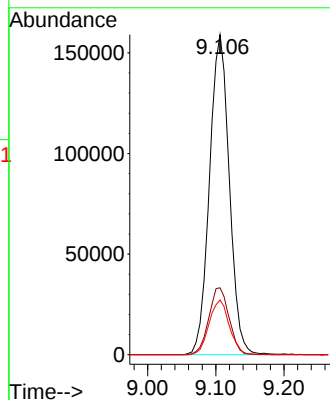
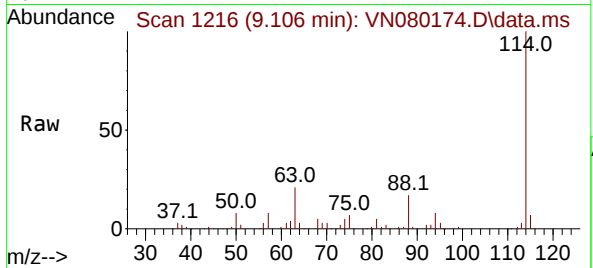




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080174.D
Acq: 17 Nov 2023 19:39

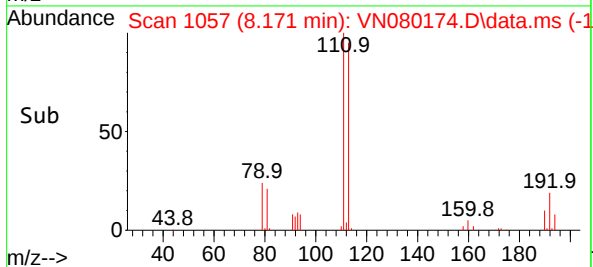
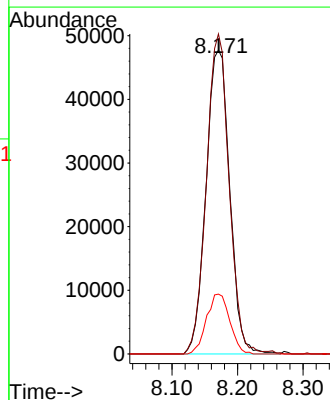
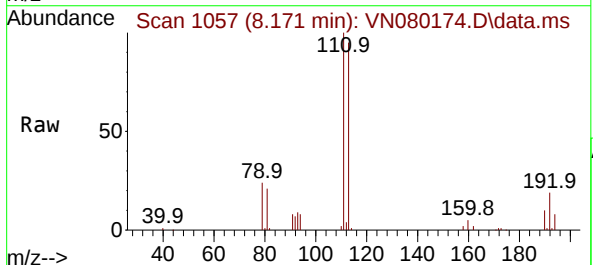
Instrument :
MSVOA_N
ClientSampleId :
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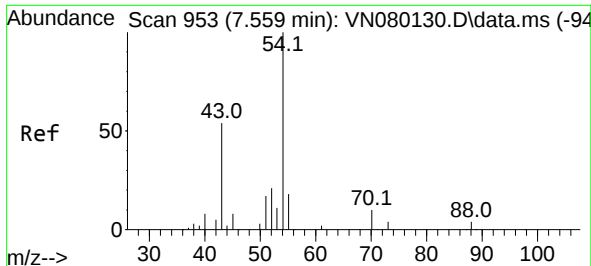
Tgt Ion:114 Resp: 321714
Ion Ratio Lower Upper
114 100
63 20.9 0.0 36.4
88 17.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.469 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080174.D
Acq: 17 Nov 2023 19:39

Tgt Ion:113 Resp: 119805
Ion Ratio Lower Upper
113 100
111 101.3 82.6 123.8
192 19.3 12.7 19.1#

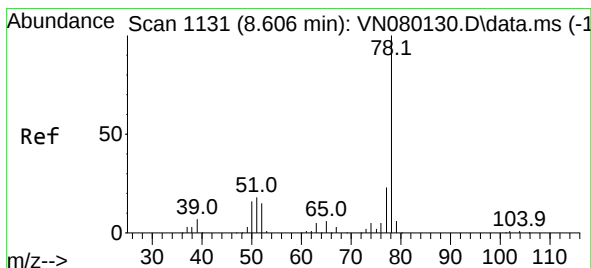
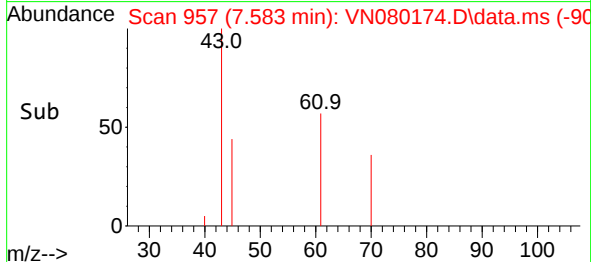
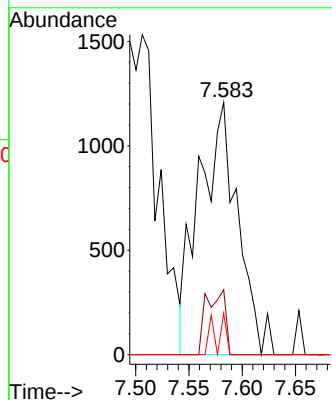
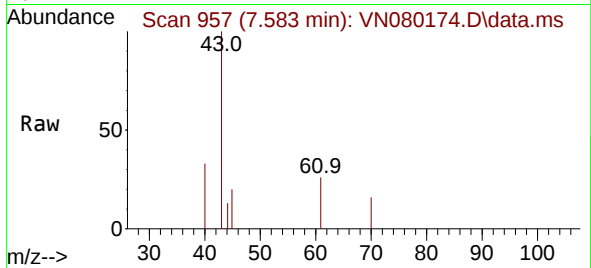




#37
Ethyl Acetate
Concen: 1.287 ug/l
RT: 7.583 min Scan# 91
Delta R.T. 0.024 min
Lab File: VN080174.D
Acq: 17 Nov 2023 19:39

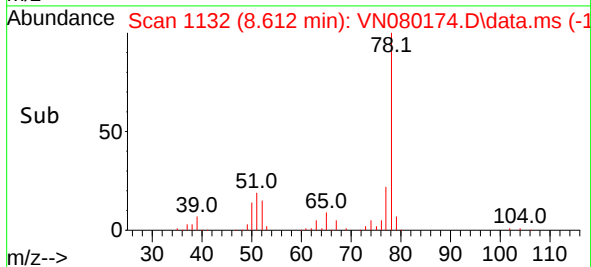
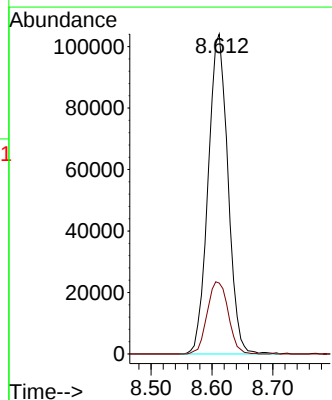
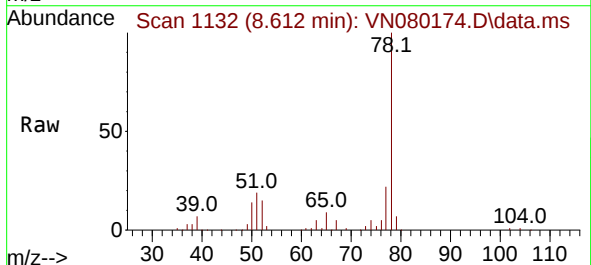
Instrument :
MSVOA_N
ClientSampleId :
S-26

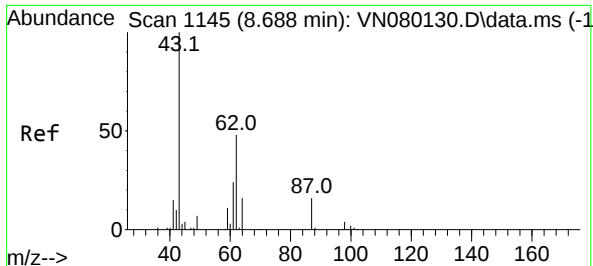
Tgt Ion: 43 Resp: 3067
Ion Ratio Lower Upper
43 100
61 12.6 13.2 19.8#
70 4.5 11.3 16.9#



#40
Benzene
Concen: 24.076 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN080174.D
Acq: 17 Nov 2023 19:39

Tgt Ion: 78 Resp: 235170
Ion Ratio Lower Upper
78 100
77 22.2 19.0 28.6





#43

Isopropyl Acetate

Concen: 32.757 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080174.D

Acq: 17 Nov 2023 19:39

Instrument :

MSVOA_N

ClientSampleId :

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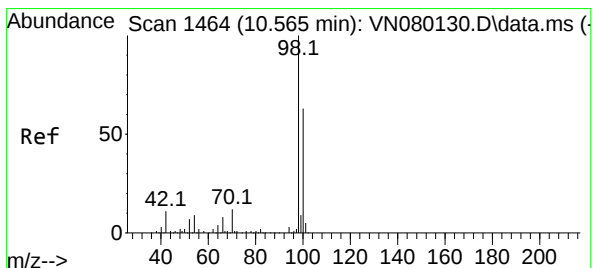
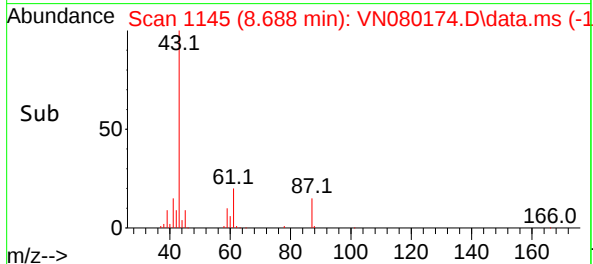
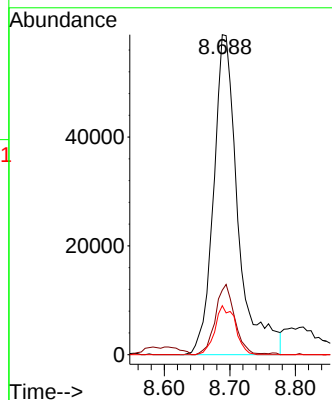
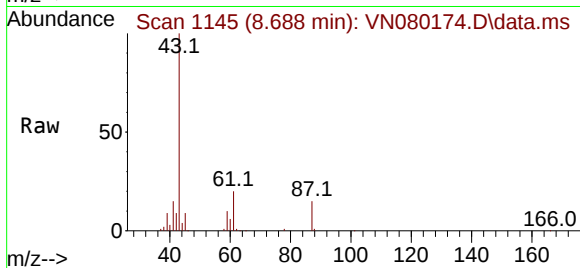
Tgt Ion: 43 Resp: 151960

Ion Ratio Lower Upper

43 100

61 17.4 24.7 37.1#

87 12.7 14.6 21.8#



#50

Toluene-d8

Concen: 51.713 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080174.D

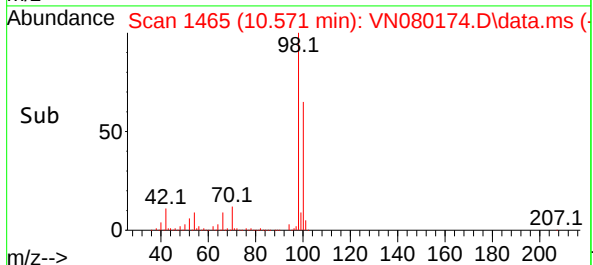
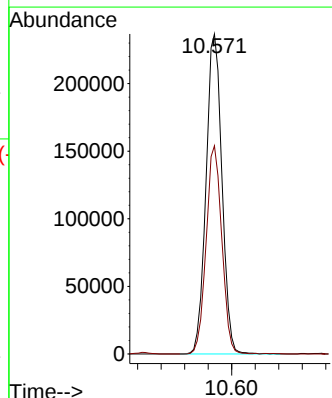
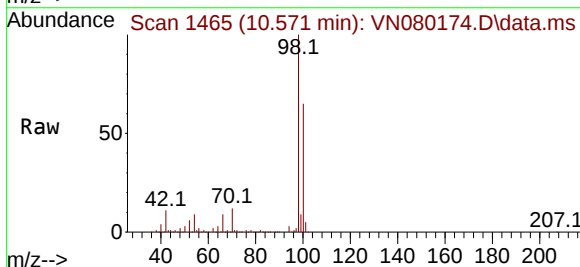
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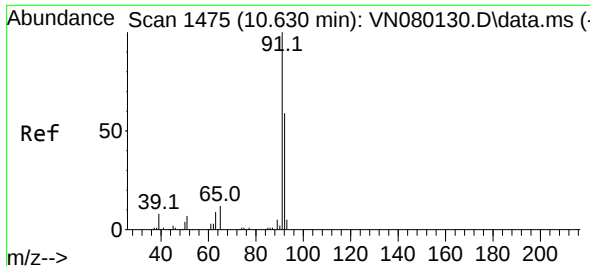
Tgt Ion: 98 Resp: 442517

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0

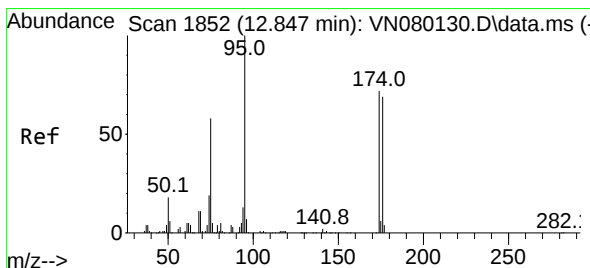
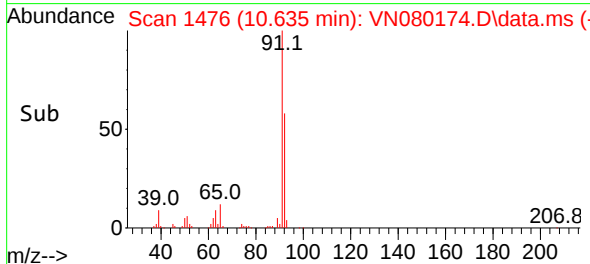
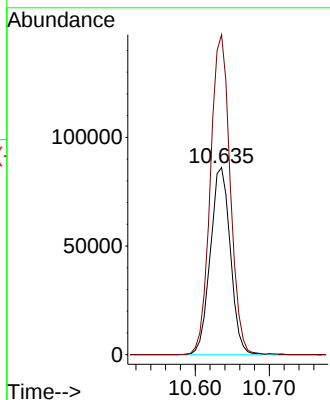
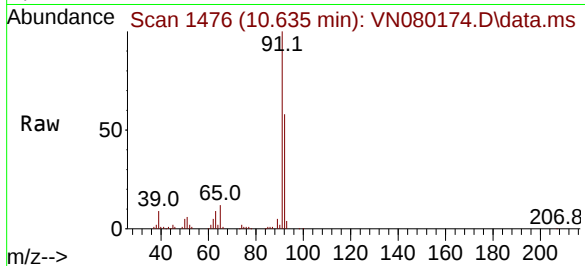




#52
Toluene
Concen: 26.402 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN080174.D
Acq: 17 Nov 2023 19:39

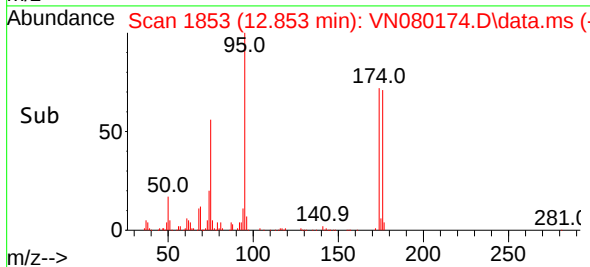
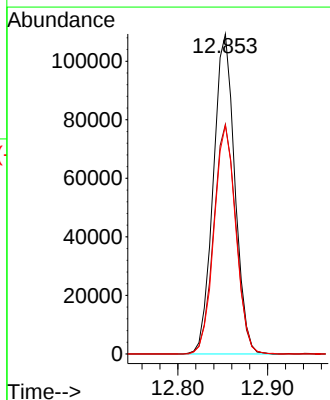
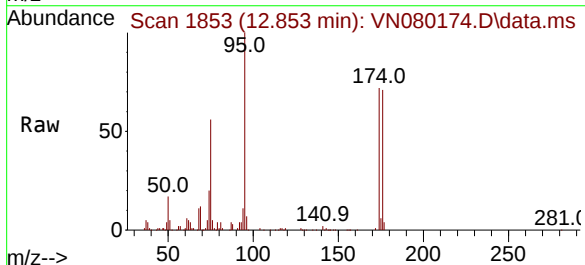
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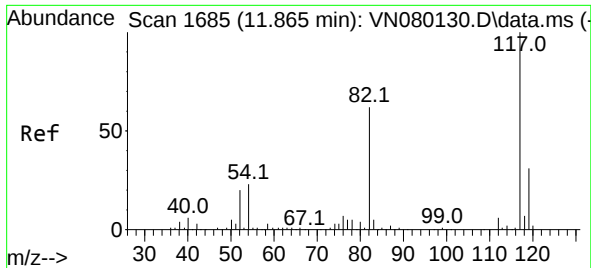
Tgt Ion: 92 Resp: 161391
Ion Ratio Lower Upper
92 100
91 169.2 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 56.252 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080174.D
Acq: 17 Nov 2023 19:39

Tgt Ion: 95 Resp: 181816
Ion Ratio Lower Upper
95 100
174 74.0 0.0 143.8
176 72.1 0.0 135.8

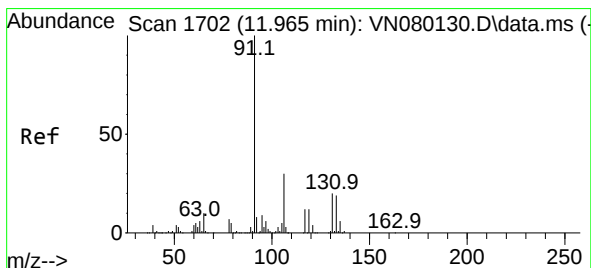
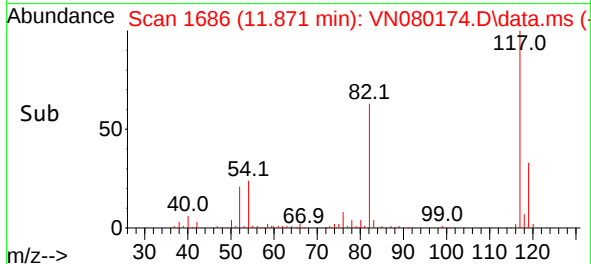
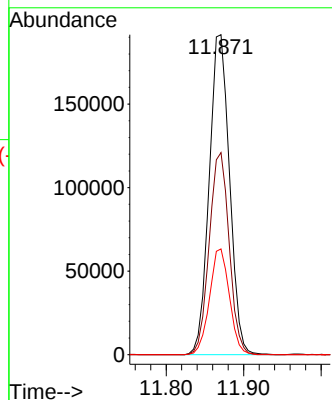
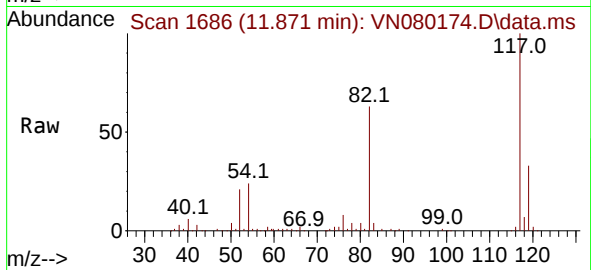




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080174.D
Acq: 17 Nov 2023 19:39

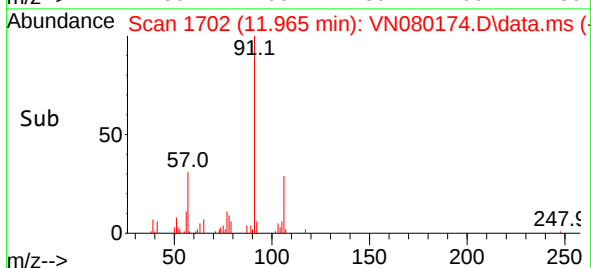
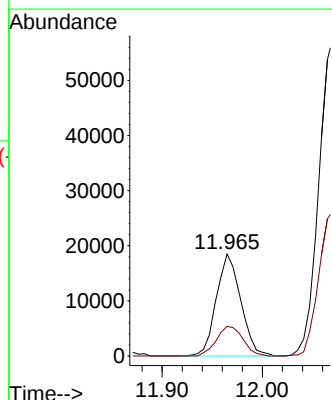
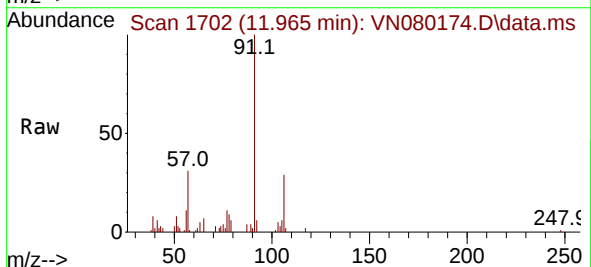
Instrument :
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ClientSampleId :
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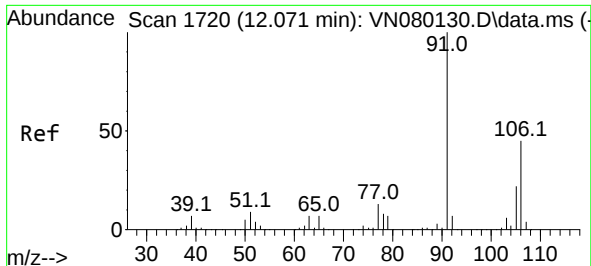
Tgt Ion:117 Resp: 349194
Ion Ratio Lower Upper
117 100
82 63.2 44.0 66.0
119 33.1 25.6 38.4



#67
Ethyl Benzene
Concen: 2.221 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080174.D
Acq: 17 Nov 2023 19:39

Tgt Ion: 91 Resp: 31271
Ion Ratio Lower Upper
91 100
106 29.0 25.6 38.4

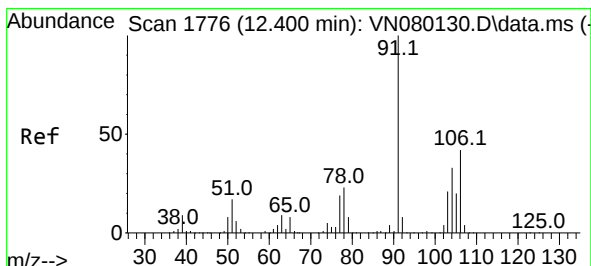
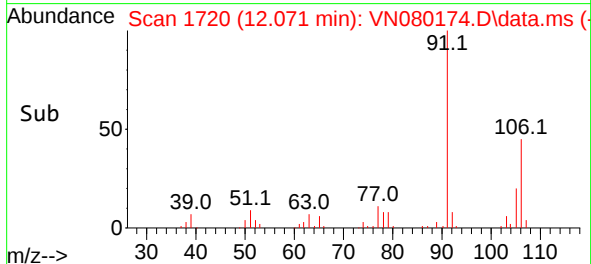
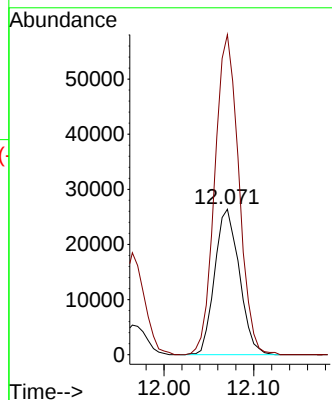
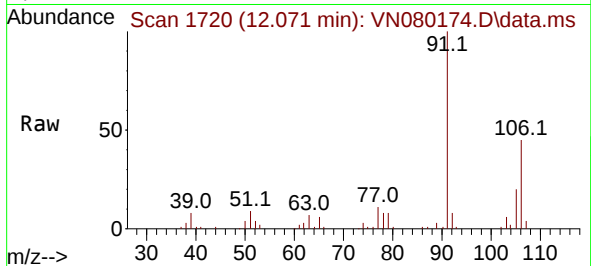




#68
m/p-Xylenes
Concen: 9.810 ug/l
RT: 12.071 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080174.D
Acq: 17 Nov 2023 19:39

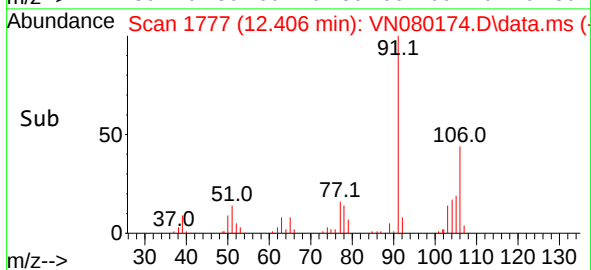
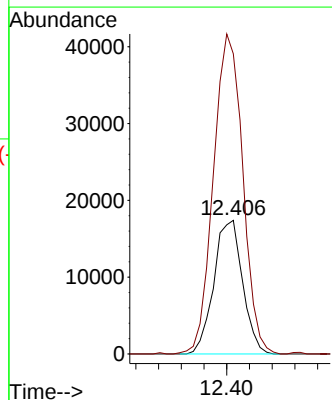
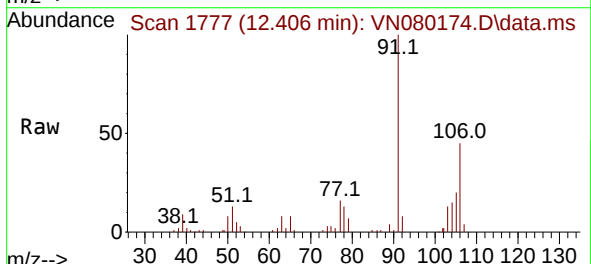
Instrument :
MSVOA_N
ClientSampleId :
S-26

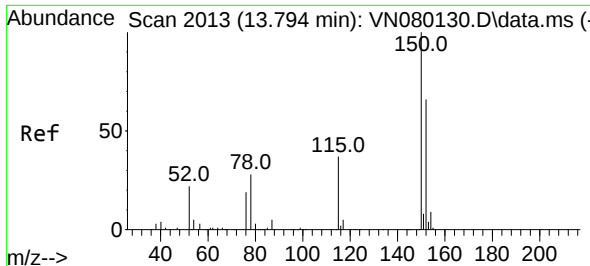
Tgt Ion:106 Resp: 50361
Ion Ratio Lower Upper
106 100
91 214.7 159.6 239.4



#69
o-Xylene
Concen: 6.309 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN080174.D
Acq: 17 Nov 2023 19:39

Tgt Ion:106 Resp: 30524
Ion Ratio Lower Upper
106 100
91 245.1 105.2 315.5

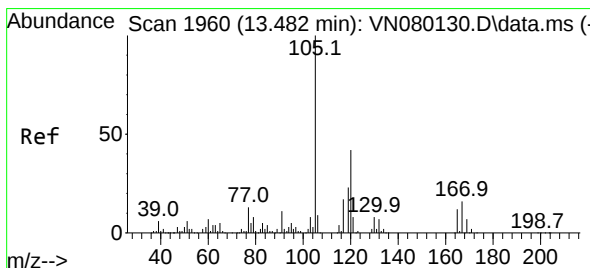
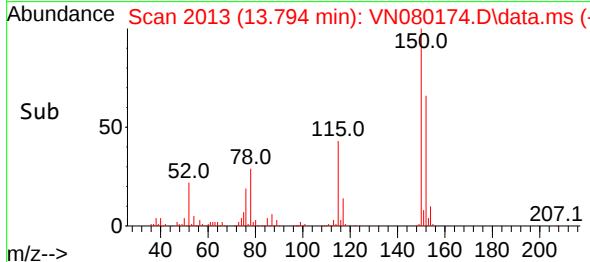
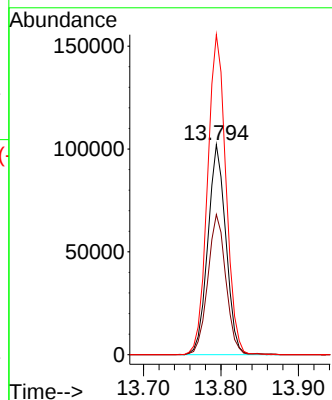
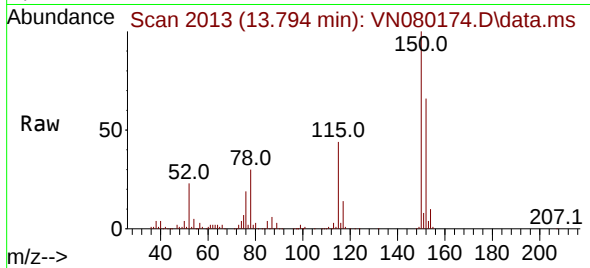




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN080174.D
 Acq: 17 Nov 2023 19:39

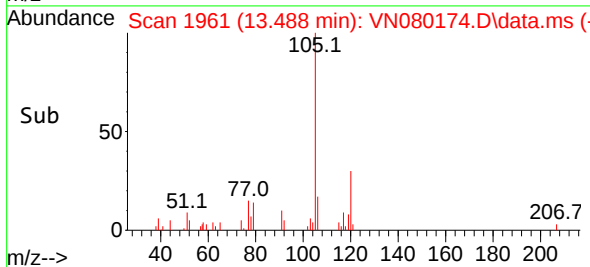
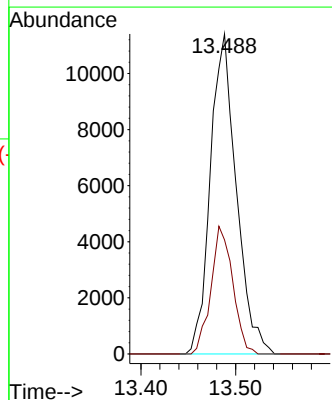
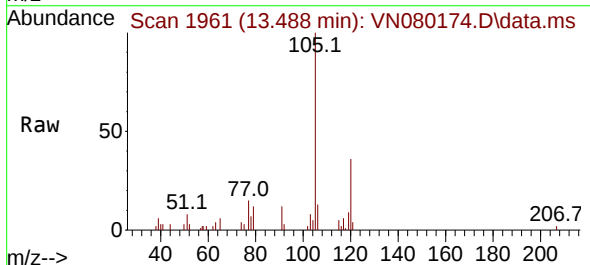
Instrument :
 MSVOA_N
 ClientSampleId :
 S-26

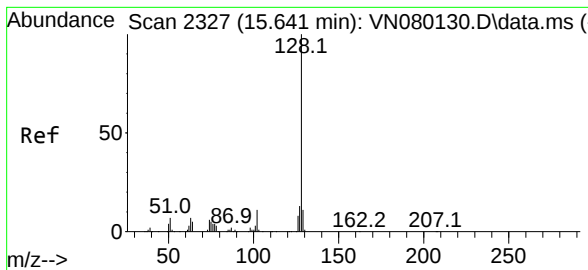
Tgt Ion:152 Resp: 164631
 Ion Ratio Lower Upper
 152 100
 115 67.1 32.3 96.8
 150 155.7 0.0 355.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.984 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN080174.D
 Acq: 17 Nov 2023 19:39

Tgt Ion:105 Resp: 21757
 Ion Ratio Lower Upper
 105 100
 120 33.5 22.0 66.0





#95
Naphthalene
Concen: 27.097 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080174.D
Acq: 17 Nov 2023 19:39

Instrument :
MSVOA_N
ClientSampleId :
S-26

Tgt Ion:	128	Resp:	254138
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.0	15.0
129	11.3	8.7	13.1

