

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021623\
 Data File : VN076710.D
 Acq On : 16 Feb 2023 14:39
 Operator : JC\MD
 Sample : 01563-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1928

Quant Time: Feb 17 00:11:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

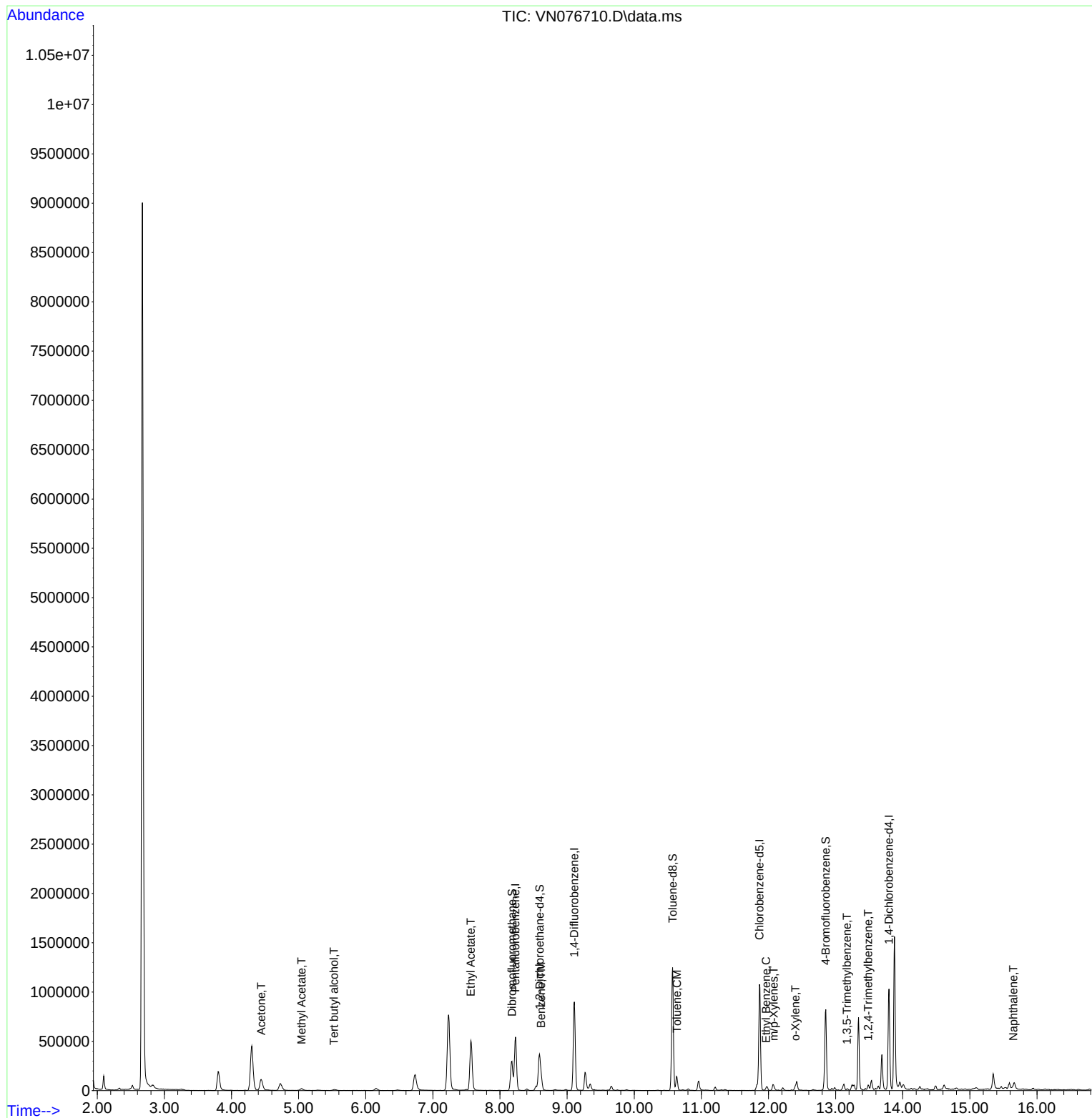
Internal Standards						
1) Pentafluorobenzene	8.231	168	393901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	686152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	598975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	263274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	270436	49.720	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.440%		
35) Dibromofluoromethane	8.178	113	214332	47.698	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.400%		
50) Toluene-d8	10.572	98	824727	49.146	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.300%		
62) 4-Bromofluorobenzene	12.854	95	262967	47.313	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.620%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.525	59	16273	22.666	ug/l	95
16) Acetone	4.443	43	214554	88.307	ug/l	98
18) Methyl Acetate	5.043	43	37808	4.767	ug/l	99
37) Ethyl Acetate	7.566	43	778618	113.986	ug/l	98
40) Benzene	8.613	78	120285	6.033	ug/l	99
52) Toluene	10.636	92	57949	4.814	ug/l	96
67) Ethyl Benzene	11.966	91	10827	0.501	ug/l	92
68) m/p-Xylenes	12.077	106	19546	2.345	ug/l	100
69) o-Xylene	12.401	106	9181	1.129	ug/l	89
80) 1,3,5-Trimethylbenzene	13.172	105	6705	0.420	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	22221	1.398	ug/l	96
95) Naphthalene	15.648	128	22783	1.613	ug/l #	90

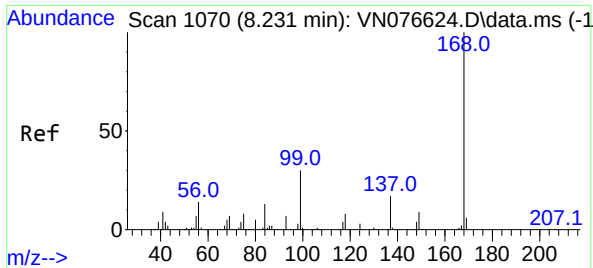
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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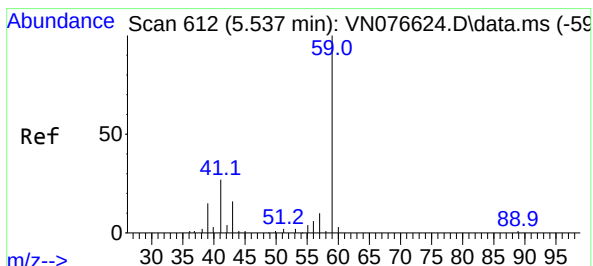
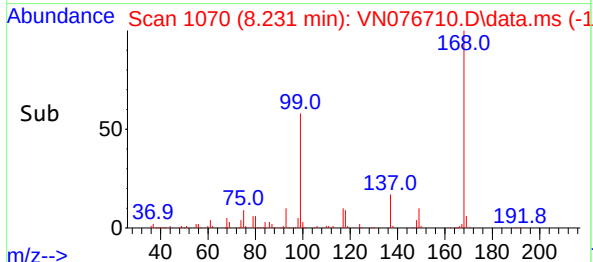
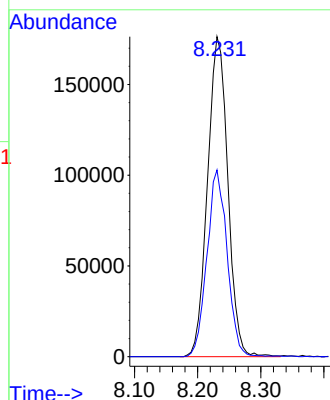
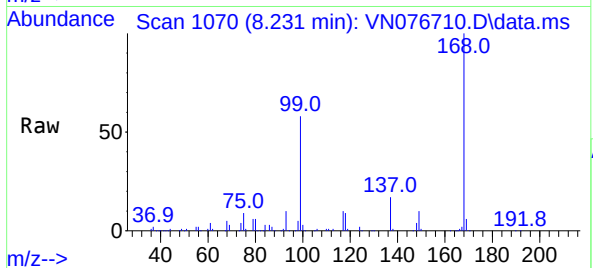




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076710.D
Acq: 16 Feb 2023 14:39

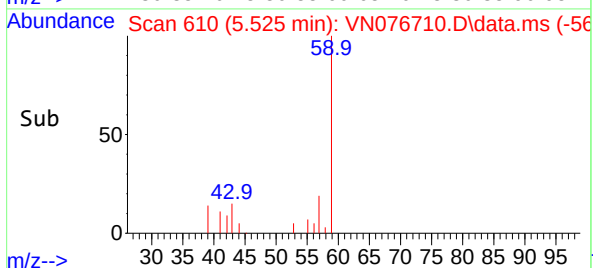
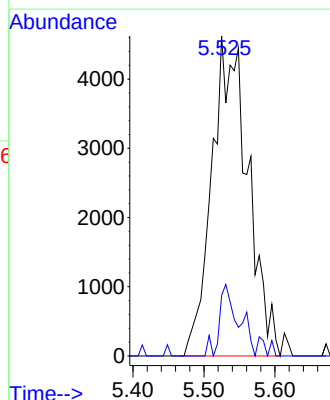
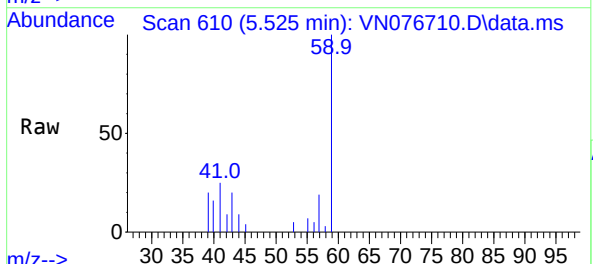
Instrument :
MSVOA_N
ClientSampleId :
AUD-1928

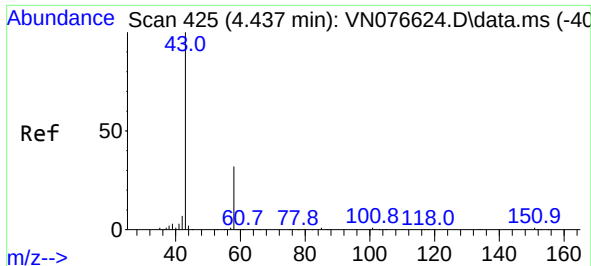
Tgt Ion:168 Resp: 393901
Ion Ratio Lower Upper
168 100
99 58.3 44.8 67.2



#11
Tert butyl alcohol
Concen: 22.666 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.012 min
Lab File: VN076710.D
Acq: 16 Feb 2023 14:39

Tgt Ion: 59 Resp: 16273
Ion Ratio Lower Upper
59 100
57 8.9 8.7 13.1

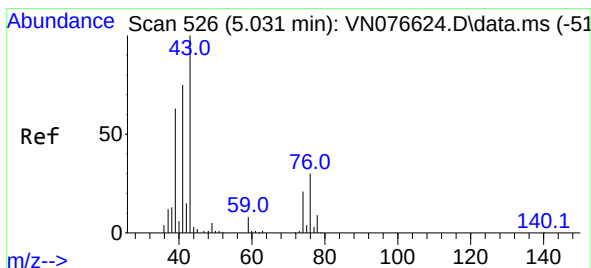
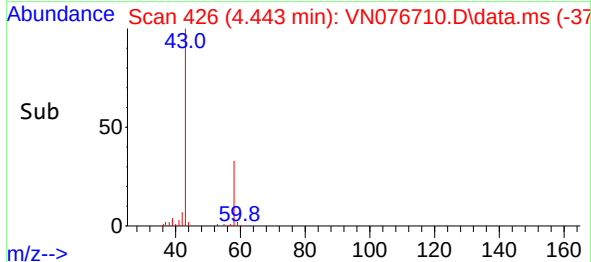
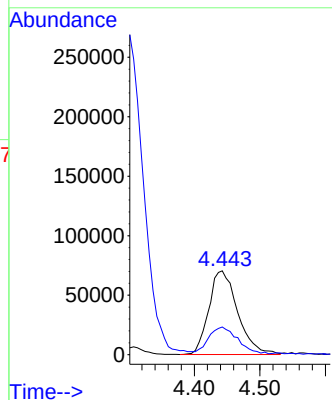
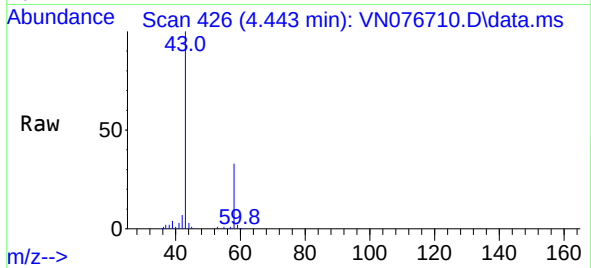




#16
Acetone
Concen: 88.307 ug/l
RT: 4.443 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076710.D
Acq: 16 Feb 2023 14:39

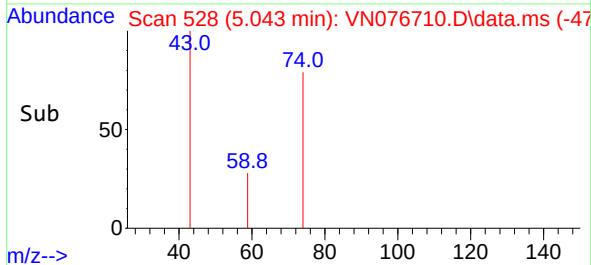
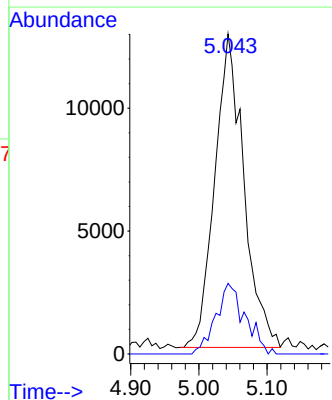
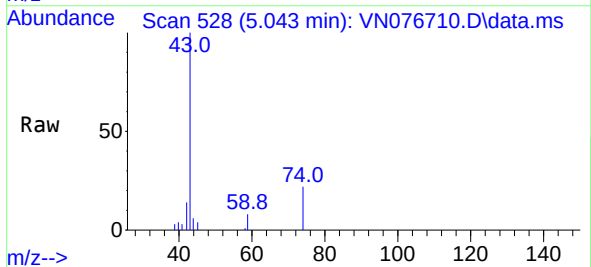
Instrument :
MSVOA_N
ClientSampleId :
AUD-1928

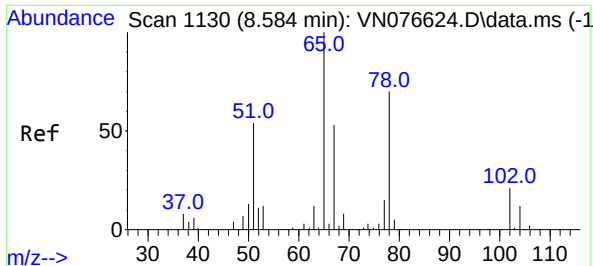
Tgt Ion: 43 Resp: 214554
Ion Ratio Lower Upper
43 100
58 31.0 25.9 38.9



#18
Methyl Acetate
Concen: 4.767 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.012 min
Lab File: VN076710.D
Acq: 16 Feb 2023 14:39

Tgt Ion: 43 Resp: 37808
Ion Ratio Lower Upper
43 100
74 22.6 17.7 26.5





#33

1,2-Dichloroethane-d4

Concen: 49.720 ug/l

RT: 8.589 min Scan# 1130

Delta R.T. 0.005 min

Lab File: VN076710.D

Acq: 16 Feb 2023 14:39

Instrument :

MSVOA_N

ClientSampleId :

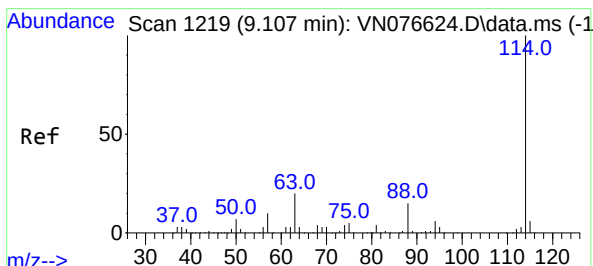
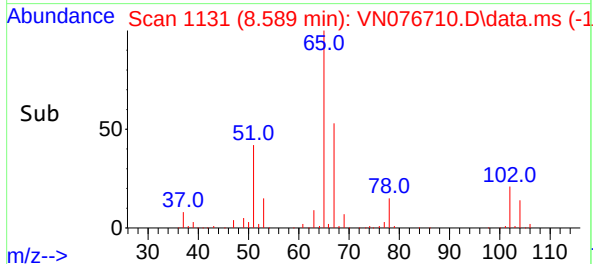
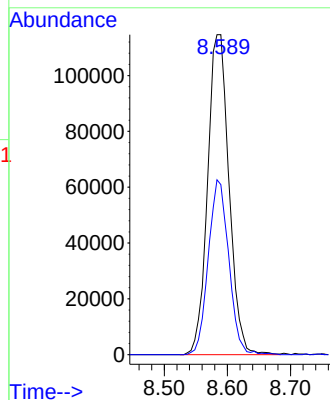
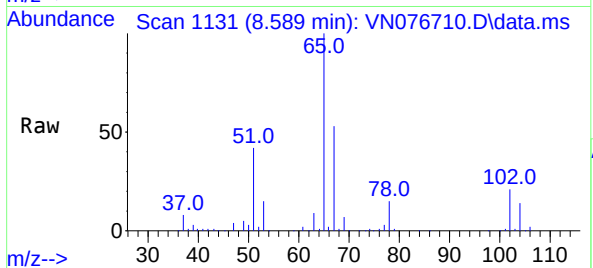
AUD-1928

Tgt Ion: 65 Resp: 270436

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076710.D

Acq: 16 Feb 2023 14:39

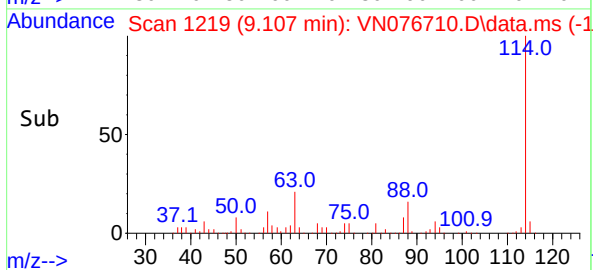
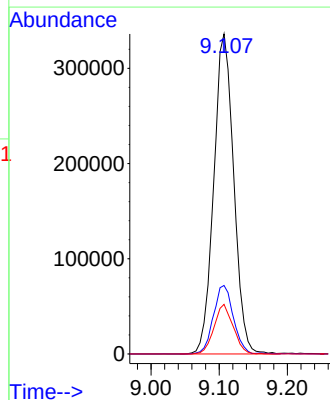
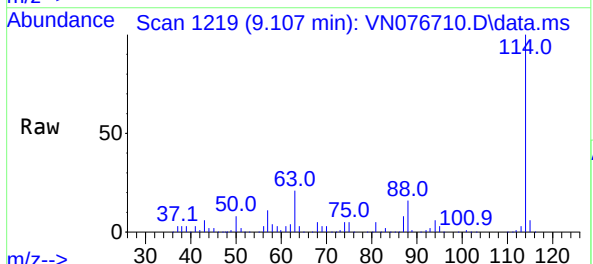
Tgt Ion: 114 Resp: 686152

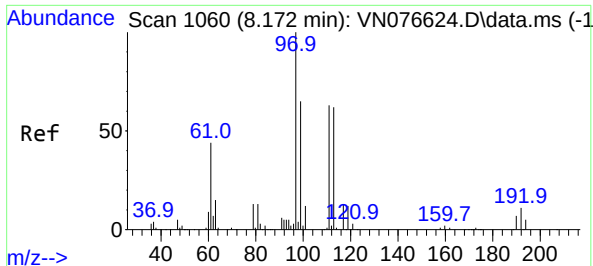
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 15.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 47.698 ug/l

RT: 8.178 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN076710.D

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Instrument :

MSVOA_N

ClientSampleId :

AUD-1928

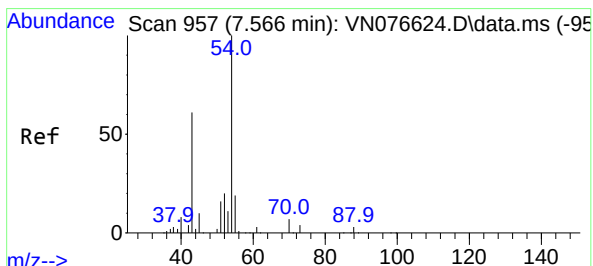
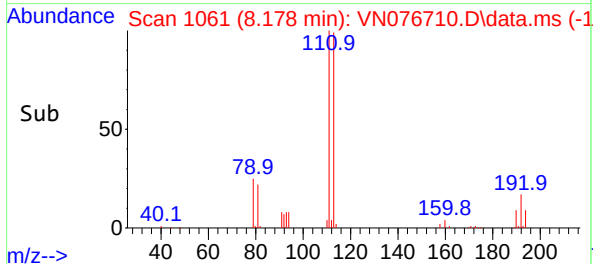
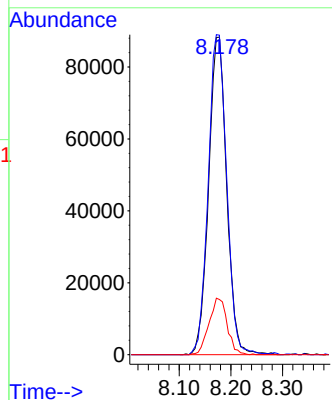
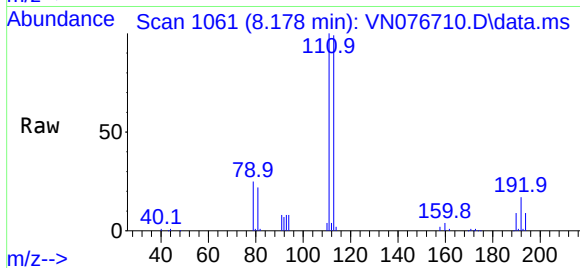
Tgt Ion:113 Resp: 214332

Ion Ratio Lower Upper

113 100

111 102.8 83.1 124.7

192 17.9 15.6 23.4



#37

Ethyl Acetate

Concen: 113.986 ug/l

RT: 7.566 min Scan# 957

Delta R.T. 0.000 min

Lab File: VN076710.D

Acq: 16 Feb 2023 14:39

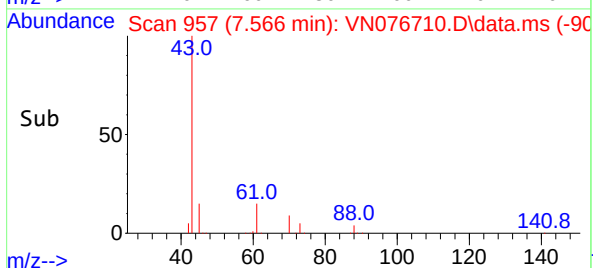
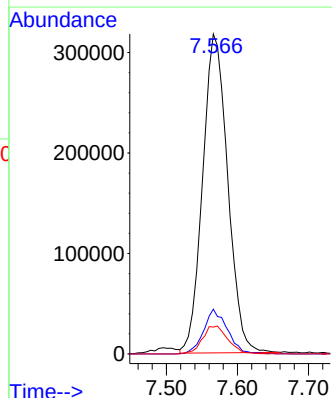
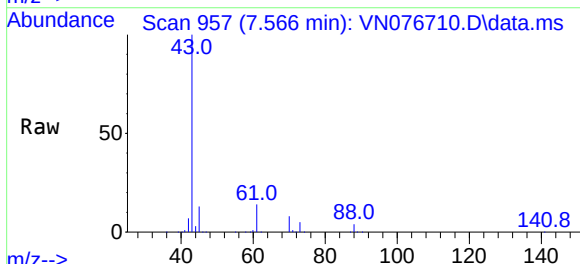
Tgt Ion: 43 Resp: 778618

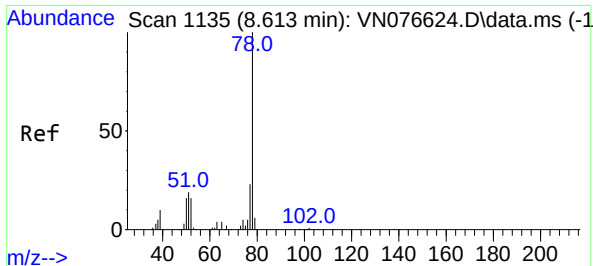
Ion Ratio Lower Upper

43 100

61 13.4 9.9 14.9

70 8.9 7.8 11.6

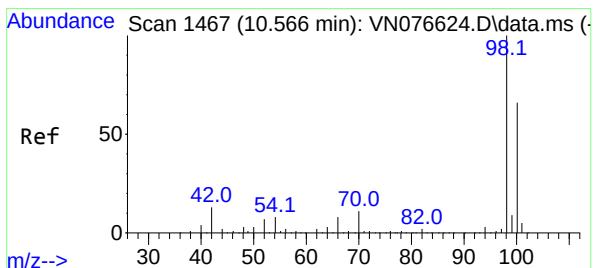
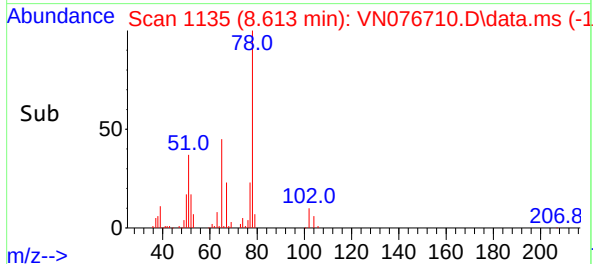
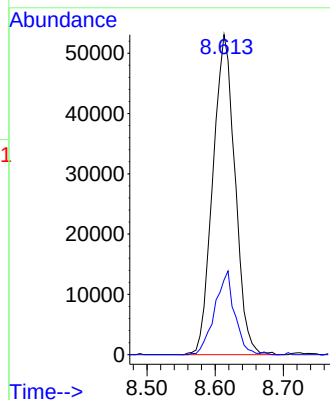
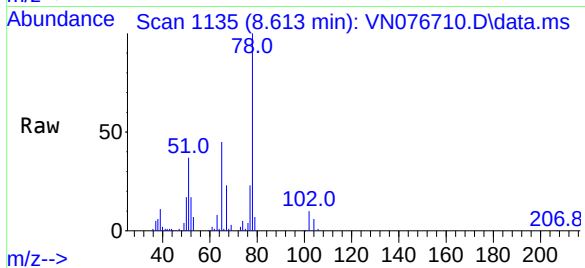




#40
Benzene
Concen: 6.033 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076710.D
Acq: 16 Feb 2023 14:39

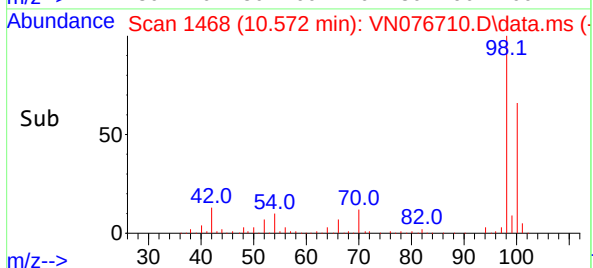
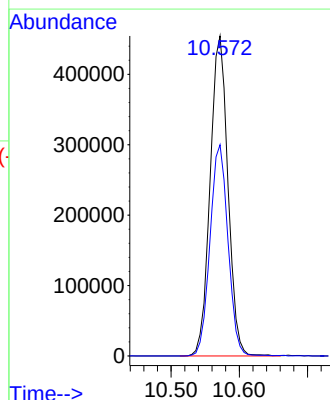
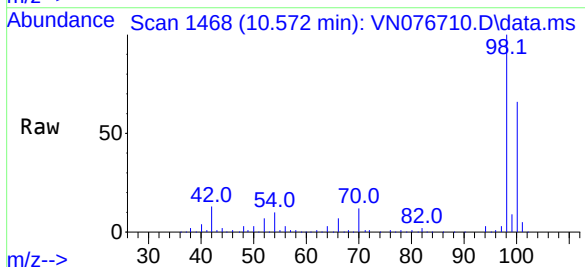
Instrument :
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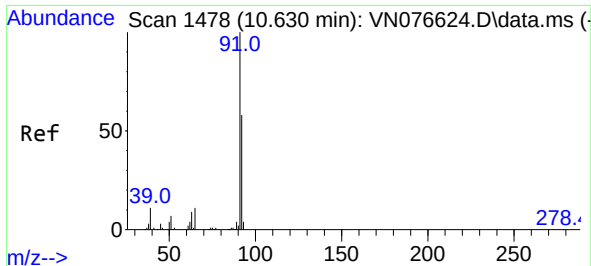
Tgt Ion: 78 Resp: 120285
Ion Ratio Lower Upper
78 100
77 23.4 18.2 27.4



#50
Toluene-d8
Concen: 49.146 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076710.D
Acq: 16 Feb 2023 14:39

Tgt Ion: 98 Resp: 824727
Ion Ratio Lower Upper
98 100
100 66.7 52.9 79.3

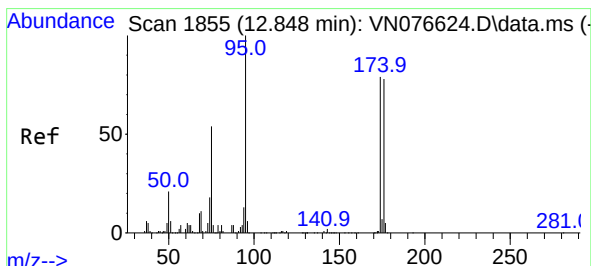
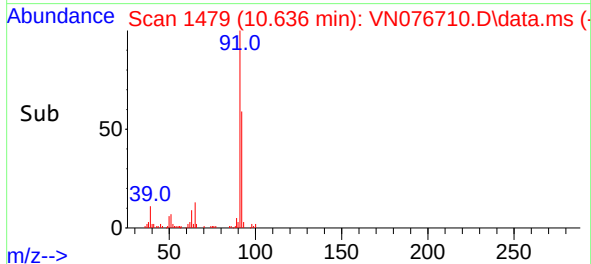
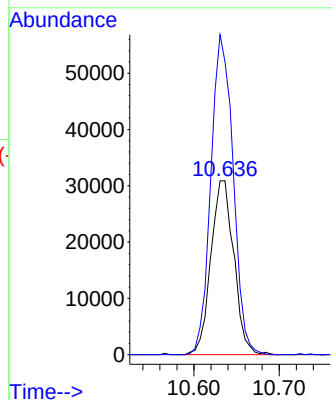
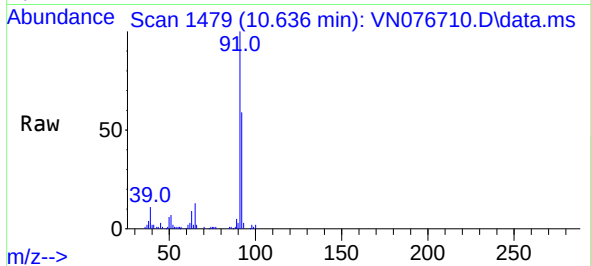




#52
Toluene
Concen: 4.814 ug/l
RT: 10.636 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VN076710.D
Acq: 16 Feb 2023 14:39

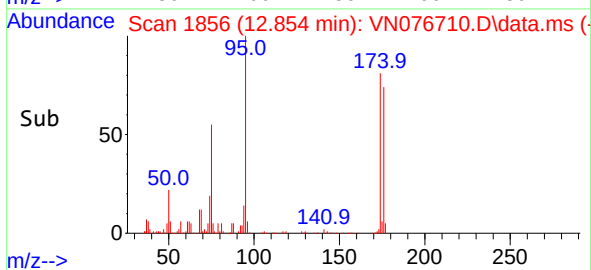
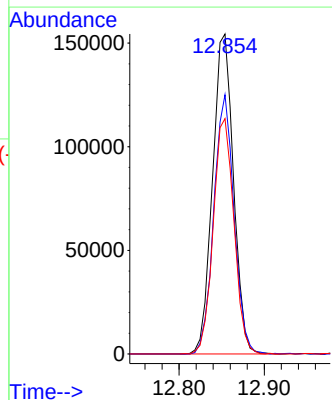
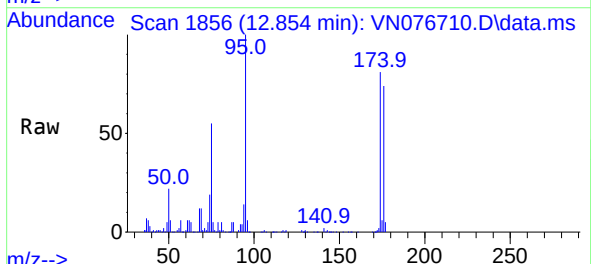
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MSVOA_N
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AUD-1928

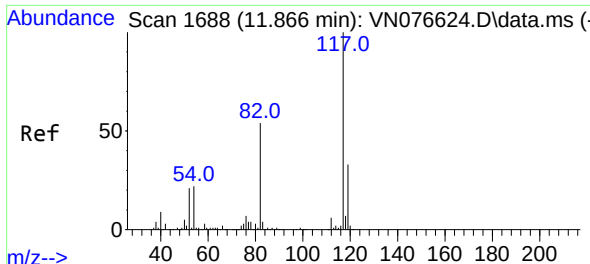
Tgt Ion: 92 Resp: 57949
Ion Ratio Lower Upper
92 100
91 177.9 138.0 207.0



#62
4-Bromofluorobenzene
Concen: 47.313 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076710.D
Acq: 16 Feb 2023 14:39

Tgt Ion: 95 Resp: 262967
Ion Ratio Lower Upper
95 100
174 78.6 0.0 169.2
176 72.9 0.0 163.4

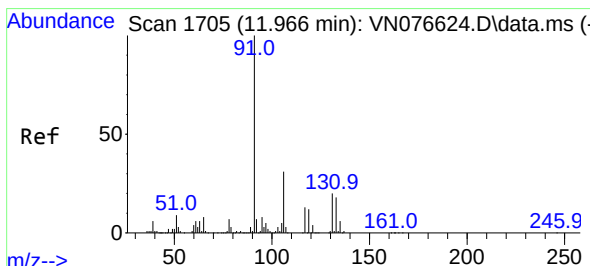
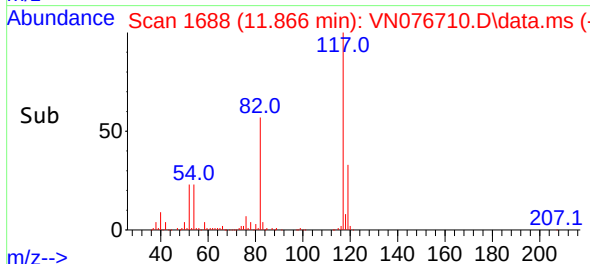
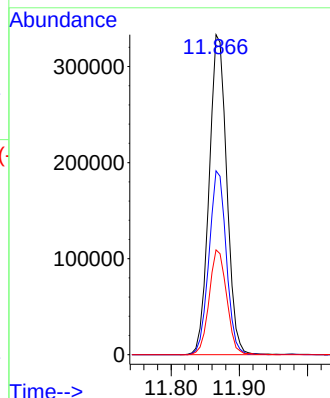
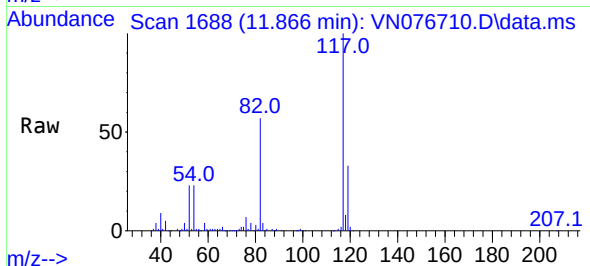




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN076710.D
Acq: 16 Feb 2023 14:39

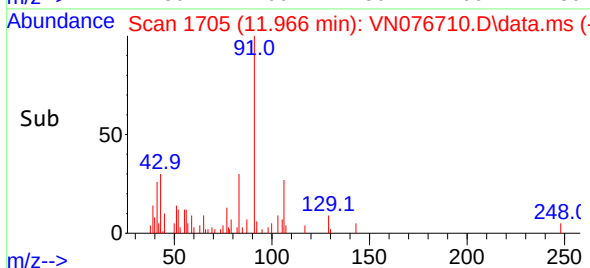
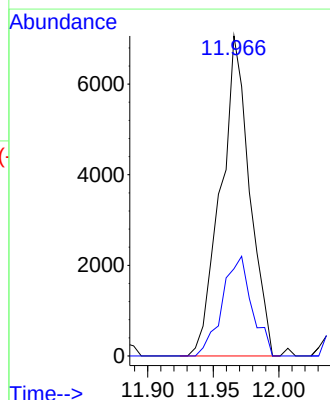
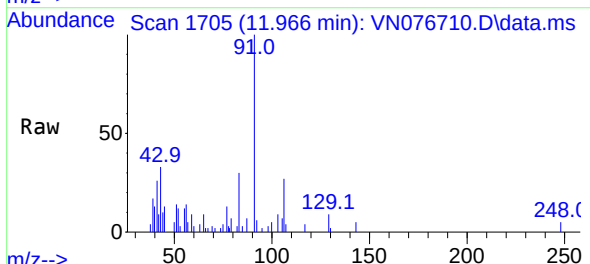
Instrument :
MSVOA_N
ClientSampleId :
AUD-1928

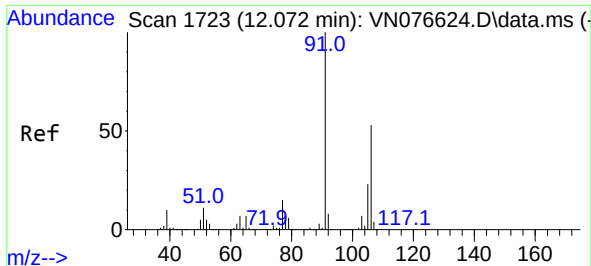
Tgt Ion:117 Resp: 598975
Ion Ratio Lower Upper
117 100
82 57.5 43.4 65.2
119 32.8 26.1 39.1



#67
Ethyl Benzene
Concen: 0.501 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076710.D
Acq: 16 Feb 2023 14:39

Tgt Ion: 91 Resp: 10827
Ion Ratio Lower Upper
91 100
106 27.2 25.1 37.7

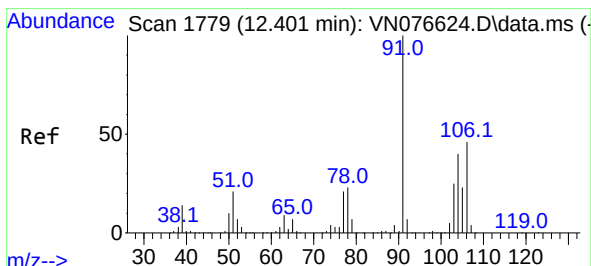
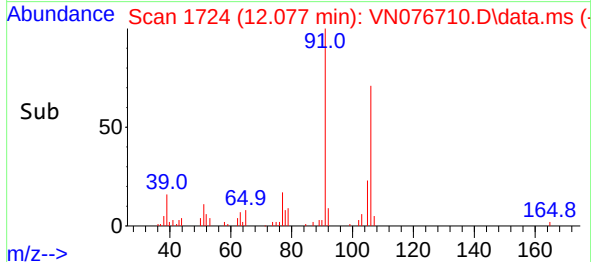
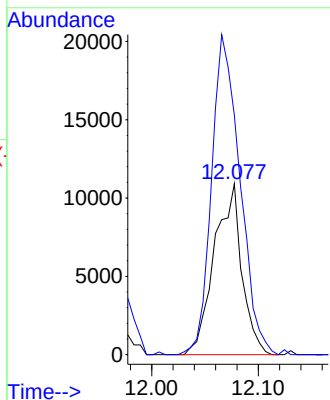
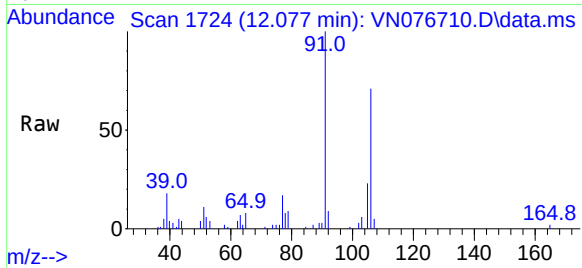




#68
m/p-Xylenes
Concen: 2.345 ug/l
RT: 12.077 min Scan# 1723
Delta R.T. 0.005 min
Lab File: VN076710.D
Acq: 16 Feb 2023 14:39

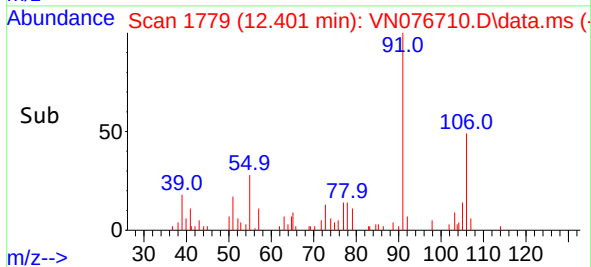
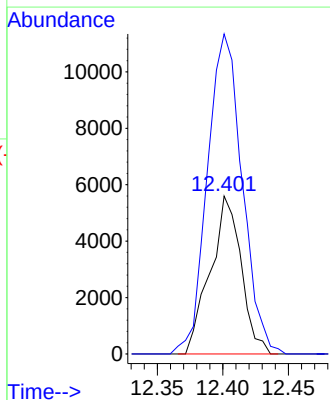
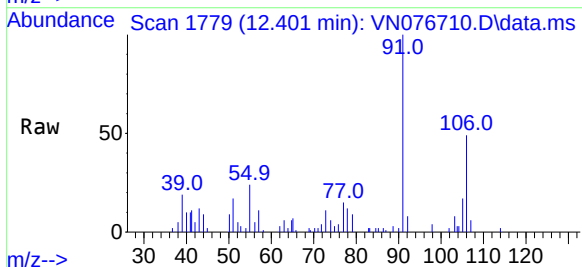
Instrument :
MSVOA_N
ClientSampleId :
AUD-1928

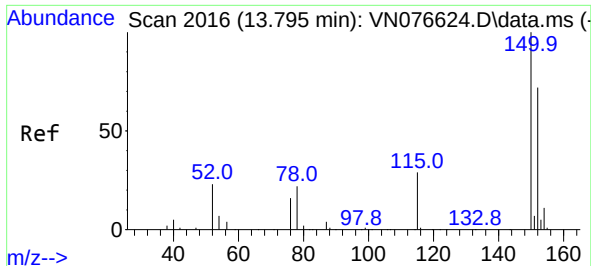
Tgt Ion:106 Resp: 19546
Ion Ratio Lower Upper
106 100
91 193.3 154.7 232.1



#69
o-Xylene
Concen: 1.129 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076710.D
Acq: 16 Feb 2023 14:39

Tgt Ion:106 Resp: 9181
Ion Ratio Lower Upper
106 100
91 228.3 105.8 317.4

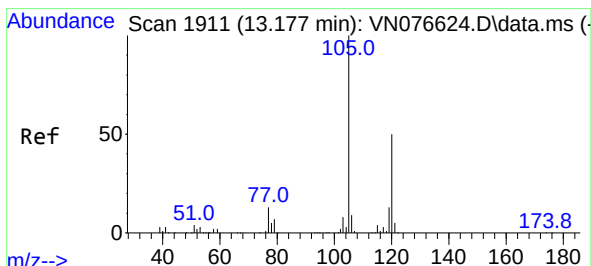
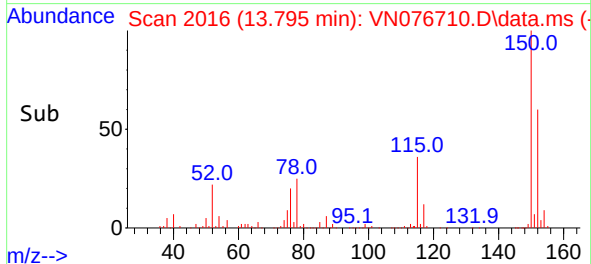
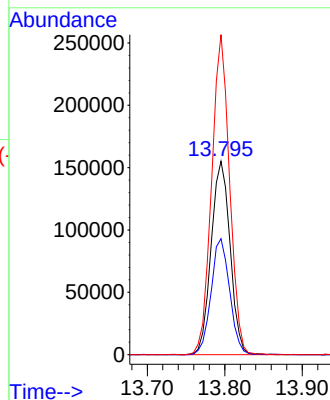
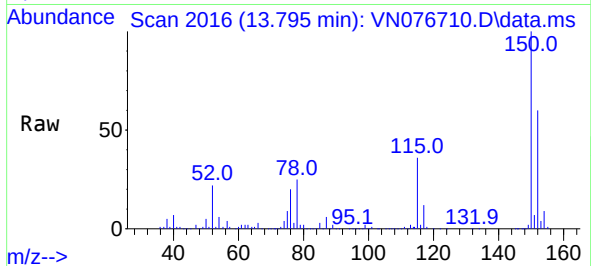




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN076710.D
 Acq: 16 Feb 2023 14:39

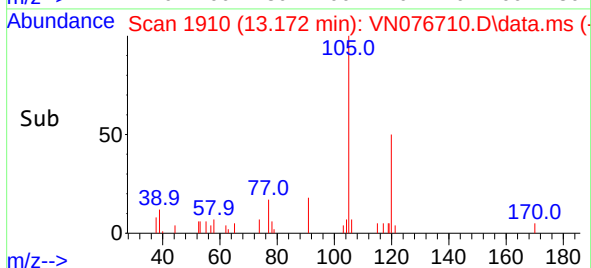
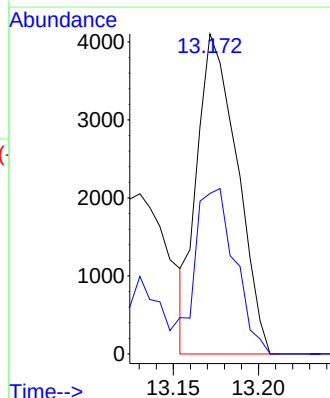
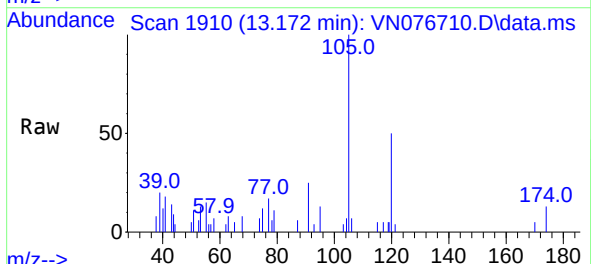
Instrument :
 MSVOA_N
 ClientSampleId :
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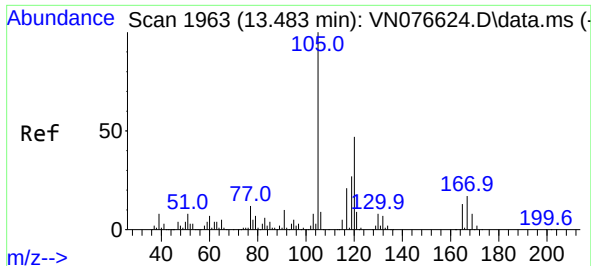
Tgt Ion:152 Resp: 263274
 Ion Ratio Lower Upper
 152 100
 115 58.9 29.3 87.9
 150 157.0 0.0 349.8



#80
 1,3,5-Trimethylbenzene
 Concen: 0.420 ug/l
 RT: 13.172 min Scan# 1910
 Delta R.T. -0.005 min
 Lab File: VN076710.D
 Acq: 16 Feb 2023 14:39

Tgt Ion:105 Resp: 6705
 Ion Ratio Lower Upper
 105 100
 120 52.3 25.1 75.4

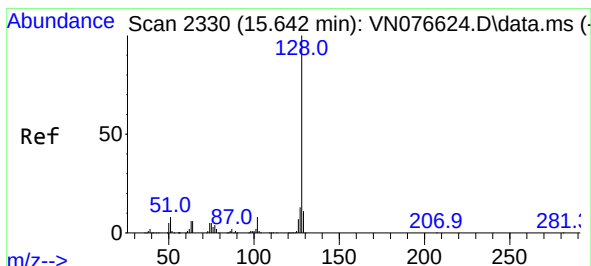
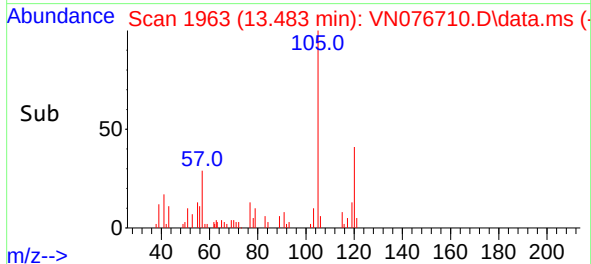
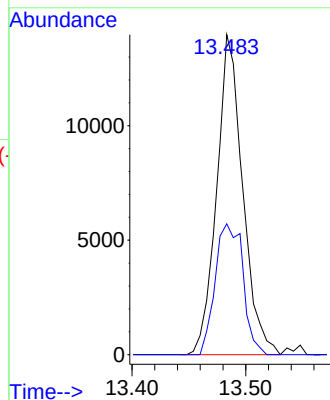
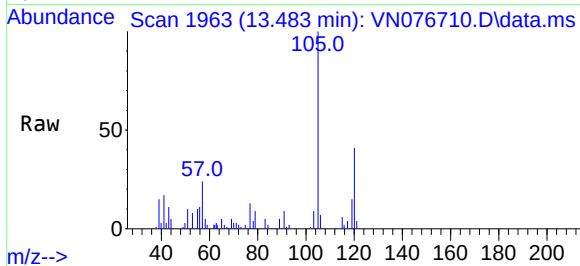




#84
1,2,4-Trimethylbenzene
Concen: 1.398 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076710.D
Acq: 16 Feb 2023 14:39

Instrument :
MSVOA_N
ClientSampleId :
AUD-1928

Tgt Ion:105 Resp: 22221
Ion Ratio Lower Upper
105 100
120 43.7 23.0 69.0



#95
Naphthalene
Concen: 1.613 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN076710.D
Acq: 16 Feb 2023 14:39

Tgt Ion:128 Resp: 22783
Ion Ratio Lower Upper
128 100
127 19.9 10.6 16.0#
129 9.7 8.6 13.0

