

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030824\
 Data File : VN081347.D
 Acq On : 08 Mar 2024 15:27
 Operator : JC\MD
 Sample : P1706-02 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1323

Quant Time: Mar 09 00:58:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

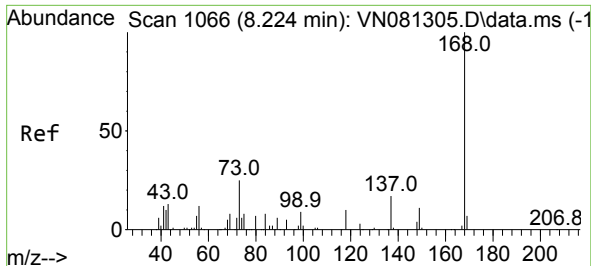
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	303919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	556875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	484498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	225972	51.424	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.840%			
35) Dibromofluoromethane	8.165	113	173223	50.772	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.540%			
50) Toluene-d8	10.571	98	654230	51.296	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.600%			
62) 4-Bromofluorobenzene	12.853	95	214443	47.572	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 95.140%			
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	32847	21.097	ug/l	99
18) Methyl Acetate	5.018	43	21649	4.857	ug/l #	84
25) 2-Butanone	7.494	43	20722	7.947	ug/l	98
40) Benzene	8.600	78	9219	0.561	ug/l	94
51) 4-Methyl-2-Pentanone	10.453	43	4152	0.759	ug/l #	75
52) Toluene	10.624	92	4813	0.485	ug/l	92
59) 2-Hexanone	11.200	43	4211	1.030	ug/l	87
67) Ethyl Benzene	11.971	91	13276	0.722	ug/l #	85
68) m/p-Xylenes	12.071	106	27087	3.914	ug/l	99
69) o-Xylene	12.400	106	22817	3.402	ug/l	96
73) Isopropylbenzene	12.694	105	7256	0.433	ug/l	90
78) n-propylbenzene	13.041	91	35119	1.773	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	59346	4.286	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	287418	20.490	ug/l	99
85) sec-Butylbenzene	13.623	105	10669	0.621	ug/l #	80
86) p-Isopropyltoluene	13.729	119	7090	0.515	ug/l #	72
89) n-Butylbenzene	14.059	91	13213	1.046	ug/l #	78
95) Naphthalene	15.641	128	50537	3.693	ug/l	98

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

Quant Time: Mar 09 00:58:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

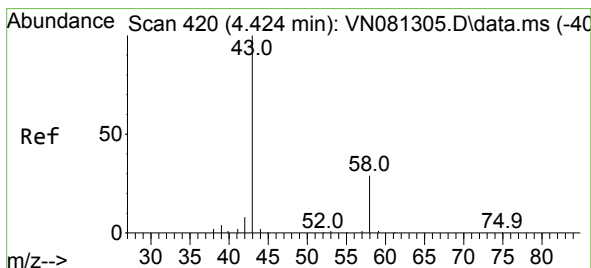
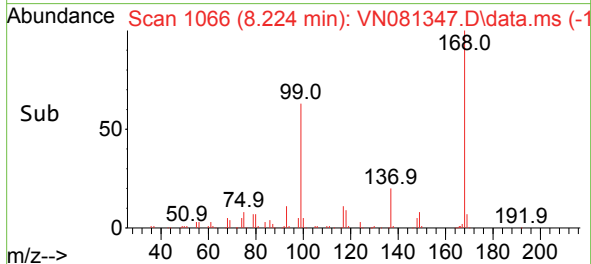
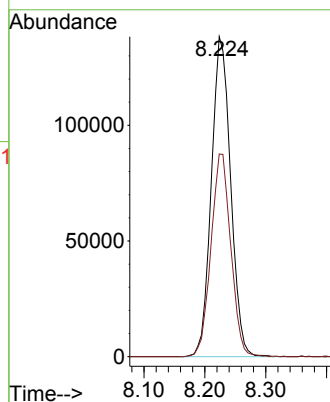
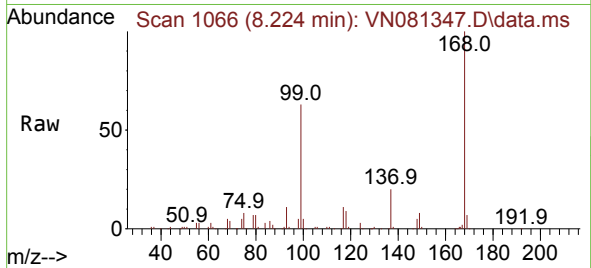




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081347.D
Acq: 08 Mar 2024 15:27

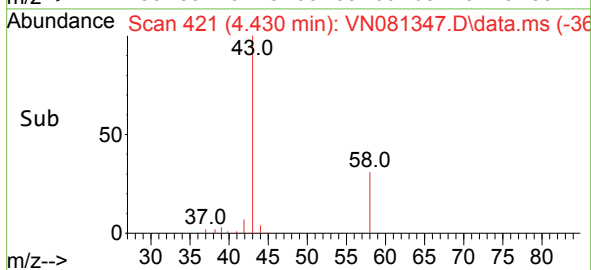
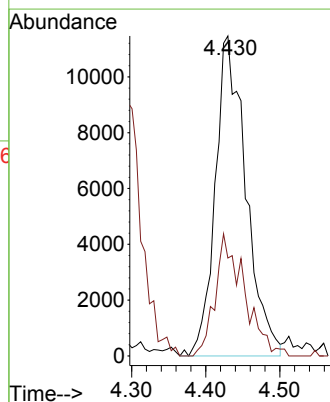
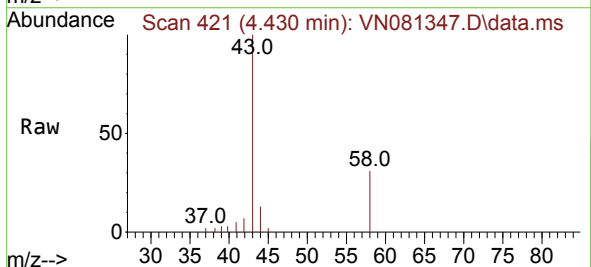
Instrument :
MSVOA_N
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AUD-1323

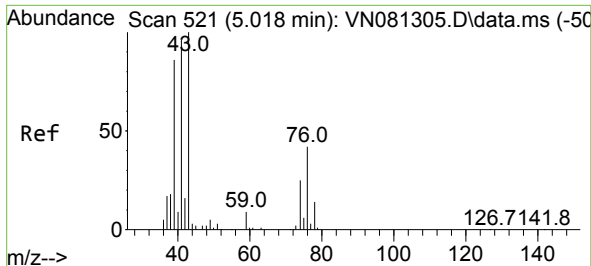
Tgt Ion:168 Resp: 303919
Ion Ratio Lower Upper
168 100
99 63.4 59.9 89.9



#16
Acetone
Concen: 21.097 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081347.D
Acq: 08 Mar 2024 15:27

Tgt Ion: 43 Resp: 32847
Ion Ratio Lower Upper
43 100
58 30.6 24.8 37.2

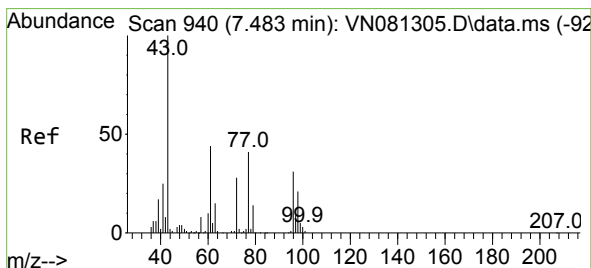
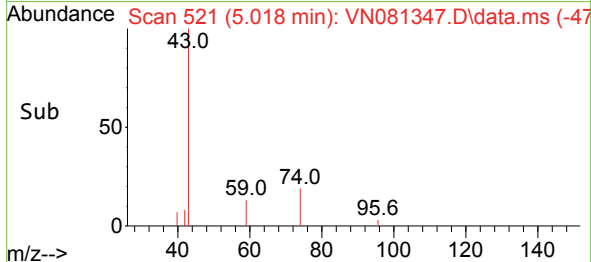
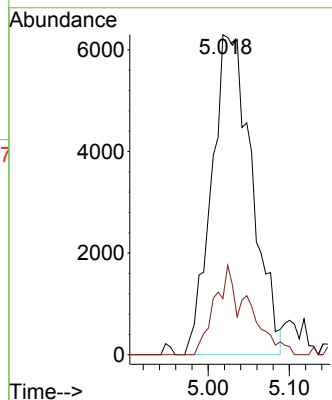
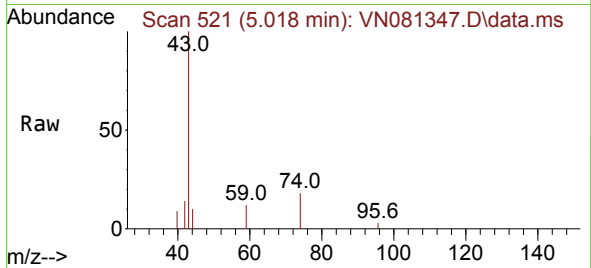




#18
Methyl Acetate
Concen: 4.857 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN081347.D
Acq: 08 Mar 2024 15:27

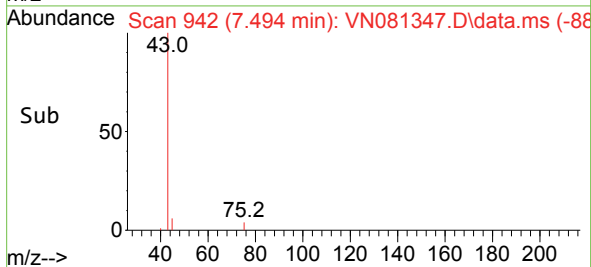
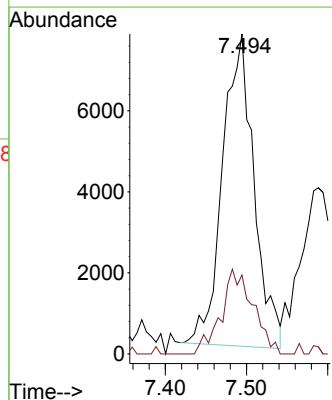
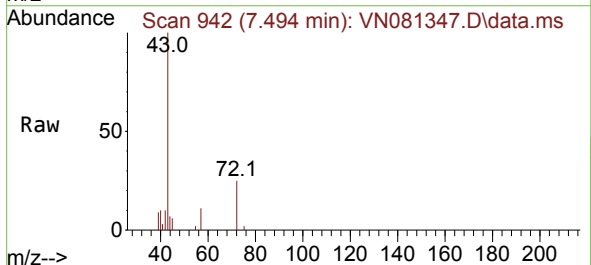
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ClientSampleId :
AUD-1323

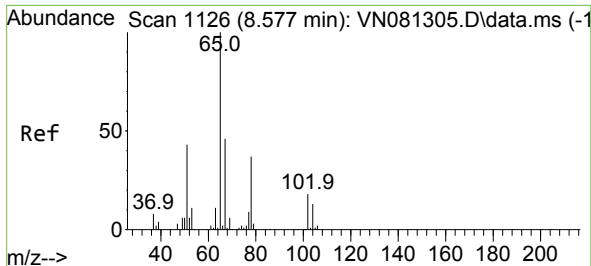
Tgt Ion: 43 Resp: 21649
Ion Ratio Lower Upper
43 100
74 13.8 17.3 25.9#



#25
2-Butanone
Concen: 7.947 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN081347.D
Acq: 08 Mar 2024 15:27

Tgt Ion: 43 Resp: 20722
Ion Ratio Lower Upper
43 100
72 25.5 19.5 29.3





#33

1,2-Dichloroethane-d4

Concen: 51.424 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081347.D

Acq: 08 Mar 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

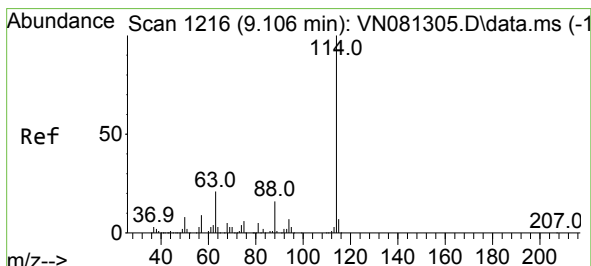
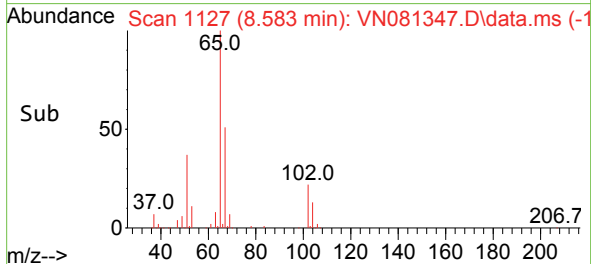
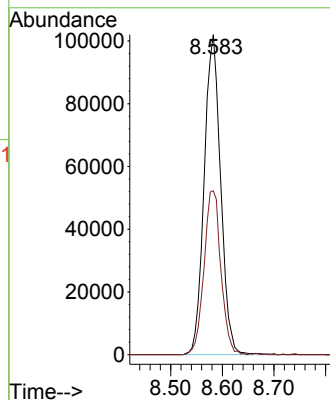
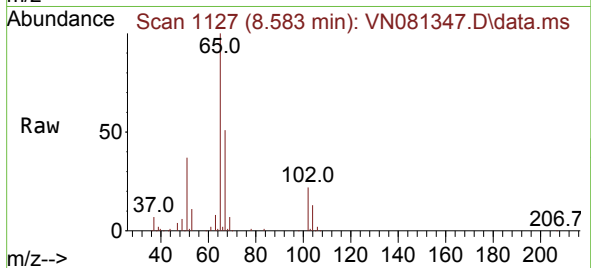
AUD-1323

Tgt Ion: 65 Resp: 225972

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081347.D

Acq: 08 Mar 2024 15:27

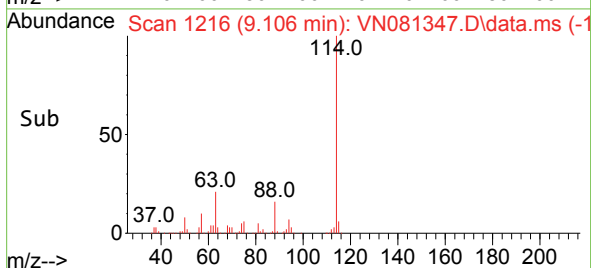
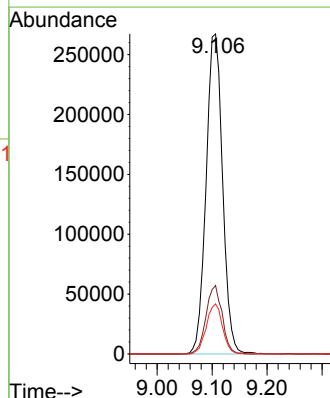
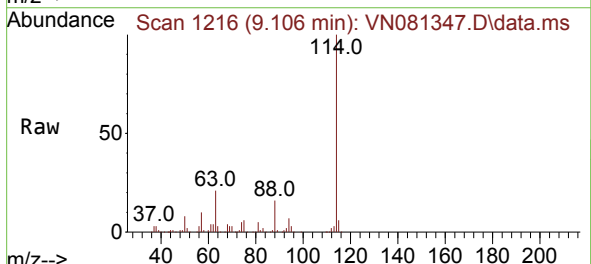
Tgt Ion: 114 Resp: 556875

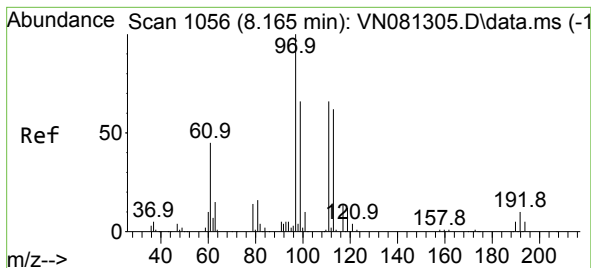
Ion Ratio Lower Upper

114 100

63 21.4 0.0 48.0

88 15.7 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.772 ug/l

RT: 8.165 min Scan# 113

Delta R.T. 0.000 min

Lab File: VN081347.D

Acq: 08 Mar 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

AUD-1323

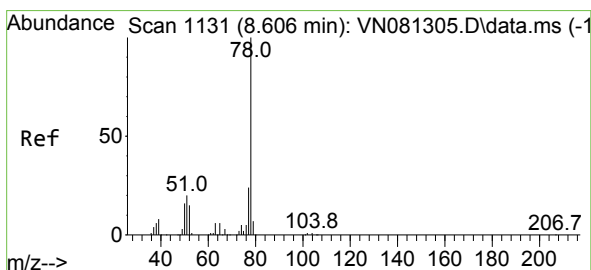
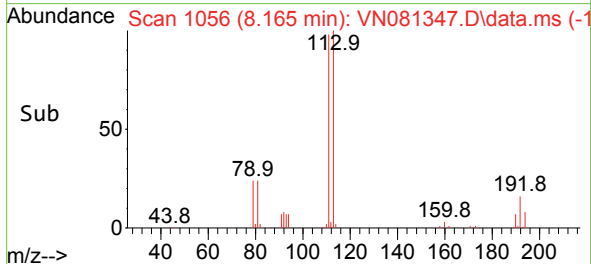
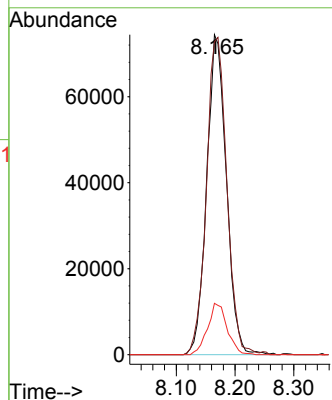
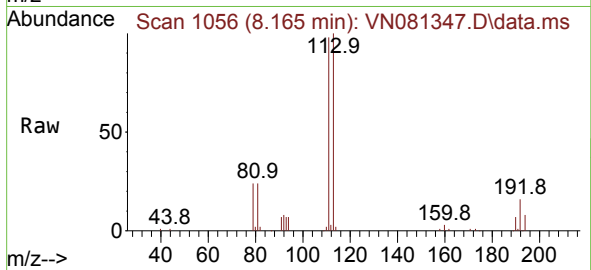
Tgt Ion:113 Resp: 173223

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 16.0 12.5 18.7



#40

Benzene

Concen: 0.561 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN081347.D

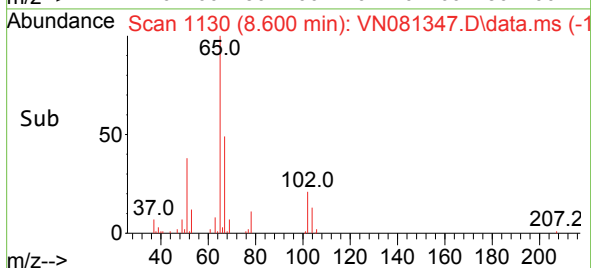
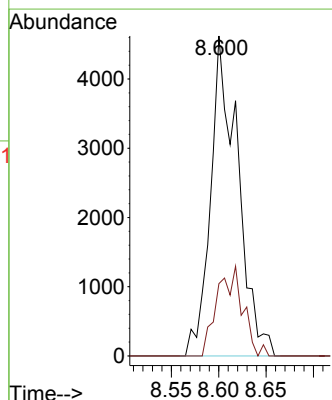
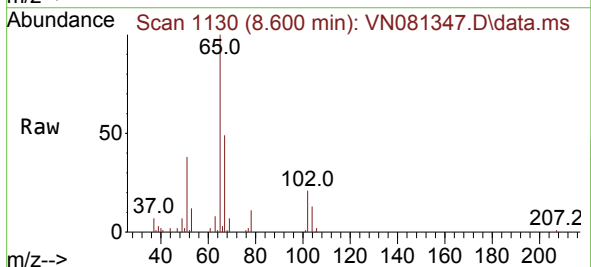
Acq: 08 Mar 2024 15:27

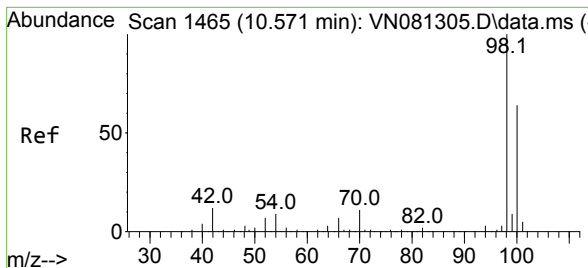
Tgt Ion: 78 Resp: 9219

Ion Ratio Lower Upper

78 100

77 22.6 20.4 30.6

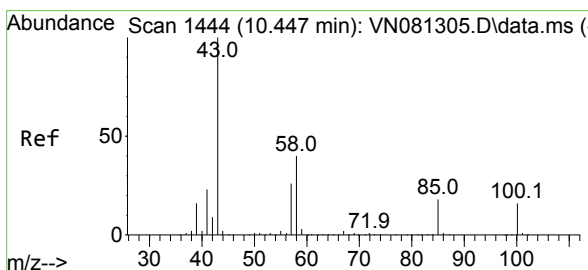
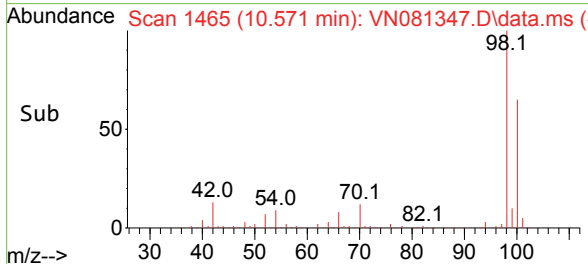
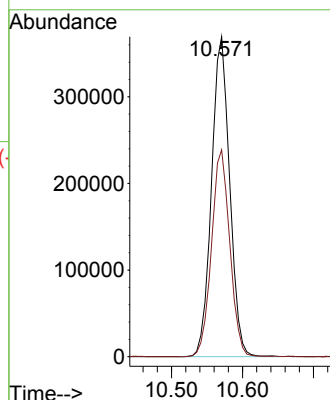
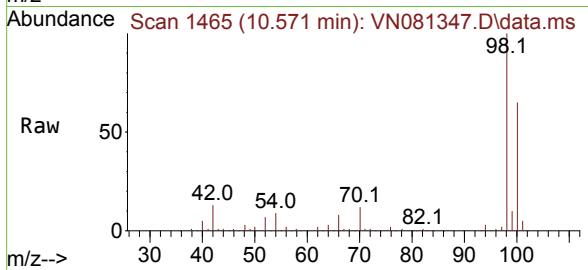




#50
Toluene-d8
Concen: 51.296 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081347.D
Acq: 08 Mar 2024 15:27

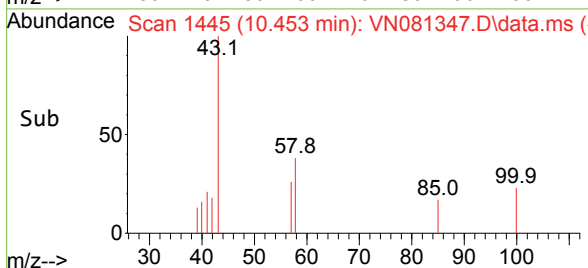
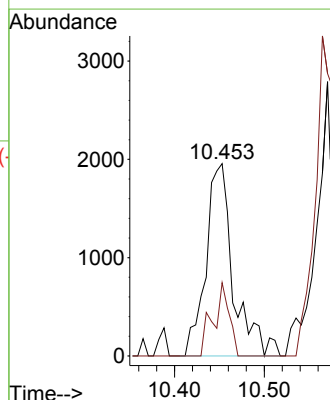
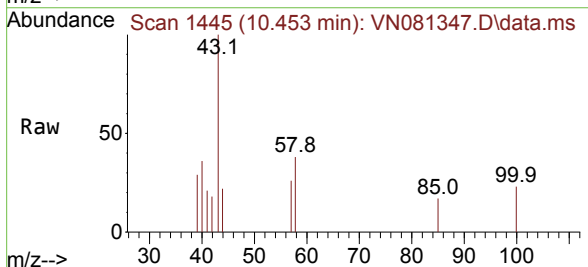
Instrument :
MSVOA_N
ClientSampleId :
AUD-1323

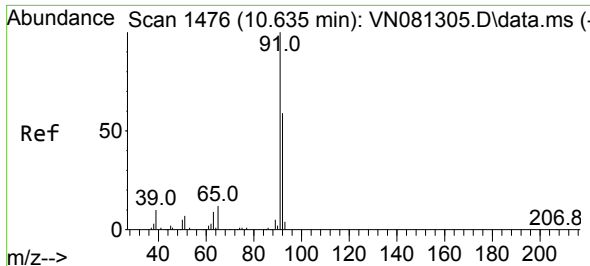
Tgt Ion: 98 Resp: 654230
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.759 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN081347.D
Acq: 08 Mar 2024 15:27

Tgt Ion: 43 Resp: 4152
Ion Ratio Lower Upper
43 100
58 22.2 29.4 44.0#

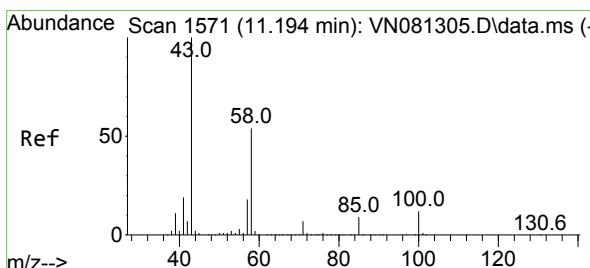
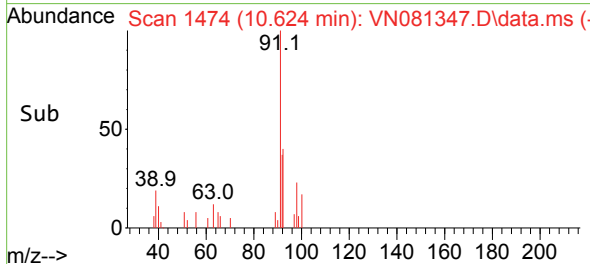
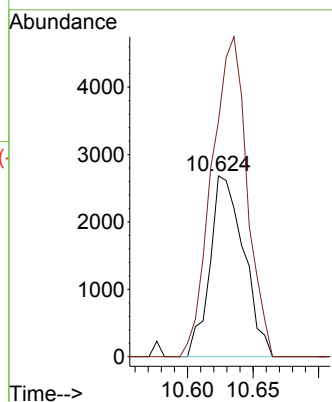
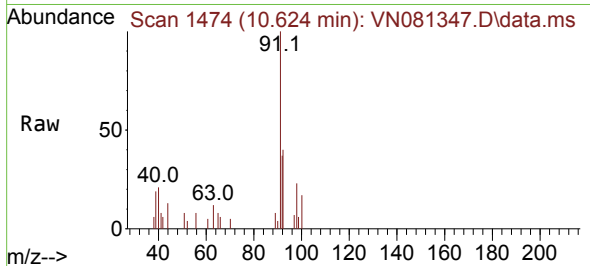




#52
Toluene
Concen: 0.485 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.012 min
Lab File: VN081347.D
Acq: 08 Mar 2024 15:27

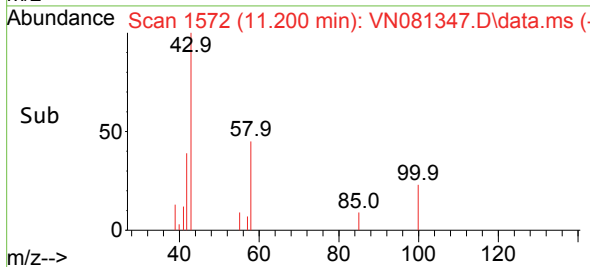
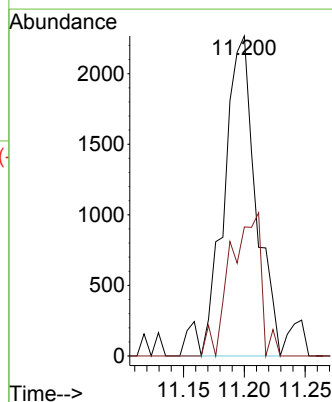
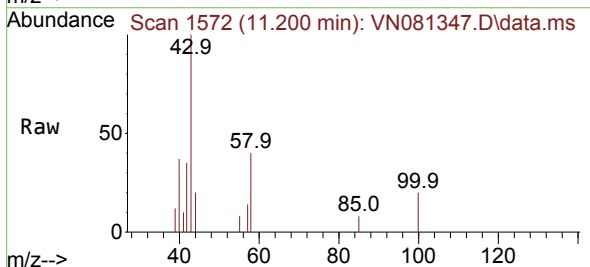
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ClientSampleId :
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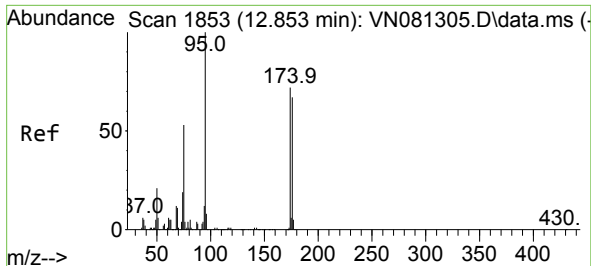
Tgt Ion: 92 Resp: 4813
Ion Ratio Lower Upper
92 100
91 185.1 139.4 209.0



#59
2-Hexanone
Concen: 1.030 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081347.D
Acq: 08 Mar 2024 15:27

Tgt Ion: 43 Resp: 4211
Ion Ratio Lower Upper
43 100
58 42.7 25.9 77.8

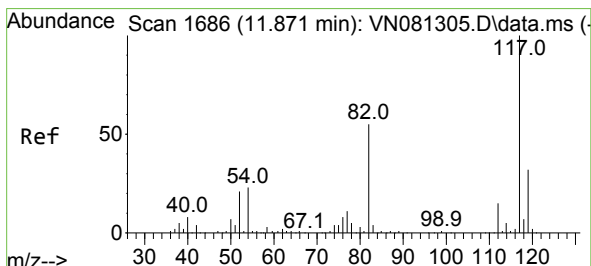
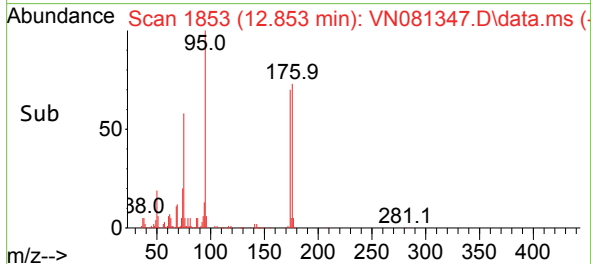
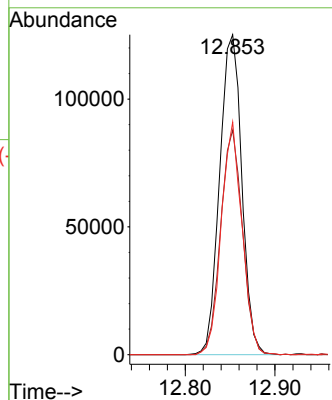
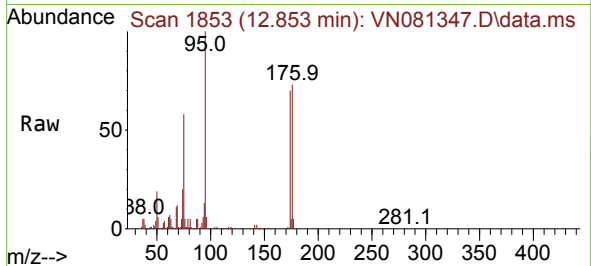




#62
4-Bromofluorobenzene
Concen: 47.572 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081347.D
Acq: 08 Mar 2024 15:27

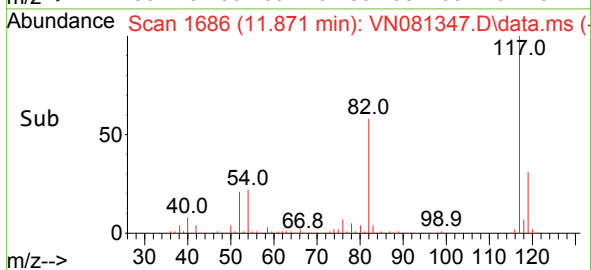
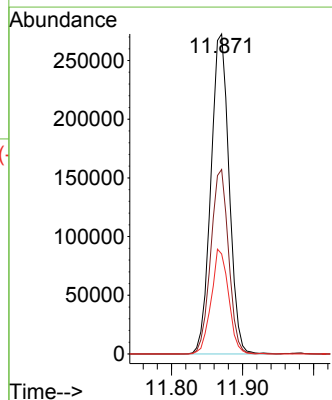
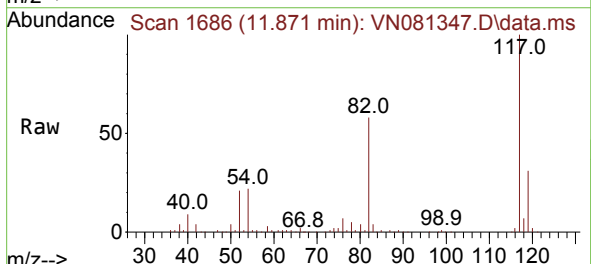
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MSVOA_N
ClientSampleId :
AUD-1323

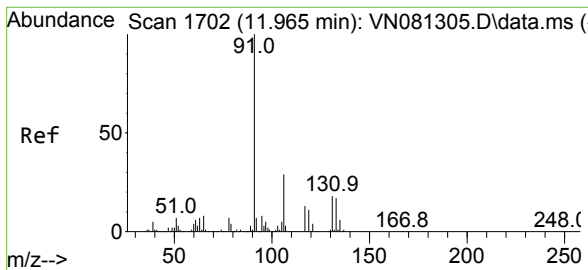
Tgt Ion: 95 Resp: 214443
Ion Ratio Lower Upper
95 100
174 69.3 0.0 120.4
176 68.2 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN081347.D
Acq: 08 Mar 2024 15:27

Tgt Ion: 117 Resp: 484498
Ion Ratio Lower Upper
117 100
82 57.7 52.7 79.1
119 31.3 25.3 37.9

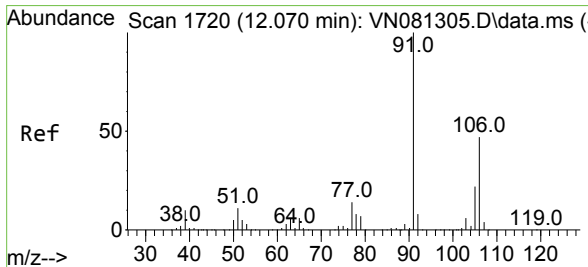
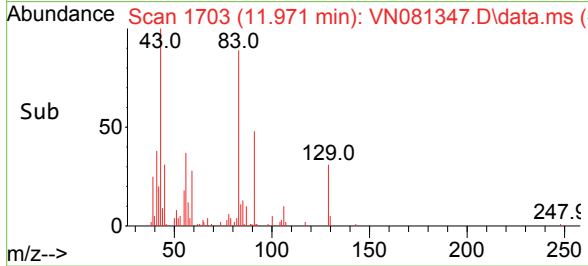
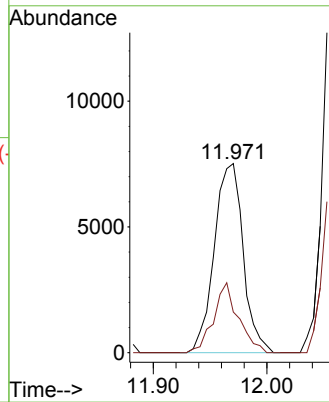
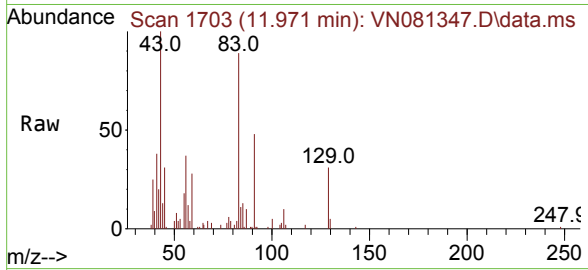




#67
Ethyl Benzene
Concen: 0.722 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN081347.D
Acq: 08 Mar 2024 15:27

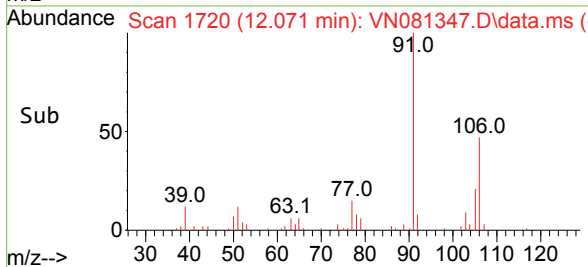
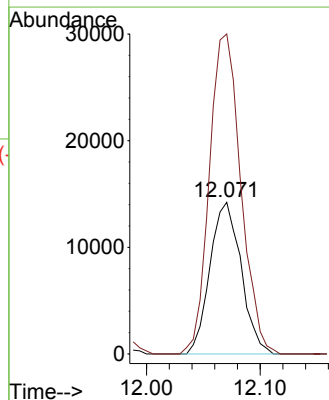
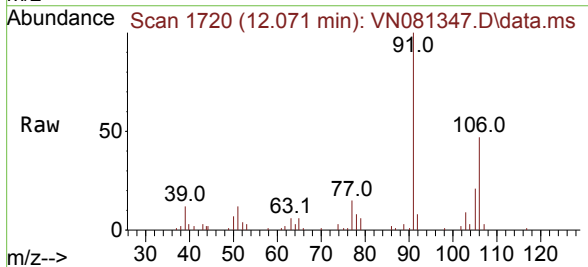
Instrument :
MSVOA_N
ClientSampleId :
AUD-1323

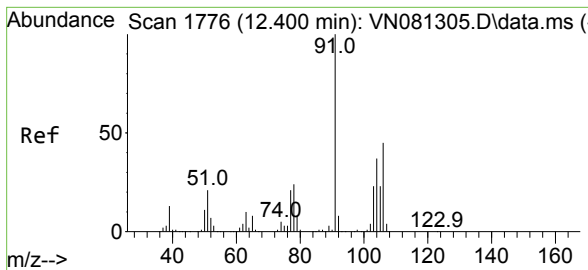
Tgt Ion: 91 Resp: 13276
Ion Ratio Lower Upper
91 100
106 21.5 23.8 35.6#



#68
m/p-Xylenes
Concen: 3.914 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081347.D
Acq: 08 Mar 2024 15:27

Tgt Ion: 106 Resp: 27087
Ion Ratio Lower Upper
106 100
91 213.2 169.0 253.6

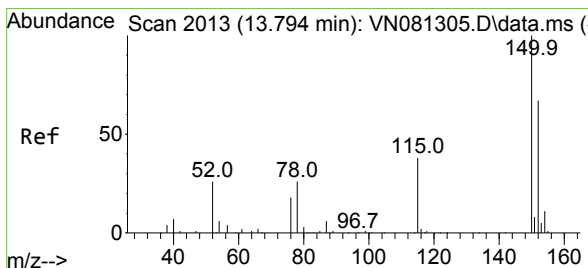
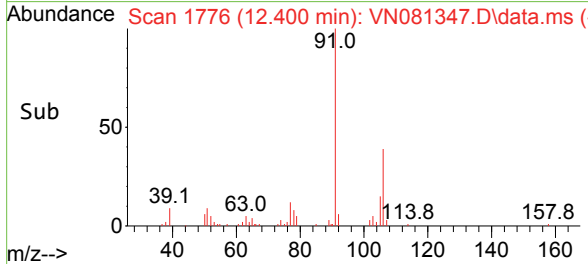
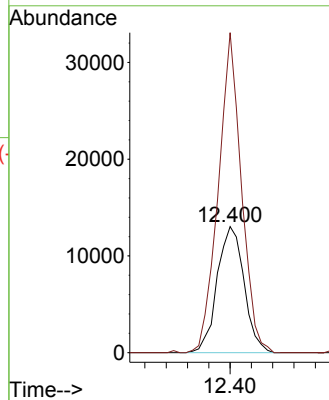
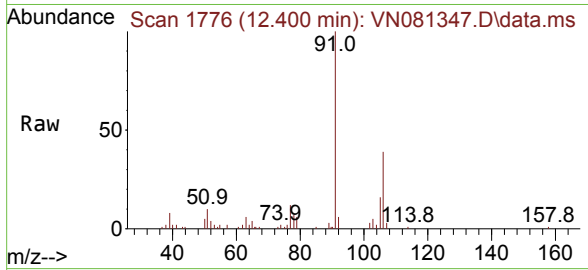




#69
o-Xylene
Concen: 3.402 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081347.D
Acq: 08 Mar 2024 15:27

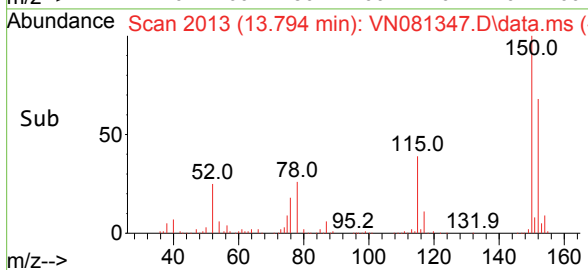
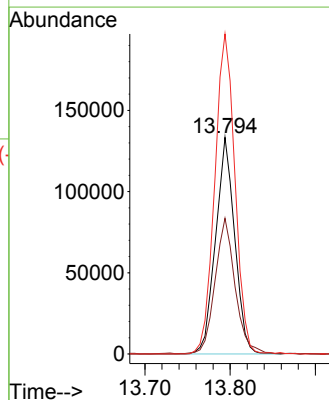
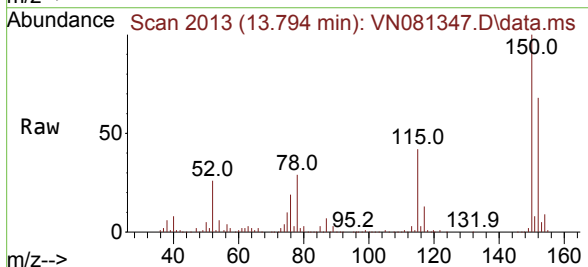
Instrument :
MSVOA_N
ClientSampleId :
AUD-1323

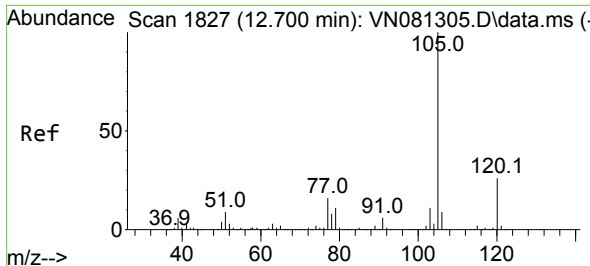
Tgt Ion:106 Resp: 22817
Ion Ratio Lower Upper
106 100
91 218.3 112.1 336.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081347.D
Acq: 08 Mar 2024 15:27

Tgt Ion:152 Resp: 207414
Ion Ratio Lower Upper
152 100
115 65.3 32.3 96.8
150 156.6 0.0 339.8

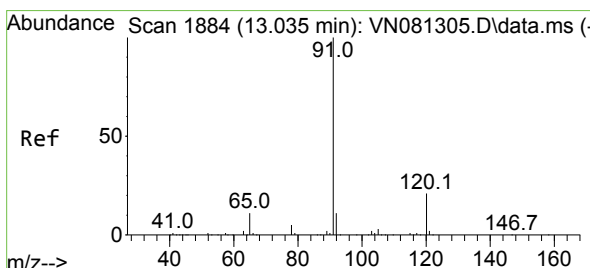
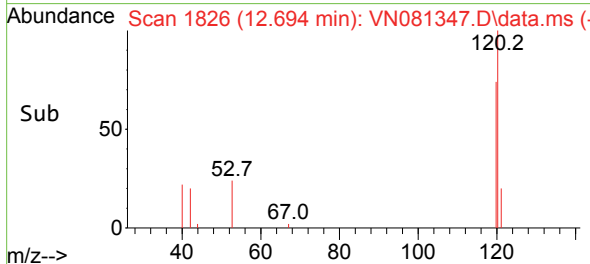
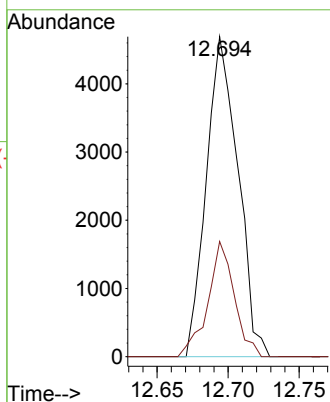
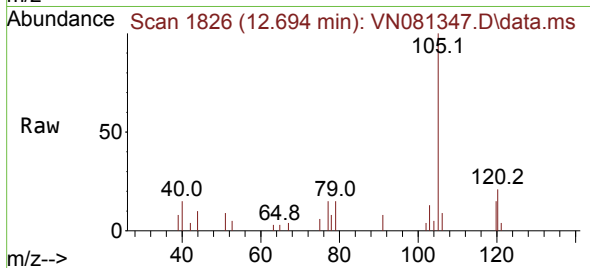




#73
Isopropylbenzene
Concen: 0.433 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081347.D
Acq: 08 Mar 2024 15:27

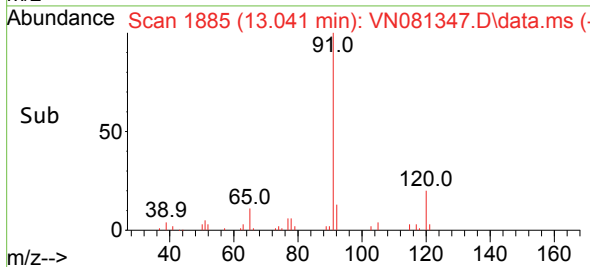
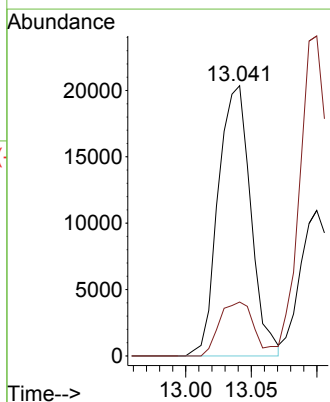
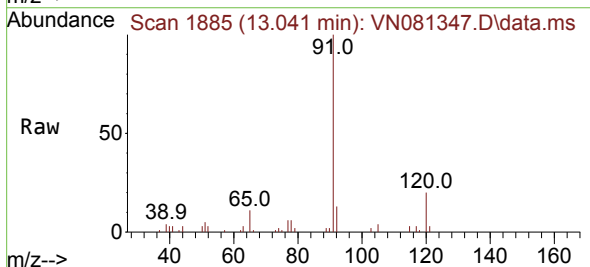
Instrument :
MSVOA_N
ClientSampleId :
AUD-1323

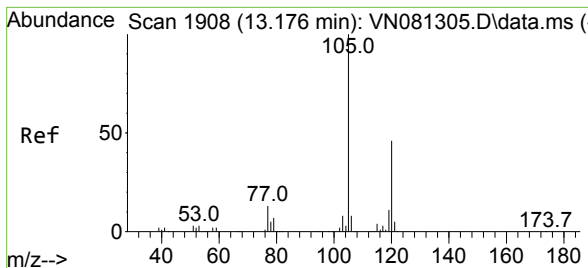
Tgt Ion:105 Resp: 7256
Ion Ratio Lower Upper
105 100
120 30.1 12.6 37.6



#78
n-propylbenzene
Concen: 1.773 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081347.D
Acq: 08 Mar 2024 15:27

Tgt Ion: 91 Resp: 35119
Ion Ratio Lower Upper
91 100
120 20.4 10.3 30.9

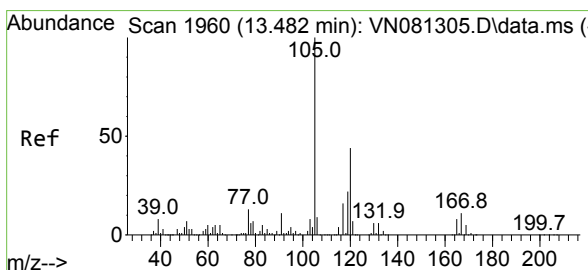
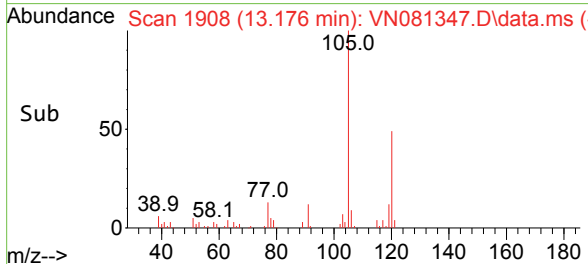
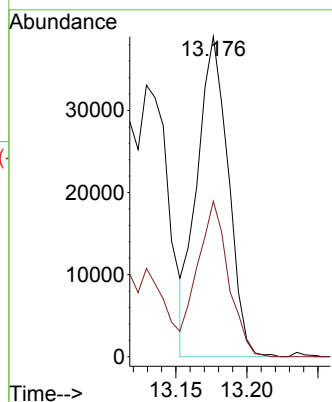
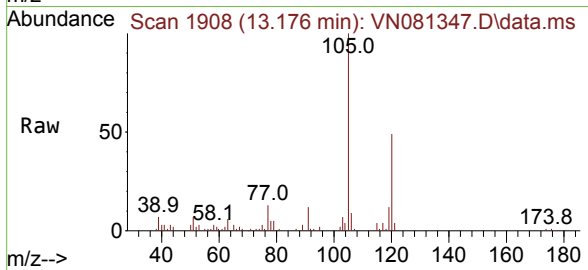




#80
 1,3,5-Trimethylbenzene
 Concen: 4.286 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN081347.D
 Acq: 08 Mar 2024 15:27

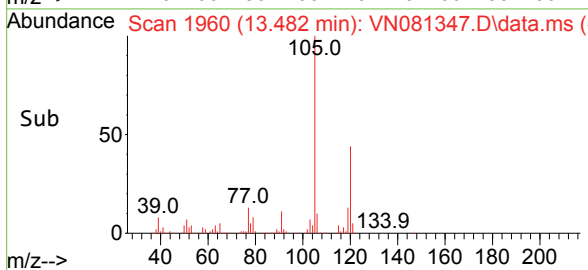
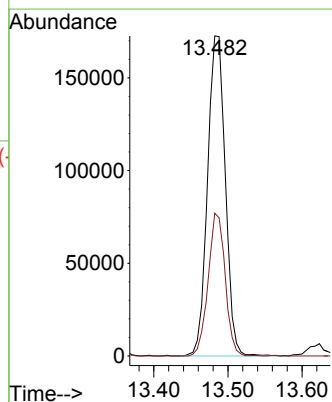
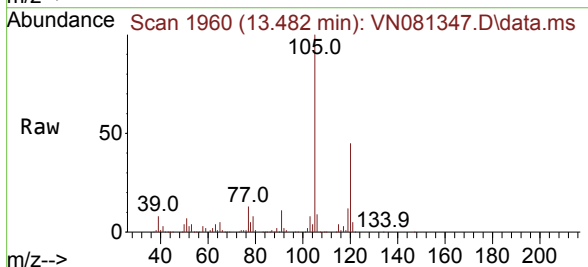
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1323

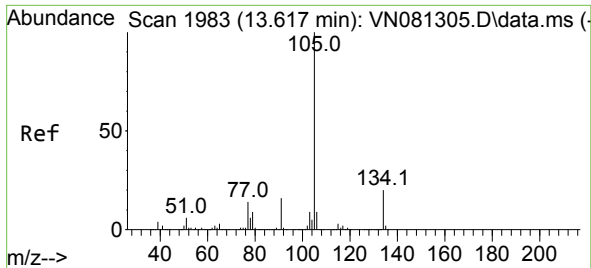
Tgt Ion:105 Resp: 59346
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.0 69.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.490 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN081347.D
 Acq: 08 Mar 2024 15:27

Tgt Ion:105 Resp: 287418
 Ion Ratio Lower Upper
 105 100
 120 42.7 20.9 62.7

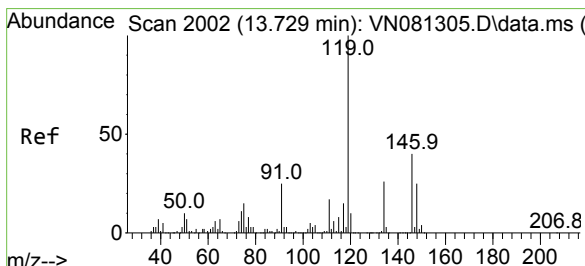
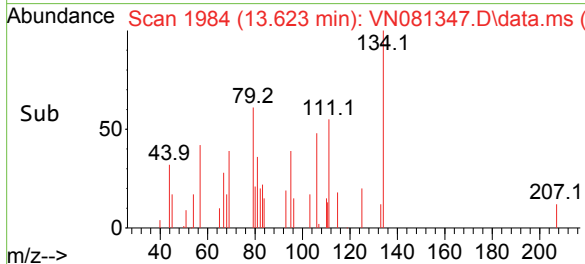
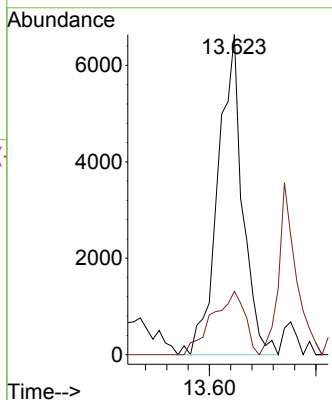
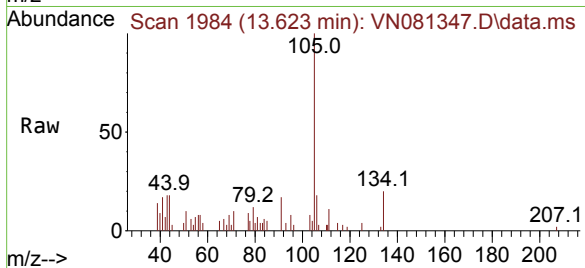




#85
 sec-Butylbenzene
 Concen: 0.621 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN081347.D
 Acq: 08 Mar 2024 15:27

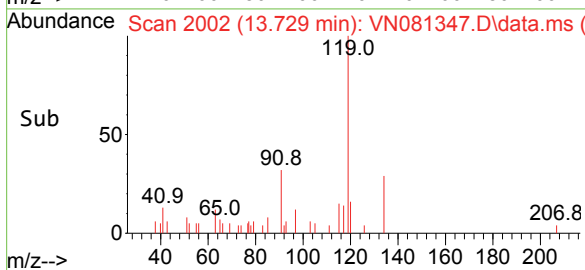
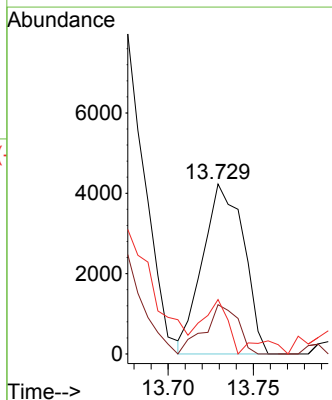
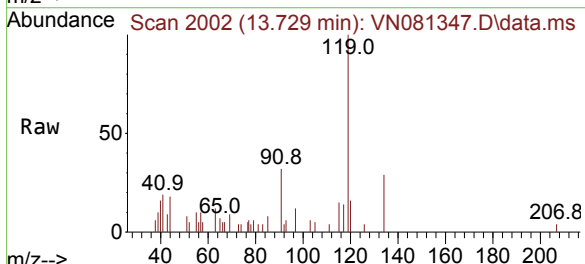
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1323

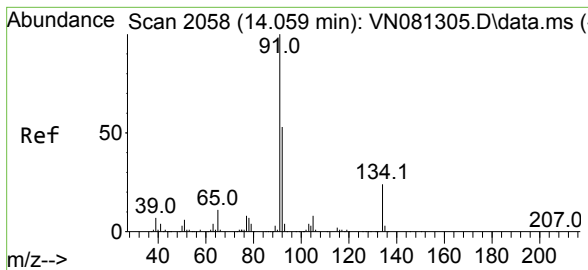
Tgt Ion:105 Resp: 10669
 Ion Ratio Lower Upper
 105 100
 134 26.1 8.6 25.8#



#86
 p-Isopropyltoluene
 Concen: 0.515 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081347.D
 Acq: 08 Mar 2024 15:27

Tgt Ion:119 Resp: 7090
 Ion Ratio Lower Upper
 119 100
 134 23.7 12.4 37.2
 91 0.0 13.5 40.4#





#89

n-Butylbenzene

Concen: 1.046 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081347.D

Acq: 08 Mar 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

AUD-1323

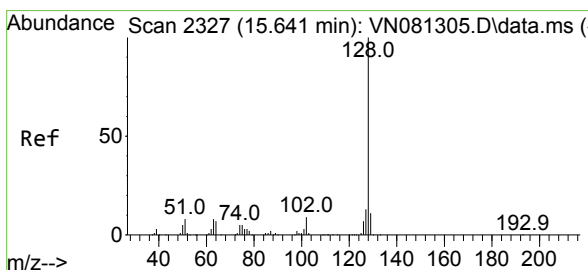
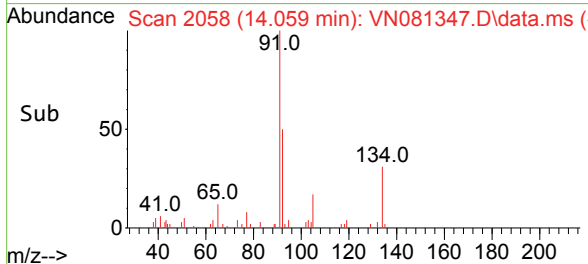
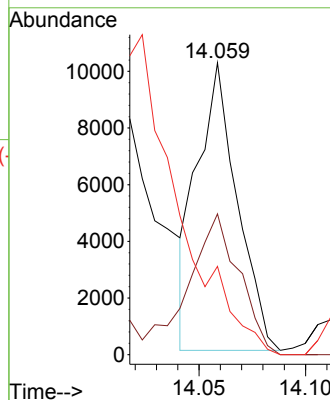
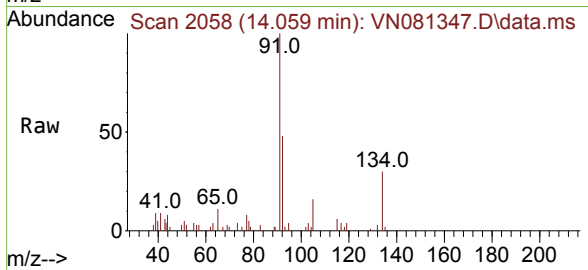
Tgt Ion: 91 Resp: 13213

Ion Ratio Lower Upper

91 100

92 62.1 26.7 80.1

134 0.0 10.8 32.4#



#95

Naphthalene

Concen: 3.693 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081347.D

Acq: 08 Mar 2024 15:27

Tgt Ion:128 Resp: 50537

Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

129 10.2 8.7 13.1

