

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
 Data File : VN080839.D
 Acq On : 31 Jan 2024 14:45
 Operator : JC\MD
 Sample : P1278-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1316

Quant Time: Jan 31 23:17:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

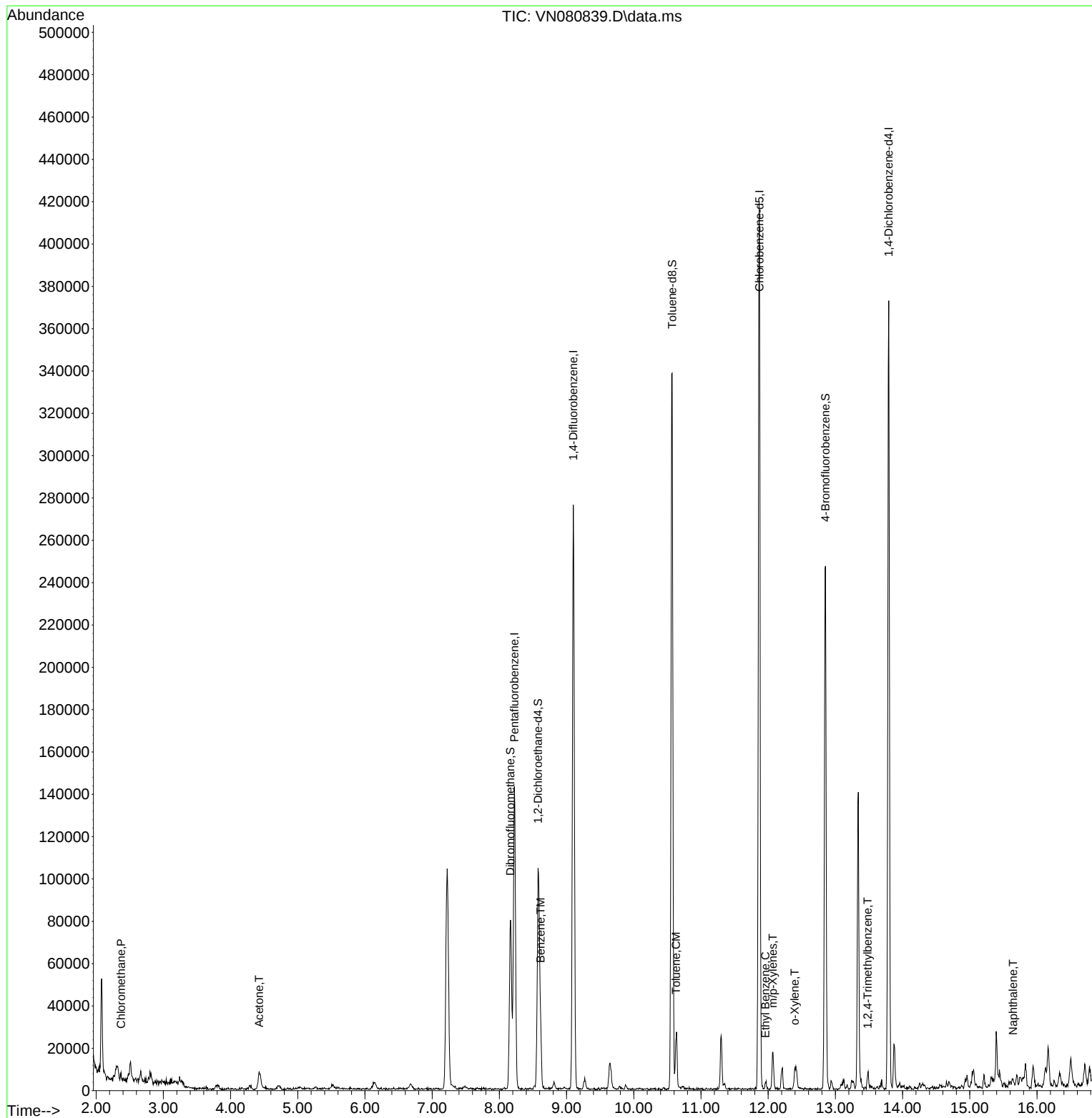
Internal Standards						
1) Pentafluorobenzene	8.224	168	89495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	209210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	212660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	72374	46.746	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.500%
35) Dibromofluoromethane	8.165	113	53434	41.747	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	83.500%
50) Toluene-d8	10.571	98	224132	44.740	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.480%
62) 4-Bromofluorobenzene	12.853	95	85491	48.971	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.940%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1659	0.830	ug/l #	85
16) Acetone	4.424	43	14829	26.409	ug/l	92
40) Benzene	8.612	78	31543	4.511	ug/l	93
52) Toluene	10.629	92	11001	2.744	ug/l	93
67) Ethyl Benzene	11.959	91	3189	0.370	ug/l #	77
68) m/p-Xylenes	12.071	106	5038	1.645	ug/l	96
69) o-Xylene	12.394	106	2557	0.840	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	4043	0.644	ug/l	91
95) Naphthalene	15.647	128	3863	0.720	ug/l #	88

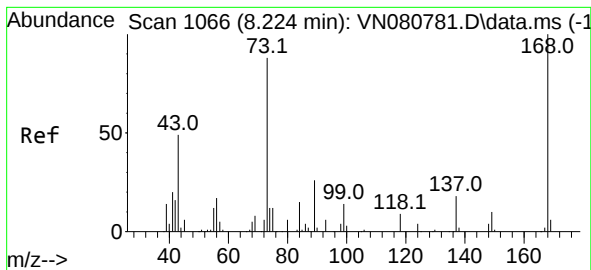
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
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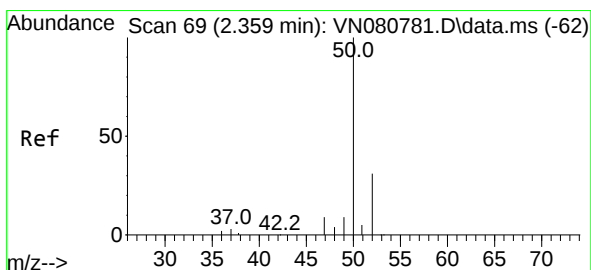
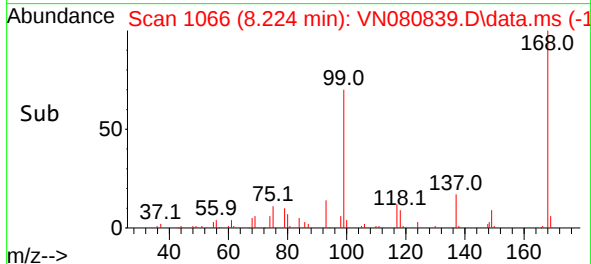
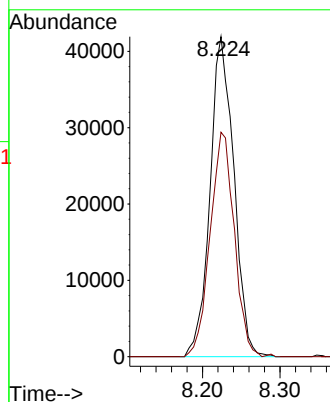
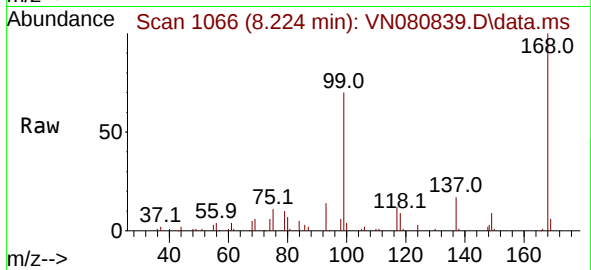




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080839.D
Acq: 31 Jan 2024 14:45

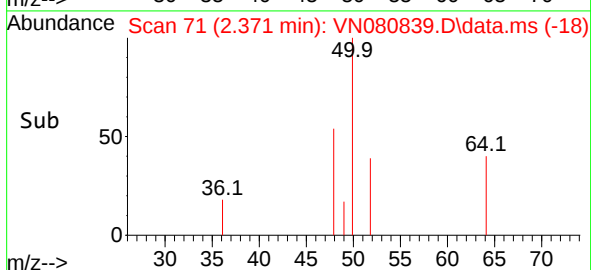
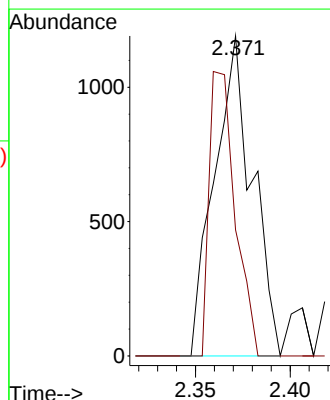
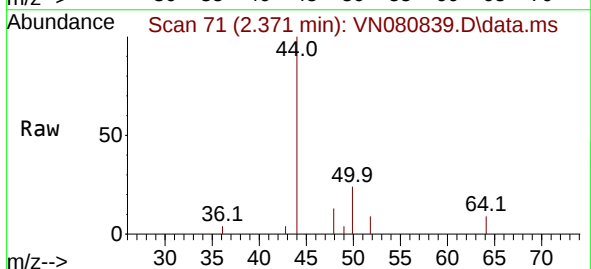
Instrument :
MSVOA_N
ClientSampleId :
AUD-1316

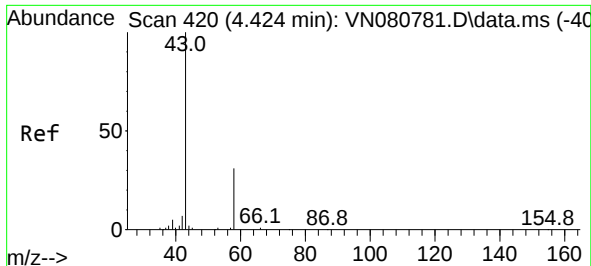
Tgt Ion:168 Resp: 89495
Ion Ratio Lower Upper
168 100
99 70.2 59.9 89.9



#3
Chloromethane
Concen: 0.830 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN080839.D
Acq: 31 Jan 2024 14:45

Tgt Ion: 50 Resp: 1659
Ion Ratio Lower Upper
50 100
52 39.4 25.0 37.4#

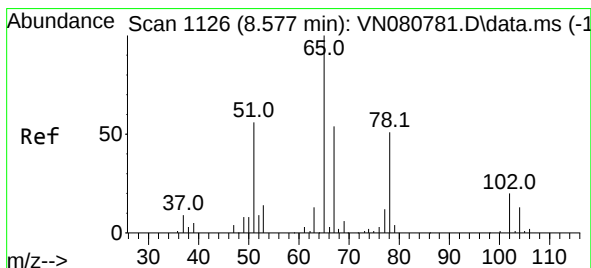
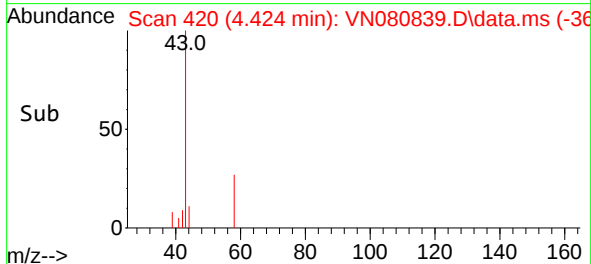
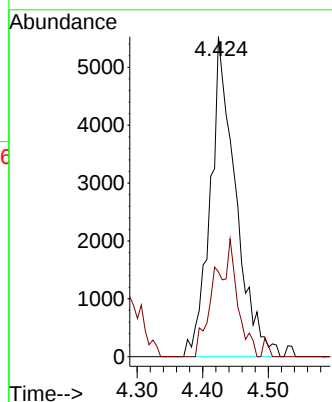
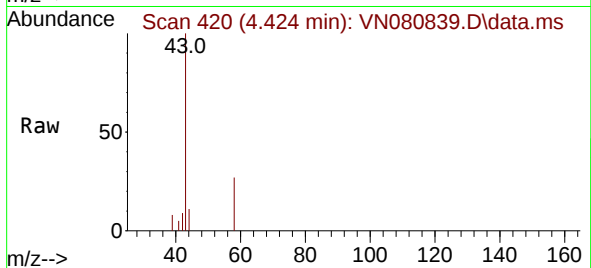




#16
Acetone
Concen: 26.409 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN080839.D
Acq: 31 Jan 2024 14:45

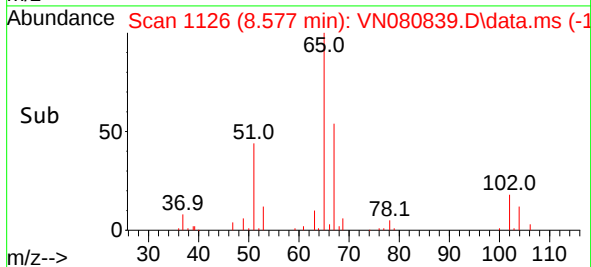
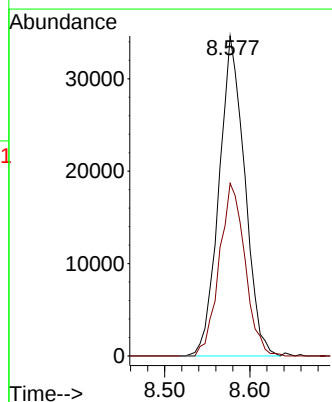
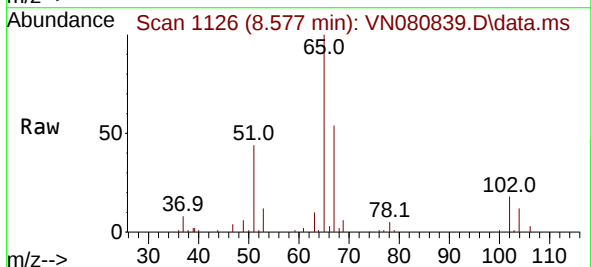
Instrument :
MSVOA_N
ClientSampleId :
AUD-1316

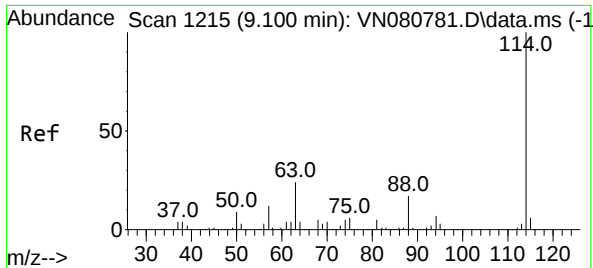
Tgt Ion: 43 Resp: 14829
Ion Ratio Lower Upper
43 100
58 26.5 24.8 37.2



#33
1,2-Dichloroethane-d4
Concen: 46.746 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080839.D
Acq: 31 Jan 2024 14:45

Tgt Ion: 65 Resp: 72374
Ion Ratio Lower Upper
65 100
67 54.3 0.0 102.4

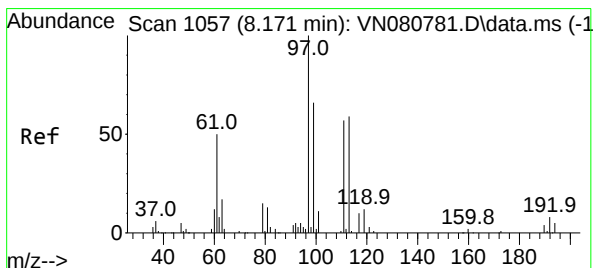
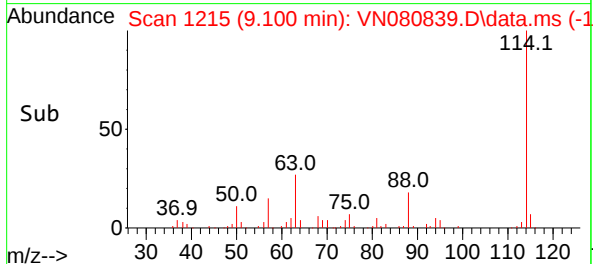
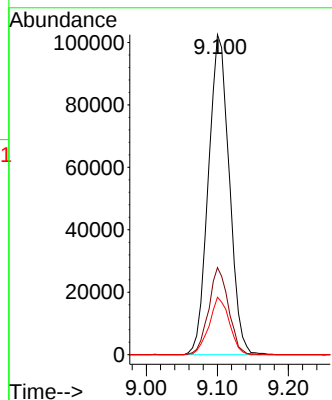
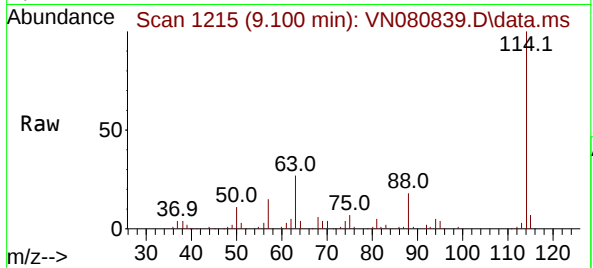




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080839.D
Acq: 31 Jan 2024 14:45

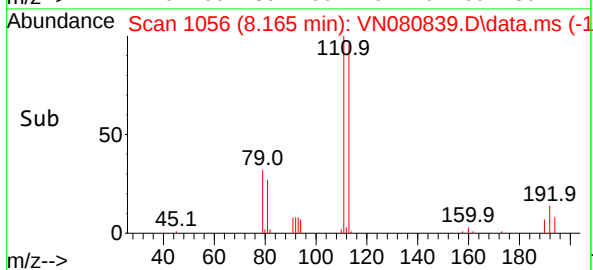
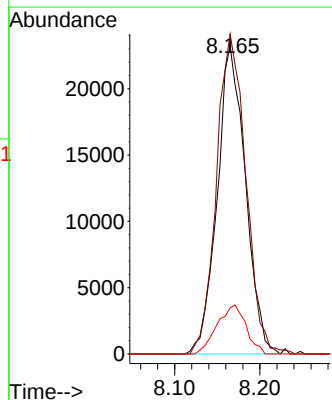
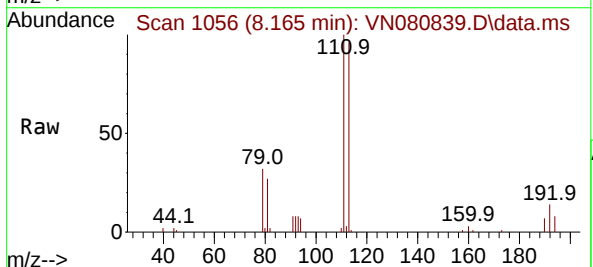
Instrument :
MSVOA_N
ClientSampleId :
AUD-1316

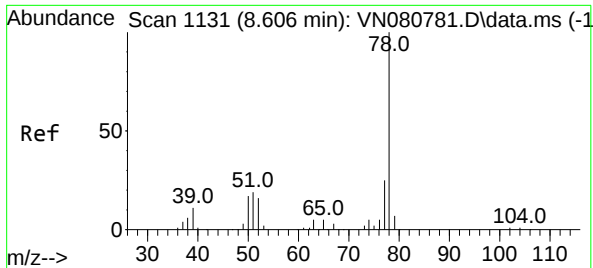
Tgt Ion:114 Resp: 209210
Ion Ratio Lower Upper
114 100
63 27.2 0.0 48.0
88 17.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 41.747 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080839.D
Acq: 31 Jan 2024 14:45

Tgt Ion:113 Resp: 53434
Ion Ratio Lower Upper
113 100
111 107.8 82.2 123.4
192 16.3 12.5 18.7

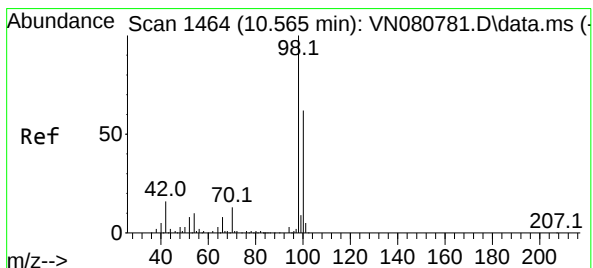
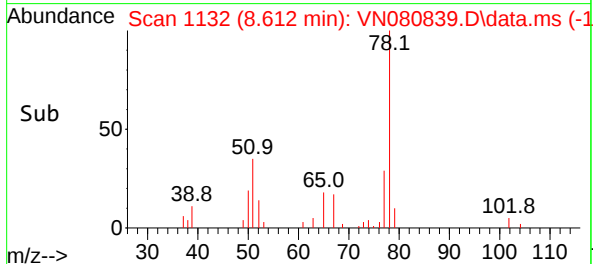
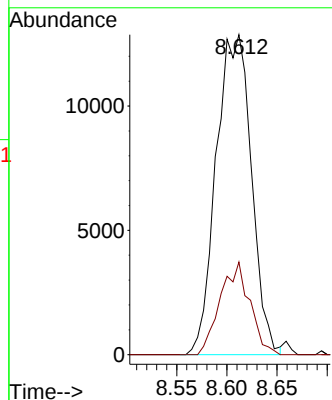
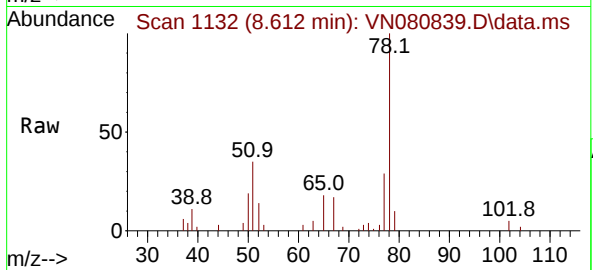




#40
Benzene
Concen: 4.511 ug/l
RT: 8.612 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN080839.D
Acq: 31 Jan 2024 14:45

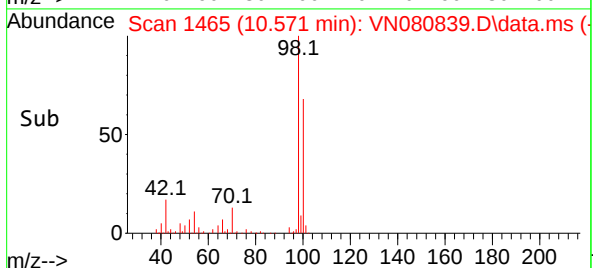
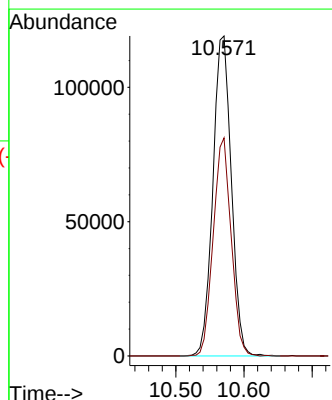
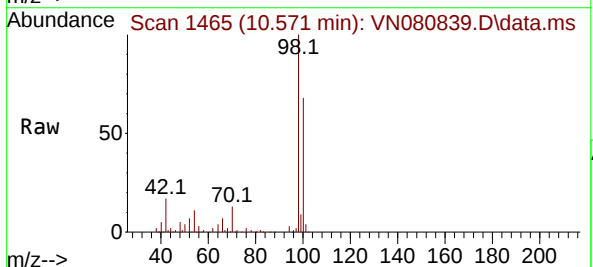
Instrument :
MSVOA_N
ClientSampleId :
AUD-1316

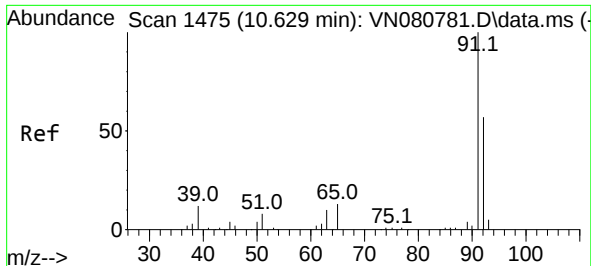
Tgt Ion: 78 Resp: 31543
Ion Ratio Lower Upper
78 100
77 29.0 20.4 30.6



#50
Toluene-d8
Concen: 44.740 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080839.D
Acq: 31 Jan 2024 14:45

Tgt Ion: 98 Resp: 224132
Ion Ratio Lower Upper
98 100
100 66.2 51.4 77.0

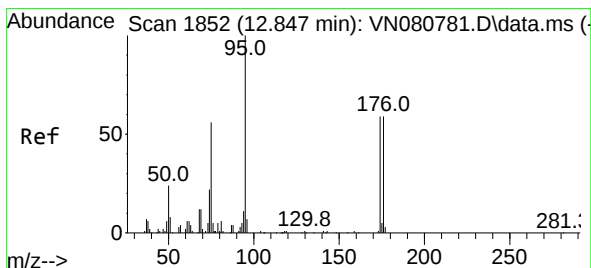
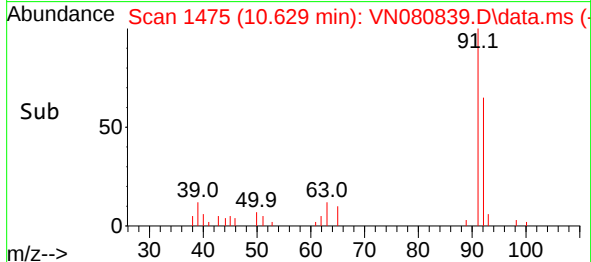
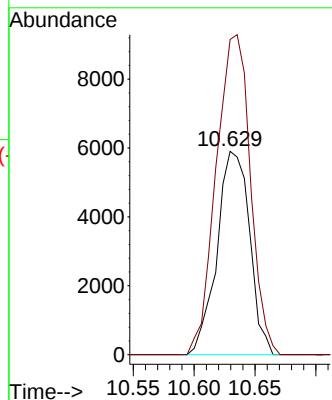
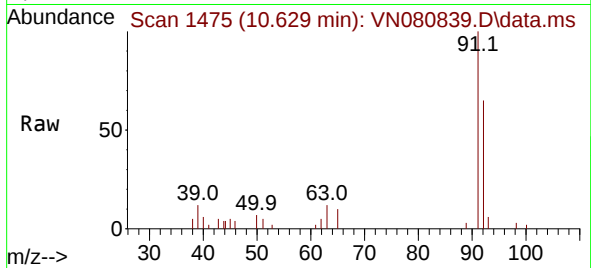




#52
Toluene
Concen: 2.744 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080839.D
Acq: 31 Jan 2024 14:45

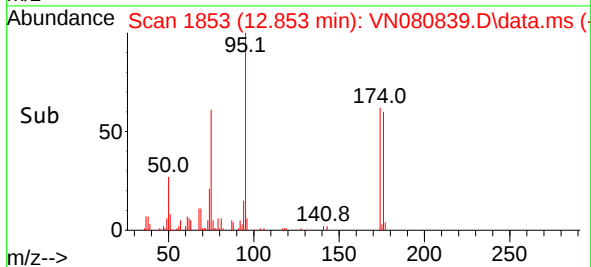
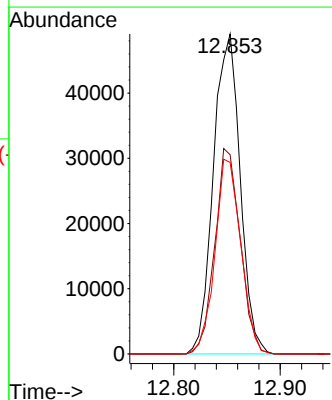
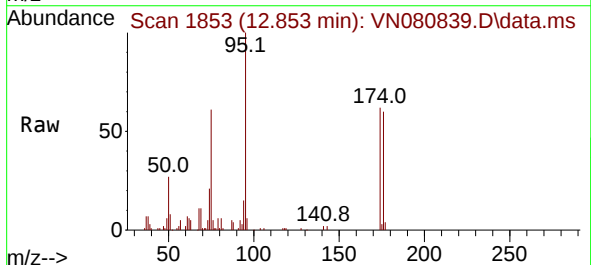
Instrument :
MSVOA_N
ClientSampleId :
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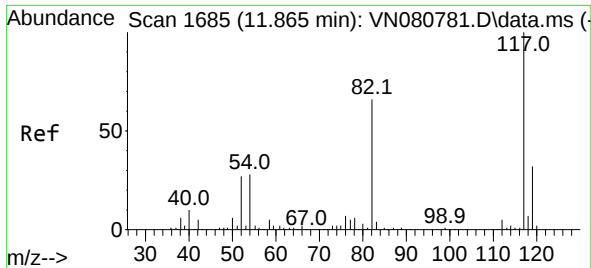
Tgt Ion: 92 Resp: 11001
Ion Ratio Lower Upper
92 100
91 164.9 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 48.971 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080839.D
Acq: 31 Jan 2024 14:45

Tgt Ion: 95 Resp: 85491
Ion Ratio Lower Upper
95 100
174 61.0 0.0 120.4
176 58.8 0.0 121.0

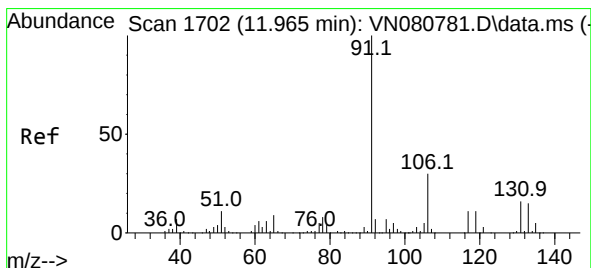
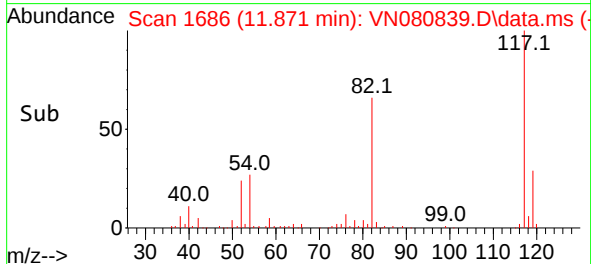
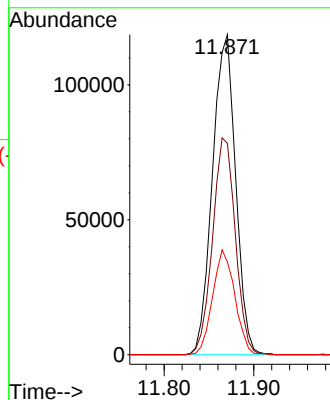
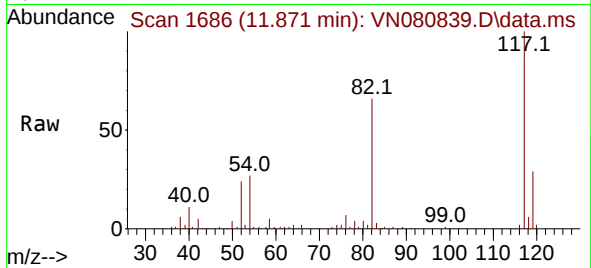




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080839.D
Acq: 31 Jan 2024 14:45

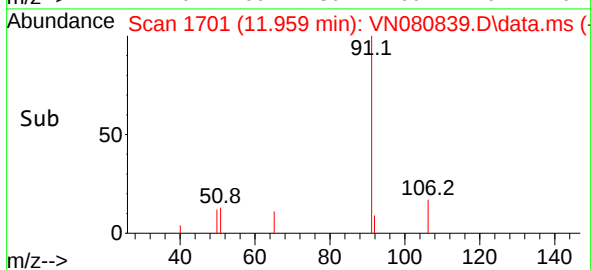
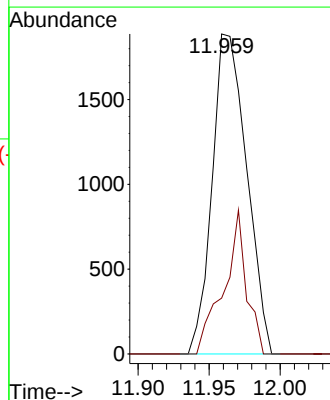
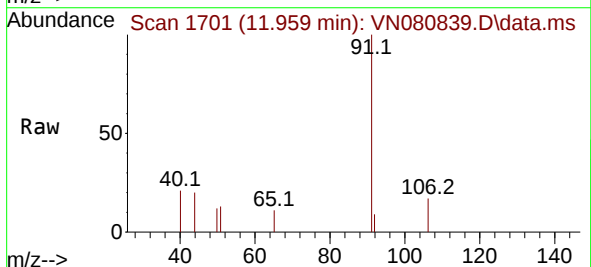
Instrument :
MSVOA_N
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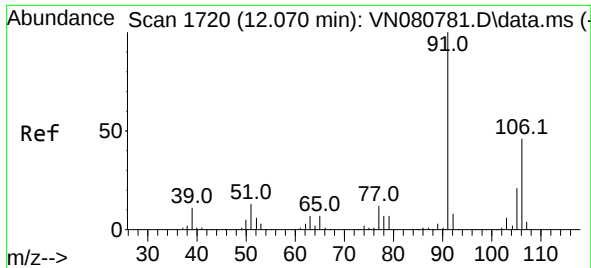
Tgt Ion:117 Resp: 212660
Ion Ratio Lower Upper
117 100
82 66.1 52.7 79.1
119 29.0 25.3 37.9



#67
Ethyl Benzene
Concen: 0.370 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080839.D
Acq: 31 Jan 2024 14:45

Tgt Ion: 91 Resp: 3189
Ion Ratio Lower Upper
91 100
106 17.4 23.8 35.6#

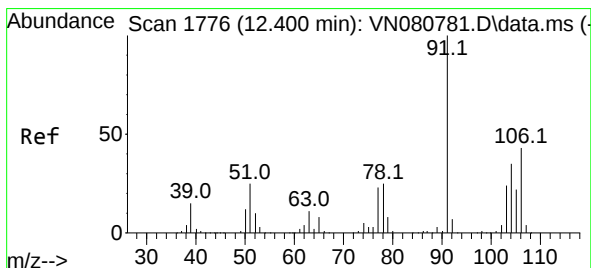
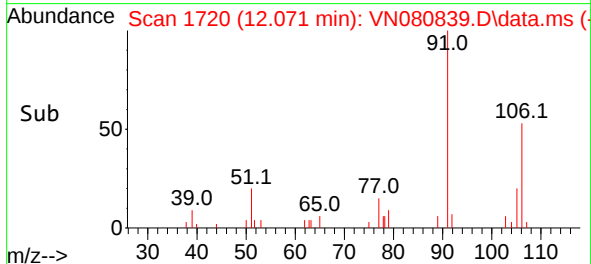
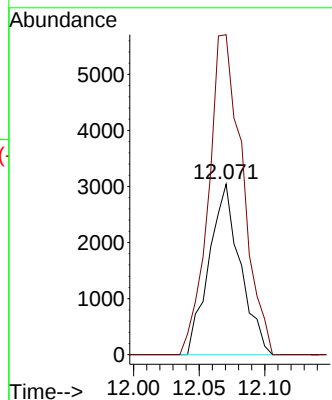
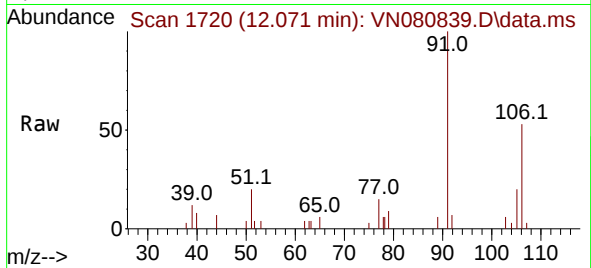




#68
m/p-Xylenes
Concen: 1.645 ug/l
RT: 12.071 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080839.D
Acq: 31 Jan 2024 14:45

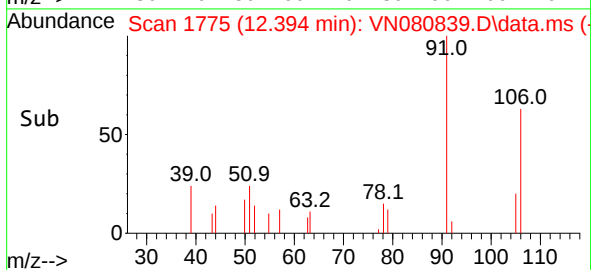
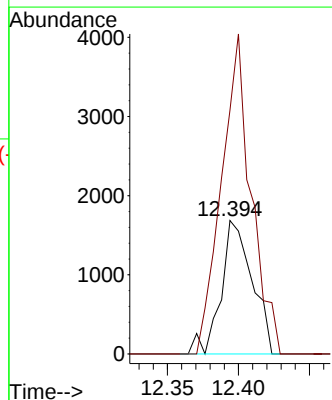
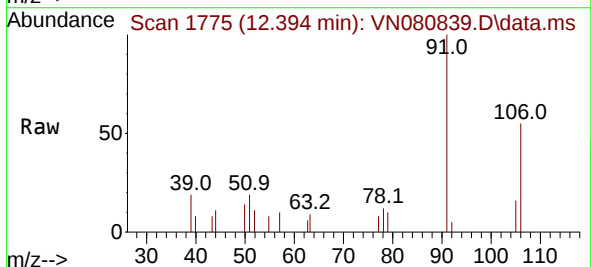
Instrument :
MSVOA_N
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AUD-1316

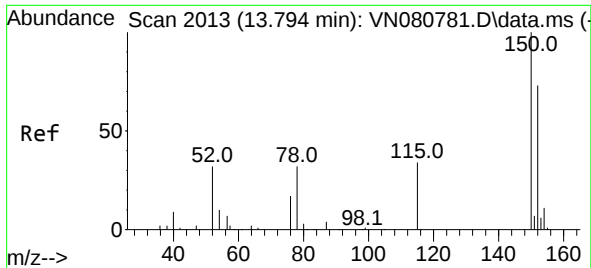
Tgt Ion:106 Resp: 5038
Ion Ratio Lower Upper
106 100
91 204.5 169.0 253.6



#69
o-Xylene
Concen: 0.840 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN080839.D
Acq: 31 Jan 2024 14:45

Tgt Ion:106 Resp: 2557
Ion Ratio Lower Upper
106 100
91 229.1 112.1 336.3

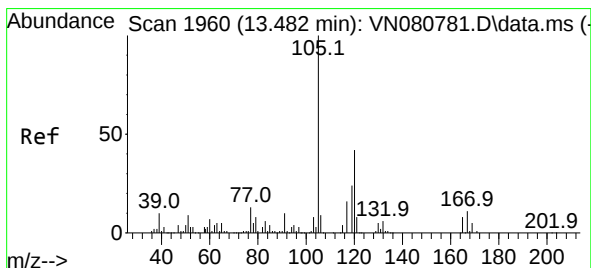
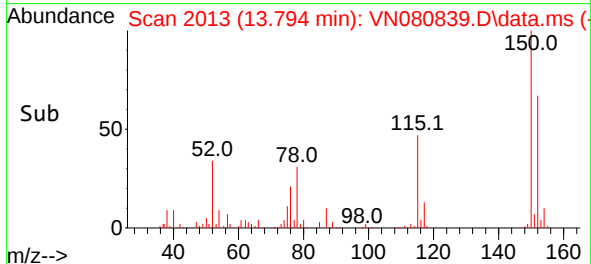
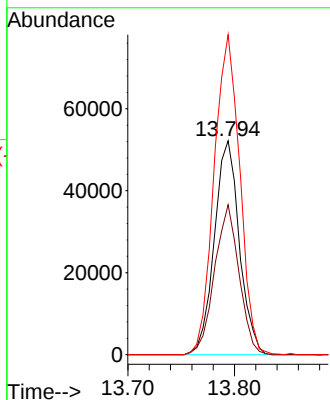
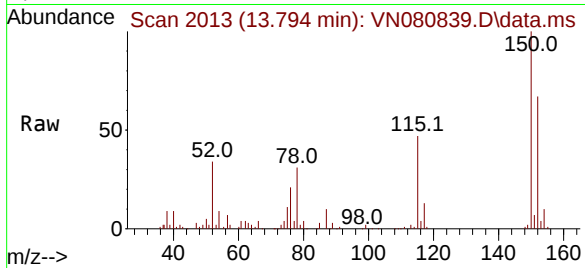




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN080839.D
 Acq: 31 Jan 2024 14:45

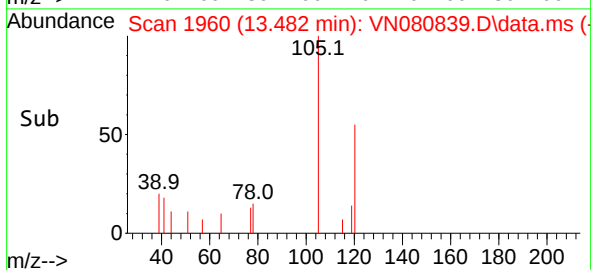
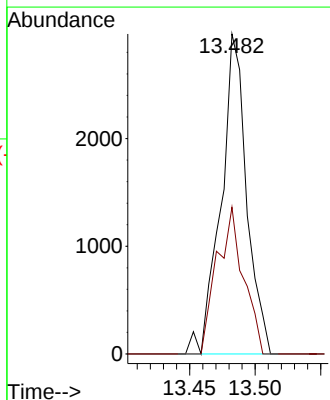
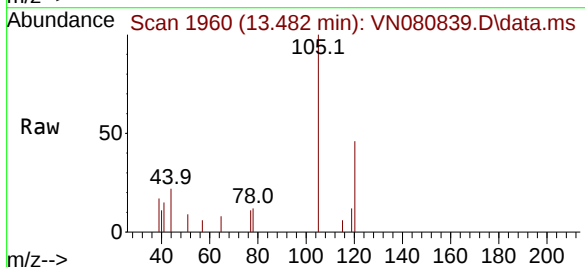
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1316

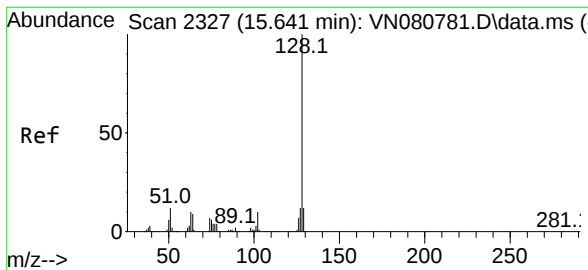
Tgt Ion:152 Resp: 84987
 Ion Ratio Lower Upper
 152 100
 115 68.7 32.3 96.8
 150 153.4 0.0 339.8



#84
 1,2,4-Trimethylbenzene
 Concen: 0.644 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN080839.D
 Acq: 31 Jan 2024 14:45

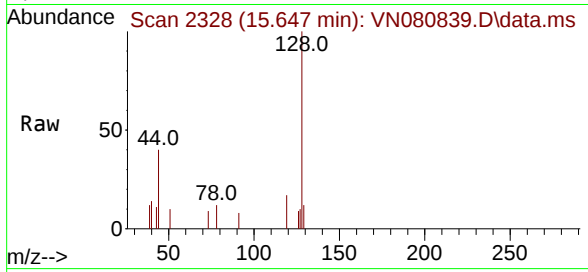
Tgt Ion:105 Resp: 4043
 Ion Ratio Lower Upper
 105 100
 120 47.5 20.9 62.7





#95
Naphthalene
Concen: 0.720 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080839.D
Acq: 31 Jan 2024 14:45

Instrument :
MSVOA_N
ClientSampleId :
AUD-1316



Tgt Ion:	128	Resp:	3863
Ion	Ratio	Lower	Upper
128	100		
127	9.7	10.0	15.0#
129	4.6	8.7	13.1#

