

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081853.D
 Acq On : 25 Apr 2024 16:17
 Operator : JC\MD
 Sample : P2257-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41A

Quant Time: Apr 26 05:37:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

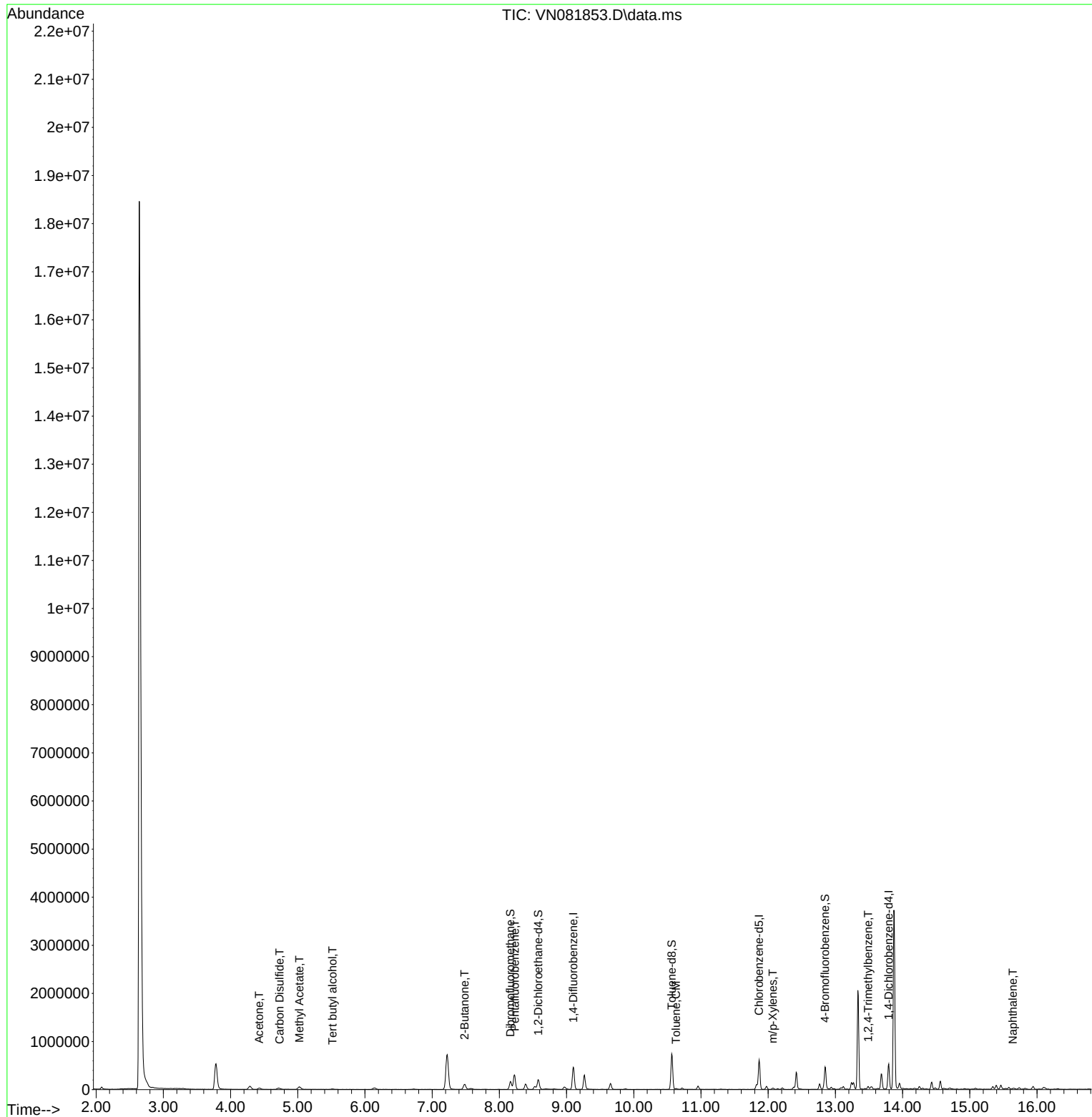
Internal Standards						
1) Pentafluorobenzene	8.229	168	207236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	384867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	326292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	165785	47.400	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.800%
35) Dibromofluoromethane	8.165	113	116394	50.230	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.460%
50) Toluene-d8	10.565	98	474785	52.170	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.340%
62) 4-Bromofluorobenzene	12.847	95	168671	46.885	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.760%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.518	59	15436	24.277	ug/l	97
16) Acetone	4.424	43	51204	45.024	ug/l	93
17) Carbon Disulfide	4.730	76	38358	5.084	ug/l	98
18) Methyl Acetate	5.024	43	105401	29.752	ug/l #	89
25) 2-Butanone	7.482	43	172796	87.044	ug/l #	86
52) Toluene	10.629	92	7294	1.076	ug/l	96
68) m/p-Xylenes	12.070	106	7329	1.551	ug/l	90
84) 1,2,4-Trimethylbenzene	13.488	105	12441	1.302	ug/l	95
95) Naphthalene	15.641	128	10121	1.131	ug/l #	85

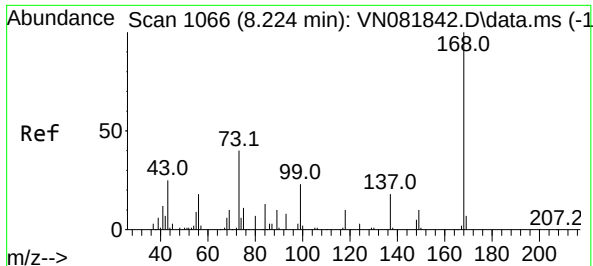
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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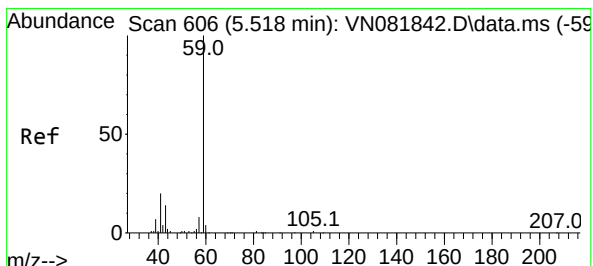
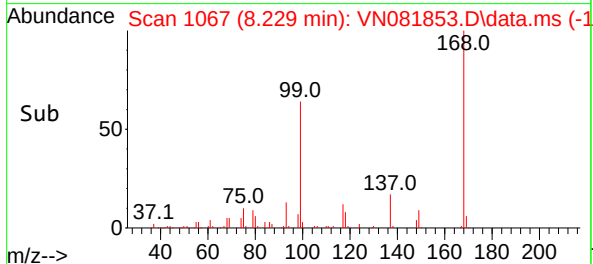
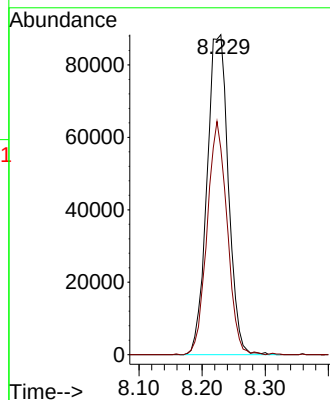
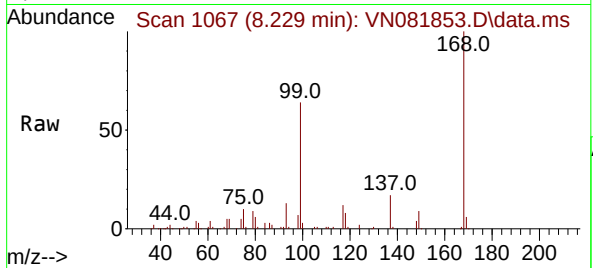




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

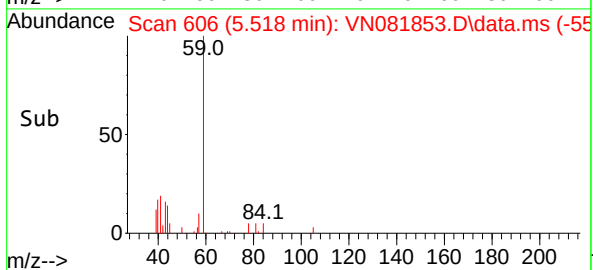
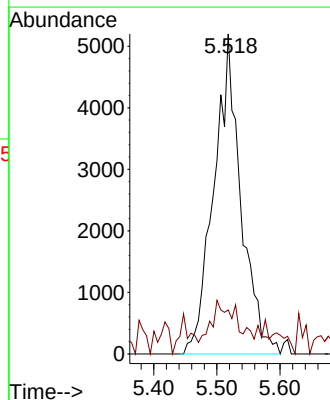
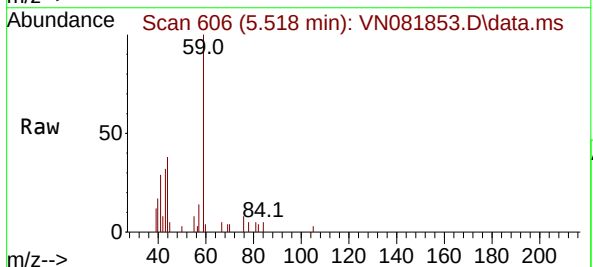
Instrument :
MSVOA_N
ClientSampleId :
41A

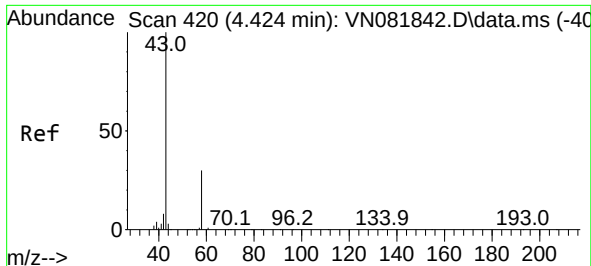
Tgt Ion:168 Resp: 207236
Ion Ratio Lower Upper
168 100
99 64.4 48.2 72.4



#11
Tert butyl alcohol
Concen: 24.277 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

Tgt Ion: 59 Resp: 15436
Ion Ratio Lower Upper
59 100
57 10.0 8.9 13.3

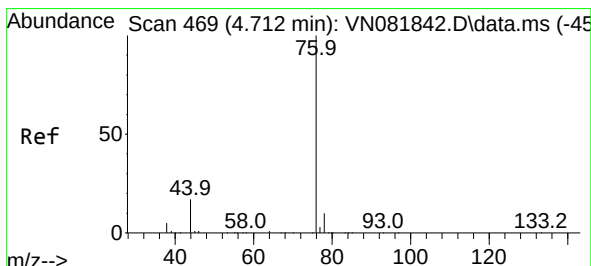
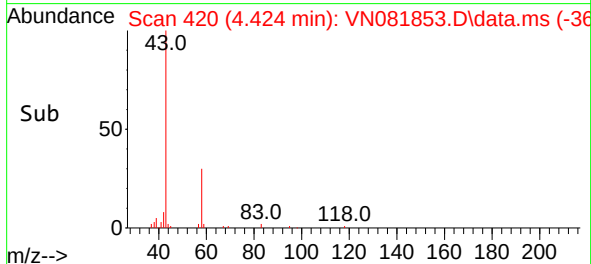
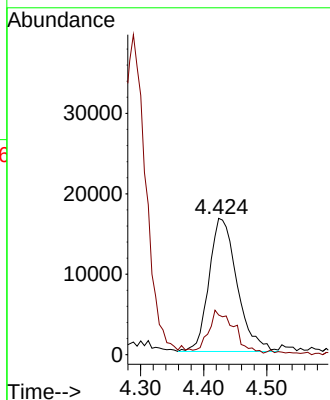
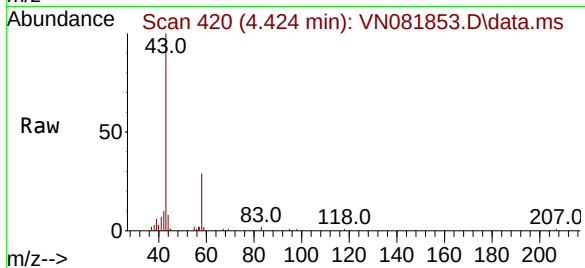




#16
Acetone
Concen: 45.024 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

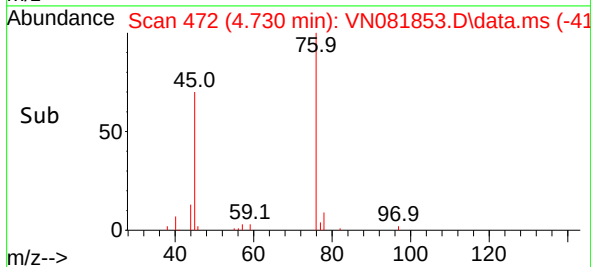
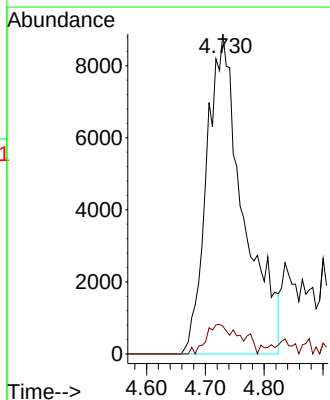
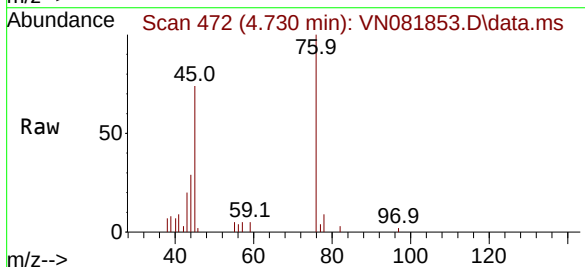
Instrument :
MSVOA_N
ClientSampleId :
41A

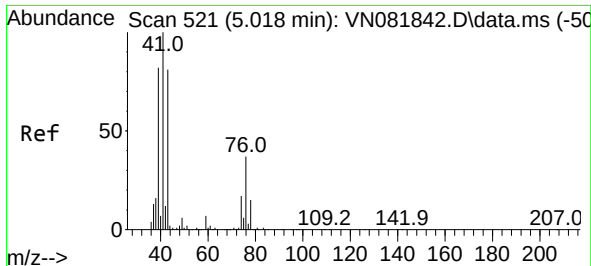
Tgt Ion: 43 Resp: 51204
Ion Ratio Lower Upper
43 100
58 27.4 25.2 37.8



#17
Carbon Disulfide
Concen: 5.084 ug/l
RT: 4.730 min Scan# 472
Delta R.T. 0.018 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

Tgt Ion: 76 Resp: 38358
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

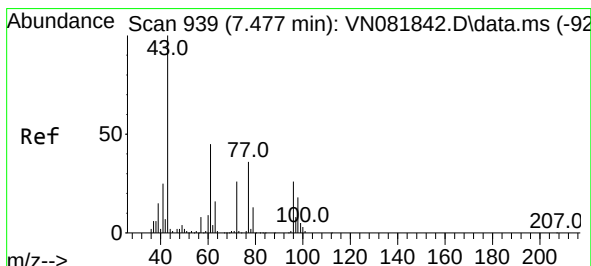
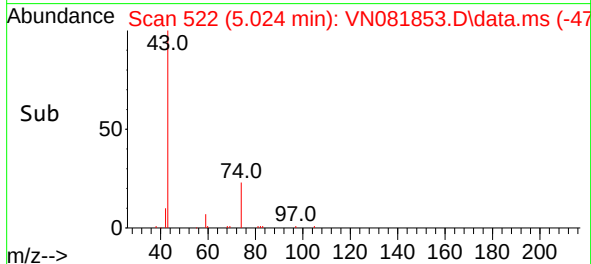
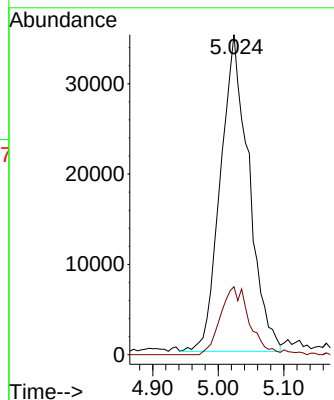
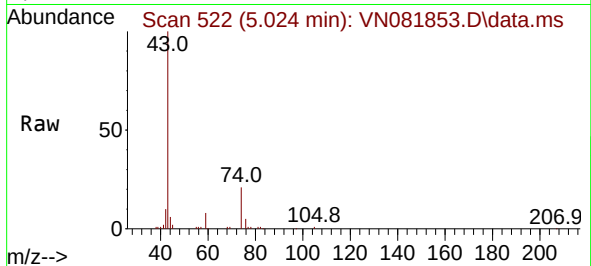




#18
Methyl Acetate
Concen: 29.752 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

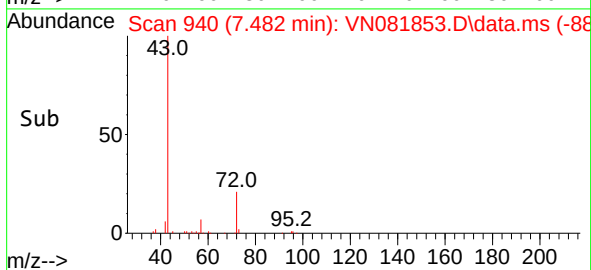
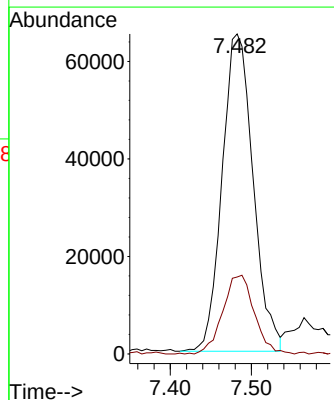
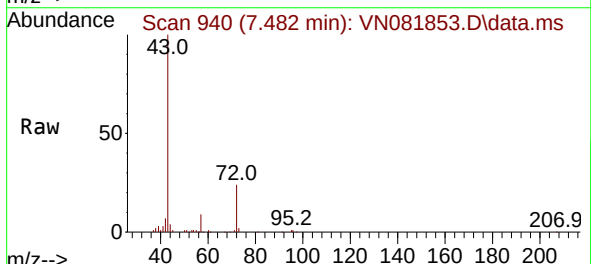
Instrument :
MSVOA_N
ClientSampleId :
41A

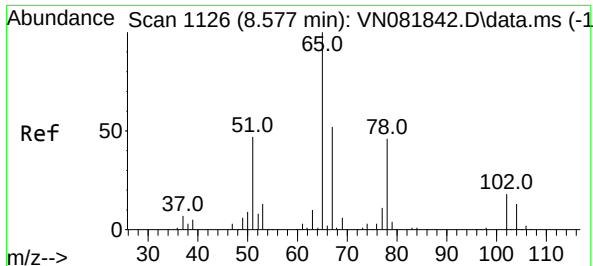
Tgt Ion: 43 Resp: 105401
Ion Ratio Lower Upper
43 100
74 21.7 22.2 33.2#



#25
2-Butanone
Concen: 87.044 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

Tgt Ion: 43 Resp: 172796
Ion Ratio Lower Upper
43 100
72 24.0 25.3 37.9#





#33

1,2-Dichloroethane-d4

Concen: 47.400 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081853.D

Acq: 25 Apr 2024 16:17

Instrument :

MSVOA_N

ClientSampleId :

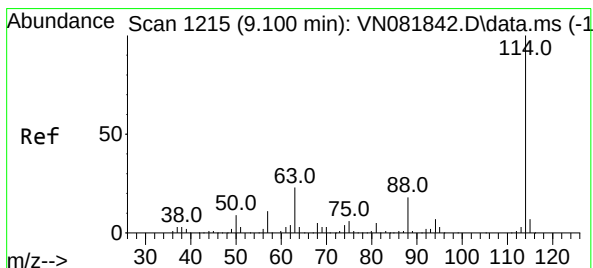
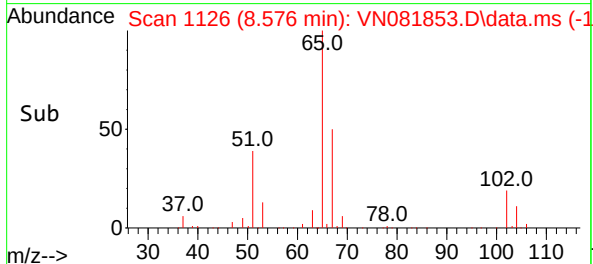
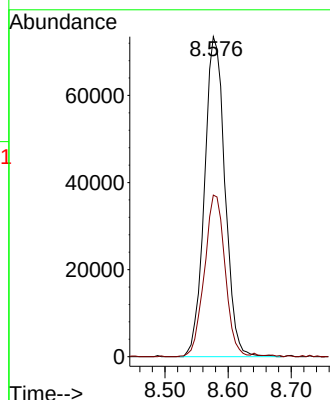
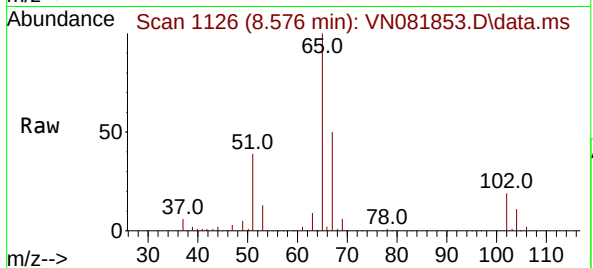
41A

Tgt Ion: 65 Resp: 165785

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081853.D

Acq: 25 Apr 2024 16:17

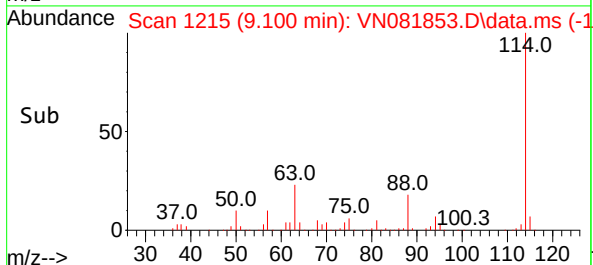
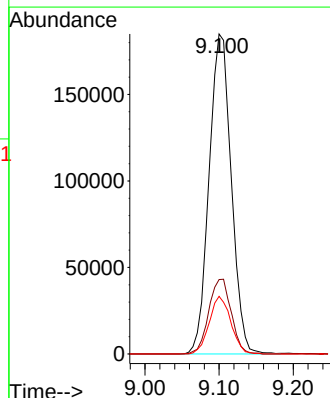
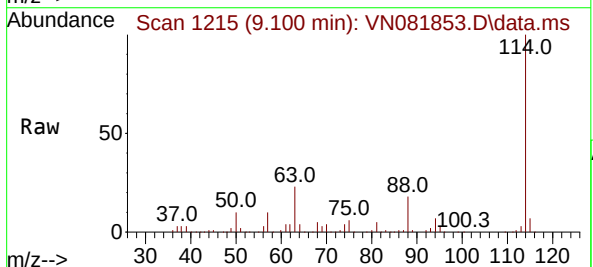
Tgt Ion: 114 Resp: 384867

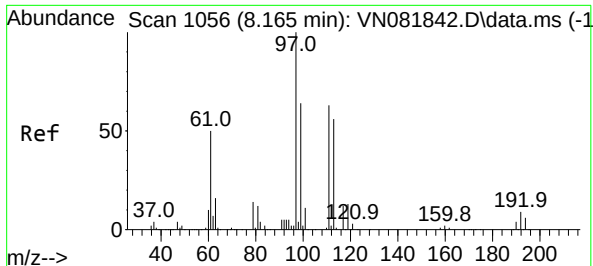
Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.0

88 18.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.230 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081853.D

Acq: 25 Apr 2024 16:17

Instrument :

MSVOA_N

ClientSampleId :

41A

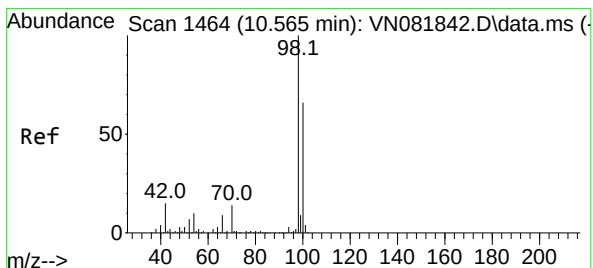
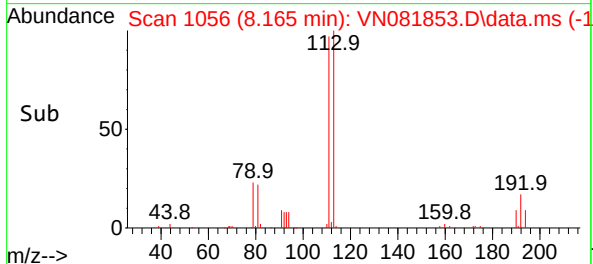
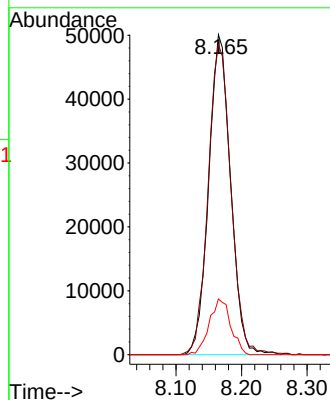
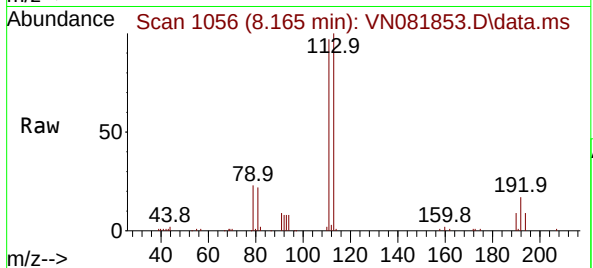
Tgt Ion:113 Resp: 116394

Ion Ratio Lower Upper

113 100

111 100.9 83.4 125.2

192 17.0 14.0 21.0



#50

Toluene-d8

Concen: 52.170 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN081853.D

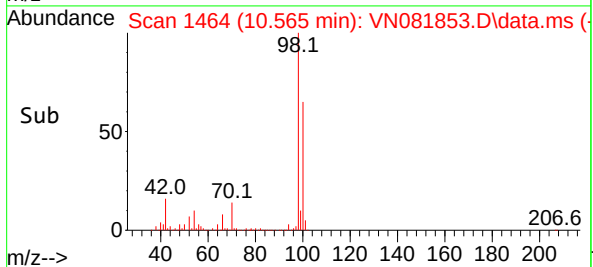
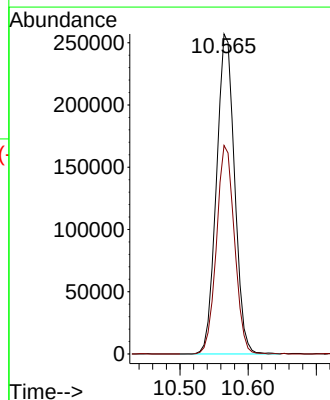
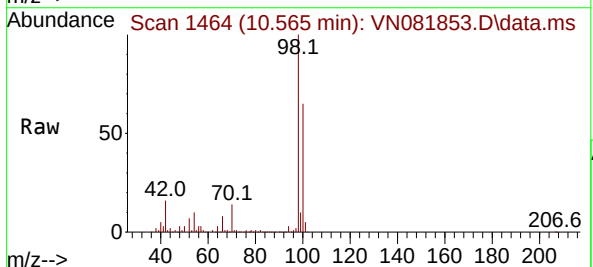
Acq: 25 Apr 2024 16:17

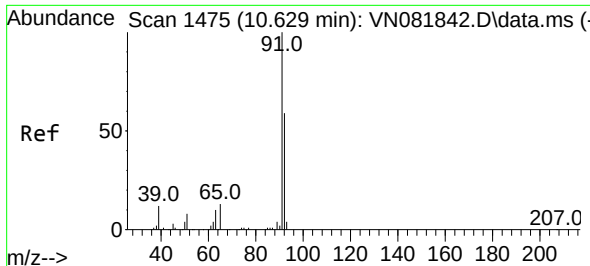
Tgt Ion: 98 Resp: 474785

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.6

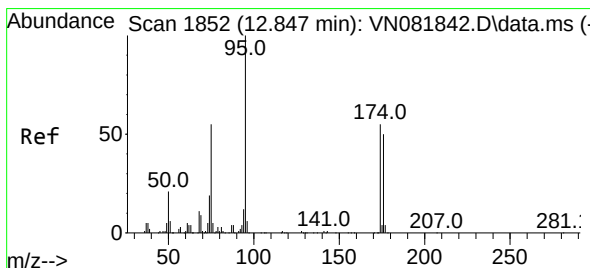
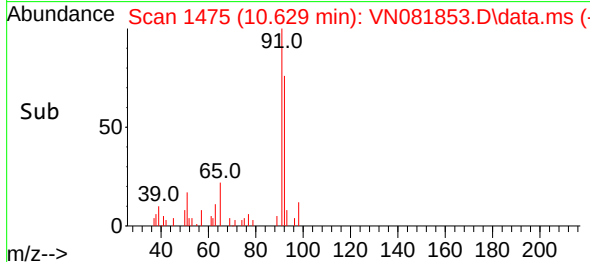
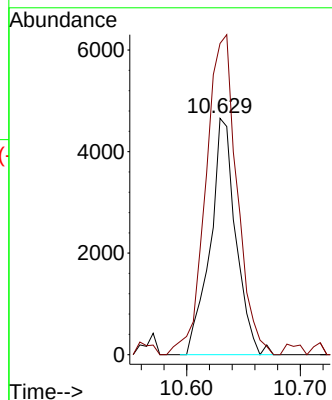
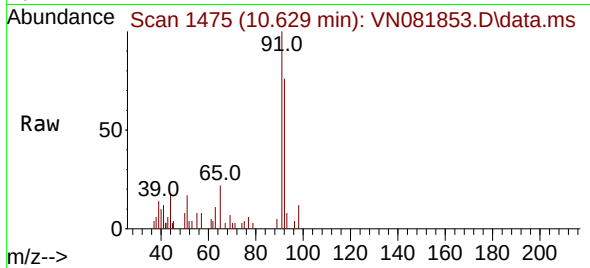




#52
Toluene
Concen: 1.076 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

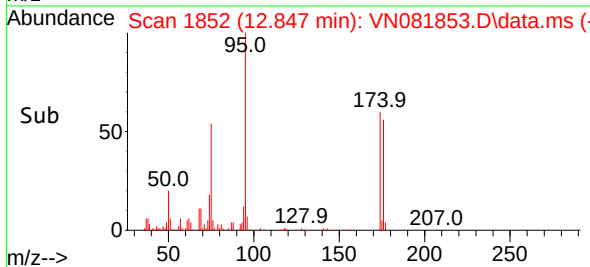
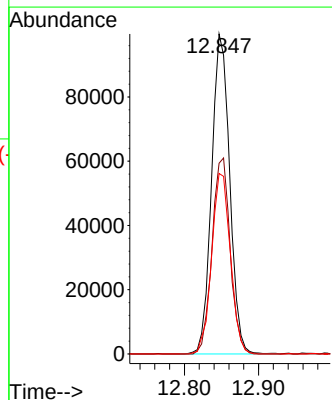
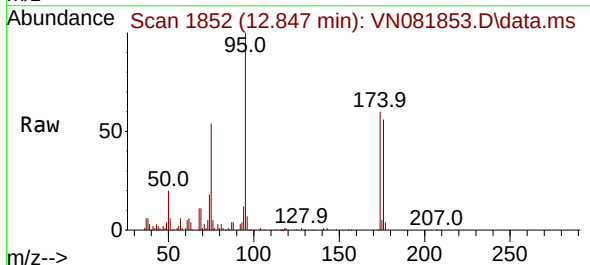
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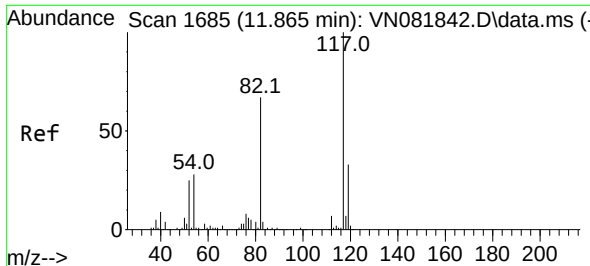
Tgt Ion: 92 Resp: 7294
Ion Ratio Lower Upper
92 100
91 164.9 136.7 205.1



#62
4-Bromofluorobenzene
Concen: 46.885 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

Tgt Ion: 95 Resp: 168671
Ion Ratio Lower Upper
95 100
174 61.5 0.0 160.6
176 58.5 0.0 152.8

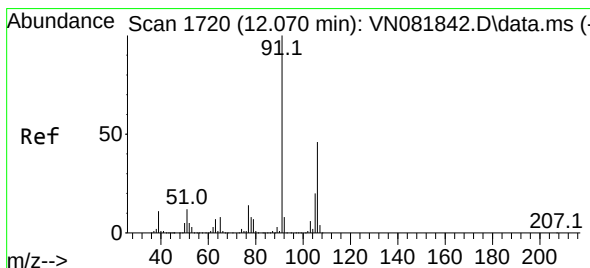
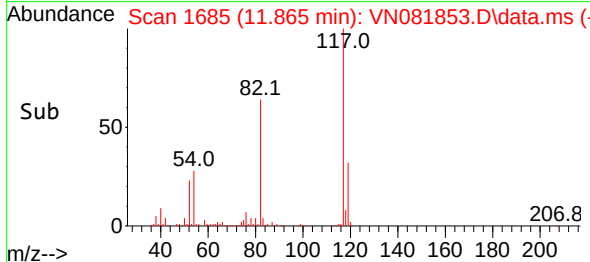
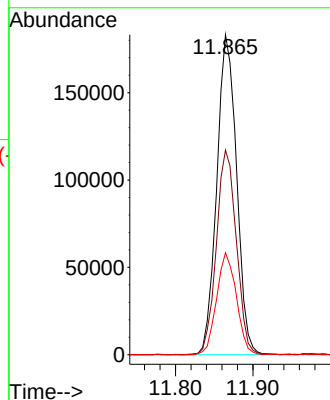
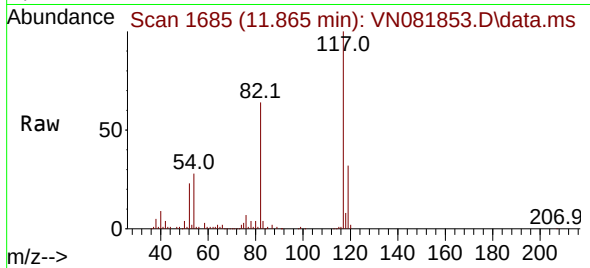




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

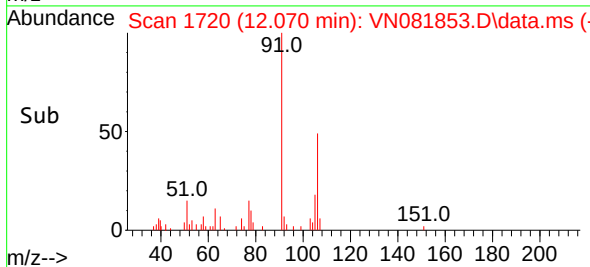
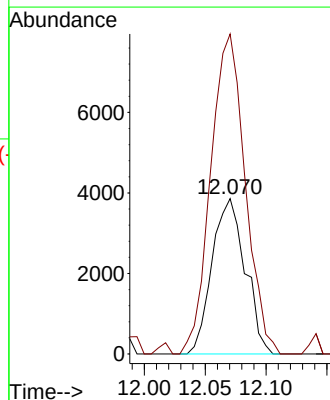
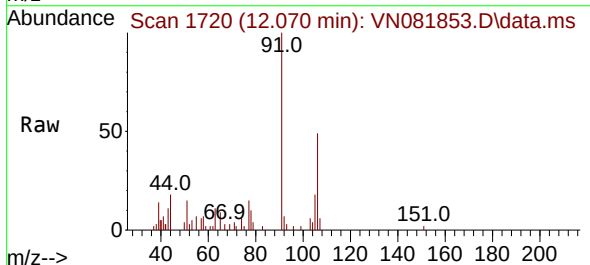
Instrument :
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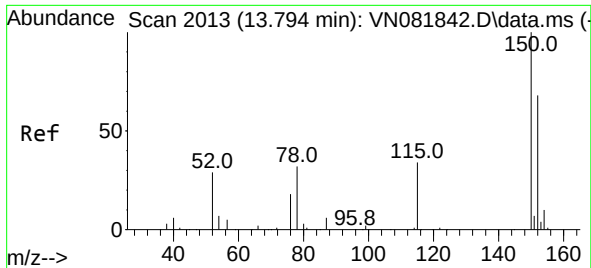
Tgt Ion:117 Resp: 326292
Ion Ratio Lower Upper
117 100
82 64.0 44.6 66.8
119 31.9 25.9 38.9



#68
m/p-Xylenes
Concen: 1.551 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

Tgt Ion:106 Resp: 7329
Ion Ratio Lower Upper
106 100
91 214.3 159.4 239.0

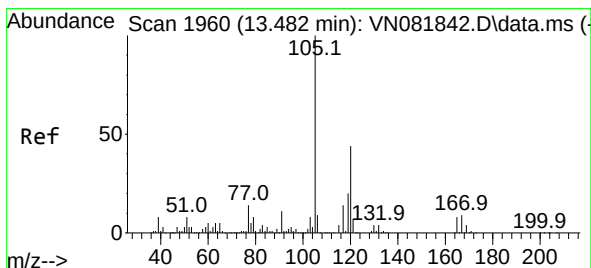
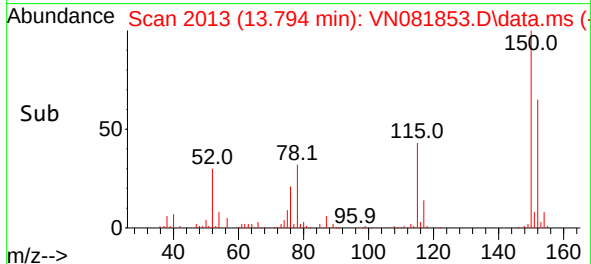
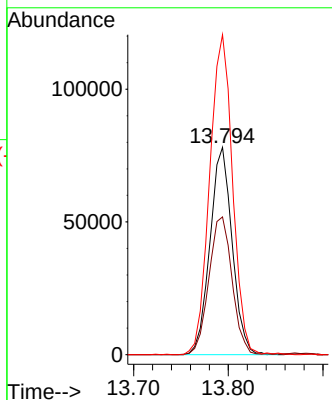
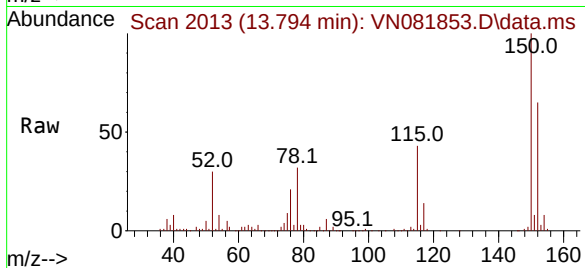




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN081853.D
 Acq: 25 Apr 2024 16:17

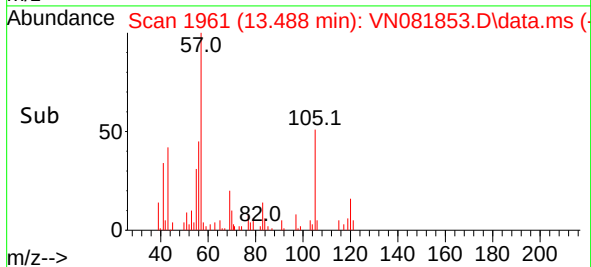
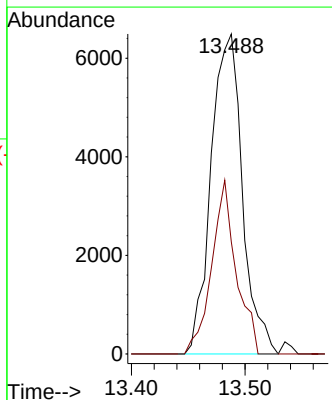
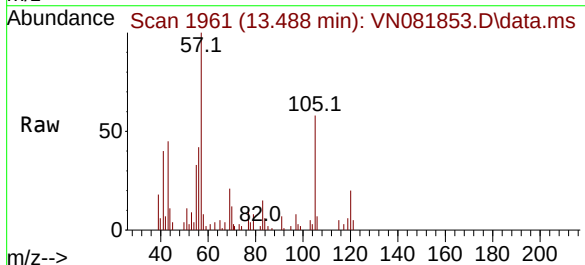
Instrument :
 MSVOA_N
 ClientSampleId :
 41A

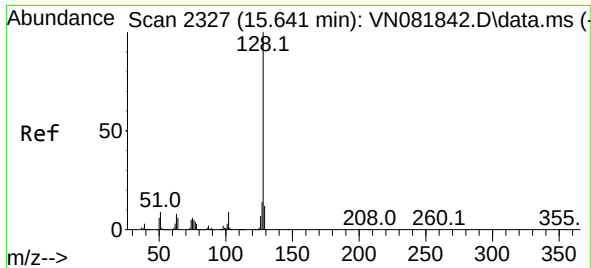
Tgt Ion:152 Resp: 127147
 Ion Ratio Lower Upper
 152 100
 115 69.5 30.4 91.3
 150 159.0 0.0 353.2



#84
 1,2,4-Trimethylbenzene
 Concen: 1.302 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN081853.D
 Acq: 25 Apr 2024 16:17

Tgt Ion:105 Resp: 12441
 Ion Ratio Lower Upper
 105 100
 120 42.5 22.9 68.7





#95
Naphthalene
Concen: 1.131 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

Instrument :
MSVOA_N
ClientSampleId :
41A

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.3	10.1	15.1#
129	20.7	8.9	13.3#

