

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083952.D
 Acq On : 17 Sep 2024 17:53
 Operator : JC\MD
 Sample : P3940-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AST-2024-4036-PRIM

Quant Time: Sep 18 01:53:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

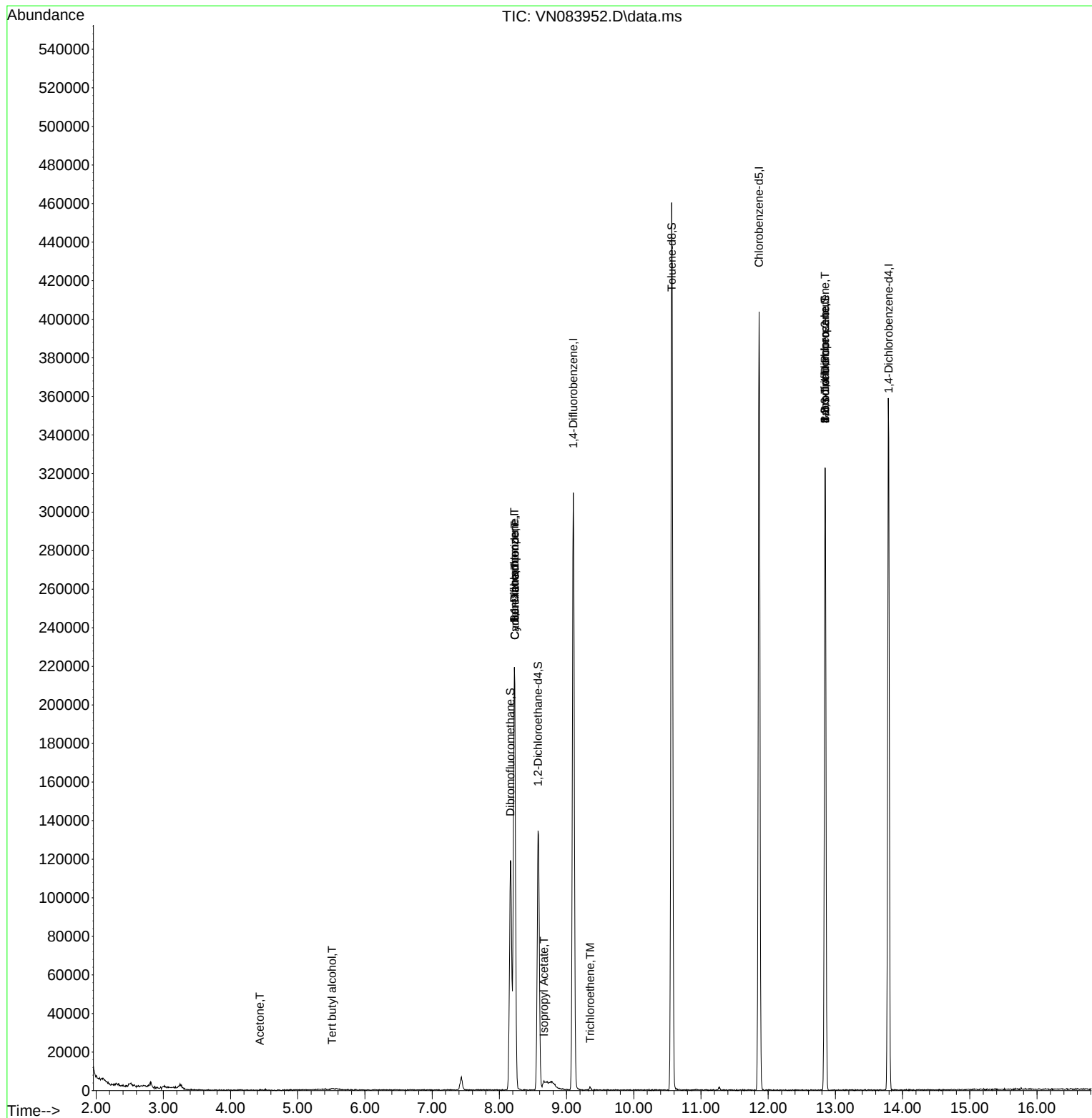
Internal Standards						
1) Pentafluorobenzene	8.224	168	147201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	253565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	211240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	116890	52.663	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.320%	
35) Dibromofluoromethane	8.165	113	82596	50.882	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.760%	
50) Toluene-d8	10.565	98	301600	53.744	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.480%	
62) 4-Bromofluorobenzene	12.847	95	107114	46.264	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 92.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	160	Below Cal	#	41
11) Tert butyl alcohol	5.512	59	589	1.982	ug/l #	71
16) Acetone	4.436	43	279	0.314	ug/l #	45
18) Methyl Acetate	5.030	43	148	Below Cal	#	52
31) Cyclohexane	8.229	56	4258	1.327	ug/l #	26
36) 1,1-Dichloropropene	8.224	75	14099	5.771	ug/l #	50
38) Carbon Tetrachloride	8.229	117	17138	6.183	ug/l #	15
43) Isopropyl Acetate	8.665	43	4159	1.035	ug/l #	57
44) Trichloroethene	9.353	130	551	0.324	ug/l	76
71) Bromoform	12.847	173	361	0.329	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	62384	34.360	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	62384	89.991	ug/l #	9

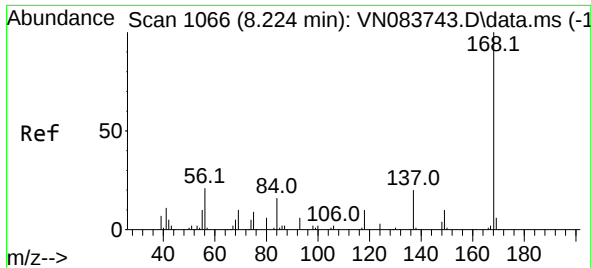
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

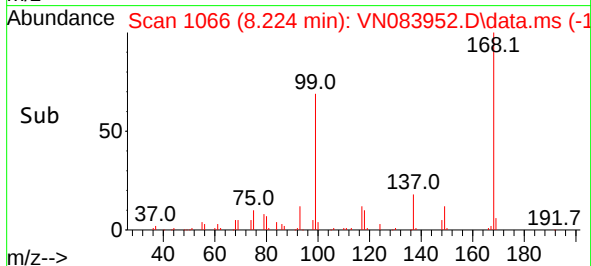
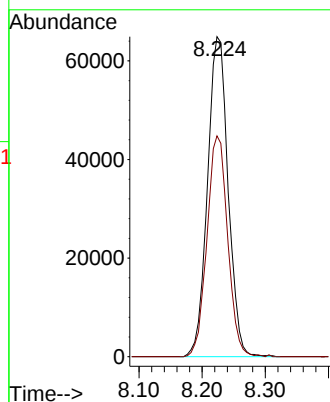
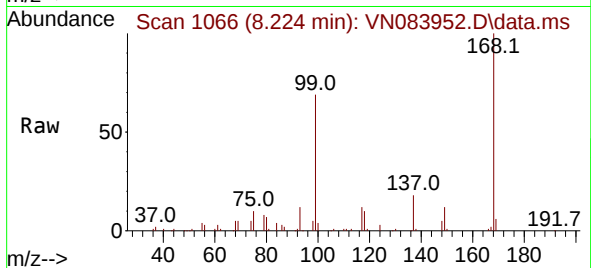




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083952.D
Acq: 17 Sep 2024 17:53

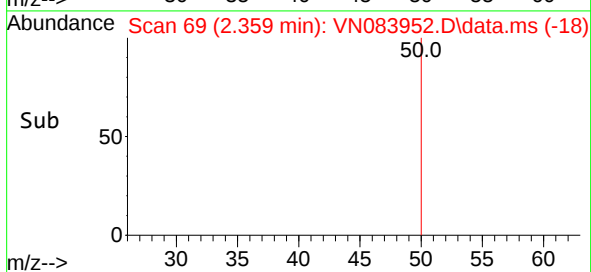
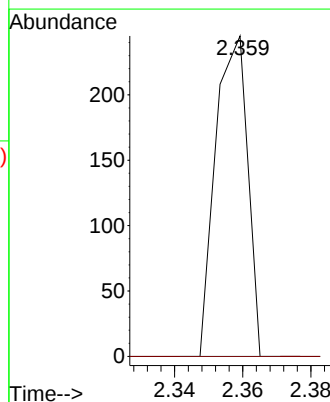
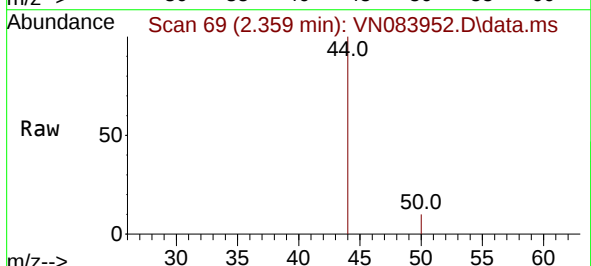
Instrument :
MSVOA_N
ClientSampleId :
AST-2024-4036-PRIM

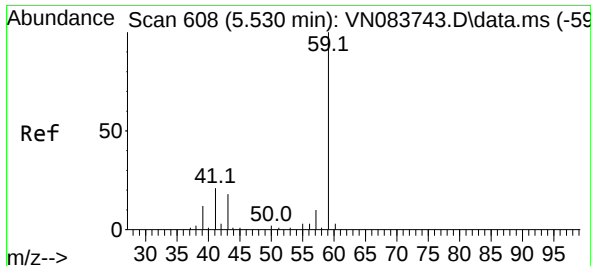
Tgt Ion:168 Resp: 147201
Ion Ratio Lower Upper
168 100
99 69.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083952.D
Acq: 17 Sep 2024 17:53

Tgt Ion: 50 Resp: 160
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

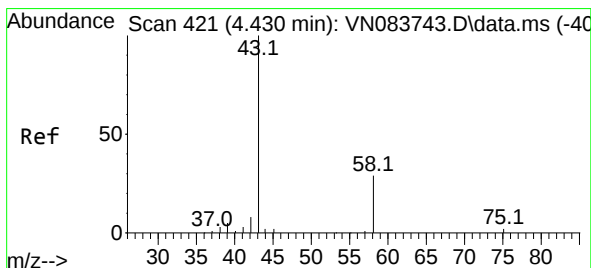
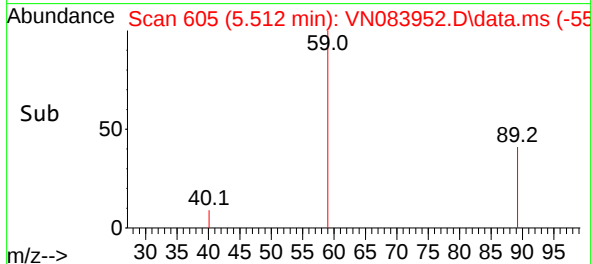
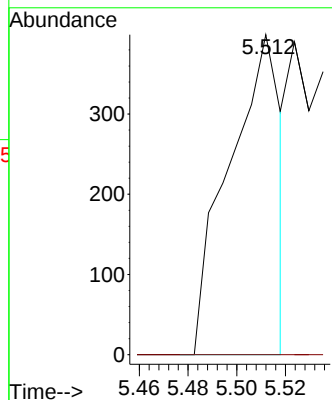
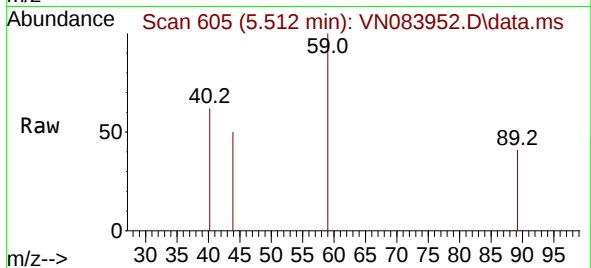




#11
Tert butyl alcohol
Concen: 1.982 ug/l
RT: 5.512 min Scan# 608
Delta R.T. -0.018 min
Lab File: VN083952.D
Acq: 17 Sep 2024 17:53

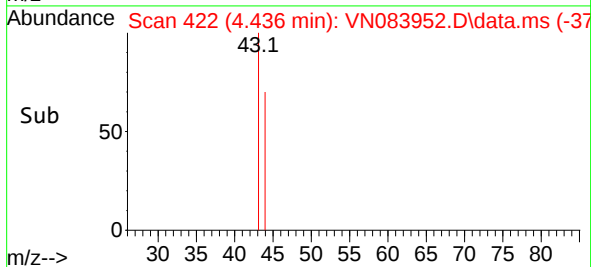
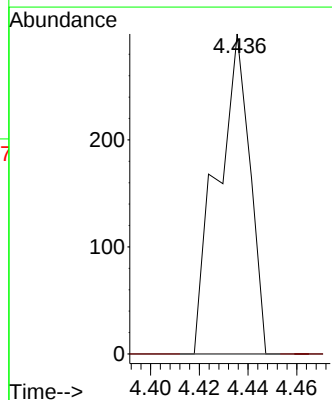
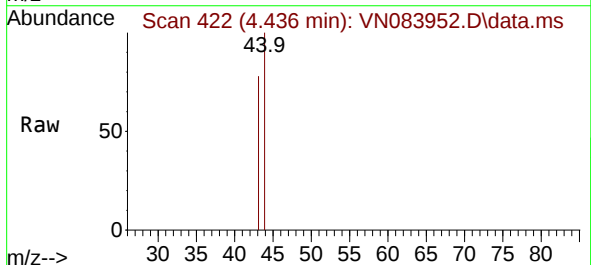
Instrument :
MSVOA_N
ClientSampleId :
AST-2024-4036-PRIM

Tgt Ion: 59 Resp: 589
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 0.314 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083952.D
Acq: 17 Sep 2024 17:53

Tgt Ion: 43 Resp: 279
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#

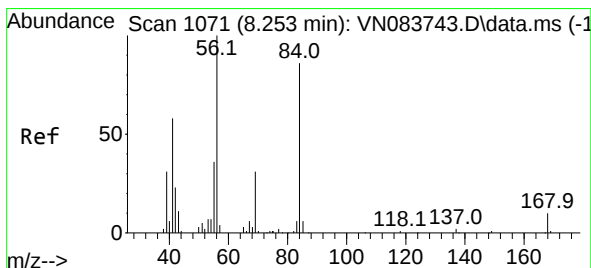
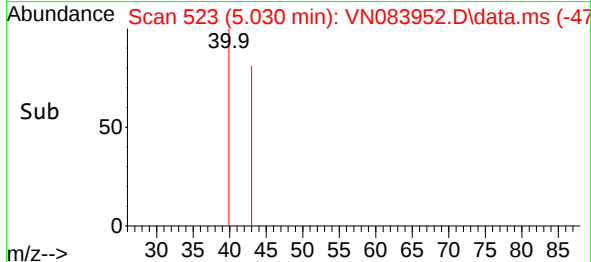
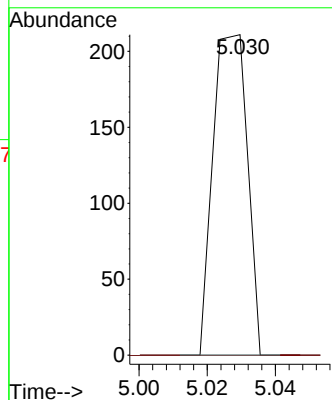
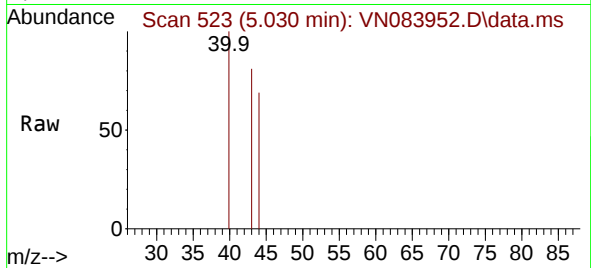




#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083952.D
Acq: 17 Sep 2024 17:53

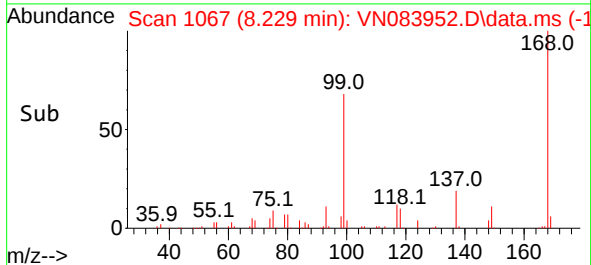
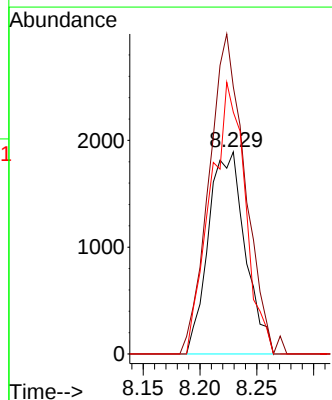
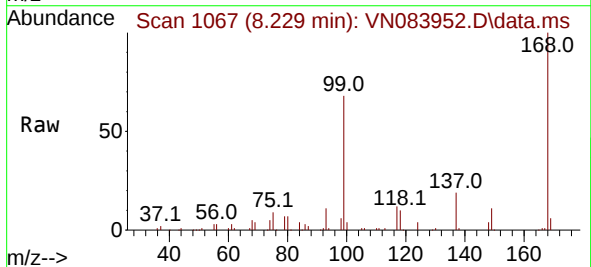
Instrument :
MSVOA_N
ClientSampleId :
AST-2024-4036-PRIM

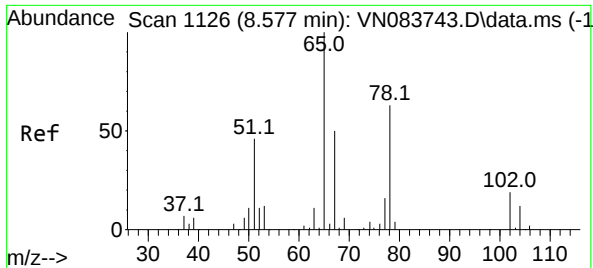
Tgt Ion: 43 Resp: 148
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#31
Cyclohexane
Concen: 1.327 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN083952.D
Acq: 17 Sep 2024 17:53

Tgt Ion: 56 Resp: 4258
Ion Ratio Lower Upper
56 100
69 132.1 26.9 40.3#
84 119.7 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 52.663 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083952.D

Acq: 17 Sep 2024 17:53

Instrument :

MSVOA_N

ClientSampleId :

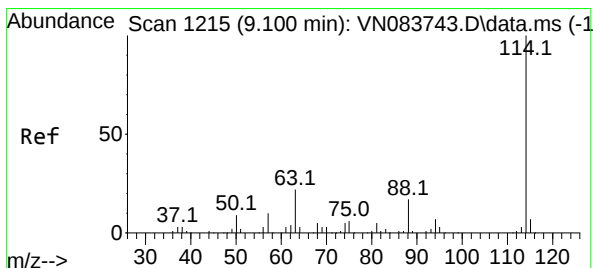
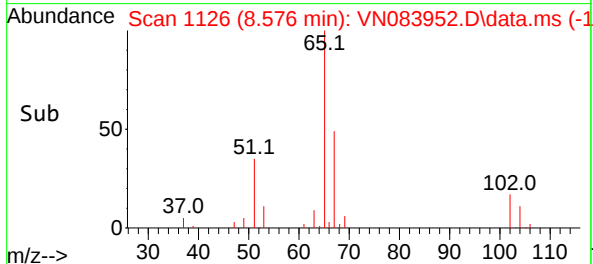
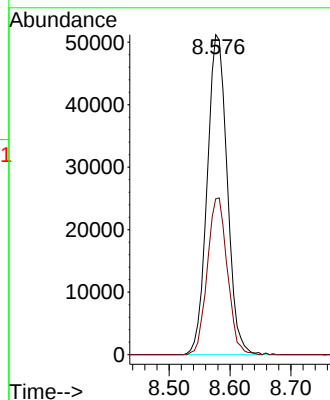
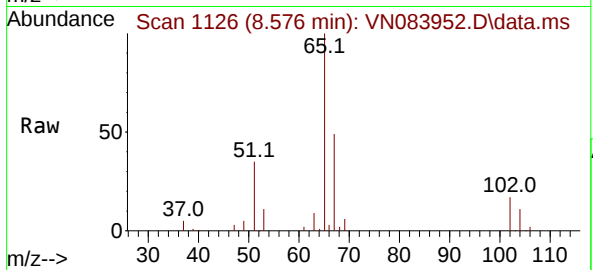
AST-2024-4036-PRIM

Tgt Ion: 65 Resp: 116890

Ion Ratio Lower Upper

65 100

67 49.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083952.D

Acq: 17 Sep 2024 17:53

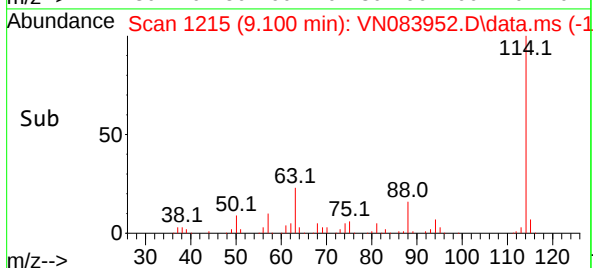
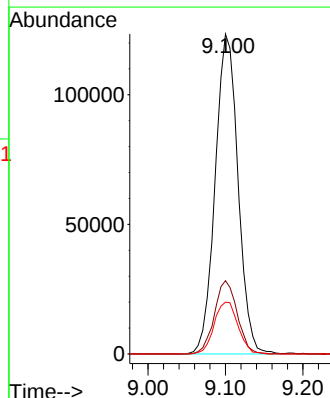
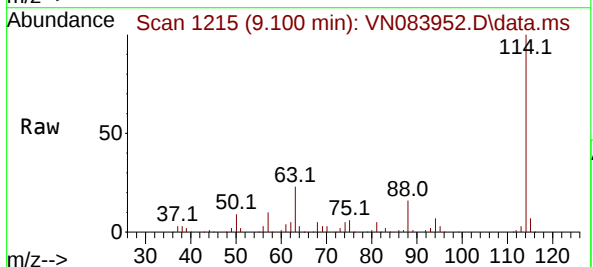
Tgt Ion: 114 Resp: 253565

Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.4

88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.882 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083952.D

Acq: 17 Sep 2024 17:53

Instrument :

MSVOA_N

ClientSampleId :

AST-2024-4036-PRIM

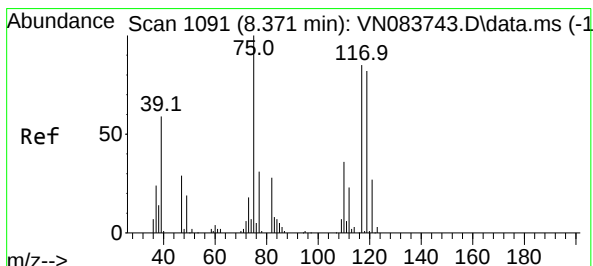
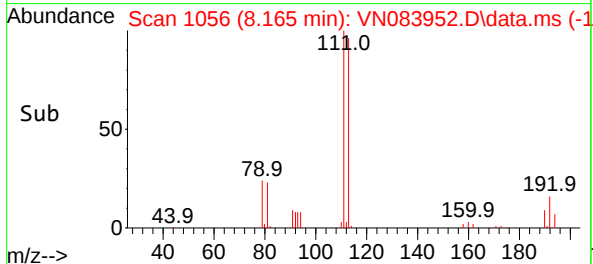
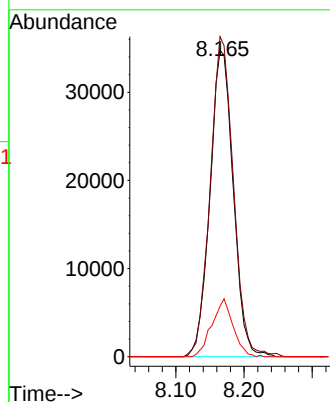
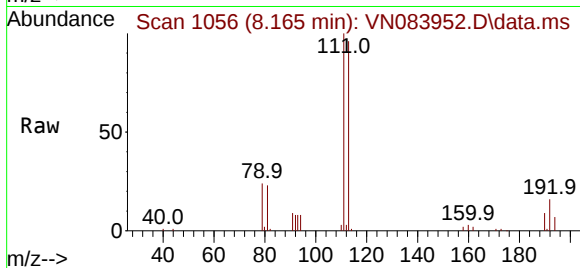
Tgt Ion:113 Resp: 82596

Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 17.3 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.771 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083952.D

Acq: 17 Sep 2024 17:53

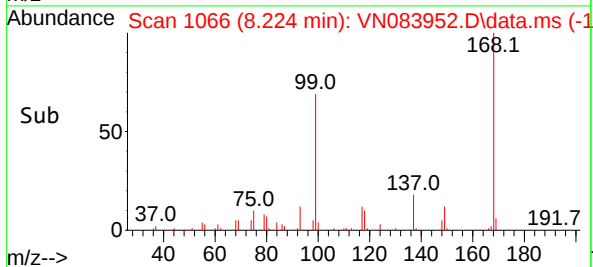
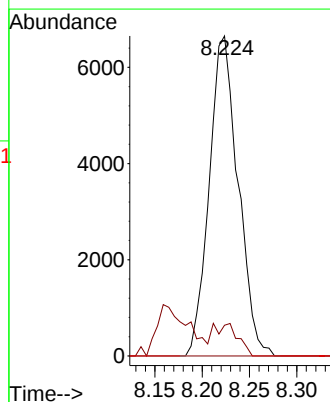
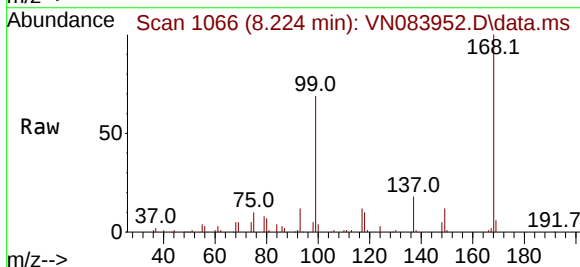
Tgt Ion: 75 Resp: 14099

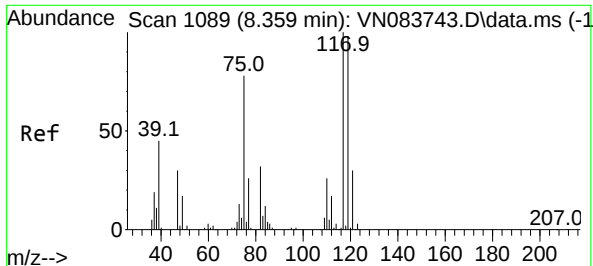
Ion Ratio Lower Upper

75 100

110 8.4 16.7 50.1#

77 0.0 25.2 37.8#

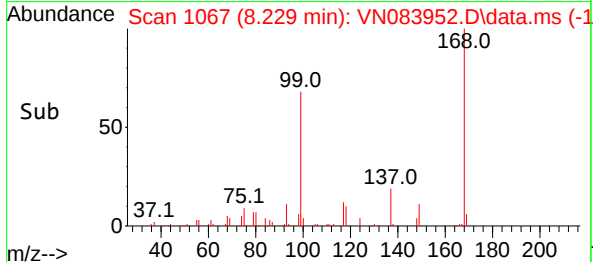
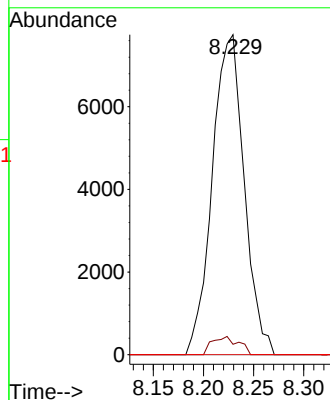
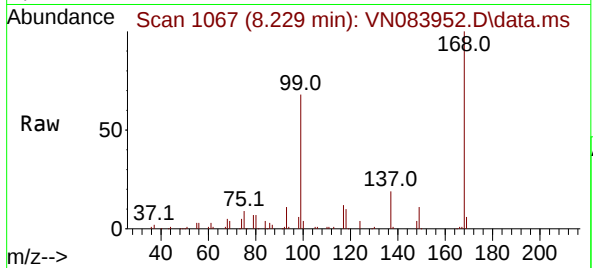




#38
Carbon Tetrachloride
Concen: 6.183 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.130 min
Lab File: VN083952.D
Acq: 17 Sep 2024 17:53

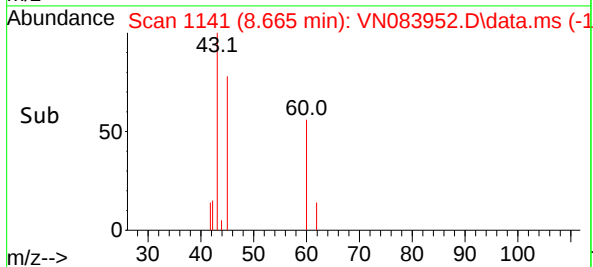
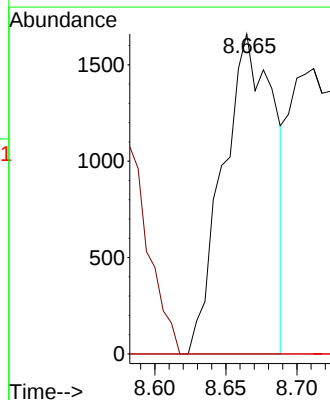
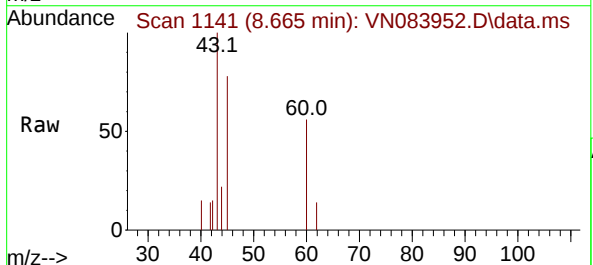
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AST-2024-4036-PRIM

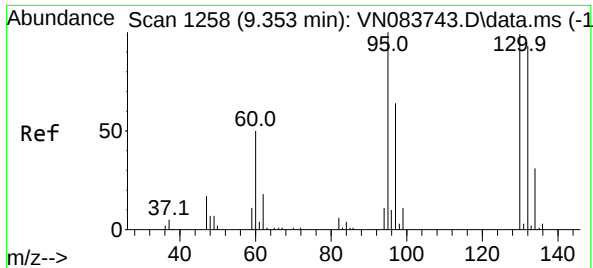
Tgt Ion: 117 Resp: 17138
Ion Ratio Lower Upper
117 100
119 3.2 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 1.035 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.024 min
Lab File: VN083952.D
Acq: 17 Sep 2024 17:53

Tgt Ion: 43 Resp: 4159
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

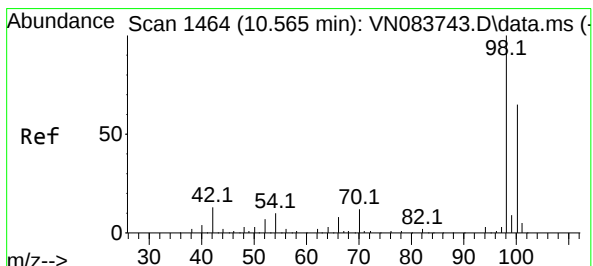
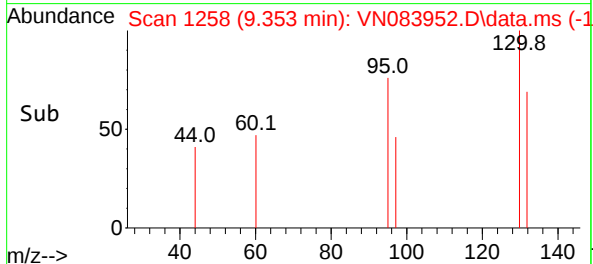
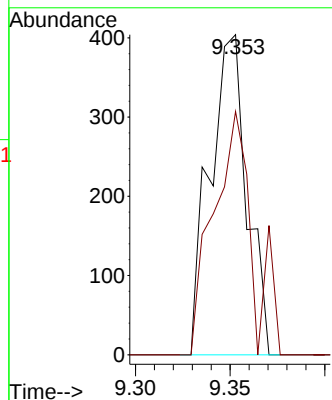
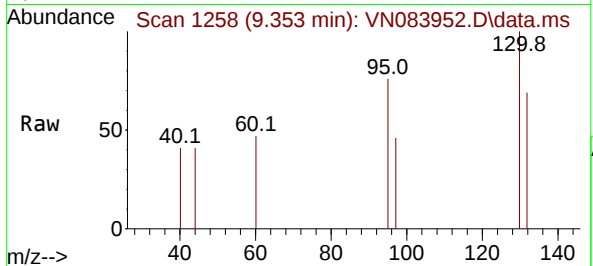




#44
Trichloroethene
Concen: 0.324 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083952.D
Acq: 17 Sep 2024 17:53

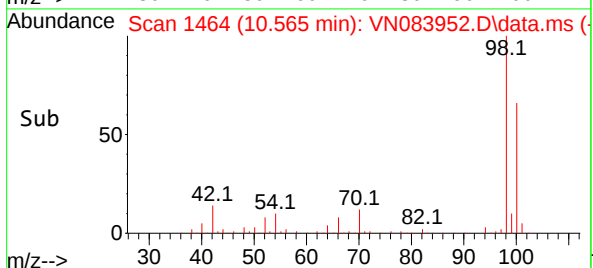
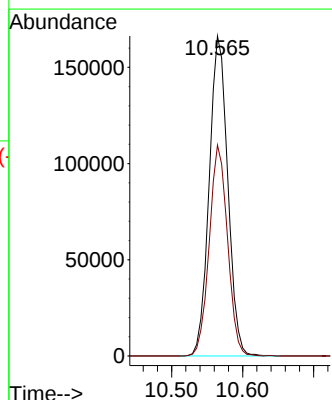
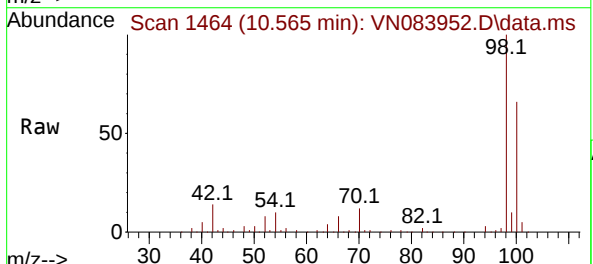
Instrument :
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AST-2024-4036-PRIM

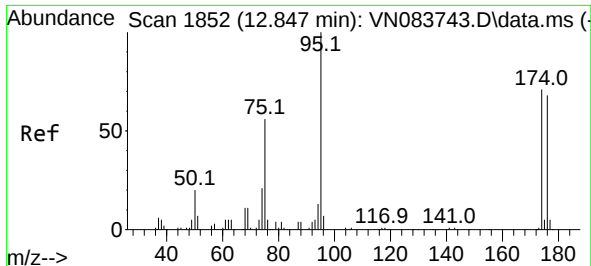
Tgt Ion:130 Resp: 551
Ion Ratio Lower Upper
130 100
95 76.0 0.0 200.4



#50
Toluene-d8
Concen: 53.744 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083952.D
Acq: 17 Sep 2024 17:53

Tgt Ion: 98 Resp: 301600
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

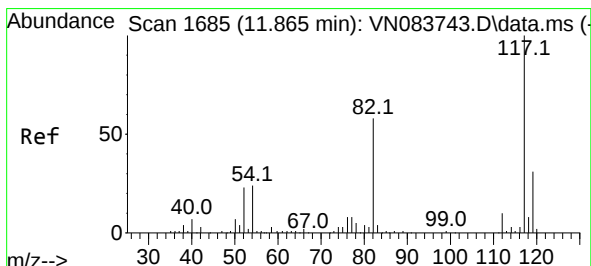
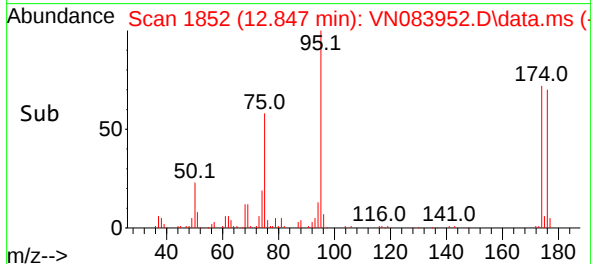
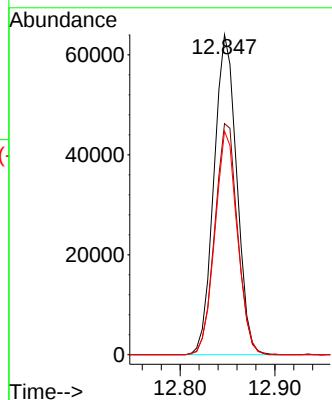
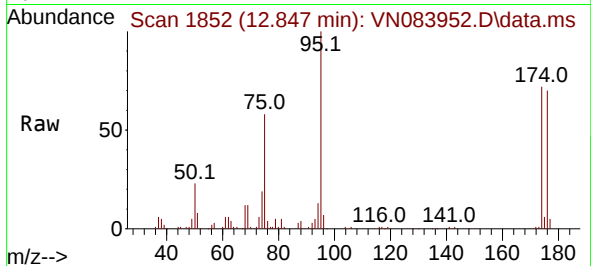




#62
4-Bromofluorobenzene
Concen: 46.264 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083952.D
Acq: 17 Sep 2024 17:53

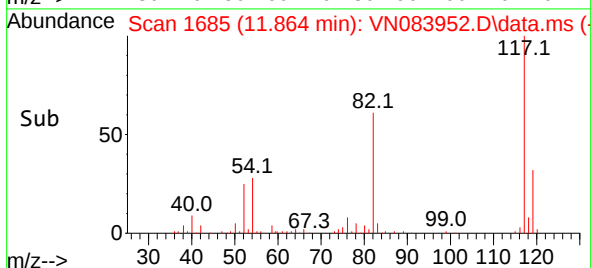
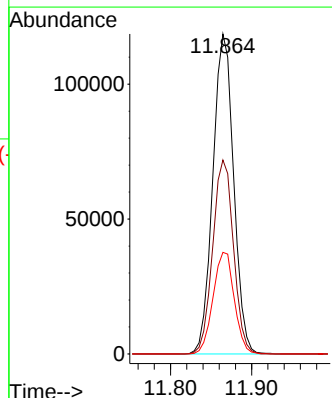
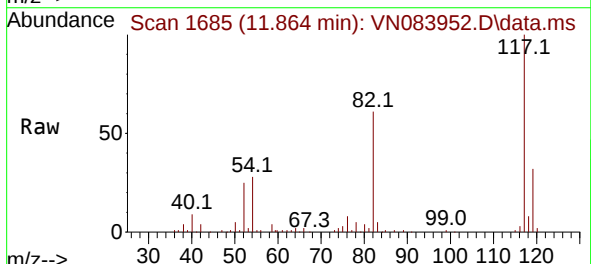
Instrument :
MSVOA_N
ClientSampleId :
AST-2024-4036-PRIM

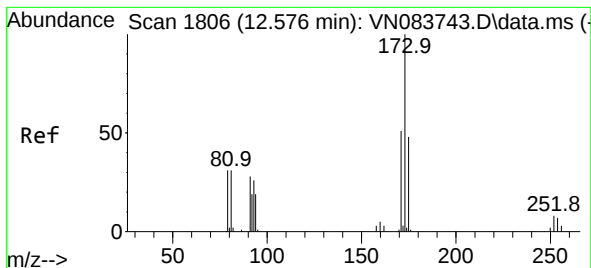
Tgt Ion: 95 Resp: 107114
Ion Ratio Lower Upper
95 100
174 72.2 0.0 139.8
176 69.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083952.D
Acq: 17 Sep 2024 17:53

Tgt Ion: 117 Resp: 211240
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.0
119 31.8 26.3 39.5





#71

Bromoform

Concen: 0.329 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.270 min

Lab File: VN083952.D

Acq: 17 Sep 2024 17:53

Instrument :

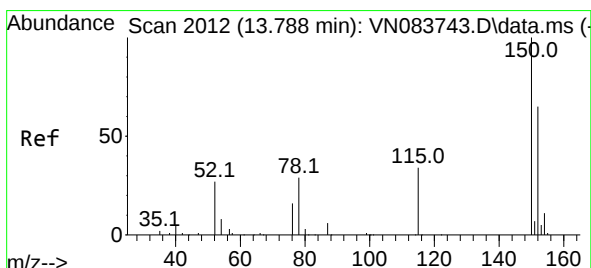
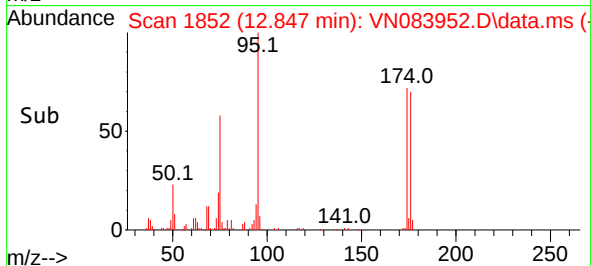
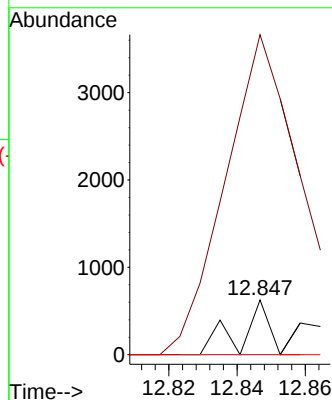
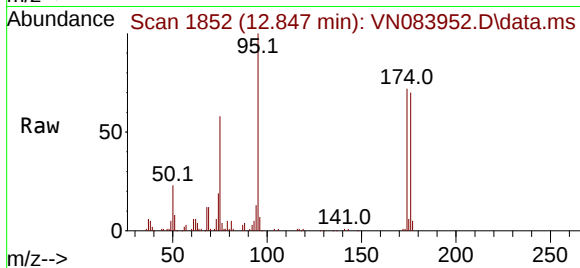
MSVOA_N

ClientSampleId :

AST-2024-4036-PRIM

Tgt Ion:173 Resp: 361

Ion	Ratio	Lower	Upper
173	100		
175	1182.3	24.1	72.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

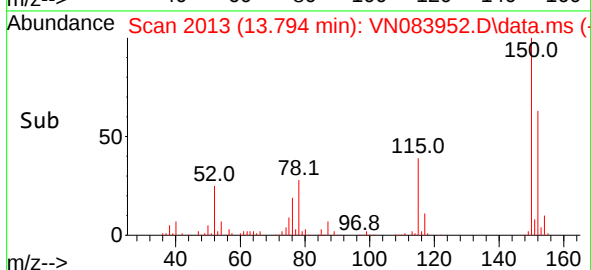
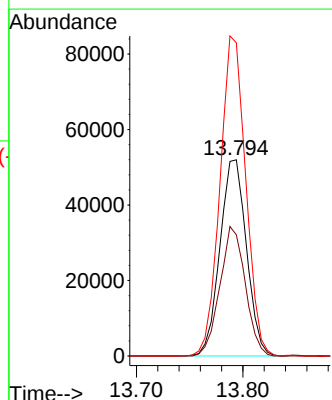
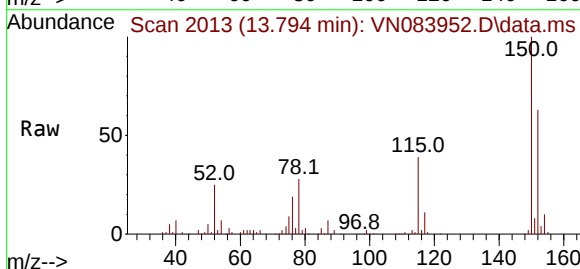
Delta R.T. 0.006 min

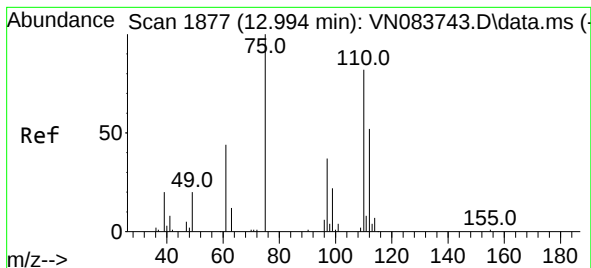
Lab File: VN083952.D

Acq: 17 Sep 2024 17:53

Tgt Ion:152 Resp: 89979

Ion	Ratio	Lower	Upper
152	100		
115	63.0	32.2	96.6
150	157.8	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 34.360 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083952.D

Acq: 17 Sep 2024 17:53

Instrument :

MSVOA_N

ClientSampleId :

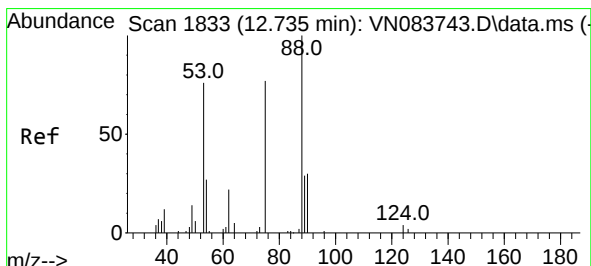
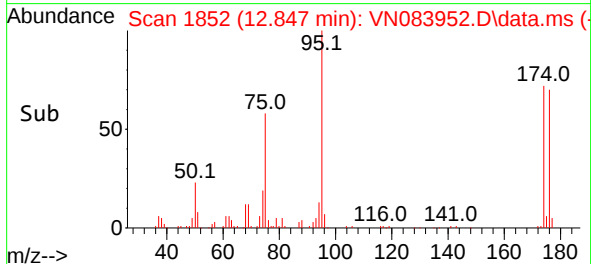
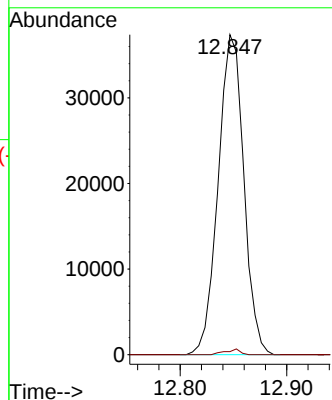
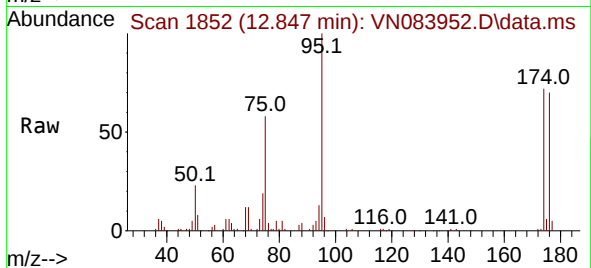
AST-2024-4036-PRIM

Tgt Ion: 75 Resp: 62384

Ion Ratio Lower Upper

75 100

77 1.0 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.991 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083952.D

Acq: 17 Sep 2024 17:53

Tgt Ion: 75 Resp: 62384

Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

89 0.0 35.7 53.5#

