

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
 Data File : VN082776.D
 Acq On : 01 Jul 2024 19:30
 Operator : JC\MD
 Sample : P3134-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 02 00:13:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

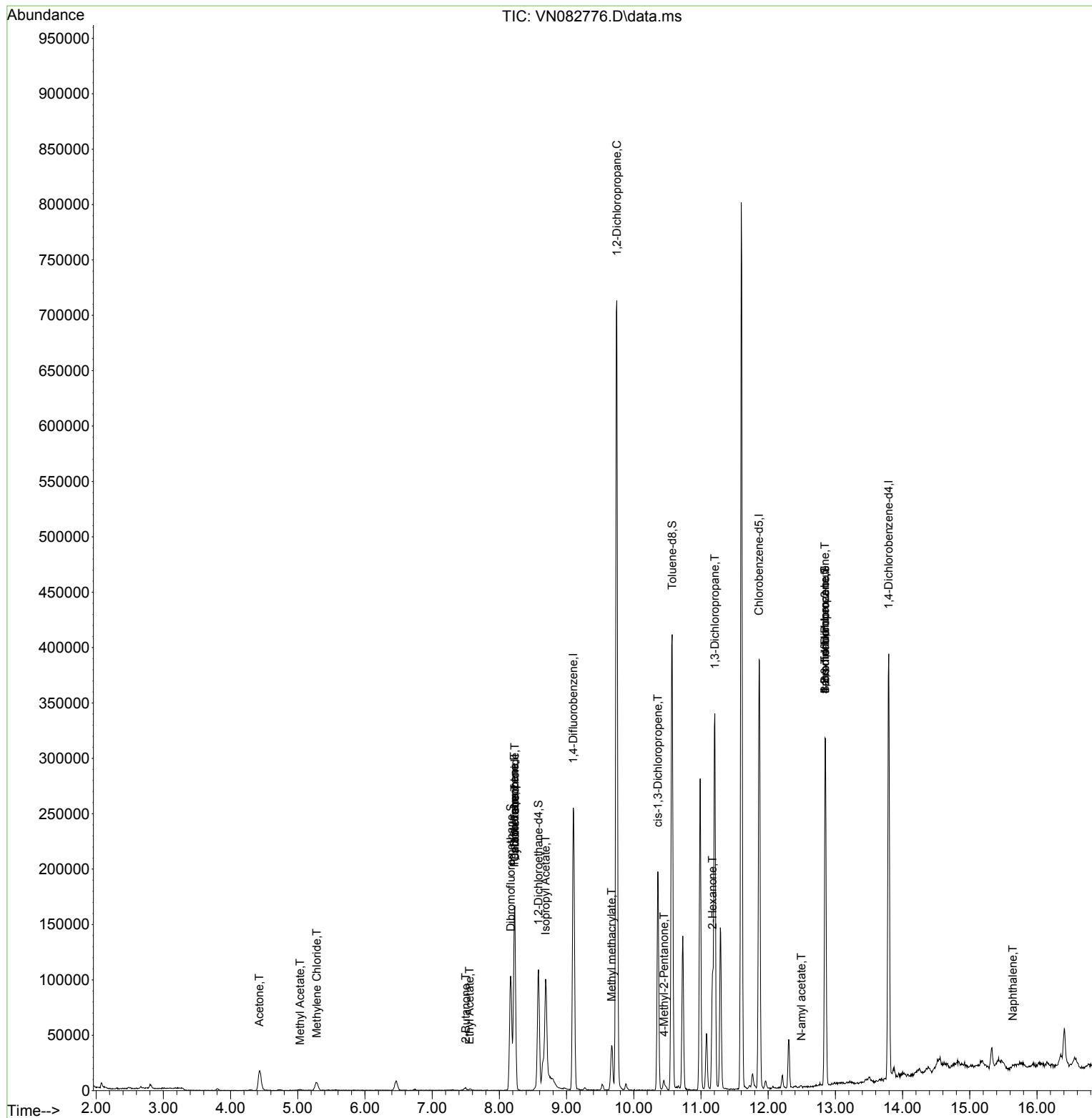
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	117344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	221398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	221284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	89086	49.229	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.460%
35) Dibromofluoromethane	8.171	113	74458	51.080	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.160%
50) Toluene-d8	10.571	98	283499	52.005	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.020%
62) 4-Bromofluorobenzene	12.847	95	106855	57.078	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	114.160%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	35844	52.280	ug/l #	89
18) Methyl Acetate	5.036	43	1683	0.923	ug/l #	66
20) Methylene Chloride	5.283	84	6269	3.613	ug/l #	76
25) 2-Butanone	7.500	43	4249	4.056	ug/l	95
31) Cyclohexane	8.229	56	2728	1.070	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	10079	4.811	ug/l #	51
37) Ethyl Acetate	7.559	43	2403	1.061	ug/l #	80
38) Carbon Tetrachloride	8.229	117	12150	4.958	ug/l #	18
43) Isopropyl Acetate	8.688	43	140075	35.624	ug/l #	86
45) 1,2-Dichloropropane	9.747	63	901	0.541	ug/l #	44
48) Methyl methacrylate	9.671	41	2404	1.379	ug/l #	54
51) 4-Methyl-2-Pentanone	10.453	43	9203	3.973	ug/l #	82
54) cis-1,3-Dichloropropene	10.359	75	35408	14.362	ug/l #	55
57) 1,3-Dichloropropane	11.206	76	3474	1.263	ug/l #	43
59) 2-Hexanone	11.170	43	79886	46.516	ug/l #	28
71) Bromoform	12.847	173	576	0.427	ug/l #	1
74) N-amyl acetate	12.494	43	1089	0.333	ug/l #	50
76) 1,2,3-Trichloropropane	12.847	75	58631	26.786	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	58631	69.855	ug/l #	6
95) Naphthalene	15.641	128	1653	0.308	ug/l #	78

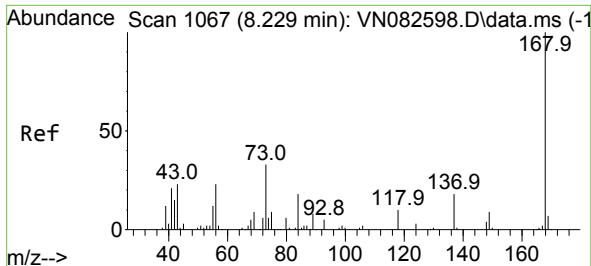
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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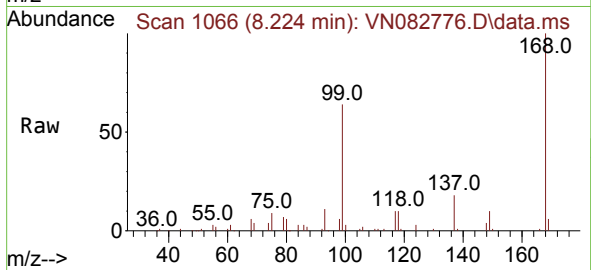
Quant Time: Jul 02 00:13:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
Response via : Initial Calibration



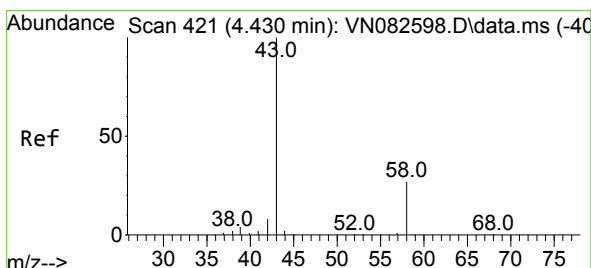
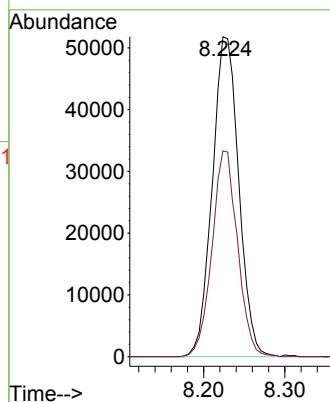
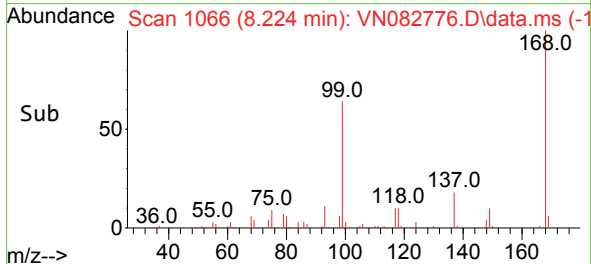


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082776.D
Acq: 01 Jul 2024 19:30

Instrument :
MSVOA_N
ClientSampleId :

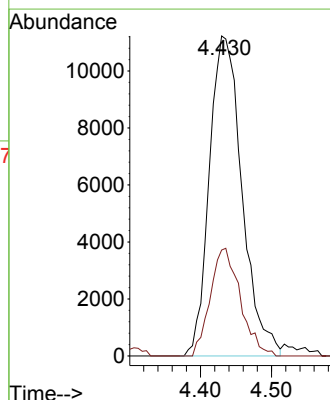
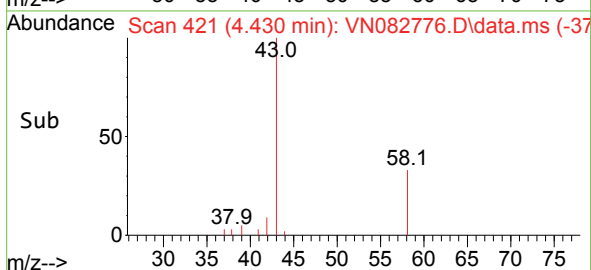
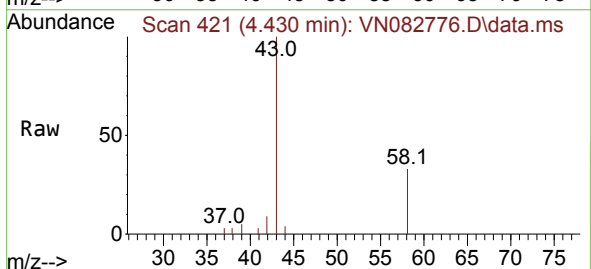


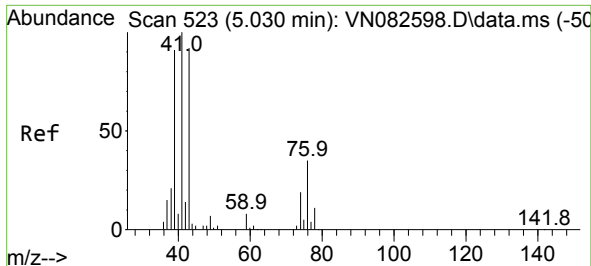
Tgt Ion:168 Resp: 117344
Ion Ratio Lower Upper
168 100
99 64.3 48.2 72.4



#16
Acetone
Concen: 52.280 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082776.D
Acq: 01 Jul 2024 19:30

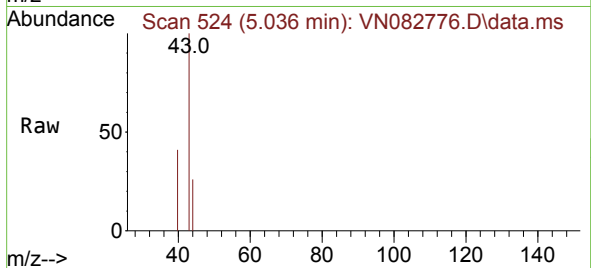
Tgt Ion: 43 Resp: 35844
Ion Ratio Lower Upper
43 100
58 33.1 21.8 32.6#



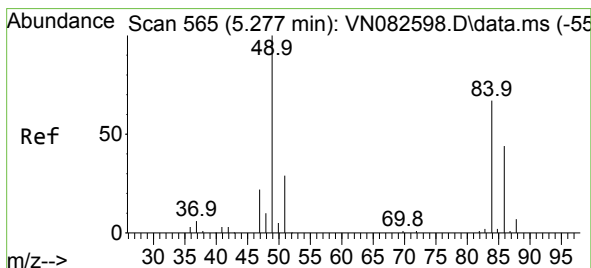
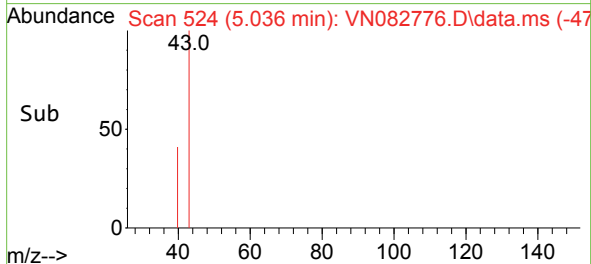
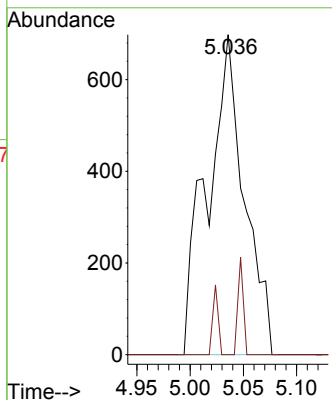


#18
Methyl Acetate
Concen: 0.923 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082776.D
Acq: 01 Jul 2024 19:30

Instrument :
MSVOA_N
ClientSampleId :

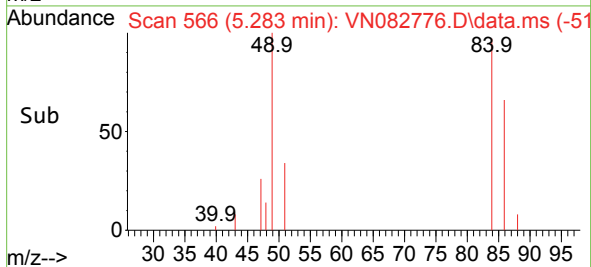
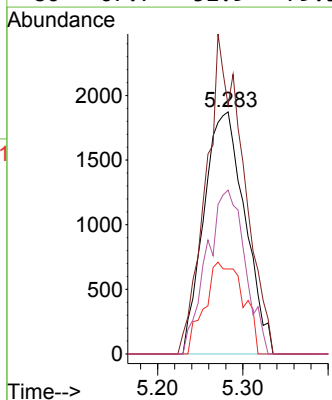
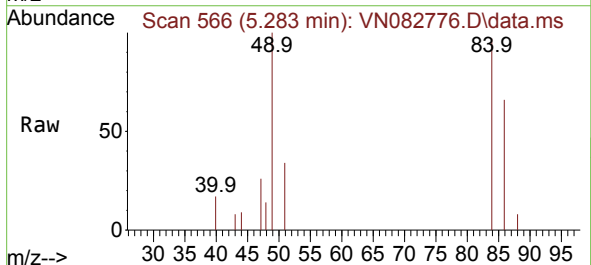


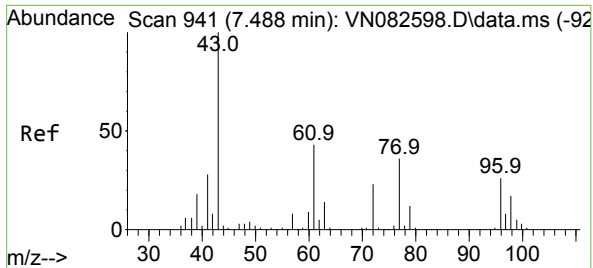
Tgt Ion: 43 Resp: 1683
Ion Ratio Lower Upper
43 100
74 4.5 16.3 24.5#



#20
Methylene Chloride
Concen: 3.613 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082776.D
Acq: 01 Jul 2024 19:30

Tgt Ion: 84 Resp: 6269
Ion Ratio Lower Upper
84 100
49 102.7 119.6 179.4#
51 35.1 34.8 52.2
86 67.7 52.9 79.3

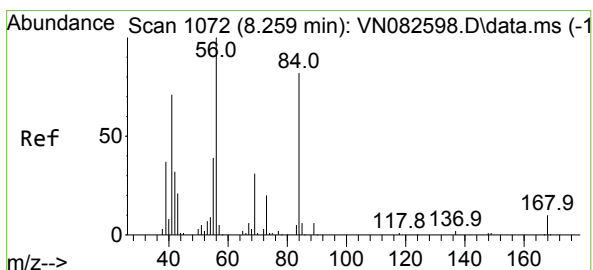
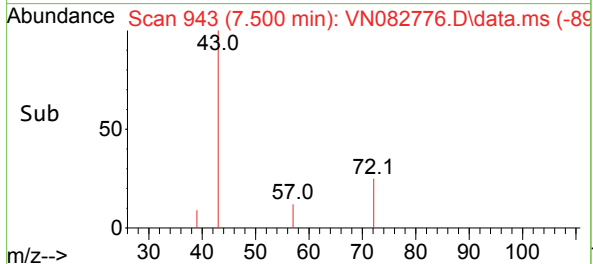
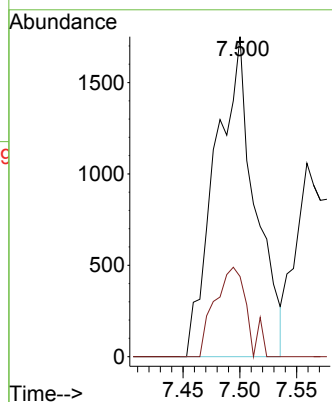
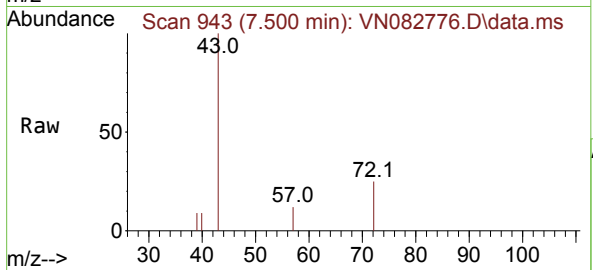




#25
2-Butanone
Concen: 4.056 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN082776.D
Acq: 01 Jul 2024 19:30

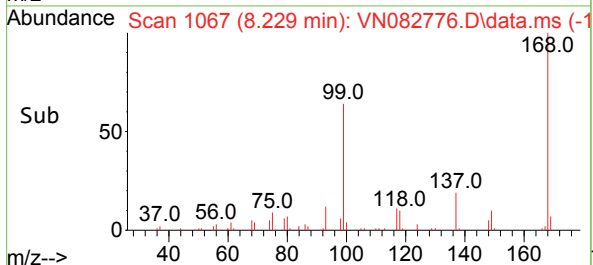
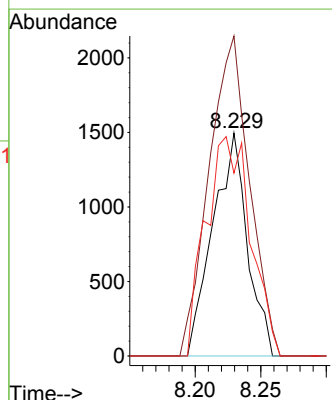
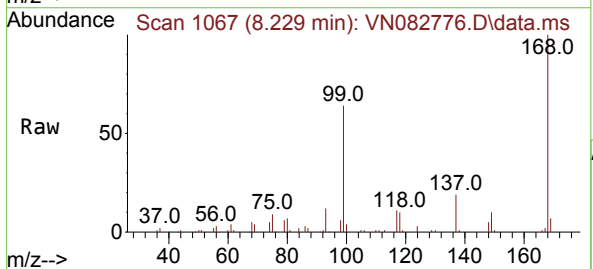
Instrument :
MSVOA_N
ClientSampleId :

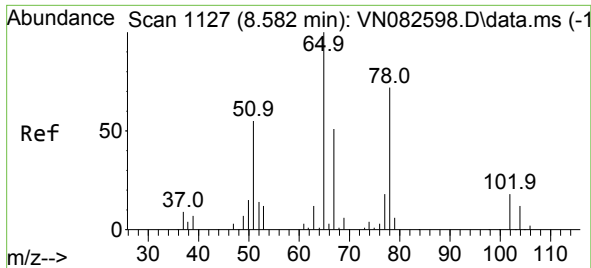
Tgt Ion: 43 Resp: 4249
Ion Ratio Lower Upper
43 100
72 25.0 18.2 27.2



#31
Cyclohexane
Concen: 1.070 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN082776.D
Acq: 01 Jul 2024 19:30

Tgt Ion: 56 Resp: 2728
Ion Ratio Lower Upper
56 100
69 143.5 24.5 36.7#
84 82.0 66.0 99.0





#33

1,2-Dichloroethane-d4

Concen: 49.229 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082776.D

Acq: 01 Jul 2024 19:30

Instrument :

MSVOA_N

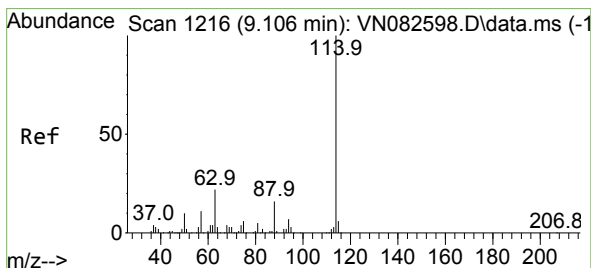
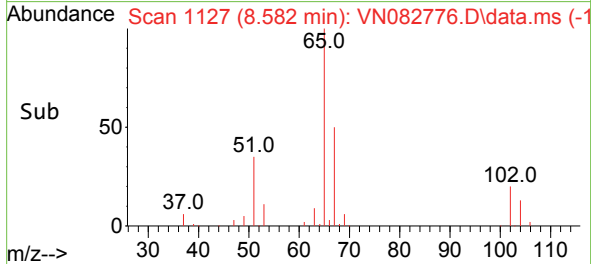
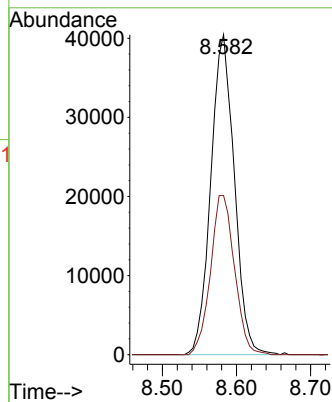
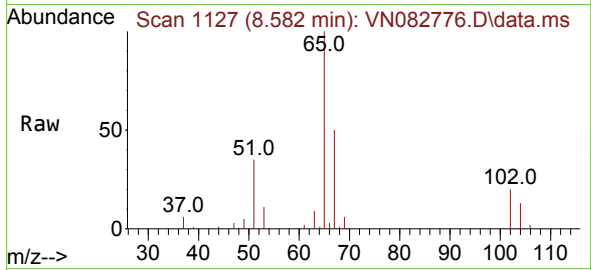
ClientSampleId :

Tgt Ion: 65 Resp: 89086

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN082776.D

Acq: 01 Jul 2024 19:30

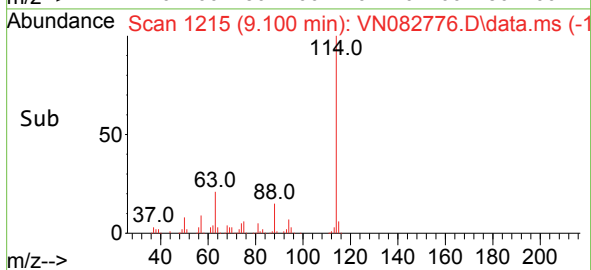
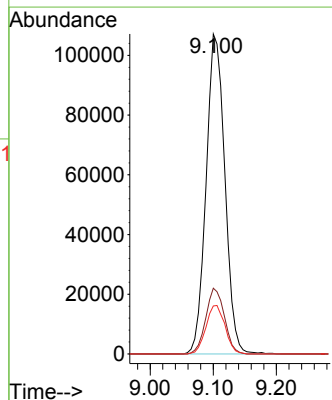
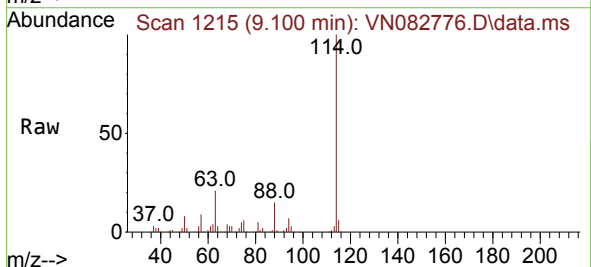
Tgt Ion: 114 Resp: 221398

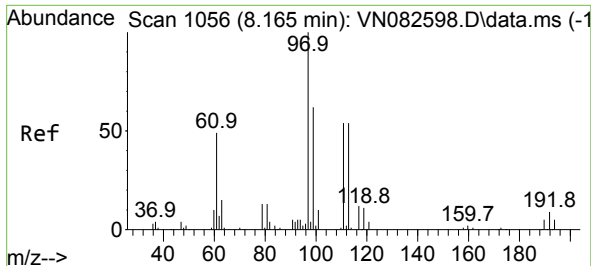
Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.6

88 15.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.080 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

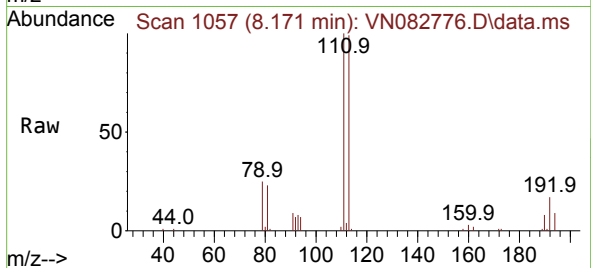
Lab File: VN082776.D

Acq: 01 Jul 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :



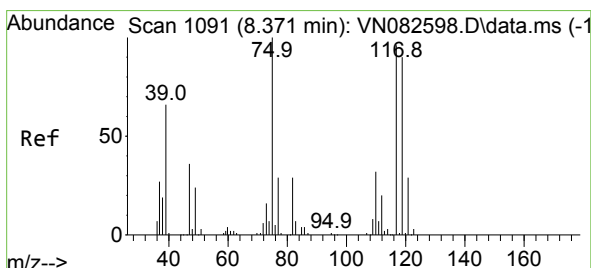
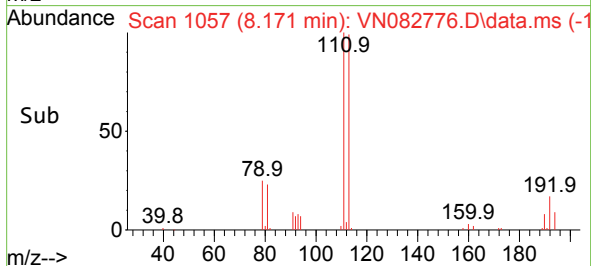
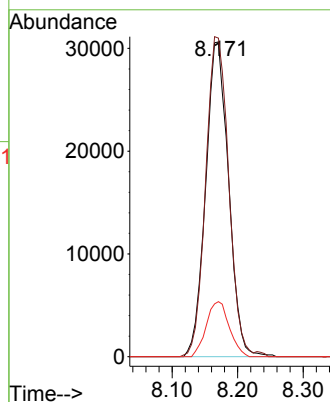
Tgt Ion:113 Resp: 74458

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

192 17.5 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.811 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082776.D

Acq: 01 Jul 2024 19:30

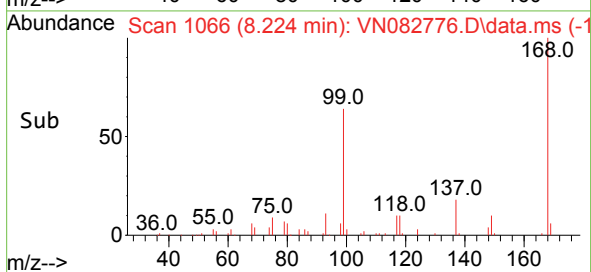
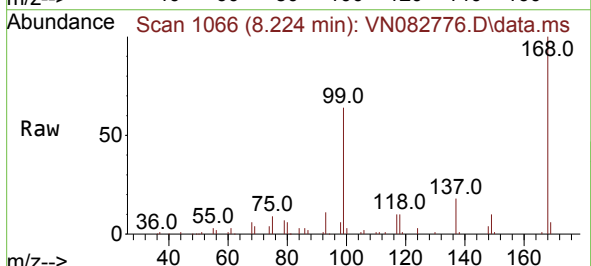
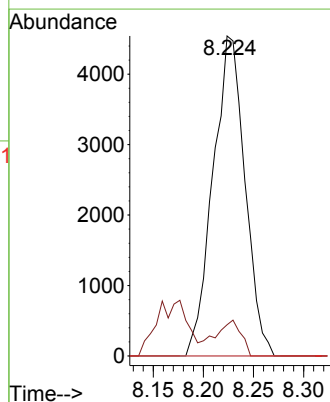
Tgt Ion: 75 Resp: 10079

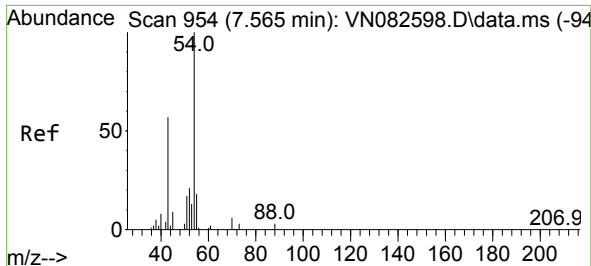
Ion Ratio Lower Upper

75 100

110 8.6 16.3 48.9#

77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 1.061 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

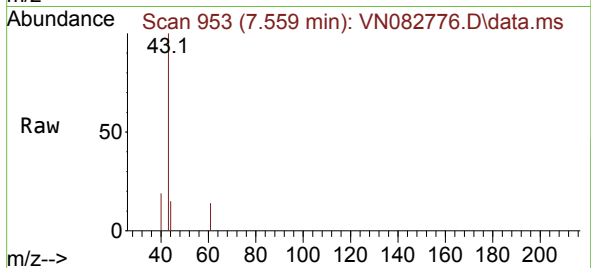
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Acq: 01 Jul 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :



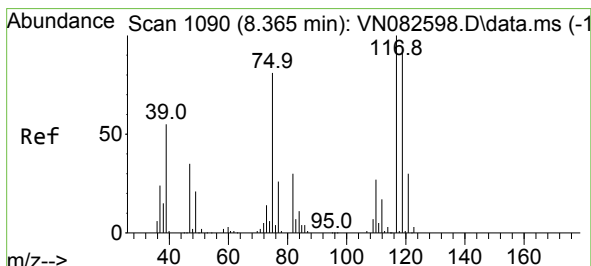
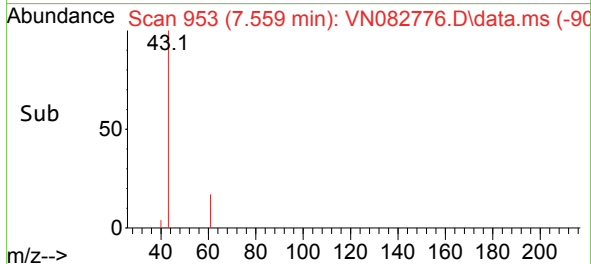
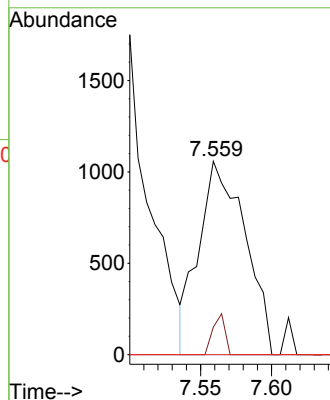
Tgt Ion: 43 Resp: 2403

Ion Ratio Lower Upper

43 100

61 5.5 9.3 13.9#

70 0.0 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 4.958 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.136 min

Lab File: VN082776.D

Acq: 01 Jul 2024 19:30

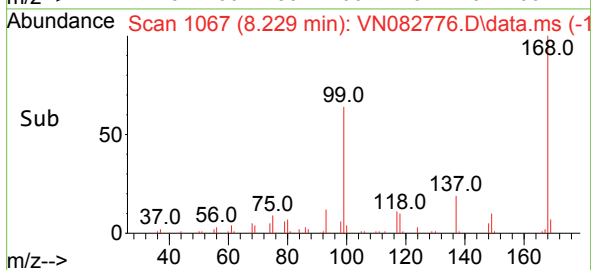
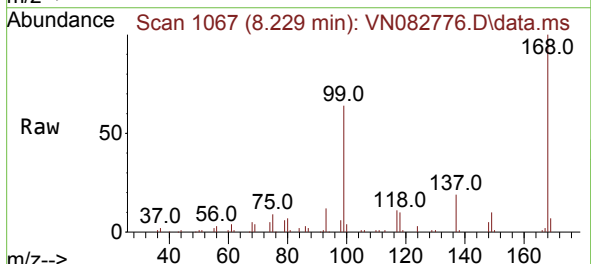
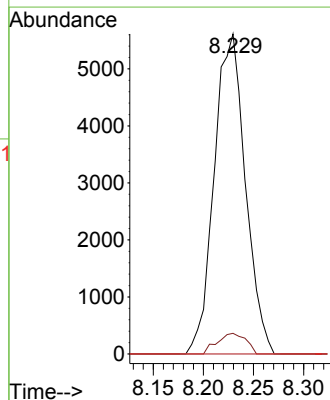
Tgt Ion: 117 Resp: 12150

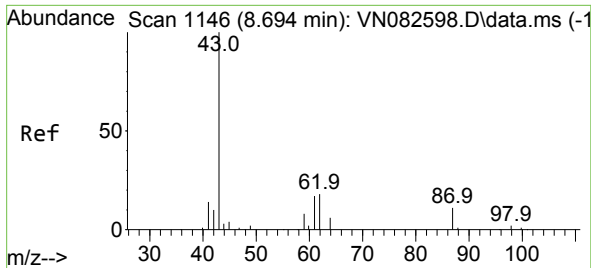
Ion Ratio Lower Upper

117 100

119 6.4 74.9 112.3#

121 0.0 24.3 36.5#

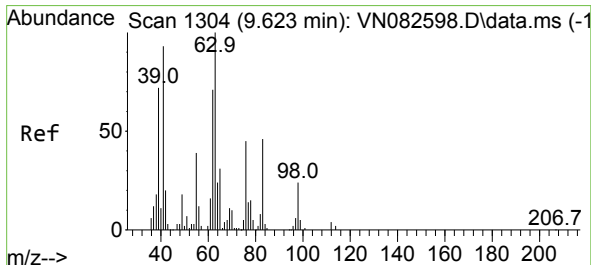
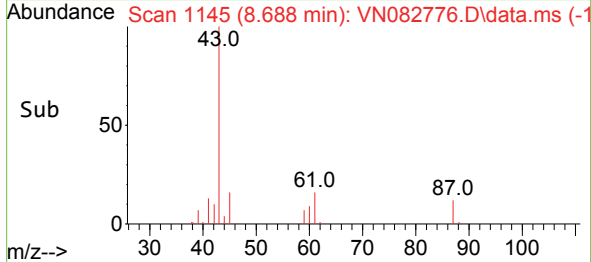
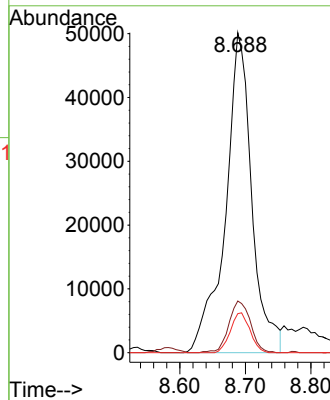
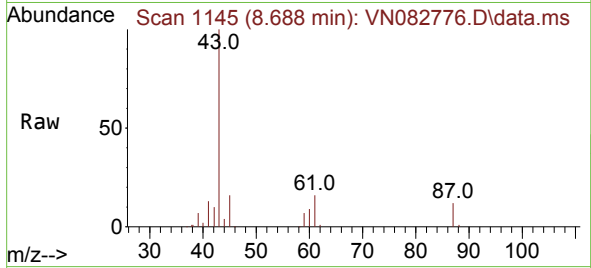




#43
Isopropyl Acetate
Concen: 35.624 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082776.D
Acq: 01 Jul 2024 19:30

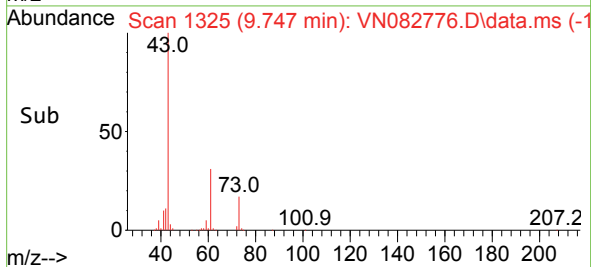
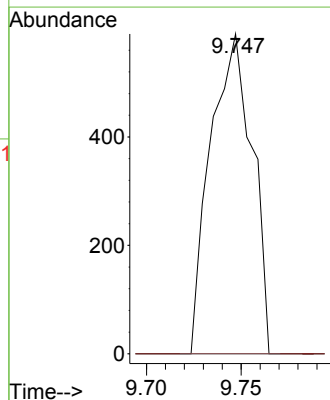
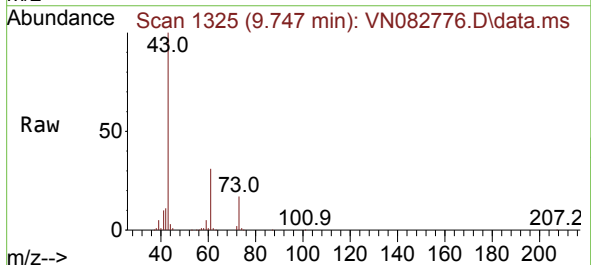
Instrument :
MSVOA_N
ClientSampleId :

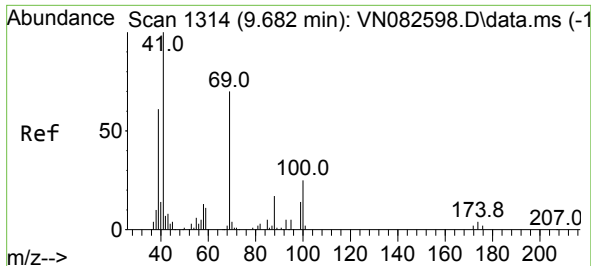
Tgt Ion: 43 Resp: 140075
Ion Ratio Lower Upper
43 100
61 13.3 17.8 26.6#
87 9.2 8.2 12.2



#45
1,2-Dichloropropane
Concen: 0.541 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.124 min
Lab File: VN082776.D
Acq: 01 Jul 2024 19:30

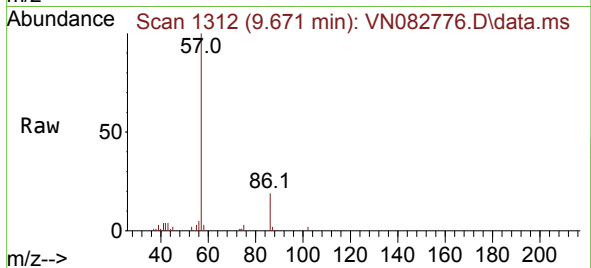
Tgt Ion: 63 Resp: 901
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#



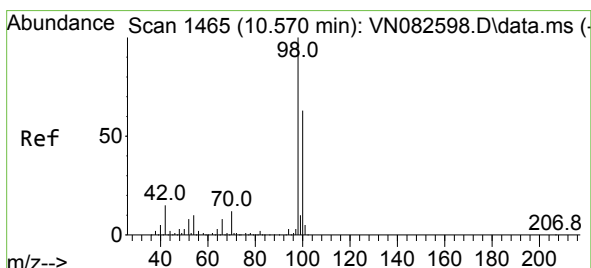
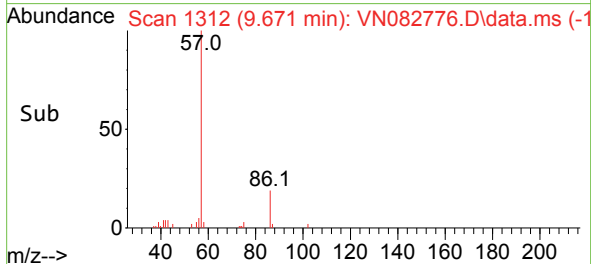
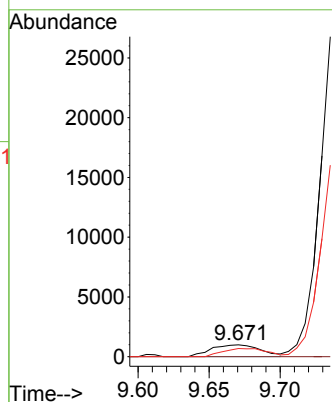


#48
Methyl methacrylate
Concen: 1.379 ug/l
RT: 9.671 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN082776.D
Acq: 01 Jul 2024 19:30

Instrument :
MSVOA_N
ClientSampleId :

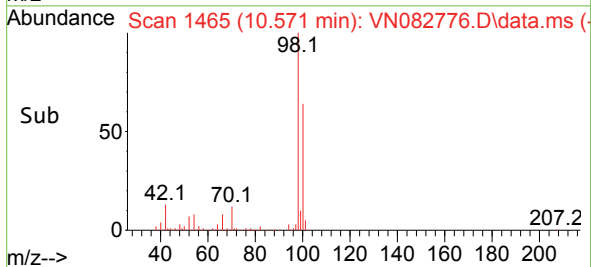
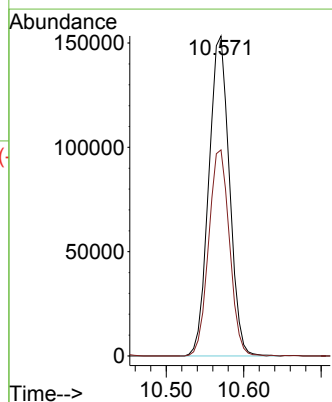
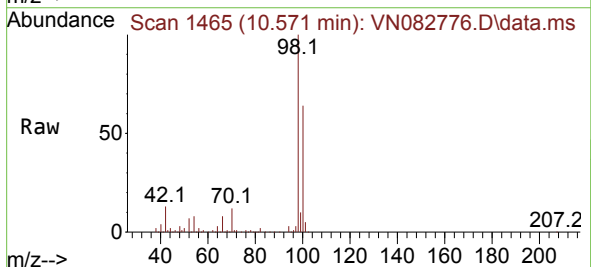


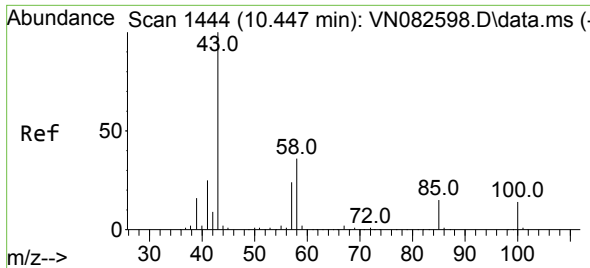
Tgt Ion: 41 Resp: 2404
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 61.3 50.3 75.5



#50
Toluene-d8
Concen: 52.005 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082776.D
Acq: 01 Jul 2024 19:30

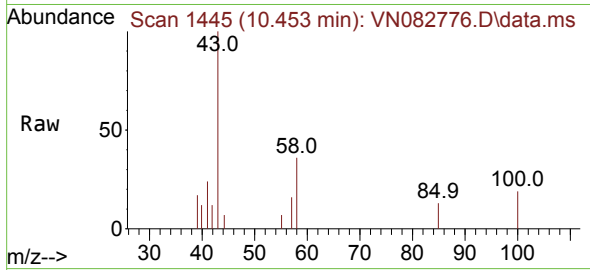
Tgt Ion: 98 Resp: 283499
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3



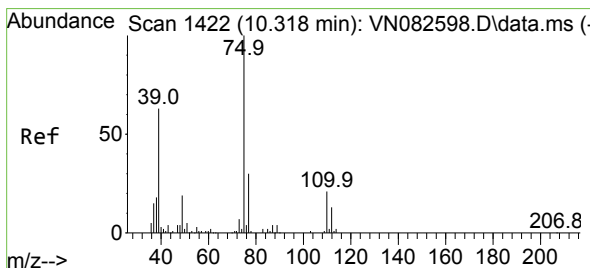
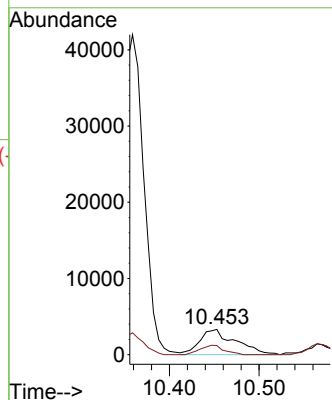
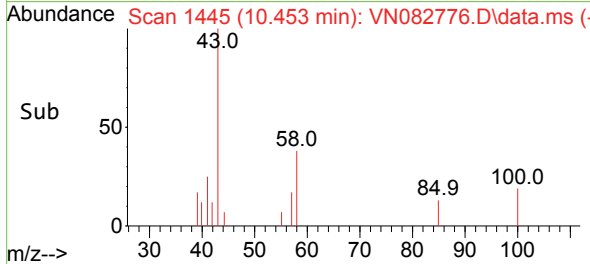


#51
4-Methyl-2-Pentanone
Concen: 3.973 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN082776.D
Acq: 01 Jul 2024 19:30

Instrument :
MSVOA_N
ClientSampleId :

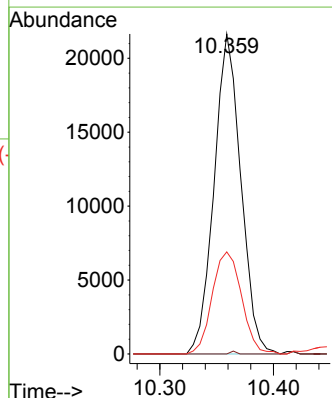
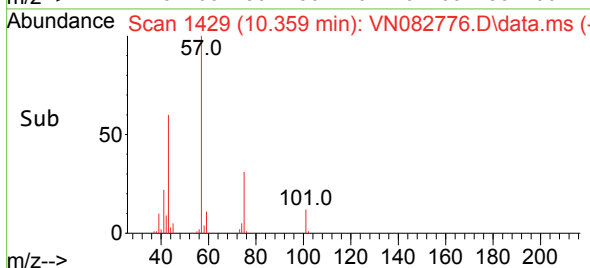
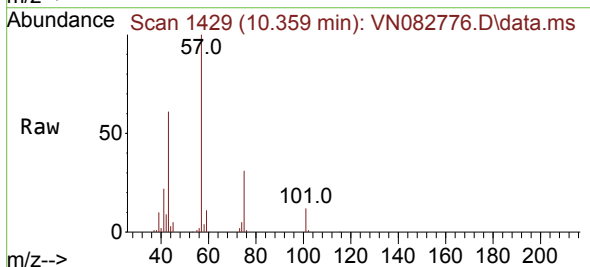


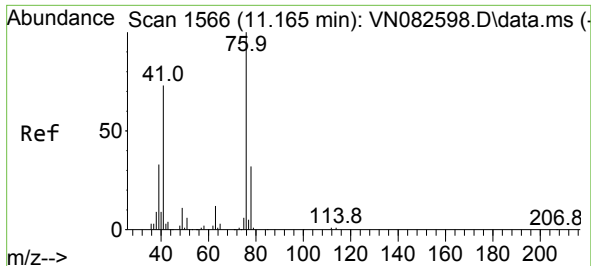
Tgt Ion: 43 Resp: 9203
Ion Ratio Lower Upper
43 100
58 24.8 28.2 42.4#



#54
cis-1,3-Dichloropropene
Concen: 14.362 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN082776.D
Acq: 01 Jul 2024 19:30

Tgt Ion: 75 Resp: 35408
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 31.9 50.5 75.7#





#57

1,3-Dichloropropane

Concen: 1.263 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.041 min

Lab File: VN082776.D

Acq: 01 Jul 2024 19:30

Instrument :

MSVOA_N

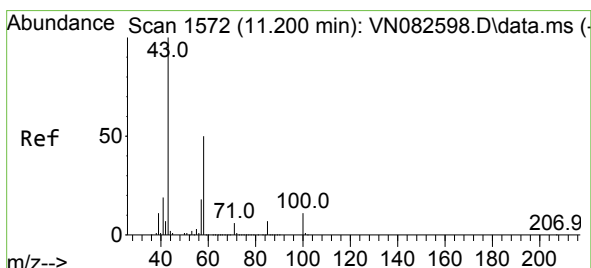
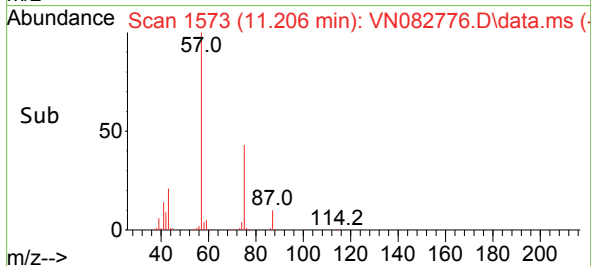
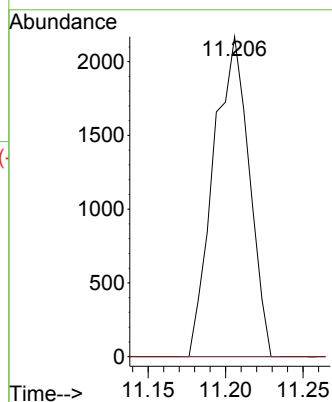
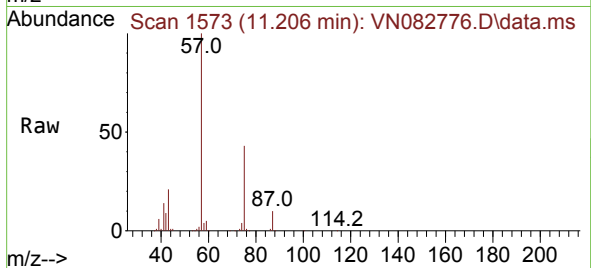
ClientSampleId :

Tgt Ion: 76 Resp: 3474

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 46.516 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.030 min

Lab File: VN082776.D

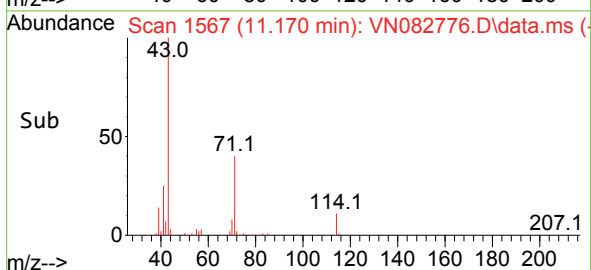
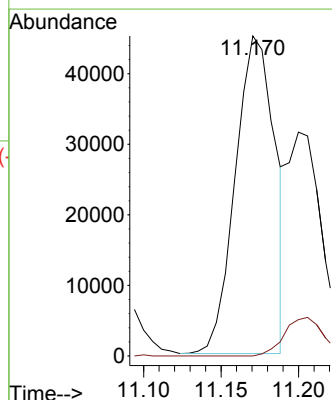
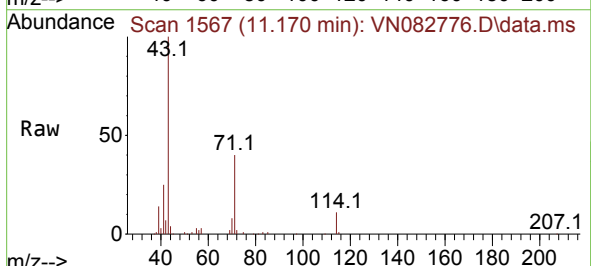
Acq: 01 Jul 2024 19:30

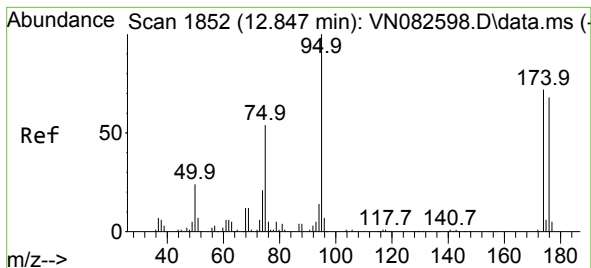
Tgt Ion: 43 Resp: 79886

Ion Ratio Lower Upper

43 100

58 0.0 24.6 73.8#

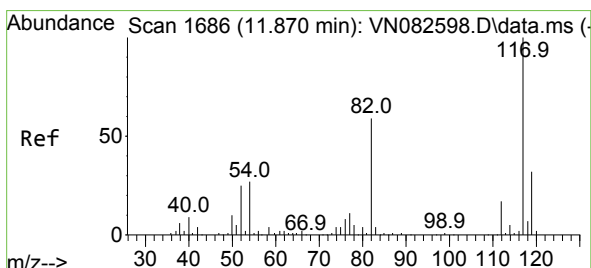
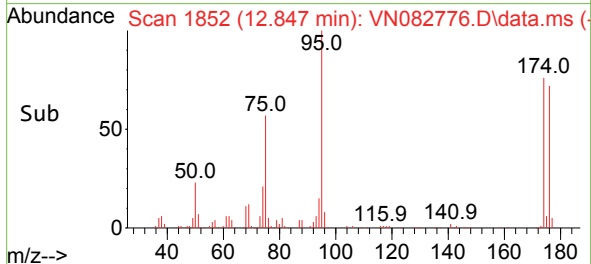
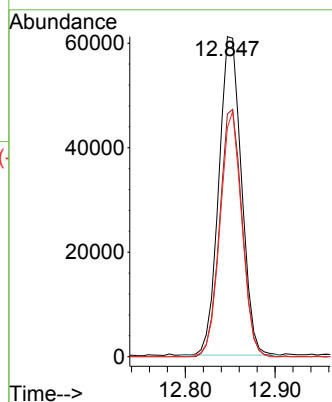
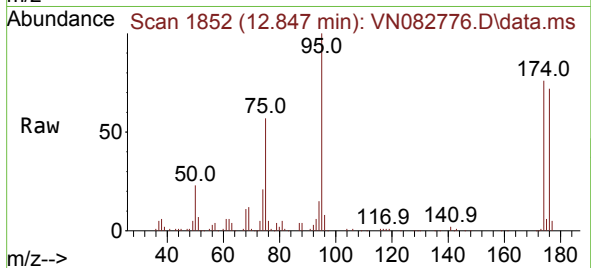




#62
4-Bromofluorobenzene
Concen: 57.078 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082776.D
Acq: 01 Jul 2024 19:30

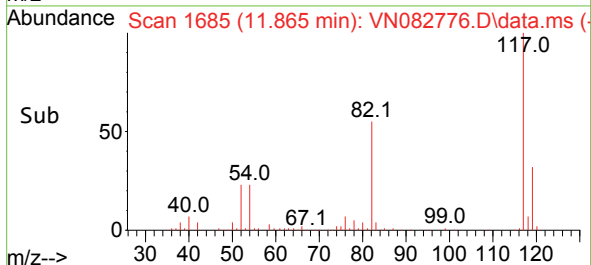
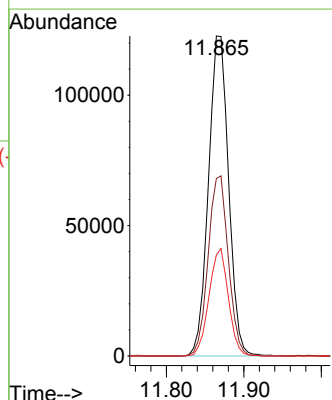
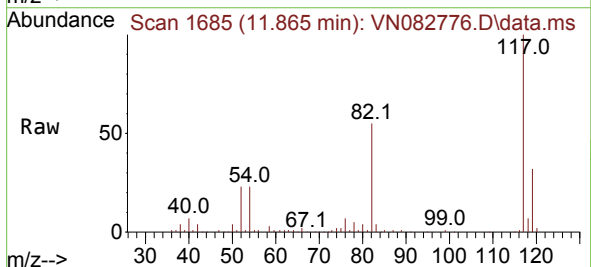
Instrument :
MSVOA_N
ClientSampleId :

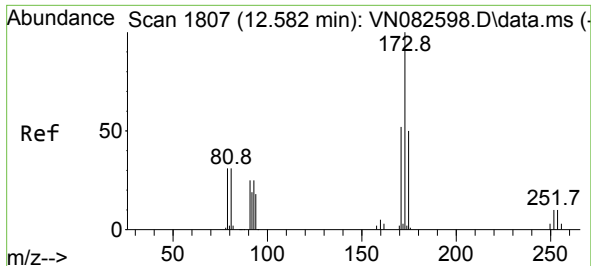
Tgt Ion: 95 Resp: 106855
Ion Ratio Lower Upper
95 100
174 76.8 0.0 159.2
176 73.7 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082776.D
Acq: 01 Jul 2024 19:30

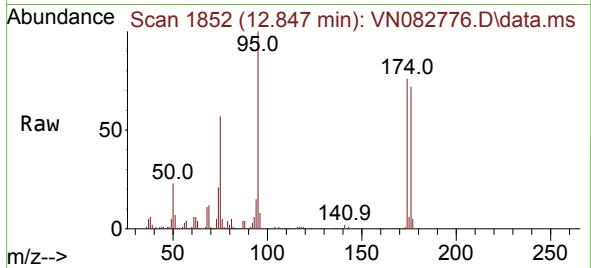
Tgt Ion: 117 Resp: 221284
Ion Ratio Lower Upper
117 100
82 55.5 47.5 71.3
119 31.6 25.6 38.4



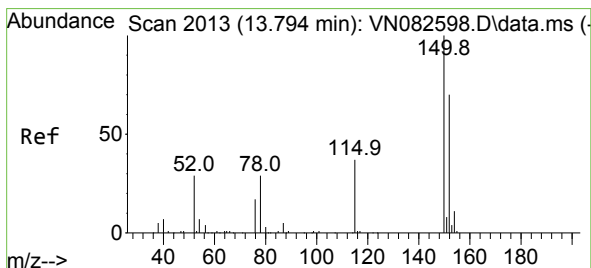
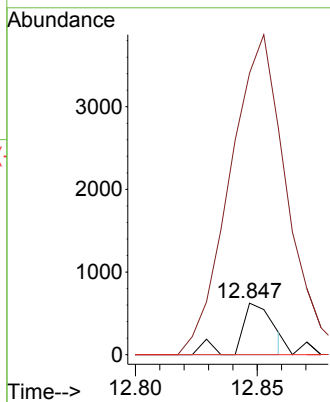
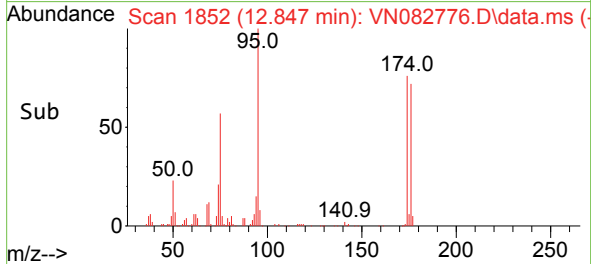


#71
Bromoform
Concen: 0.427 ug/l
RT: 12.847 min Scan# 1807
Delta R.T. 0.265 min
Lab File: VN082776.D
Acq: 01 Jul 2024 19:30

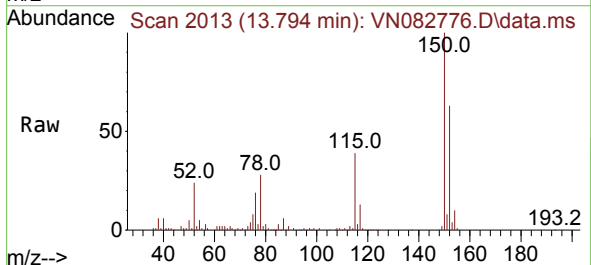
Instrument :
MSVOA_N
ClientSampleId :



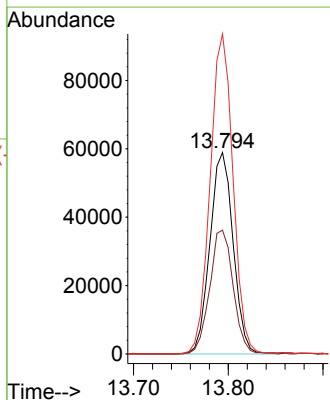
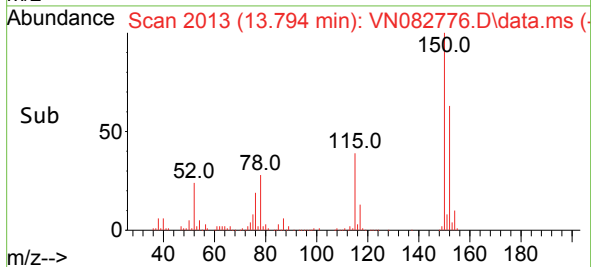
Tgt Ion:173 Resp: 576
Ion Ratio Lower Upper
173 100
175 919.1 24.0 72.0#
254 0.0 0.0 0.0

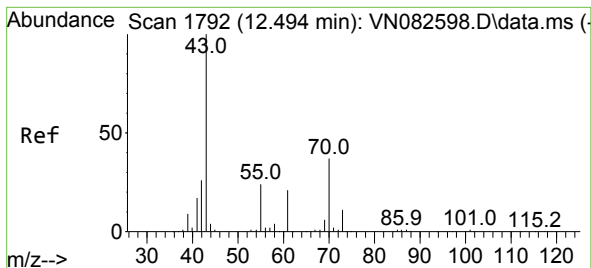


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082776.D
Acq: 01 Jul 2024 19:30



Tgt Ion:152 Resp: 100351
Ion Ratio Lower Upper
152 100
115 62.7 30.6 91.6
150 156.2 0.0 348.6





#74

N-amy1 acetate

Concen: 0.333 ug/l

RT: 12.494 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082776.D

Acq: 01 Jul 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43 Resp: 1089

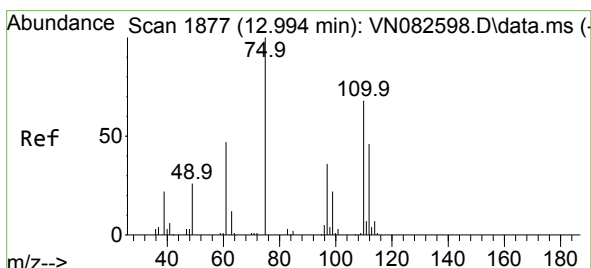
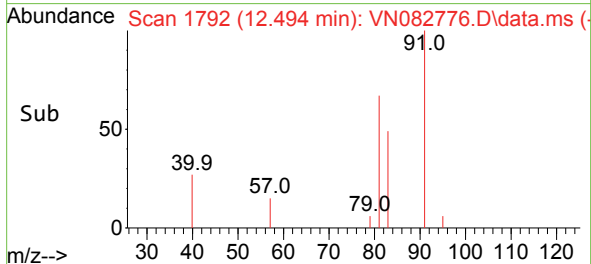
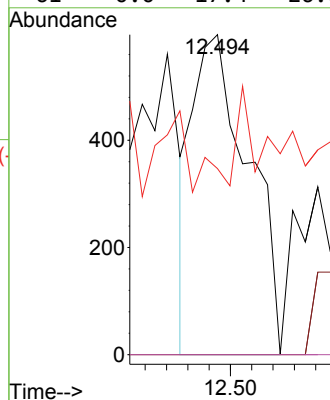
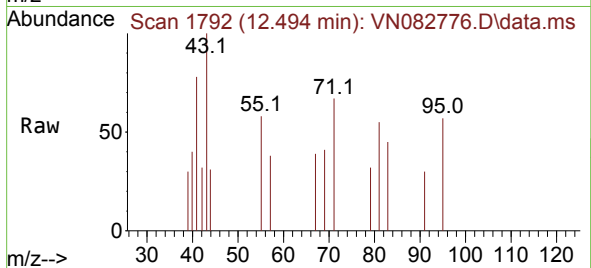
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.6#

55 6.6 18.7 28.1#

61 0.0 17.4 26.0#



#76

1,2,3-Trichloropropane

Concen: 26.786 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082776.D

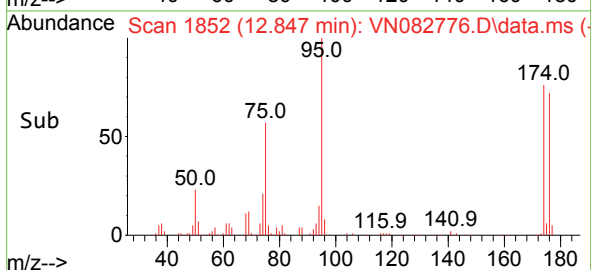
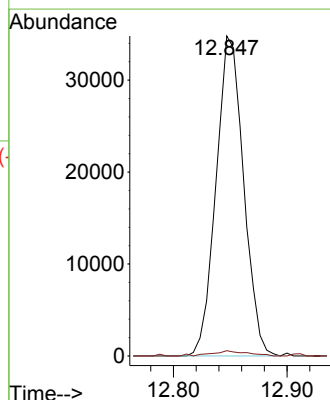
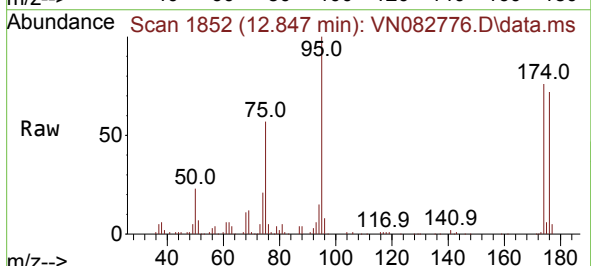
Acq: 01 Jul 2024 19:30

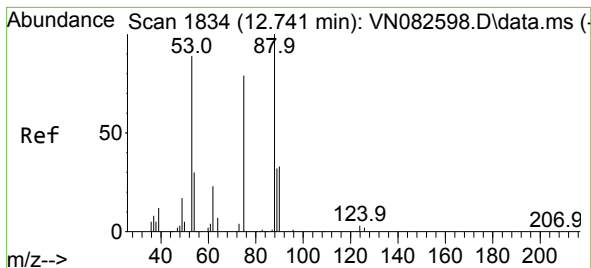
Tgt Ion: 75 Resp: 58631

Ion Ratio Lower Upper

75 100

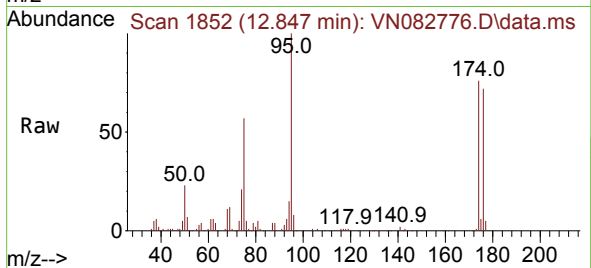
77 2.0 110.9 332.6#



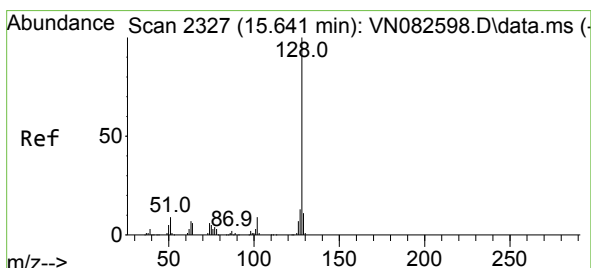
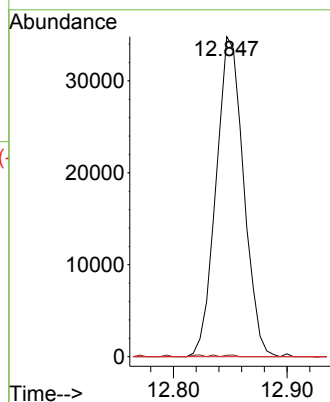
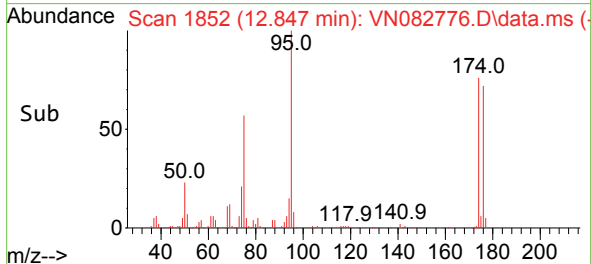


#81
trans-1,4-Dichloro-2-butene
Concen: 69.855 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN082776.D
Acq: 01 Jul 2024 19:30

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 58631
Ion Ratio Lower Upper
75 100
53 0.2 88.4 132.6#
89 0.0 36.3 54.5#



#95
Naphthalene
Concen: 0.308 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082776.D
Acq: 01 Jul 2024 19:30

Tgt Ion: 128 Resp: 1653
Ion Ratio Lower Upper
128 100
127 7.7 10.6 16.0#
129 22.6 8.6 12.8#

