

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082501.D
 Acq On : 07 Jun 2024 18:40
 Operator : JC\MD
 Sample : P2772-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 08 01:02:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

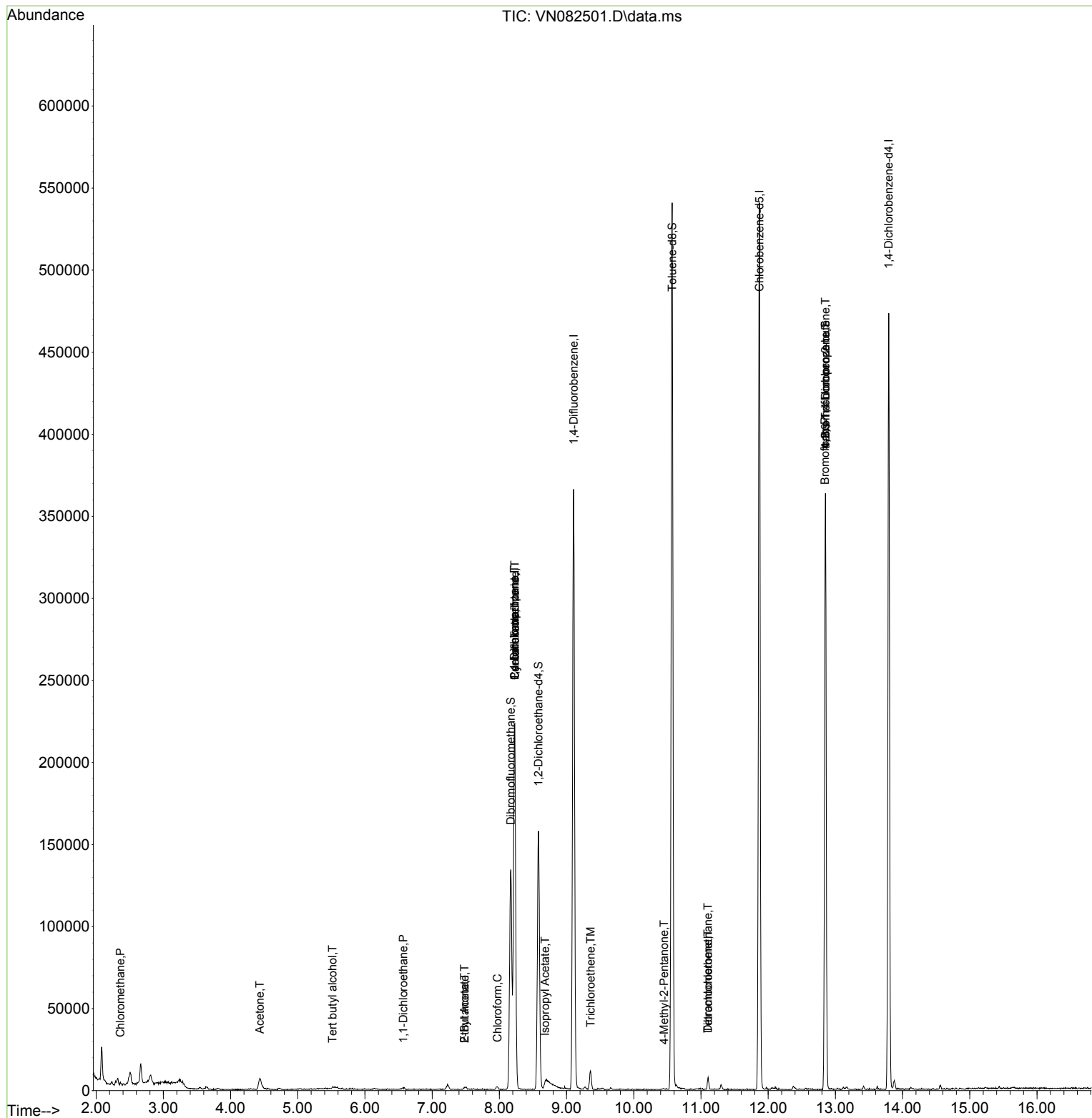
Internal Standards						
1) Pentafluorobenzene	8.229	168	157358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	291483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	280922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	129400	52.078	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.160%	
35) Dibromofluoromethane	8.171	113	95039	53.004	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.000%	
50) Toluene-d8	10.571	98	350334	50.961	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	12.853	95	114290	46.579	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 93.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1166	0.453	ug/l	95
11) Tert butyl alcohol	5.518	59	525	1.316	ug/l #	71
16) Acetone	4.436	43	13983	13.719	ug/l	91
24) 1,1-Dichloroethane	6.571	63	1909	0.482	ug/l #	81
25) 2-Butanone	7.482	43	2905	1.880	ug/l #	72
30) Chloroform	7.971	83	1930	0.510	ug/l	97
31) Cyclohexane	8.229	56	4815	1.213	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	14337	4.767	ug/l #	43
37) Ethyl Acetate	7.482	43	2905	0.863	ug/l #	68
38) Carbon Tetrachloride	8.229	117	16994	5.575	ug/l #	16
43) Isopropyl Acetate	8.682	43	3483	0.584	ug/l #	52
44) Trichloroethene	9.359	130	4335	2.128	ug/l	96
51) 4-Methyl-2-Pentanone	10.453	43	759	0.224	ug/l #	34
60) Dibromochloromethane	11.106	129	1366	0.633	ug/l #	11
64) Tetrachloroethene	11.106	164	1468	0.705	ug/l	85
71) Bromoform	12.847	173	335	0.904	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	66546	27.216	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	66546	63.656	ug/l #	12

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

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Quant Title : SW846 8260
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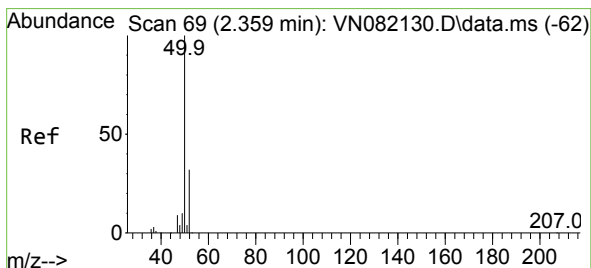
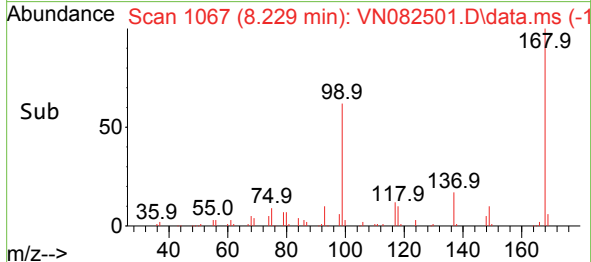
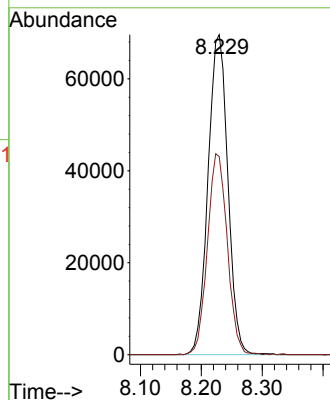
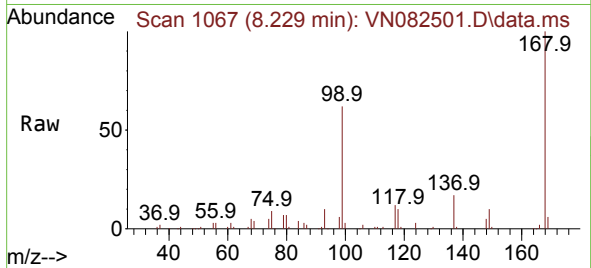




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082501.D
Acq: 07 Jun 2024 18:40

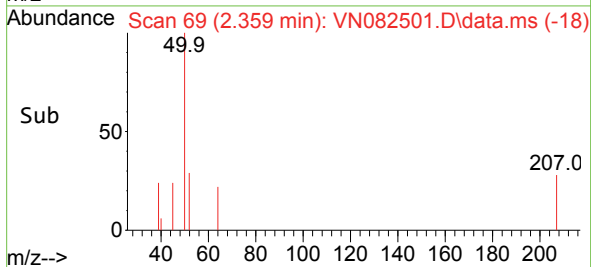
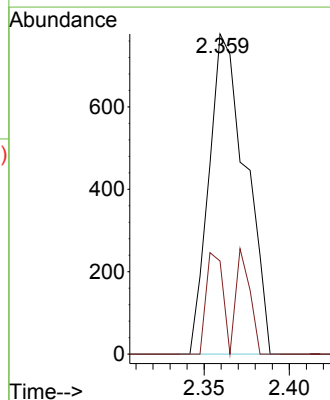
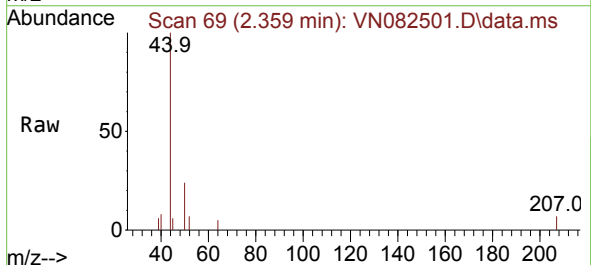
Instrument :
MSVOA_N
ClientSampleId :

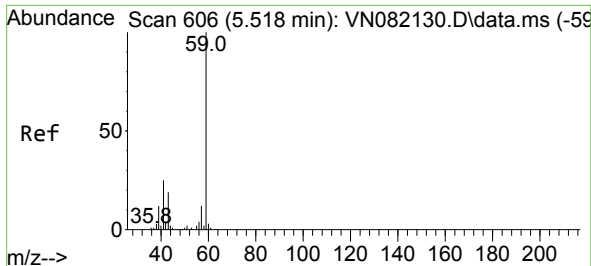
Tgt Ion:168 Resp: 157358
Ion Ratio Lower Upper
168 100
99 61.7 48.2 72.4



#3
Chloromethane
Concen: 0.453 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082501.D
Acq: 07 Jun 2024 18:40

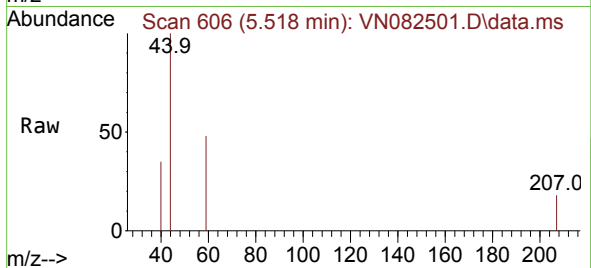
Tgt Ion: 50 Resp: 1166
Ion Ratio Lower Upper
50 100
52 29.1 25.5 38.3



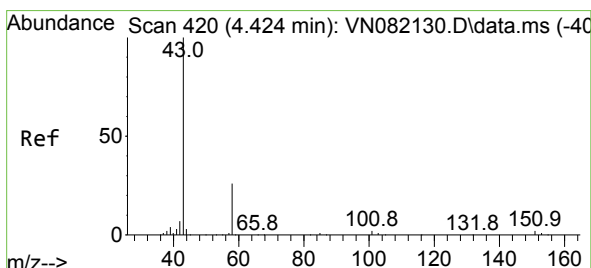
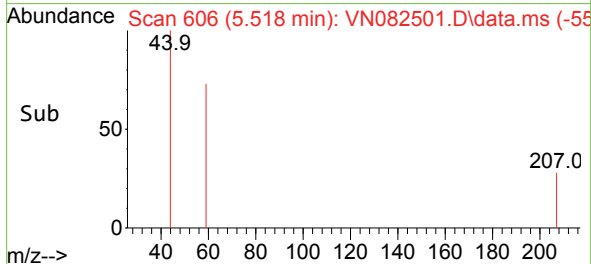
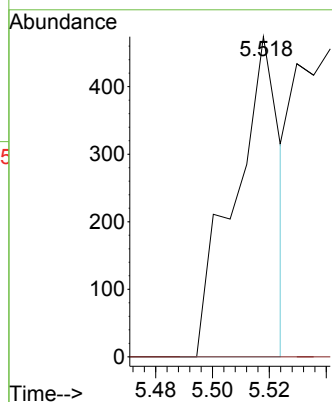


#11
Tert butyl alcohol
Concen: 1.316 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN082501.D
Acq: 07 Jun 2024 18:40

Instrument :
MSVOA_N
ClientSampleId :

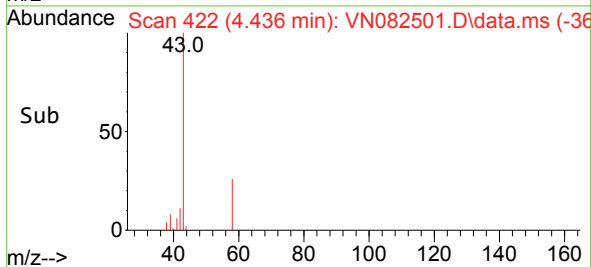
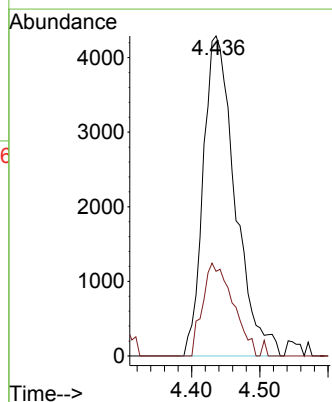
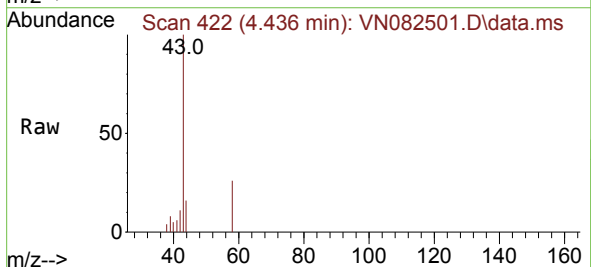


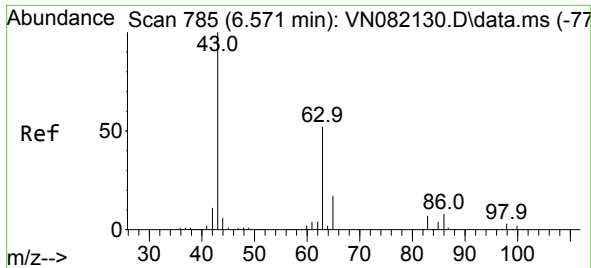
Tgt Ion: 59 Resp: 525
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 13.719 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082501.D
Acq: 07 Jun 2024 18:40

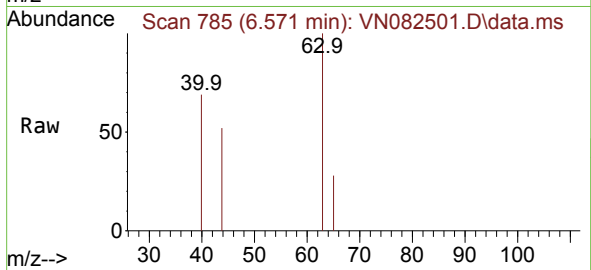
Tgt Ion: 43 Resp: 13983
Ion Ratio Lower Upper
43 100
58 26.5 25.2 37.8



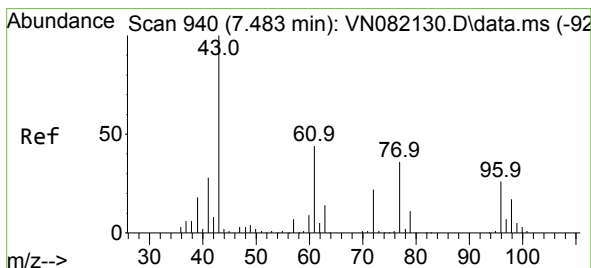
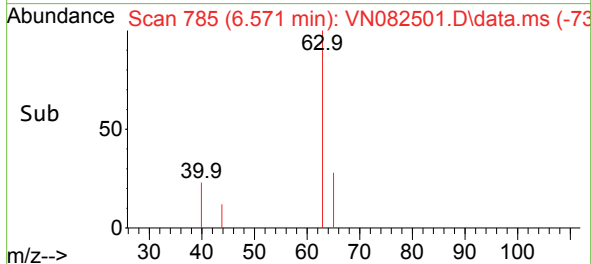
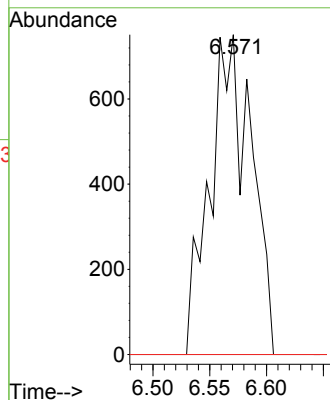


#24
1,1-Dichloroethane
Concen: 0.482 ug/l
RT: 6.571 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN082501.D
Acq: 07 Jun 2024 18:40

Instrument :
MSVOA_N
ClientSampleId :

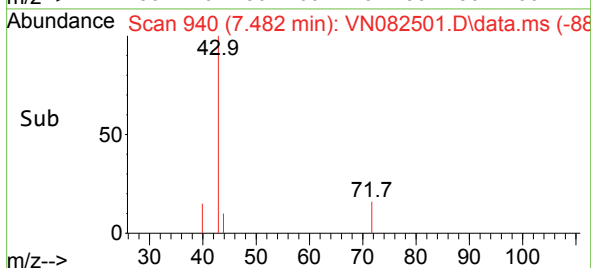
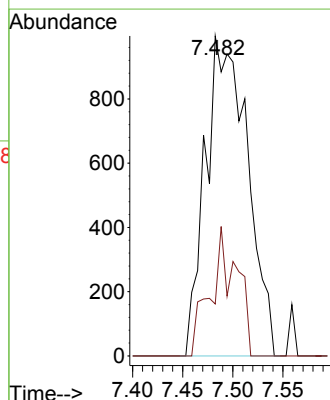
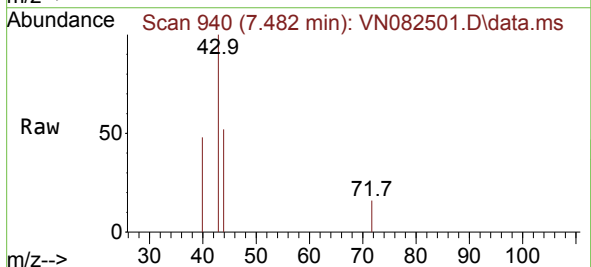


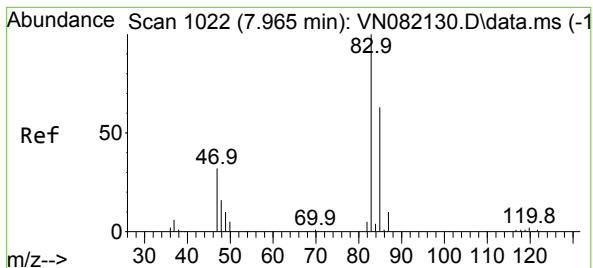
Tgt Ion: 63 Resp: 1909
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.9#
100 0.0 2.6 7.8#



#25
2-Butanone
Concen: 1.880 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082501.D
Acq: 07 Jun 2024 18:40

Tgt Ion: 43 Resp: 2905
Ion Ratio Lower Upper
43 100
72 16.3 25.3 37.9#





#30

Chloroform

Concen: 0.510 ug/l

RT: 7.971 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN082501.D

Acq: 07 Jun 2024 18:40

Instrument :

MSVOA_N

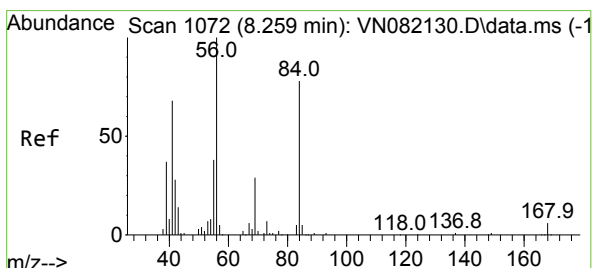
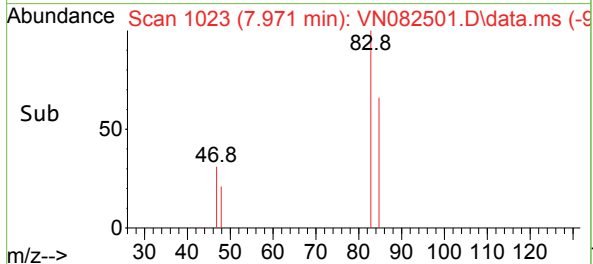
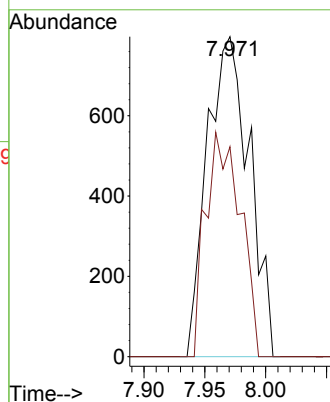
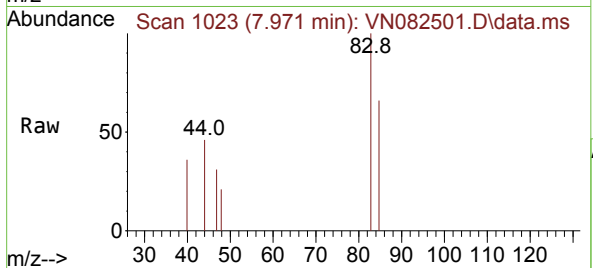
ClientSampleId :

Tgt Ion: 83 Resp: 1930

Ion Ratio Lower Upper

83 100

85 65.6 50.7 76.1



#31

Cyclohexane

Concen: 1.213 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.030 min

Lab File: VN082501.D

Acq: 07 Jun 2024 18:40

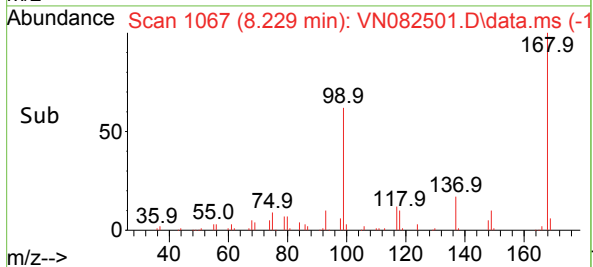
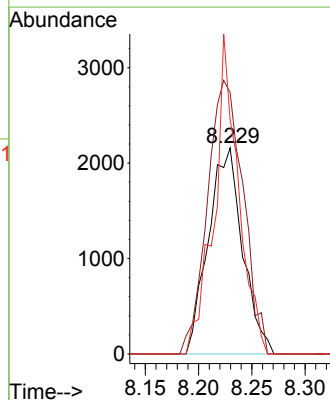
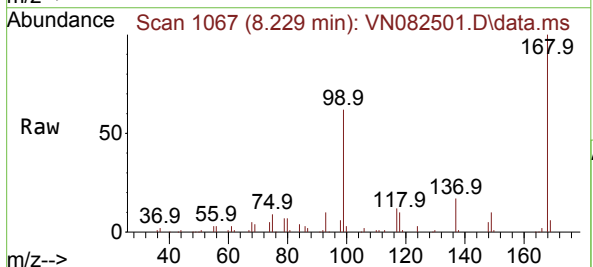
Tgt Ion: 56 Resp: 4815

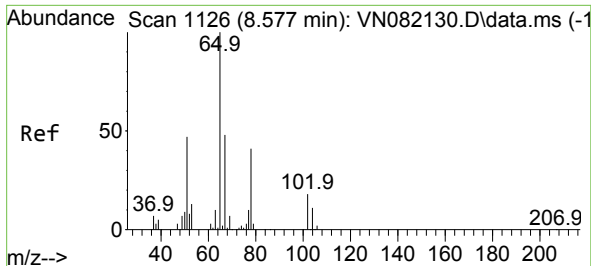
Ion Ratio Lower Upper

56 100

69 126.9 24.4 36.6#

84 113.6 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 52.078 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082501.D

Acq: 07 Jun 2024 18:40

Instrument :

MSVOA_N

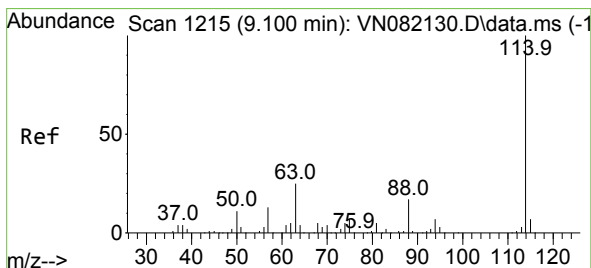
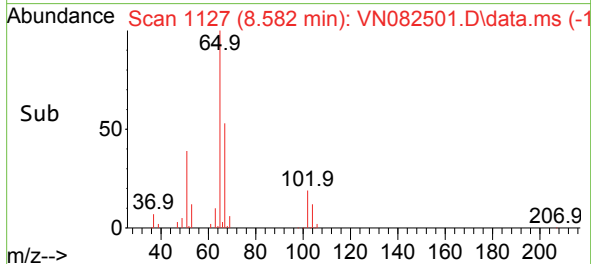
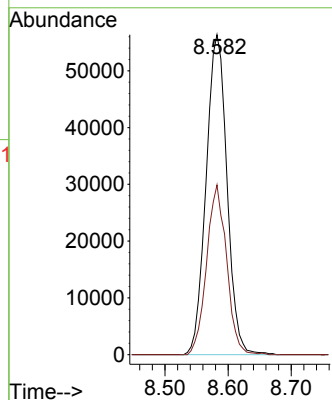
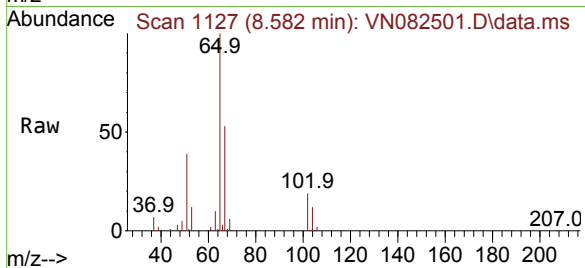
ClientSampleId :

Tgt Ion: 65 Resp: 129400

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082501.D

Acq: 07 Jun 2024 18:40

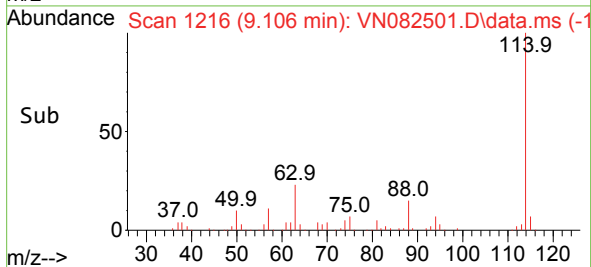
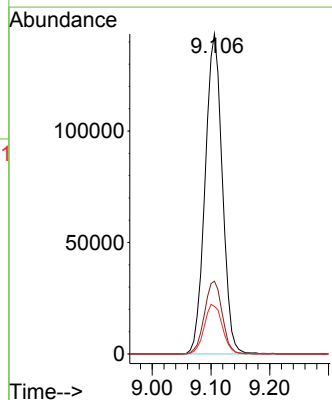
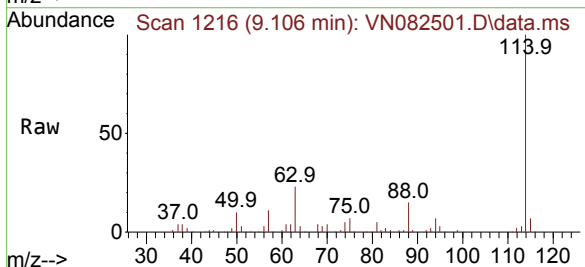
Tgt Ion: 114 Resp: 291483

Ion Ratio Lower Upper

114 100

63 22.7 0.0 41.0

88 14.8 0.0 31.4

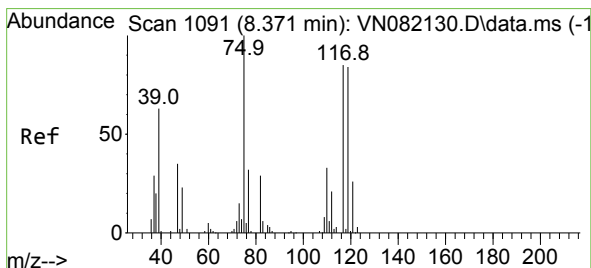
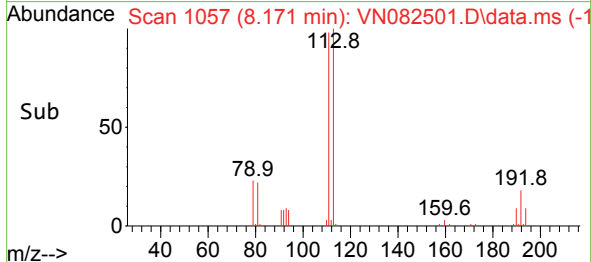
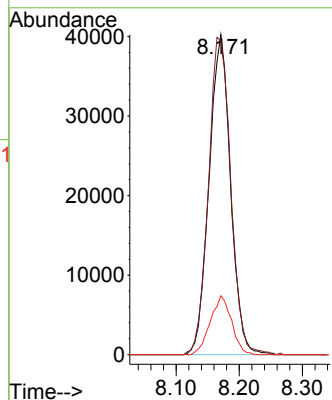
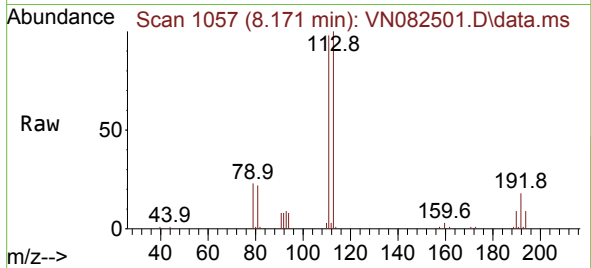




#35
Dibromofluoromethane
Concen: 53.004 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082501.D
Acq: 07 Jun 2024 18:40

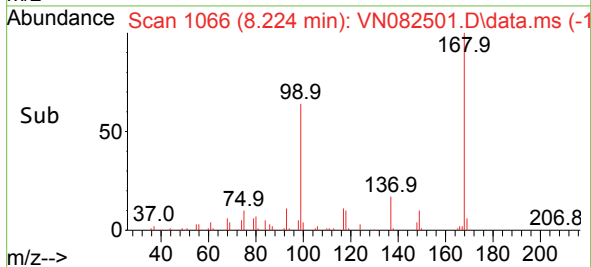
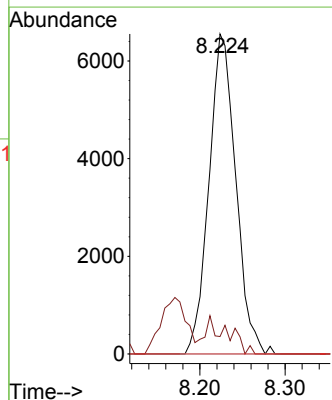
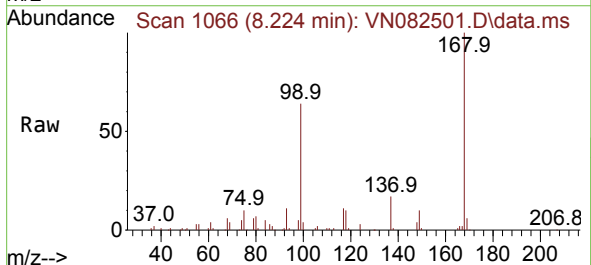
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 95039
Ion Ratio Lower Upper
113 100
111 102.8 83.4 125.2
192 18.2 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.767 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082501.D
Acq: 07 Jun 2024 18:40

Tgt Ion: 75 Resp: 14337
Ion Ratio Lower Upper
75 100
110 1.7 17.8 53.5#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.863 ug/l

RT: 7.482 min Scan# 94

Delta R.T. -0.077 min

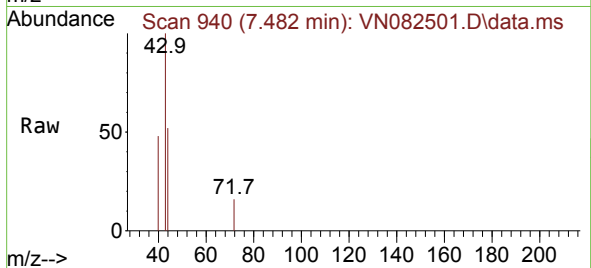
Lab File: VN082501.D

Acq: 07 Jun 2024 18:40

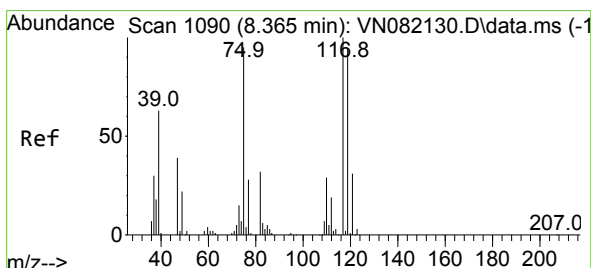
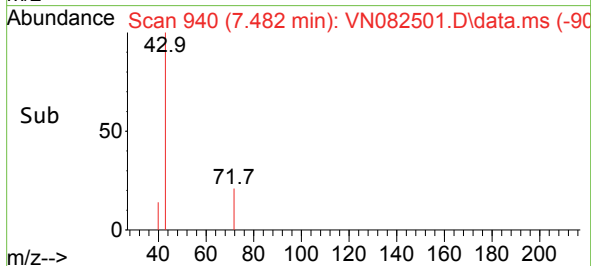
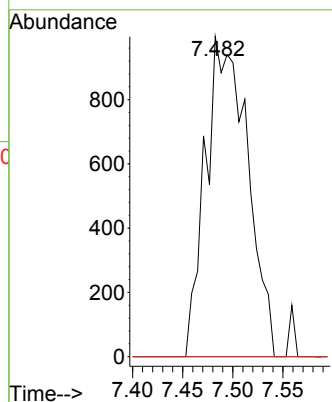
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	2905
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.3	16.9#
70	0.0	8.7	13.1#



#38

Carbon Tetrachloride

Concen: 5.575 ug/l

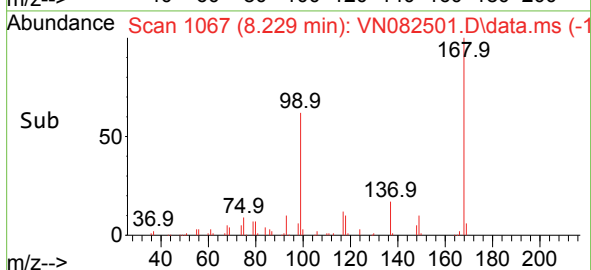
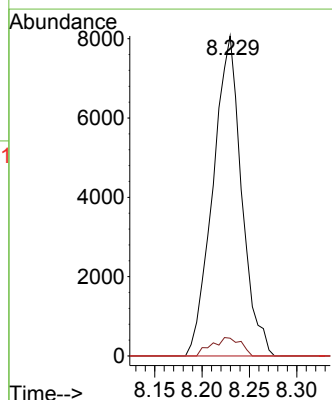
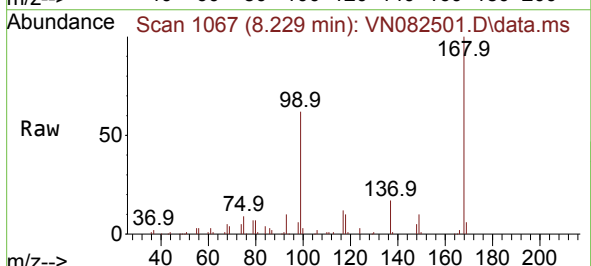
RT: 8.229 min Scan# 1067

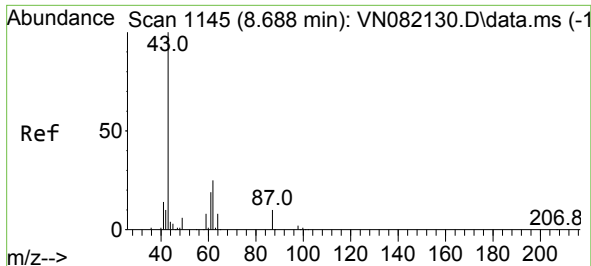
Delta R.T. -0.135 min

Lab File: VN082501.D

Acq: 07 Jun 2024 18:40

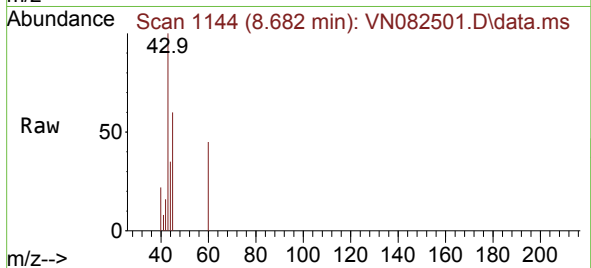
Tgt Ion:	117	Resp:	16994
Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.5	114.7#
121	0.0	23.9	35.9#



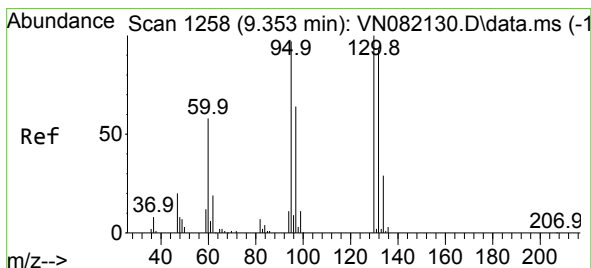
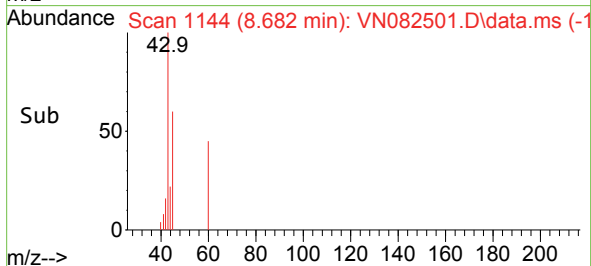
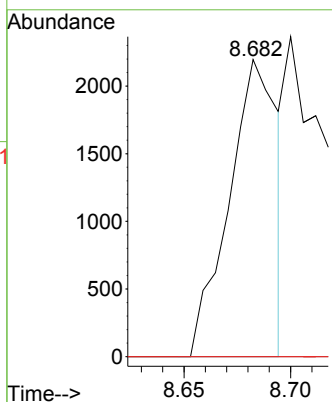


#43
Isopropyl Acetate
Concen: 0.584 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN082501.D
Acq: 07 Jun 2024 18:40

Instrument :
MSVOA_N
ClientSampleId :

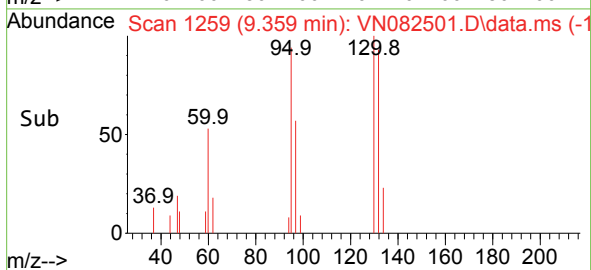
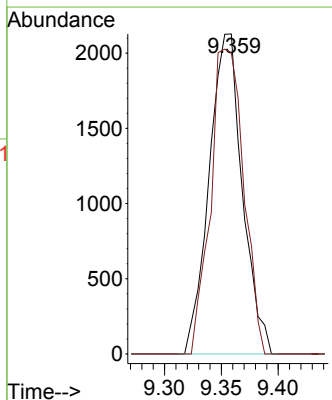
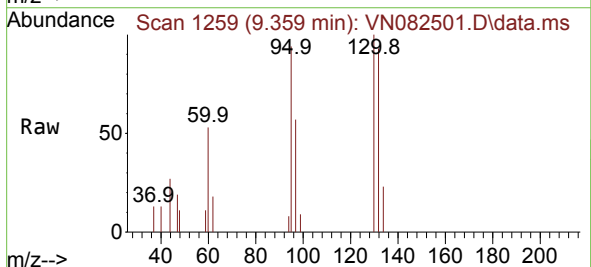


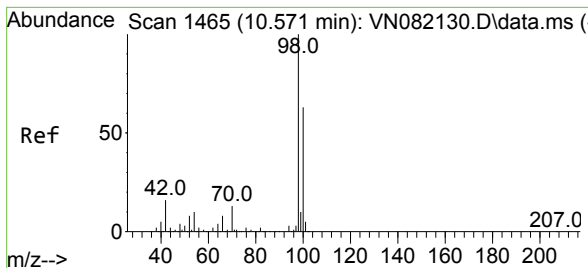
Tgt Ion: 43 Resp: 3483
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#44
Trichloroethene
Concen: 2.128 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN082501.D
Acq: 07 Jun 2024 18:40

Tgt Ion:130 Resp: 4335
Ion Ratio Lower Upper
130 100
95 94.0 0.0 195.4

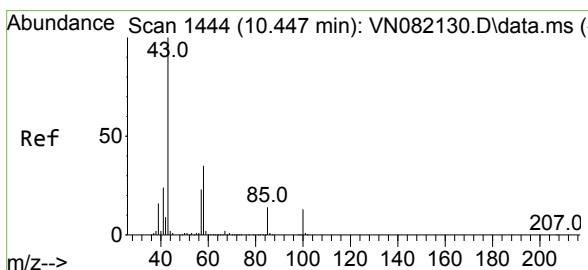
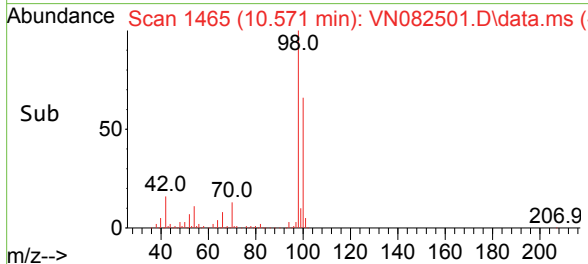
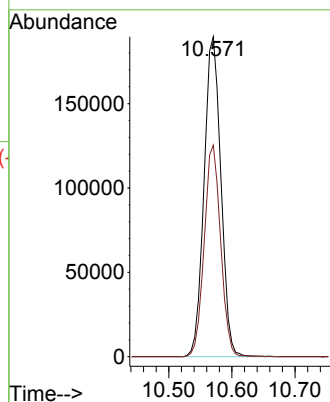
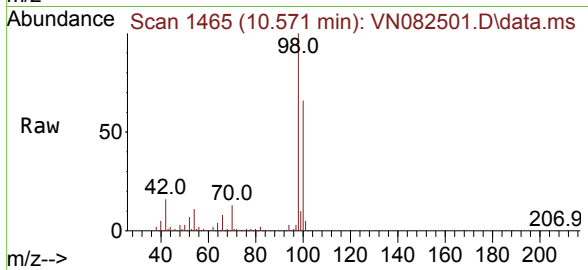




#50
Toluene-d8
Concen: 50.961 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082501.D
Acq: 07 Jun 2024 18:40

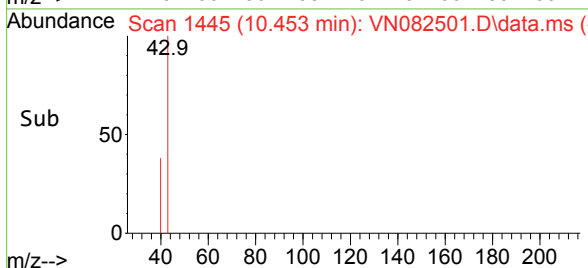
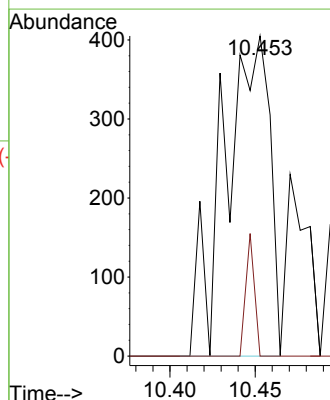
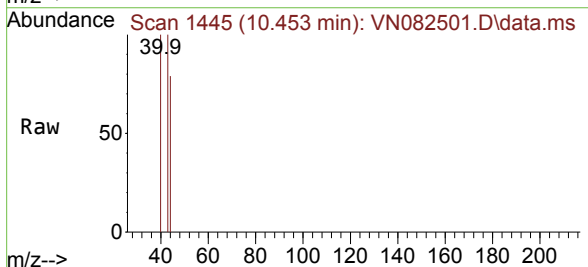
Instrument :
MSVOA_N
ClientSampleId :

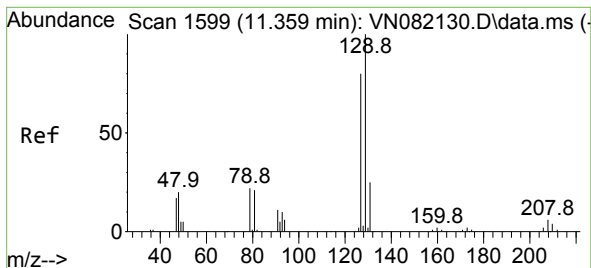
Tgt Ion: 98 Resp: 350334
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.224 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN082501.D
Acq: 07 Jun 2024 18:40

Tgt Ion: 43 Resp: 759
Ion Ratio Lower Upper
43 100
58 0.0 33.2 49.8#





#60

Dibromochloromethane

Concen: 0.633 ug/l

RT: 11.106 min Scan# 11

Delta R.T. -0.253 min

Lab File: VN082501.D

Acq: 07 Jun 2024 18:40

Instrument :

MSVOA_N

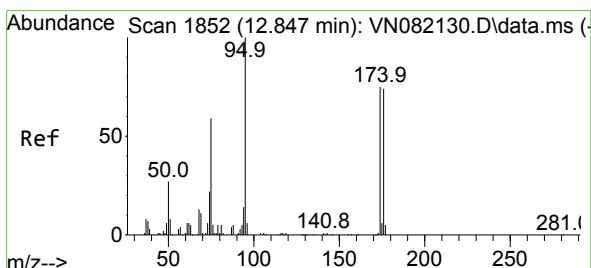
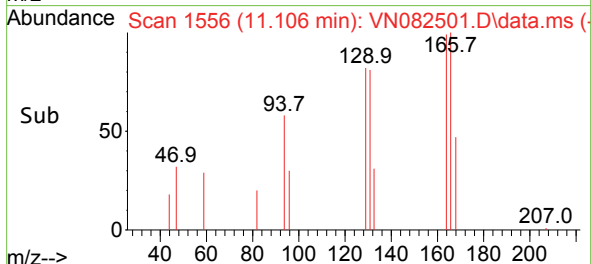
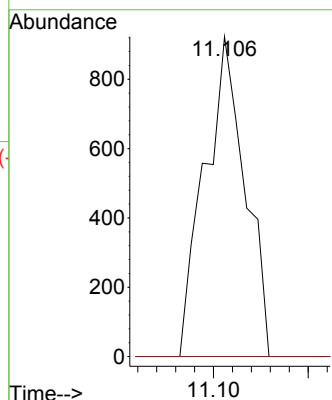
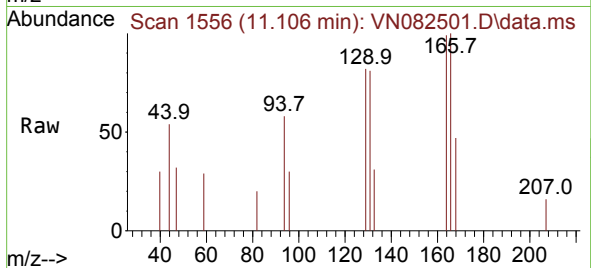
ClientSampleId :

Tgt Ion:129 Resp: 1366

Ion Ratio Lower Upper

129 100

127 0.0 38.3 114.8#



#62

4-Bromofluorobenzene

Concen: 46.579 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082501.D

Acq: 07 Jun 2024 18:40

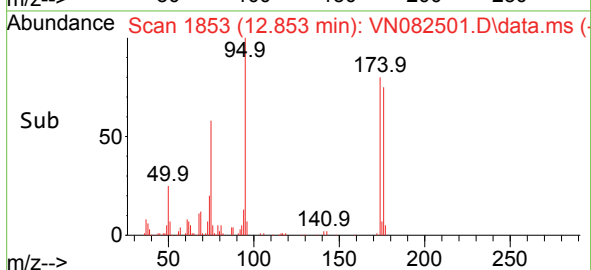
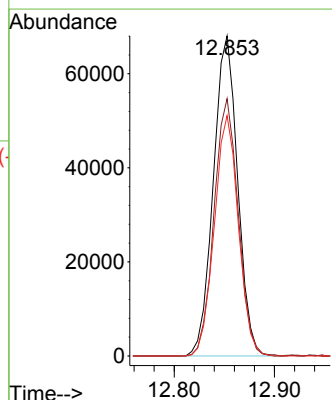
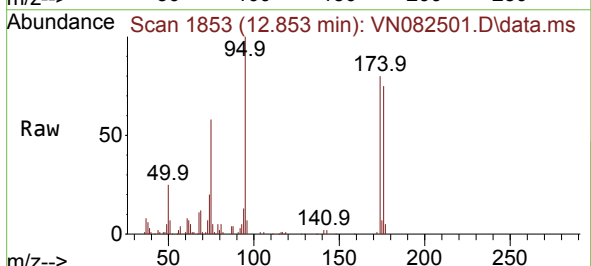
Tgt Ion: 95 Resp: 114290

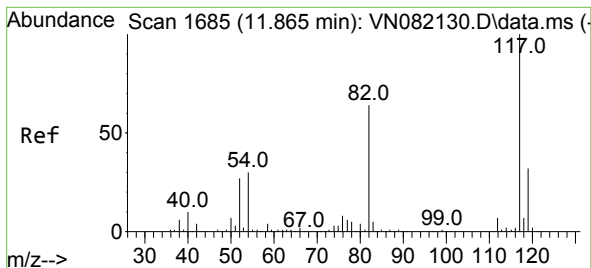
Ion Ratio Lower Upper

95 100

174 80.0 0.0 160.6

176 74.3 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082501.D

Acq: 07 Jun 2024 18:40

Instrument :

MSVOA_N

ClientSampleId :

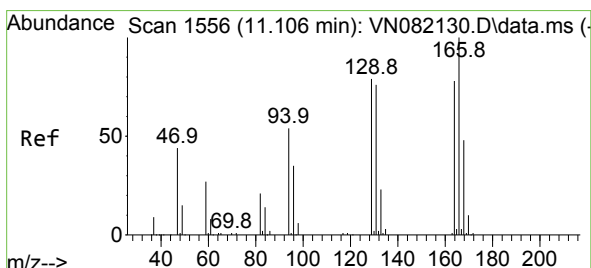
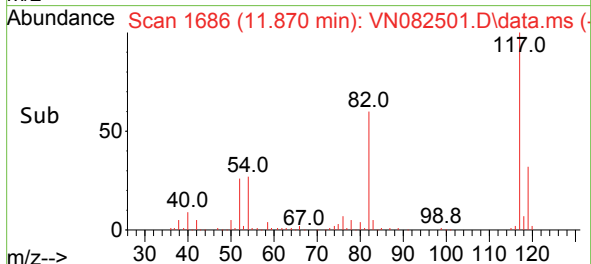
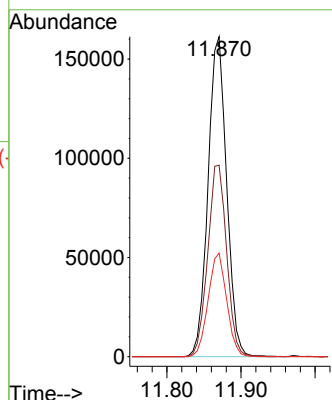
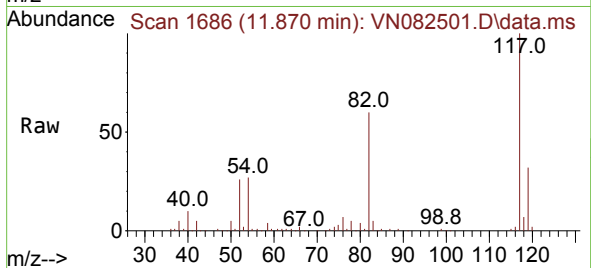
Tgt Ion:117 Resp: 280922

Ion Ratio Lower Upper

117 100

82 59.8 44.6 66.8

119 32.4 25.9 38.9



#64

Tetrachloroethene

Concen: 0.705 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082501.D

Acq: 07 Jun 2024 18:40

Tgt Ion:164 Resp: 1468

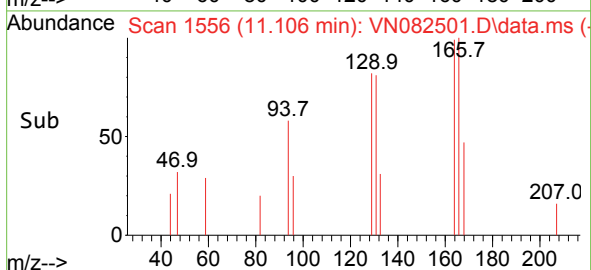
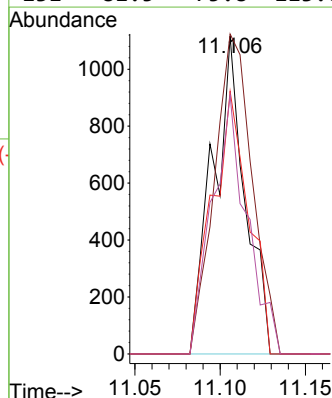
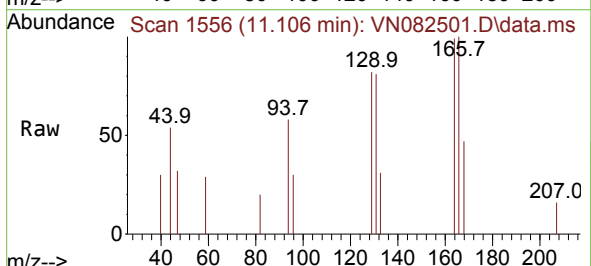
Ion Ratio Lower Upper

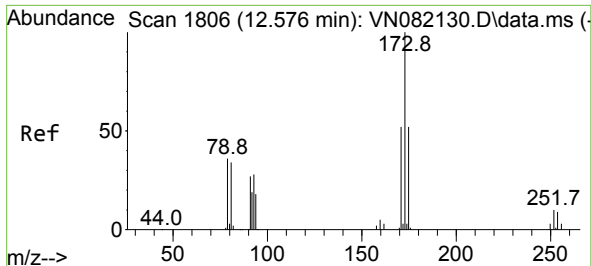
164 100

166 100.7 97.6 146.4

129 82.7 73.7 110.5

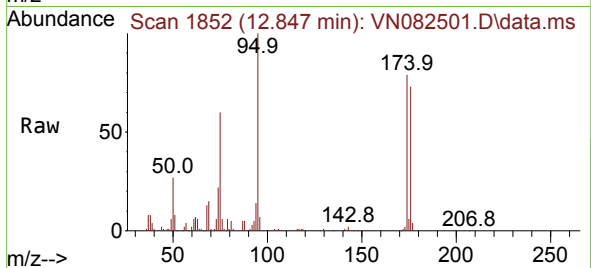
131 81.5 75.8 113.6



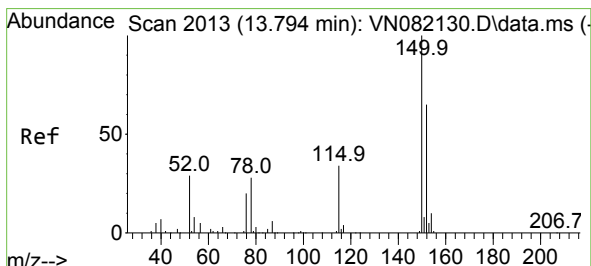
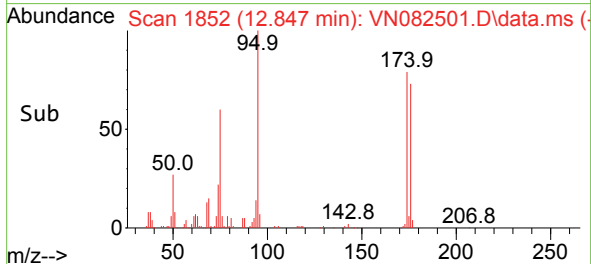
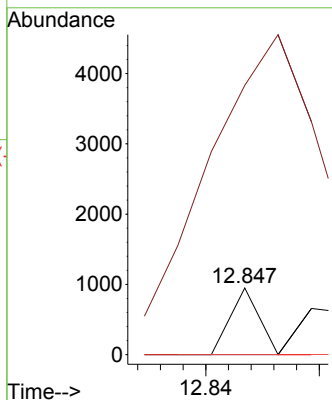


#71
Bromoform
Concen: 0.904 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN082501.D
Acq: 07 Jun 2024 18:40

Instrument :
MSVOA_N
ClientSampleId :

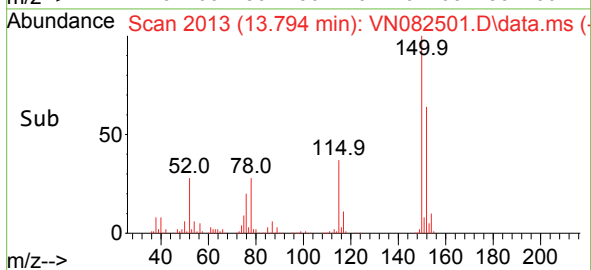
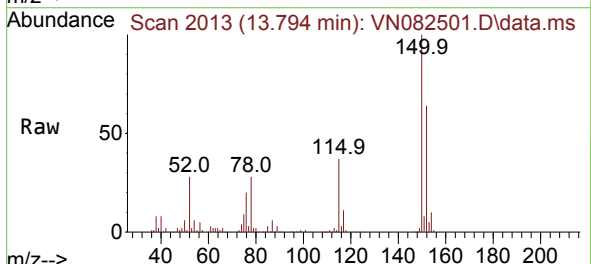
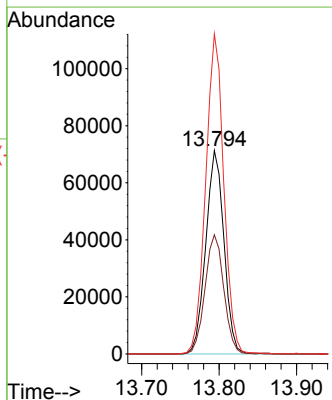


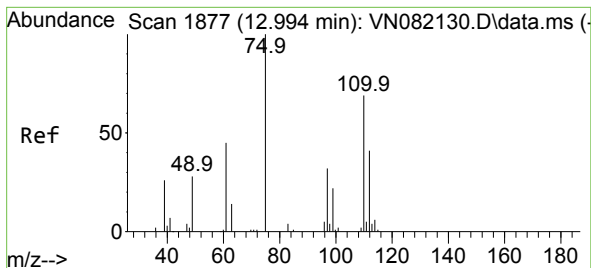
Tgt Ion:173 Resp: 335
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082501.D
Acq: 07 Jun 2024 18:40

Tgt Ion:152 Resp: 116172
Ion Ratio Lower Upper
152 100
115 60.6 30.4 91.3
150 156.6 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 27.216 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082501.D

Acq: 07 Jun 2024 18:40

Instrument :

MSVOA_N

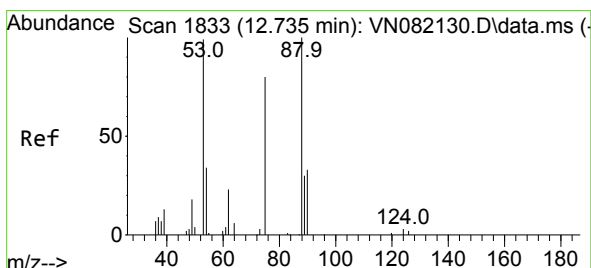
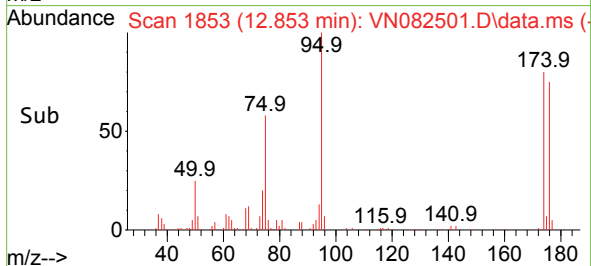
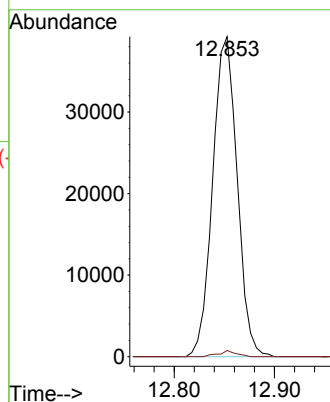
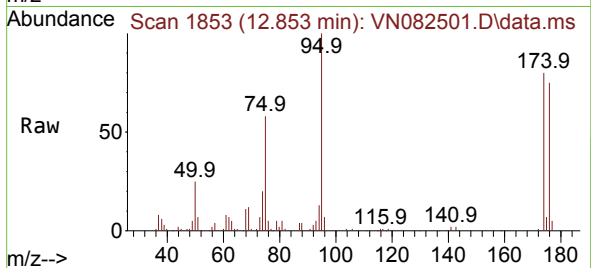
ClientSampleId :

Tgt Ion: 75 Resp: 66546

Ion Ratio Lower Upper

75 100

77 1.4 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.656 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082501.D

Acq: 07 Jun 2024 18:40

Tgt Ion: 75 Resp: 66546

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 39.1 58.7#

