

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071824\
 Data File : VN082972.D
 Acq On : 18 Jul 2024 13:02
 Operator : JC\MD
 Sample : VN0718MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 19 00:42:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

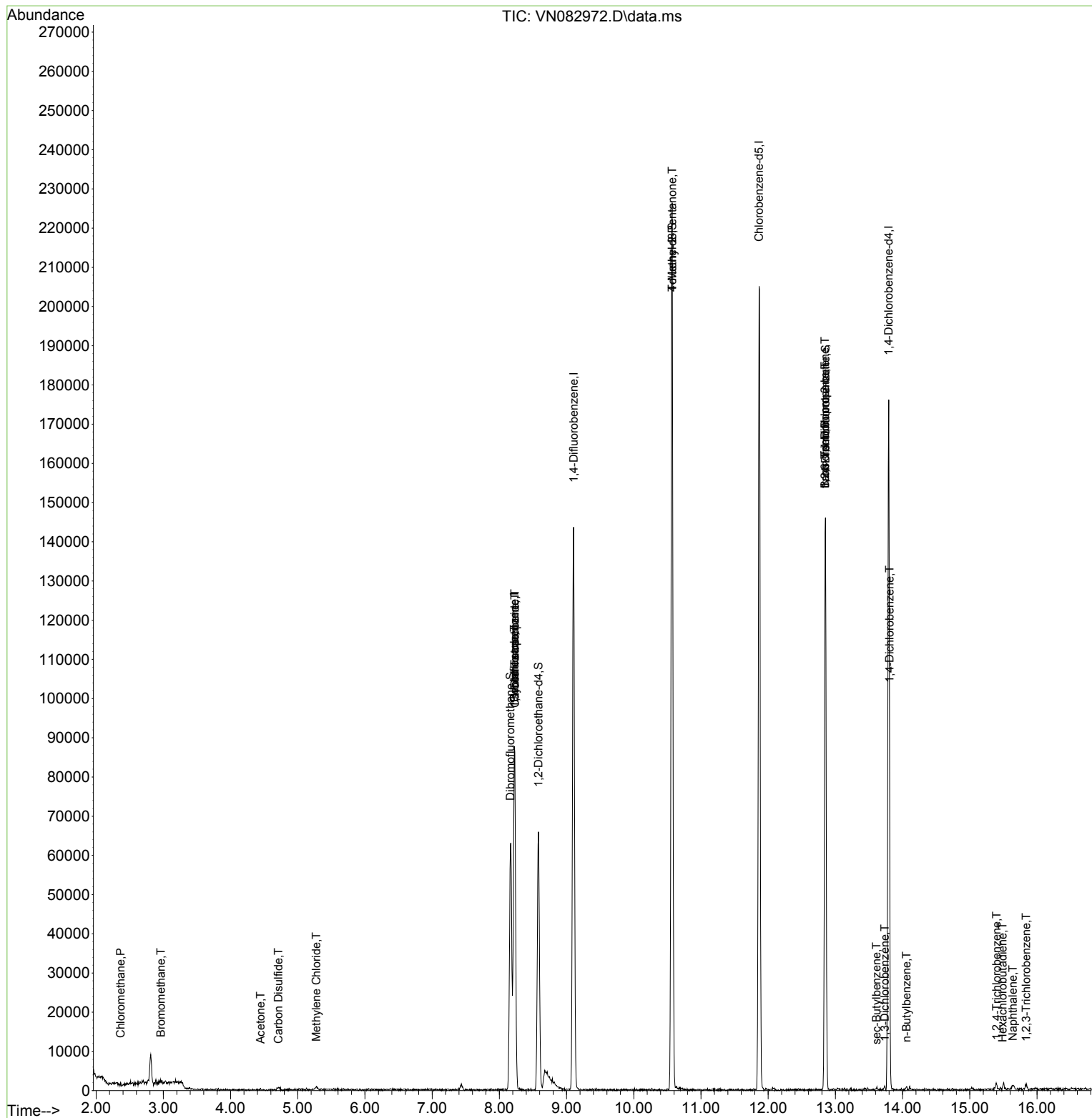
Internal Standards						
1) Pentafluorobenzene	8.224	168	62068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	122571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	119328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	46371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	54248	62.349	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	124.700%
35) Dibromofluoromethane	8.165	113	45294	57.589	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	115.180%
50) Toluene-d8	10.571	98	156861	53.998	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.000%
62) 4-Bromofluorobenzene	12.853	95	46991	45.033	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.060%
Target Compounds						
						Qvalue
3) Chloromethane	2.365	50	229	0.301	ug/l	# 43
5) Bromomethane	2.965	94	228	0.395	ug/l	93
16) Acetone	4.447	43	157	0.513	ug/l	# 48
17) Carbon Disulfide	4.712	76	1368	0.723	ug/l	# 75
20) Methylene Chloride	5.277	84	348	0.470	ug/l	# 58
31) Cyclohexane	8.224	56	1779	1.564	ug/l	# 26
36) 1,1-Dichloropropene	8.229	75	5575	5.141	ug/l	# 50
38) Carbon Tetrachloride	8.229	117	7197	5.512	ug/l	# 19
43) Isopropyl Acetate	8.677	43	2533	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	663	0.606	ug/l	# 1
71) Bromoform	12.847	173	388	0.542	ug/l	# 1
76) 1,2,3-Trichloropropane	12.847	75	26570	33.235	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.847	75	26570	65.363	ug/l	# 6
85) sec-Butylbenzene	13.611	105	653	0.200	ug/l	# 57
87) 1,3-Dichlorobenzene	13.735	146	475	0.302	ug/l	# 59
88) 1,4-Dichlorobenzene	13.806	146	756	0.466	ug/l	# 45
89) n-Butylbenzene	14.059	91	906	0.388	ug/l	# 67
93) 1,2,4-Trichlorobenzene	15.400	180	536	0.653	ug/l	# 65
94) Hexachlorobutadiene	15.488	225	544	1.494	ug/l	80
95) Naphthalene	15.641	128	2099	0.746	ug/l	# 73
96) 1,2,3-Trichlorobenzene	15.841	180	760	0.900	ug/l	# 85

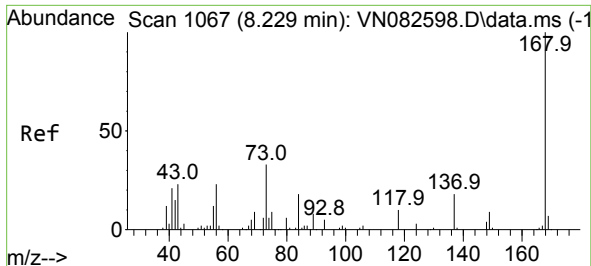
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
ClientSampleId :

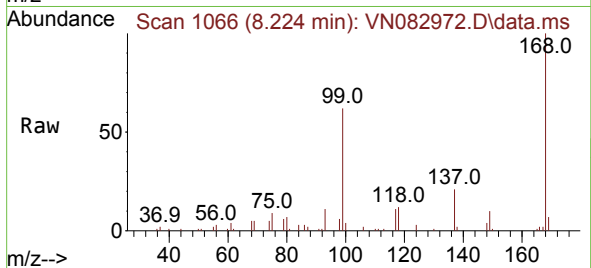
Quant Time: Jul 19 00:42:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



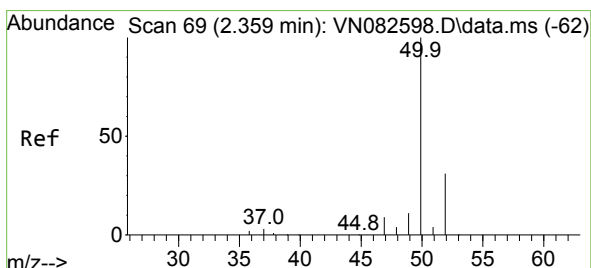
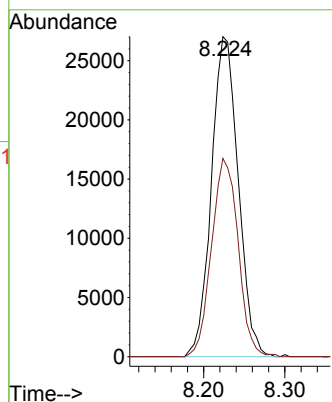
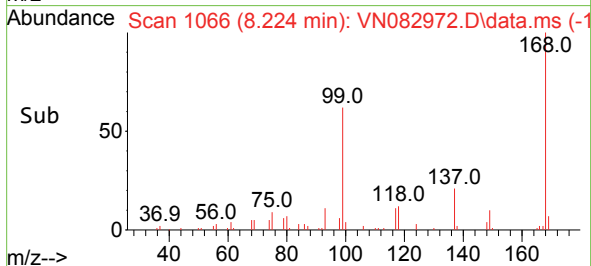


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN082972.D
Acq: 18 Jul 2024 13:02

Instrument :
MSVOA_N
ClientSampleId :

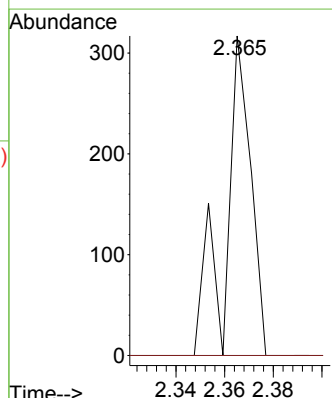
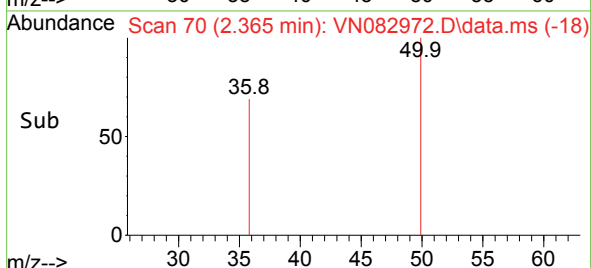
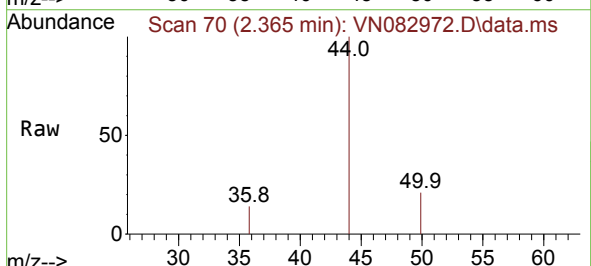


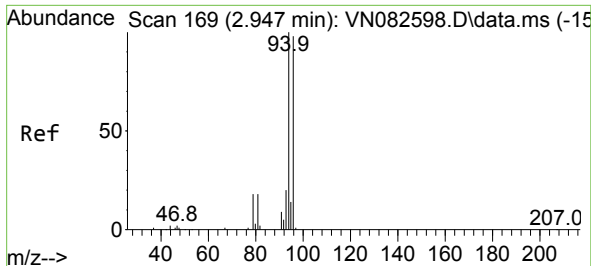
Tgt Ion:168 Resp: 62068
Ion Ratio Lower Upper
168 100
99 62.0 48.2 72.4



#3
Chloromethane
Concen: 0.301 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082972.D
Acq: 18 Jul 2024 13:02

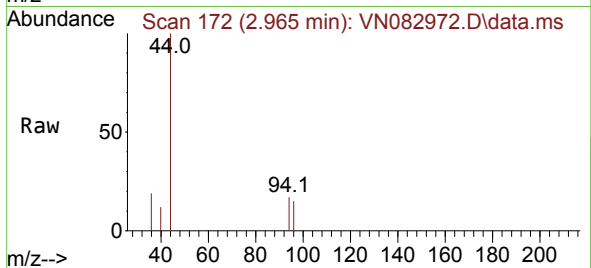
Tgt Ion: 50 Resp: 229
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



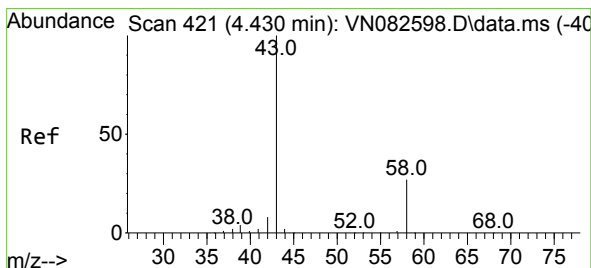
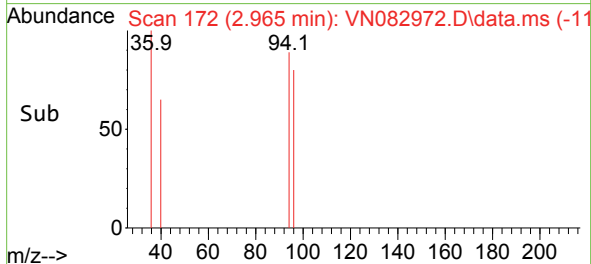
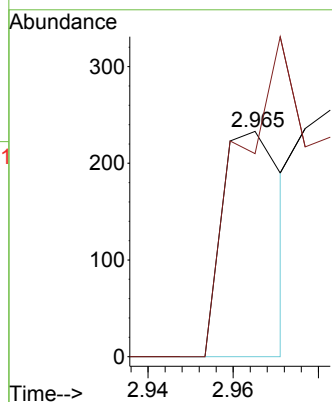


#5
Bromomethane
Concen: 0.395 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082972.D
Acq: 18 Jul 2024 13:02

Instrument :
MSVOA_N
ClientSampleId :

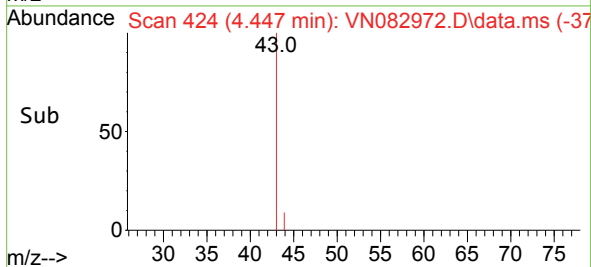
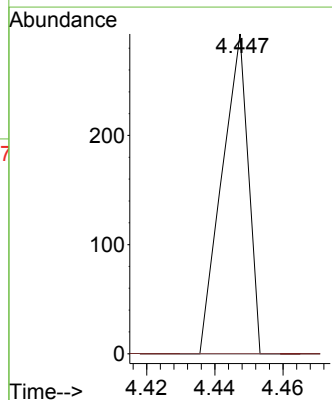
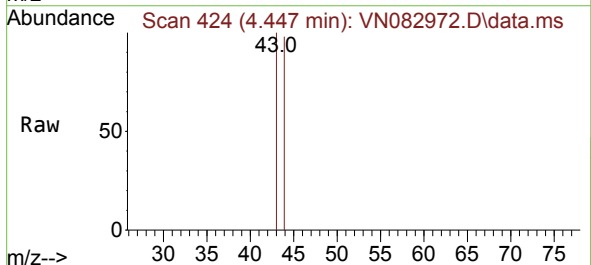


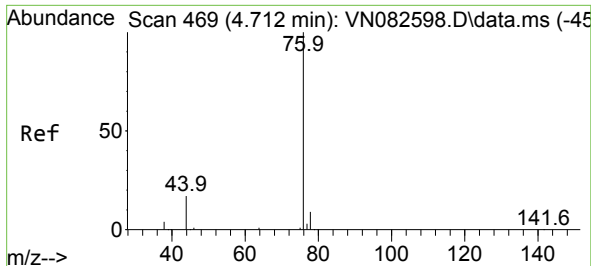
Tgt Ion: 94 Resp: 228
Ion Ratio Lower Upper
94 100
96 90.1 78.0 117.0



#16
Acetone
Concen: 0.513 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN082972.D
Acq: 18 Jul 2024 13:02

Tgt Ion: 43 Resp: 157
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#

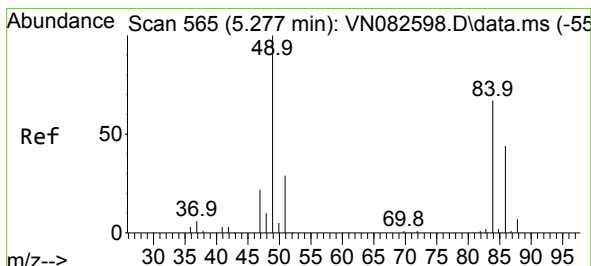
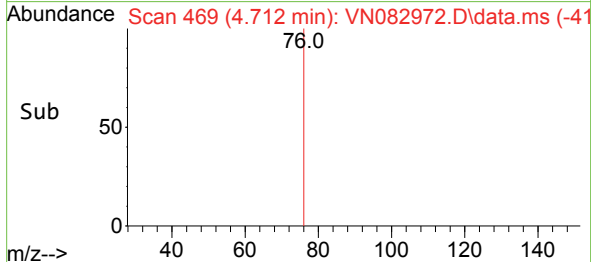
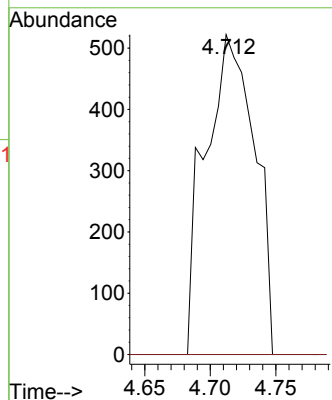
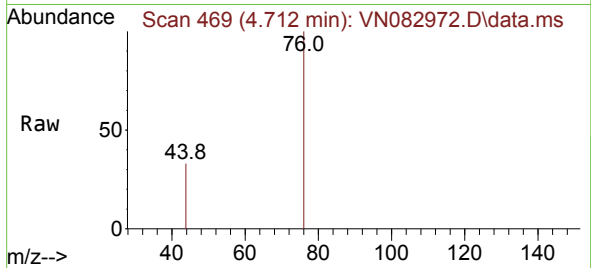




#17
Carbon Disulfide
Concen: 0.723 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN082972.D
Acq: 18 Jul 2024 13:02

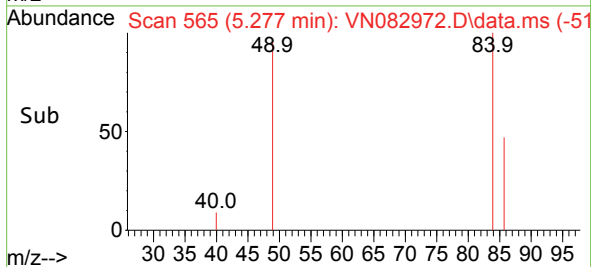
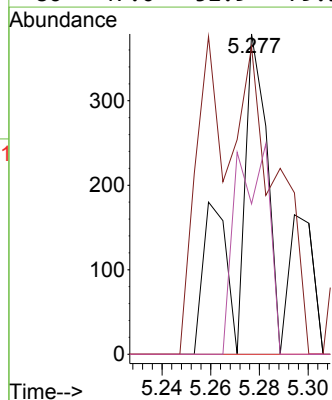
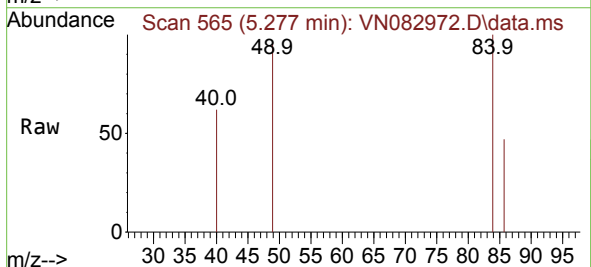
Instrument :
MSVOA_N
ClientSampleId :

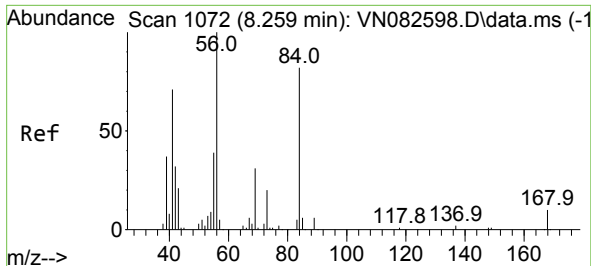
Tgt Ion: 76 Resp: 1368
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.470 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082972.D
Acq: 18 Jul 2024 13:02

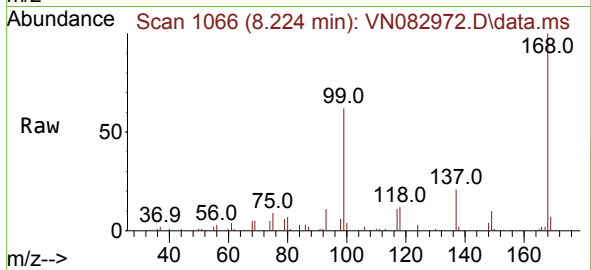
Tgt Ion: 84 Resp: 348
Ion Ratio Lower Upper
84 100
49 96.0 119.6 179.4#
51 0.0 34.8 52.2#
86 47.0 52.9 79.3#



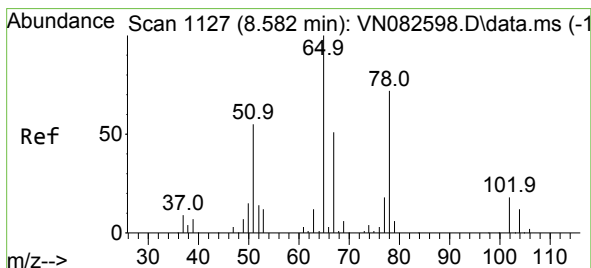
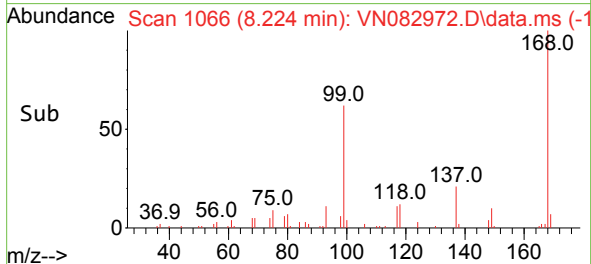
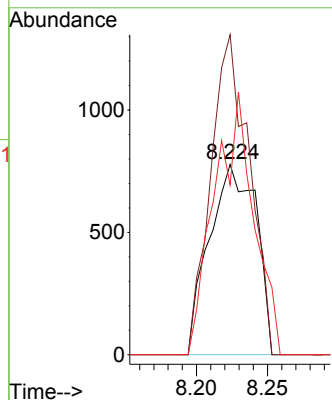


#31
Cyclohexane
Concen: 1.564 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082972.D
Acq: 18 Jul 2024 13:02

Instrument :
MSVOA_N
ClientSampleId :

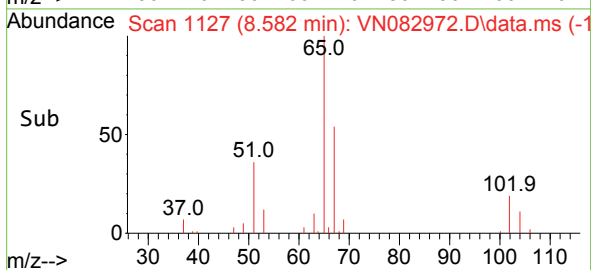
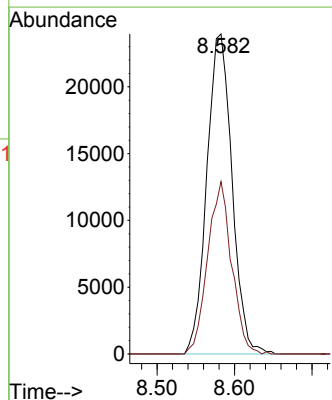
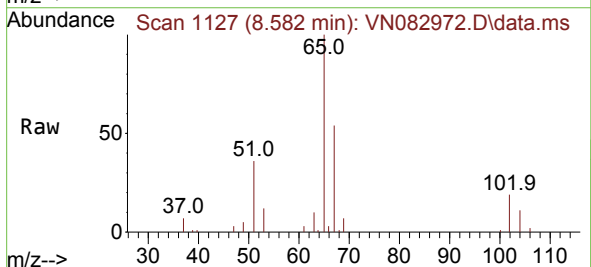


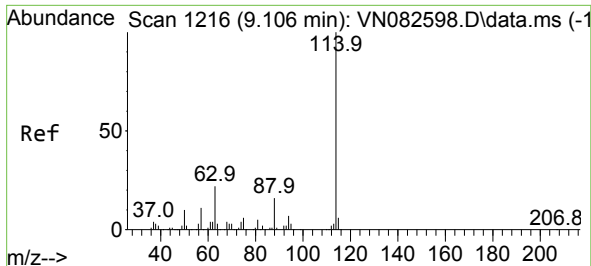
Tgt Ion: 56 Resp: 1779
Ion Ratio Lower Upper
56 100
69 168.1 24.5 36.7#
84 89.2 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 62.349 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082972.D
Acq: 18 Jul 2024 13:02

Tgt Ion: 65 Resp: 54248
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

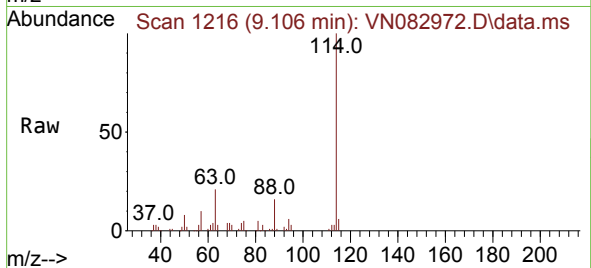
Lab File: VN082972.D

Acq: 18 Jul 2024 13:02

Instrument :

MSVOA_N

ClientSampleId :



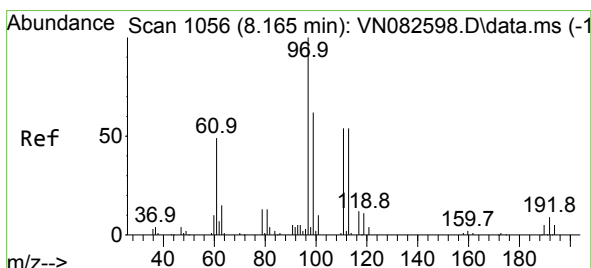
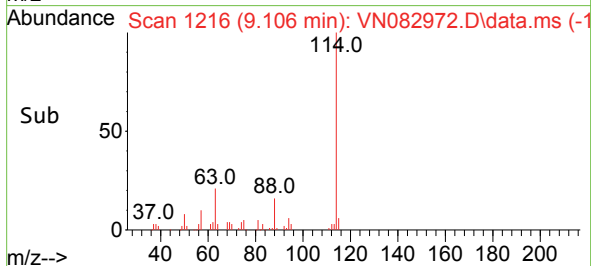
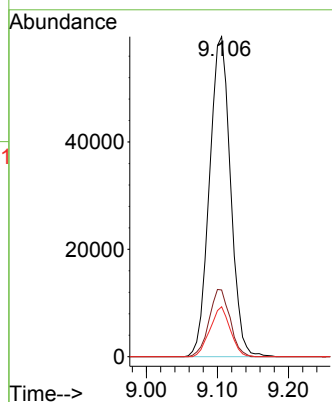
Tgt Ion:114 Resp: 122571

Ion Ratio Lower Upper

114 100

63 20.8 0.0 44.6

88 15.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 57.589 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082972.D

Acq: 18 Jul 2024 13:02

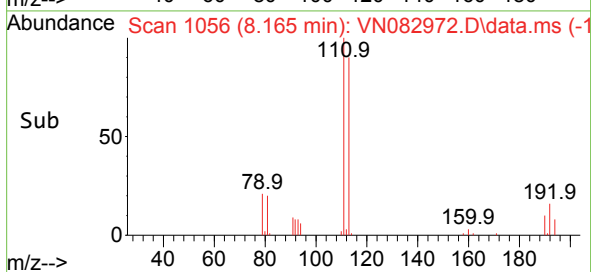
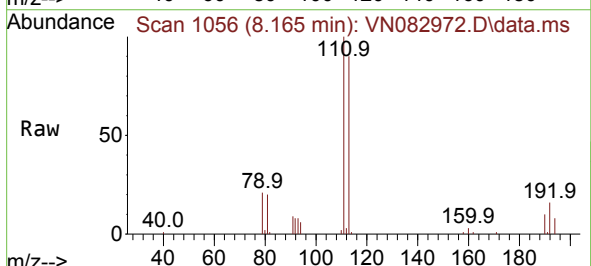
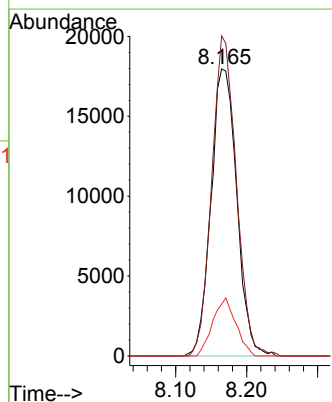
Tgt Ion:113 Resp: 45294

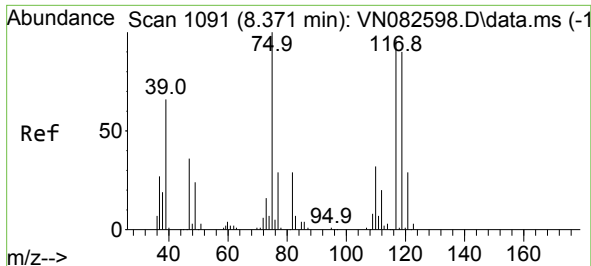
Ion Ratio Lower Upper

113 100

111 106.0 82.4 123.6

192 18.1 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.141 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.142 min

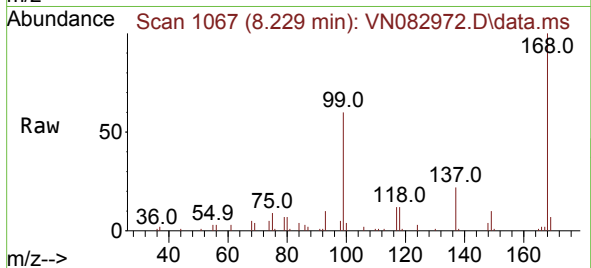
Lab File: VN082972.D

Acq: 18 Jul 2024 13:02

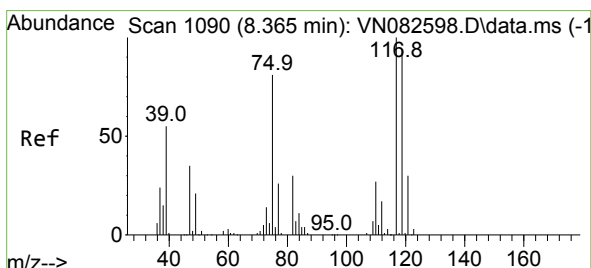
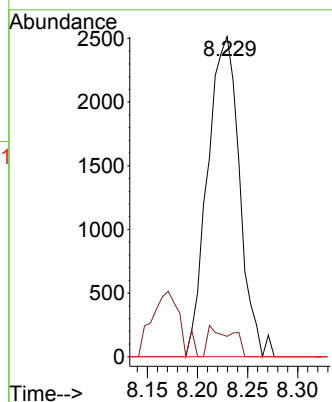
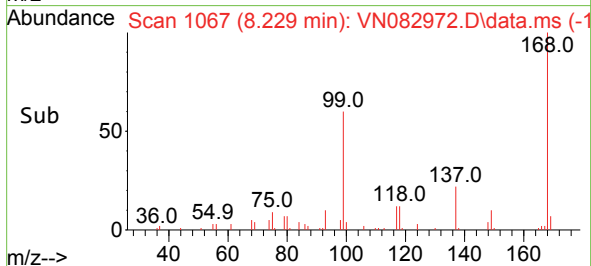
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	5575
Ion	Ratio	Lower	Upper
75	100		
110	7.3	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.512 ug/l

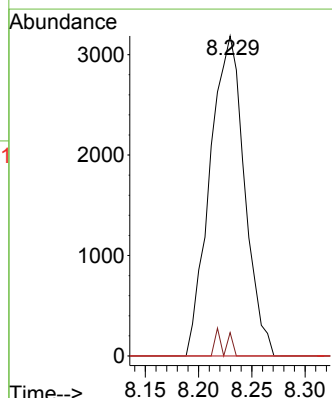
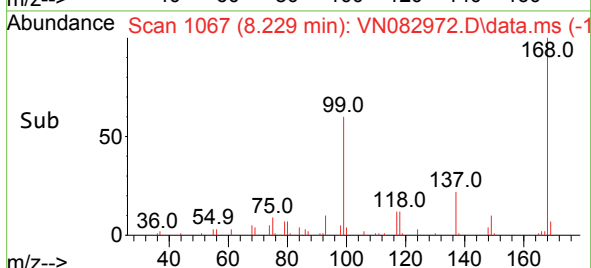
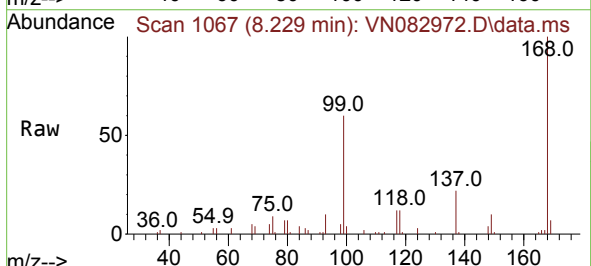
RT: 8.229 min Scan# 1067

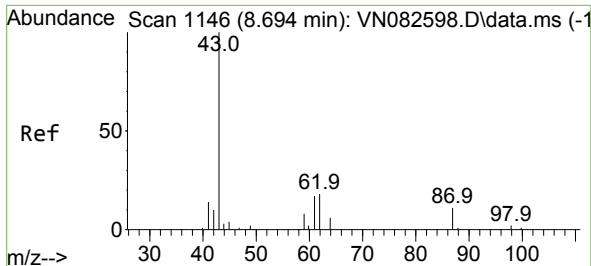
Delta R.T. -0.136 min

Lab File: VN082972.D

Acq: 18 Jul 2024 13:02

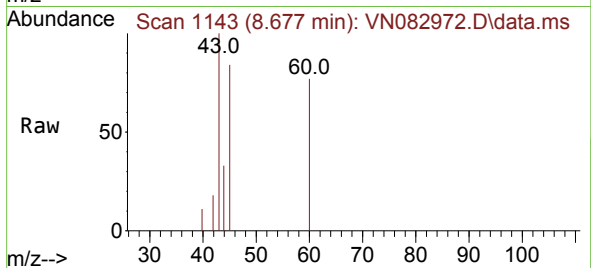
Tgt Ion:	117	Resp:	7197
Ion	Ratio	Lower	Upper
117	100		
119	7.3	74.9	112.3#
121	0.0	24.3	36.5#



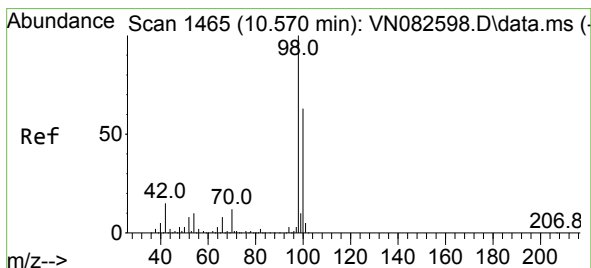
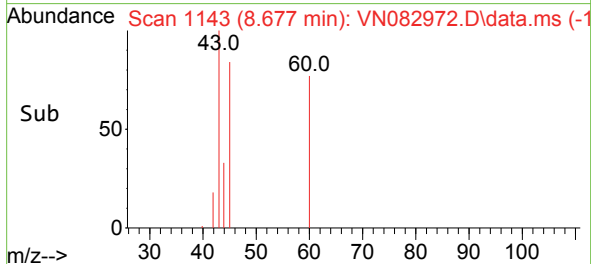
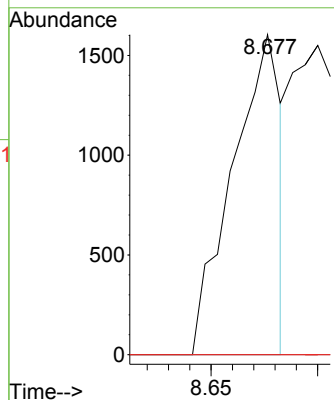


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.017 min
Lab File: VN082972.D
Acq: 18 Jul 2024 13:02

Instrument :
MSVOA_N
ClientSampleId :

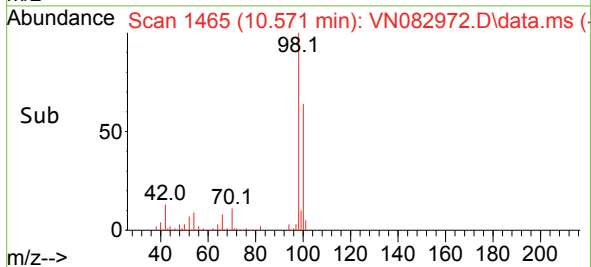
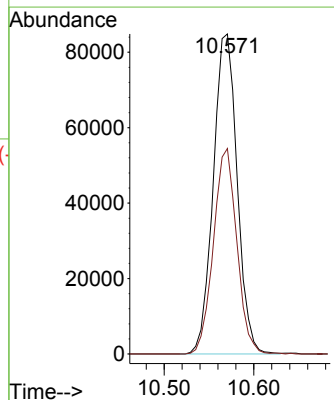
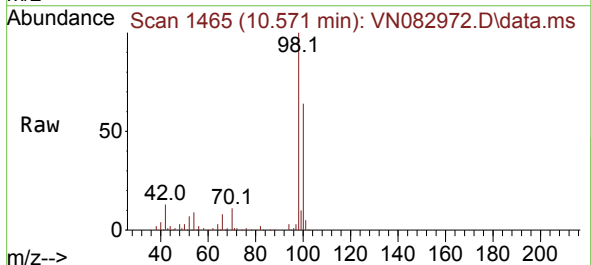


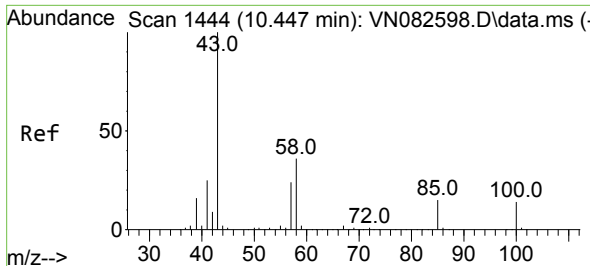
Tgt Ion: 43 Resp: 2533
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 53.998 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082972.D
Acq: 18 Jul 2024 13:02

Tgt Ion: 98 Resp: 156861
Ion Ratio Lower Upper
98 100
100 62.9 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.606 ug/l

RT: 10.571 min Scan# 1444

Delta R.T. 0.124 min

Lab File: VN082972.D

Acq: 18 Jul 2024 13:02

Instrument :

MSVOA_N

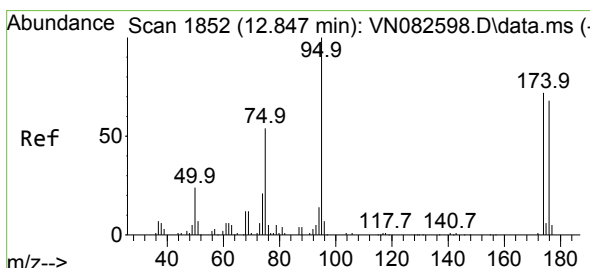
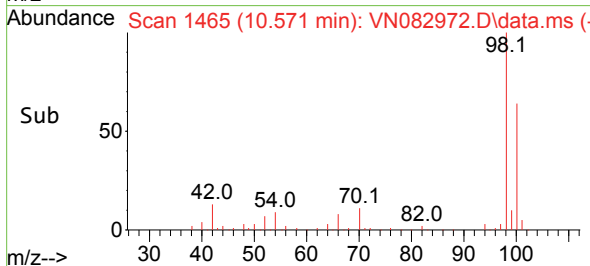
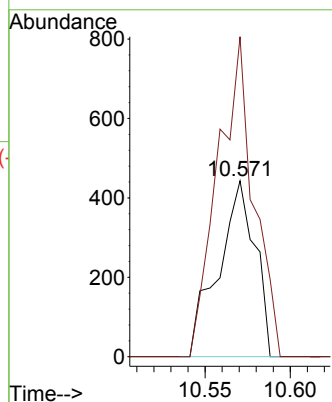
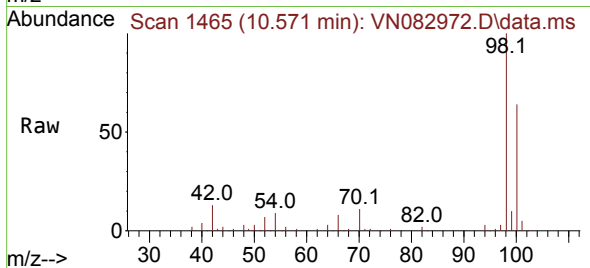
ClientSampleId :

Tgt Ion: 43 Resp: 663

Ion Ratio Lower Upper

43 100

58 178.1 28.2 42.4#



#62

4-Bromofluorobenzene

Concen: 45.033 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082972.D

Acq: 18 Jul 2024 13:02

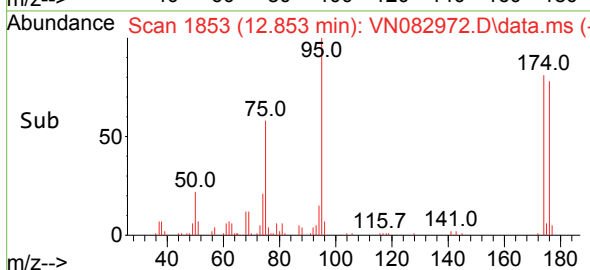
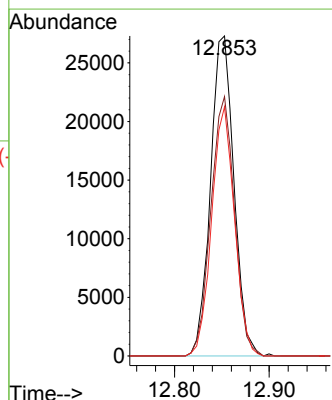
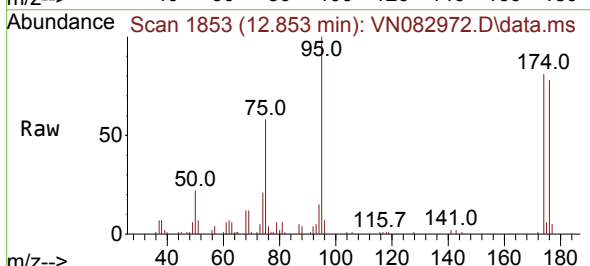
Tgt Ion: 95 Resp: 46991

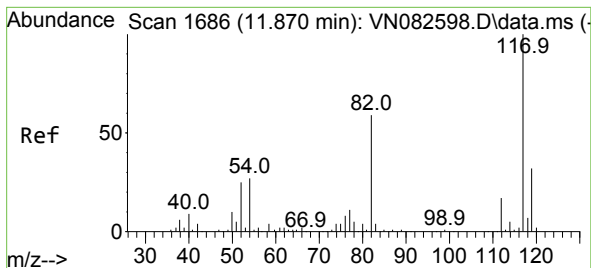
Ion Ratio Lower Upper

95 100

174 81.7 0.0 159.2

176 75.9 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082972.D

Acq: 18 Jul 2024 13:02

Instrument :

MSVOA_N

ClientSampleId :

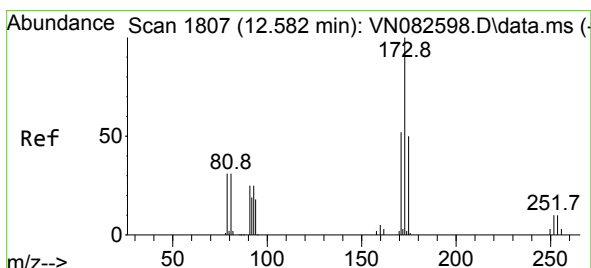
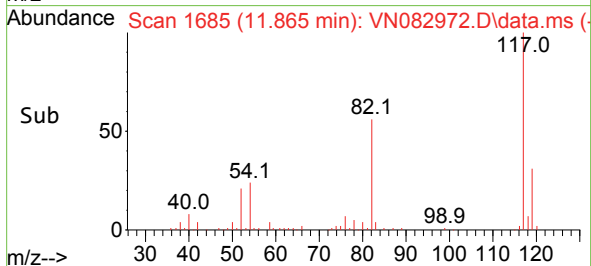
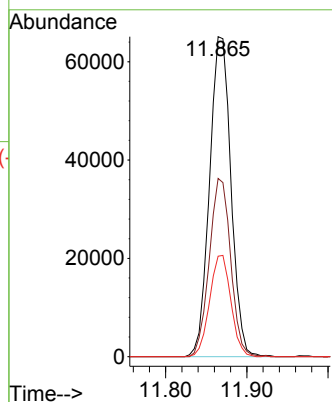
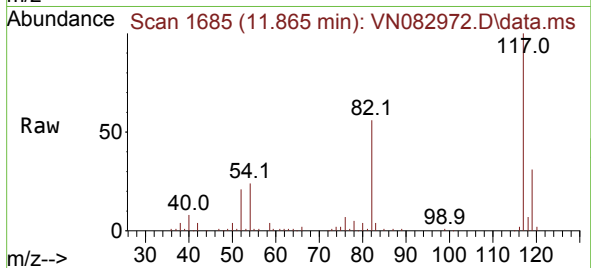
Tgt Ion:117 Resp: 119328

Ion Ratio Lower Upper

117 100

82 55.7 47.5 71.3

119 31.4 25.6 38.4



#71

Bromoform

Concen: 0.542 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.265 min

Lab File: VN082972.D

Acq: 18 Jul 2024 13:02

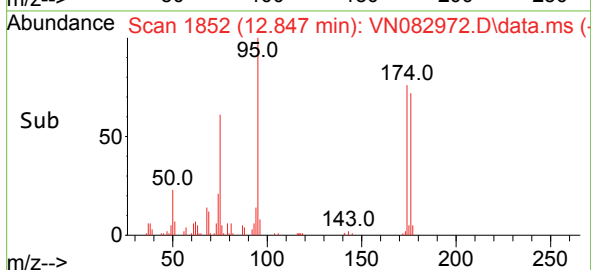
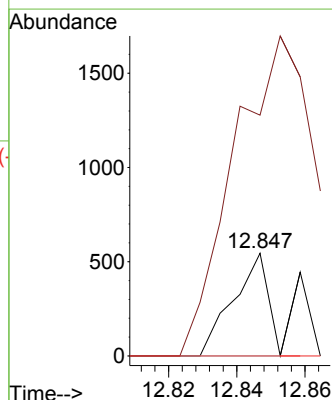
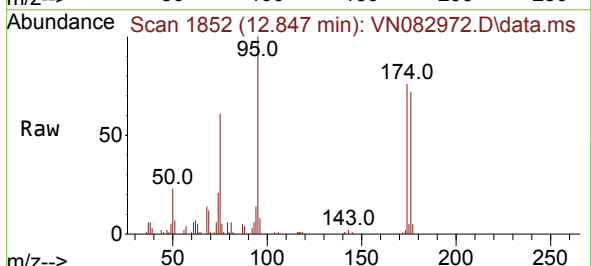
Tgt Ion:173 Resp: 388

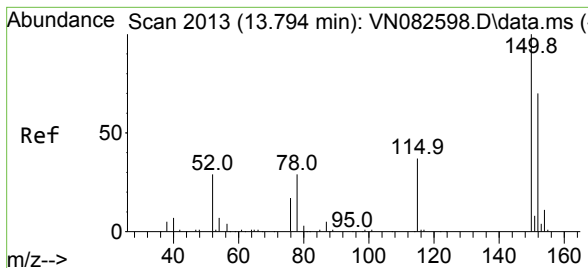
Ion Ratio Lower Upper

173 100

175 616.2 24.0 72.0#

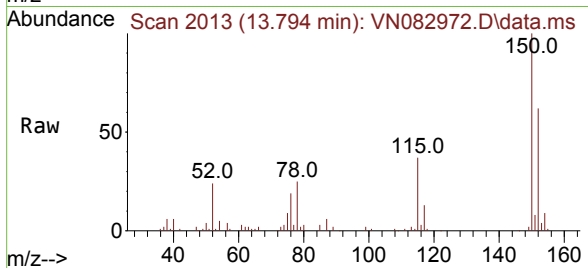
254 0.0 0.0 0.0



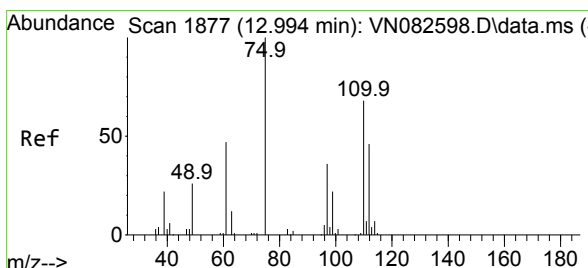
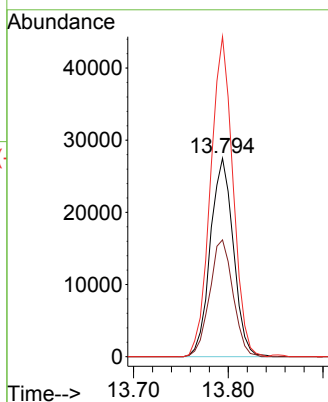
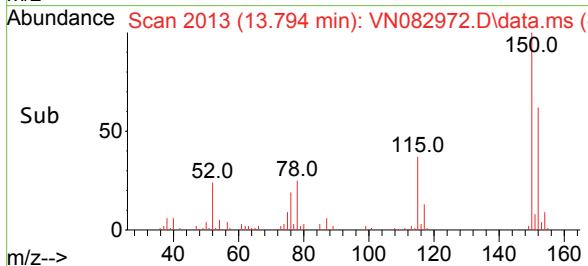


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082972.D
Acq: 18 Jul 2024 13:02

Instrument :
MSVOA_N
ClientSampleId :

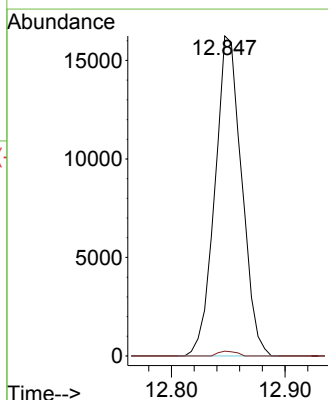
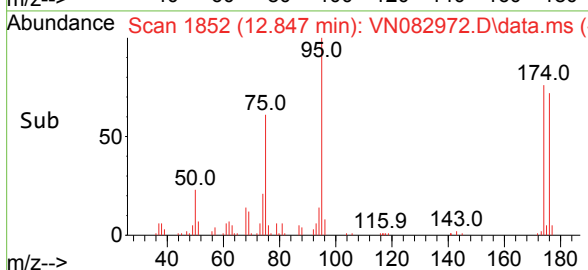
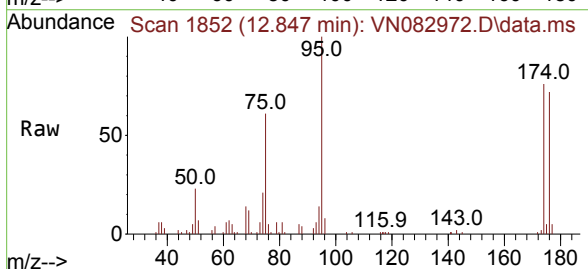


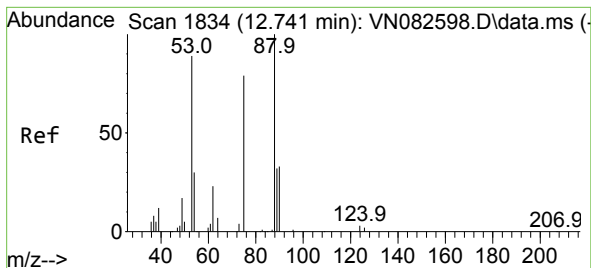
Tgt Ion:152 Resp: 46371
Ion Ratio Lower Upper
152 100
115 59.7 30.6 91.6
150 157.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 33.235 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082972.D
Acq: 18 Jul 2024 13:02

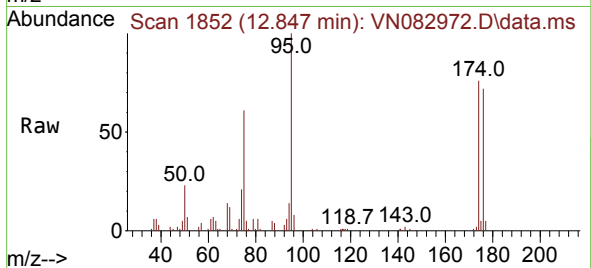
Tgt Ion: 75 Resp: 26570
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#



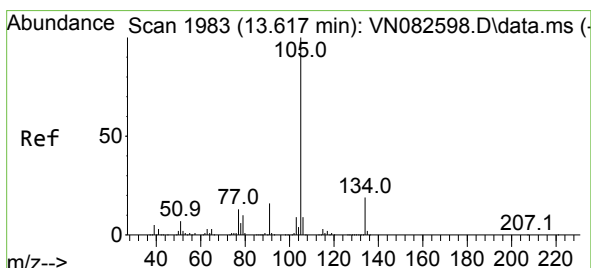
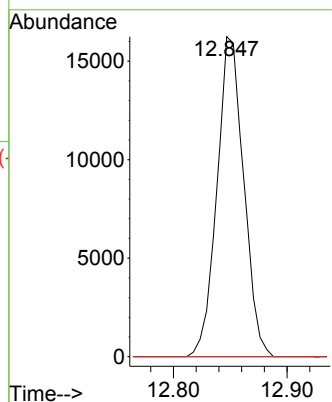
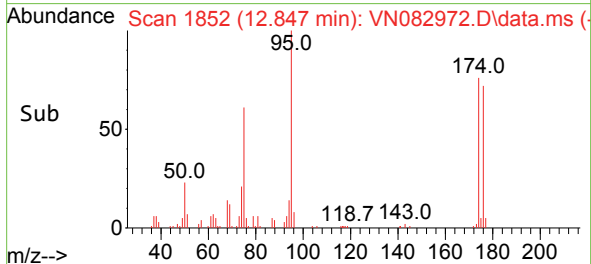


#81
trans-1,4-Dichloro-2-butene
Concen: 65.363 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN082972.D
Acq: 18 Jul 2024 13:02

Instrument :
MSVOA_N
ClientSampleId :

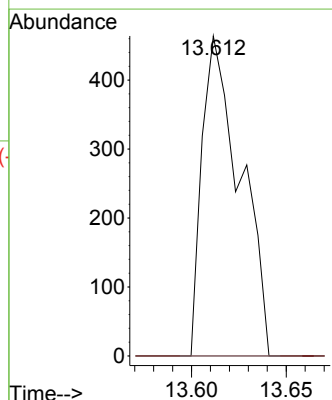
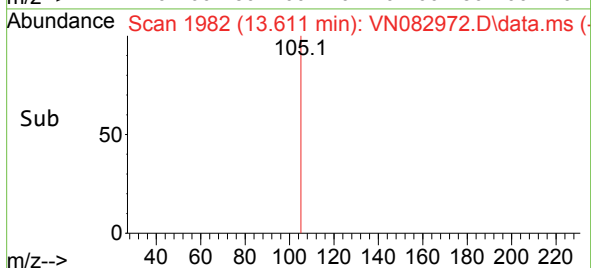
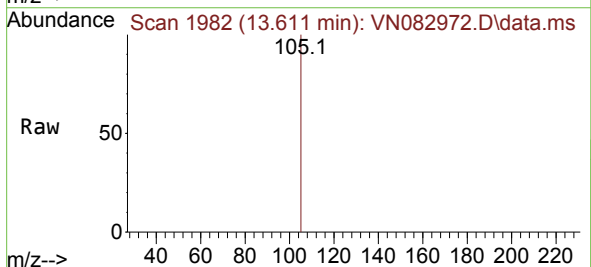


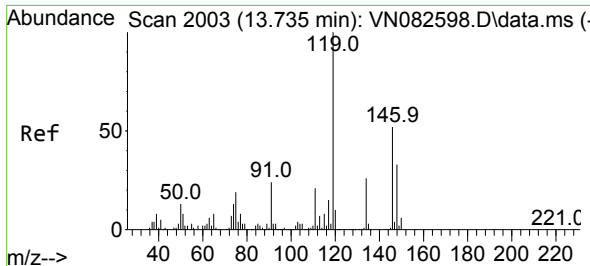
Tgt Ion: 75 Resp: 26570
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#85
sec-Butylbenzene
Concen: 0.200 ug/l
RT: 13.611 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN082972.D
Acq: 18 Jul 2024 13:02

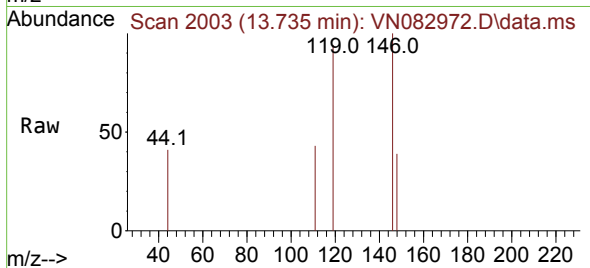
Tgt Ion: 105 Resp: 653
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#



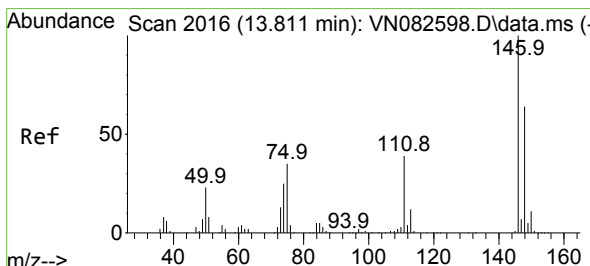
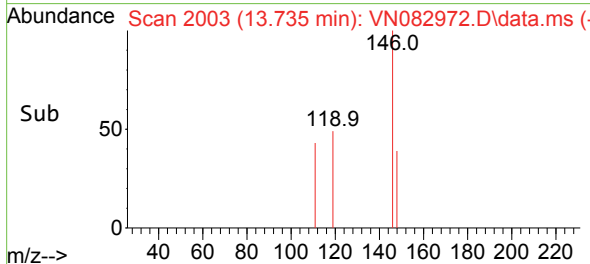
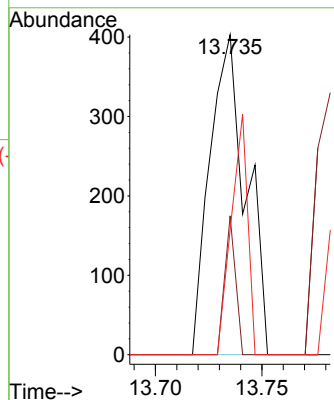


#87
 1,3-Dichlorobenzene
 Concen: 0.302 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN082972.D
 Acq: 18 Jul 2024 13:02

Instrument :
 MSVOA_N
 ClientSampleId :

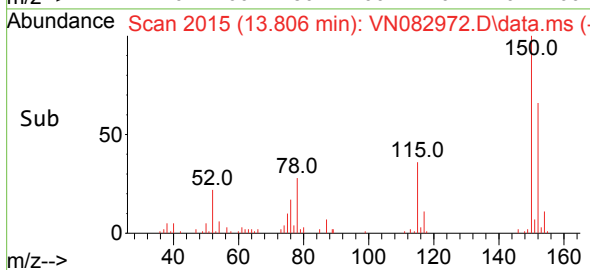
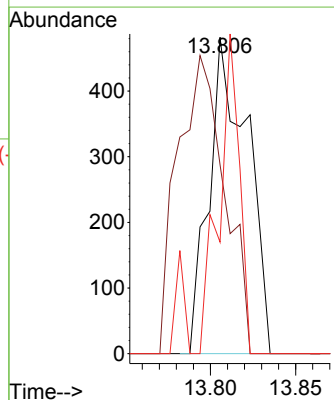
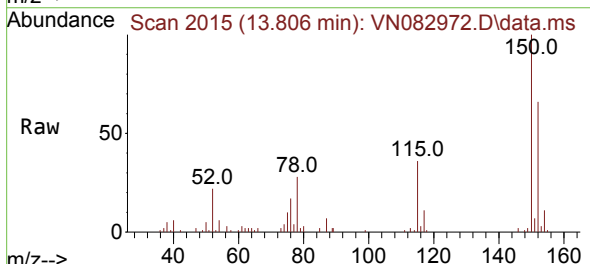


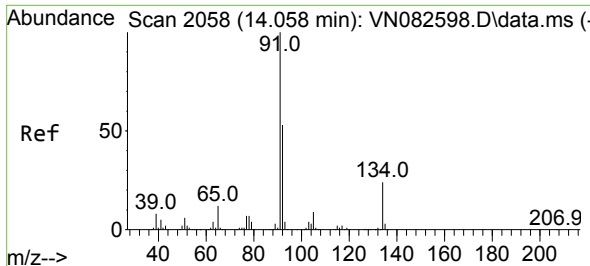
Tgt Ion:146 Resp: 475
 Ion Ratio Lower Upper
 146 100
 111 13.1 20.6 61.9#
 148 34.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 0.466 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.005 min
 Lab File: VN082972.D
 Acq: 18 Jul 2024 13:02

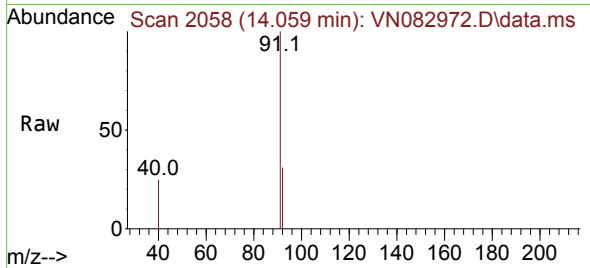
Tgt Ion:146 Resp: 756
 Ion Ratio Lower Upper
 146 100
 111 114.7 20.1 60.3#
 148 53.7 32.2 96.6



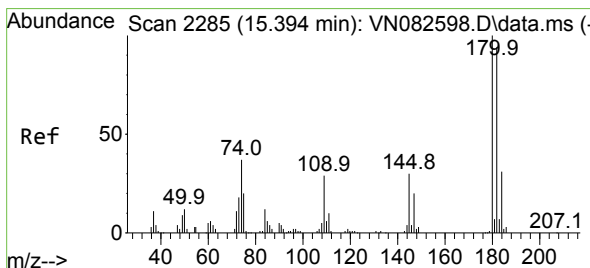
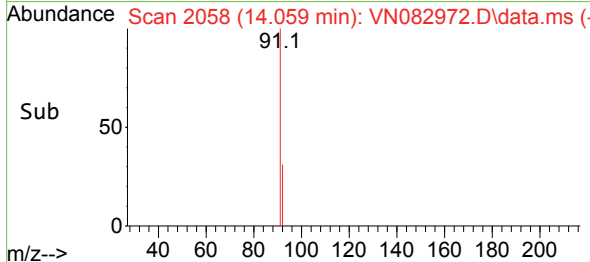
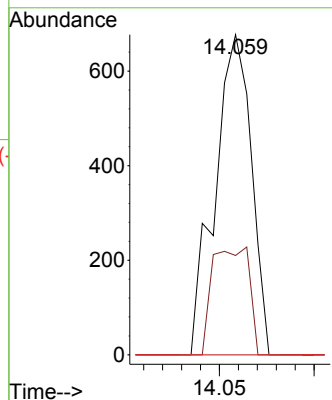


#89
n-Butylbenzene
Concen: 0.388 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.001 min
Lab File: VN082972.D
Acq: 18 Jul 2024 13:02

Instrument :
MSVOA_N
ClientSampleId :

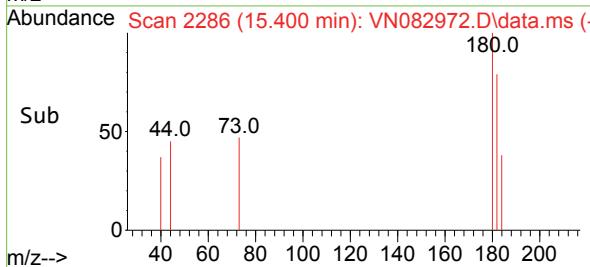
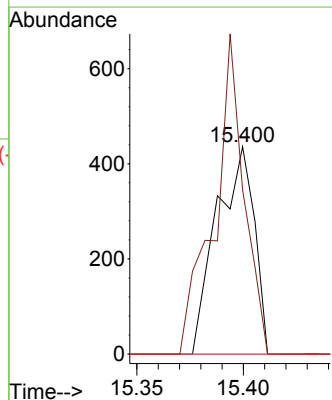
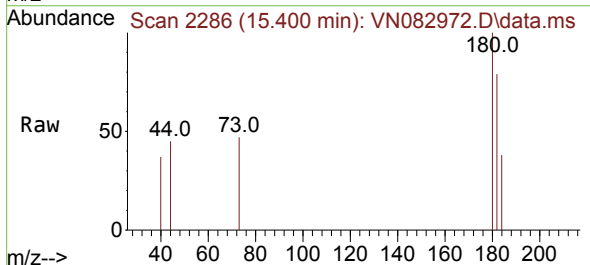


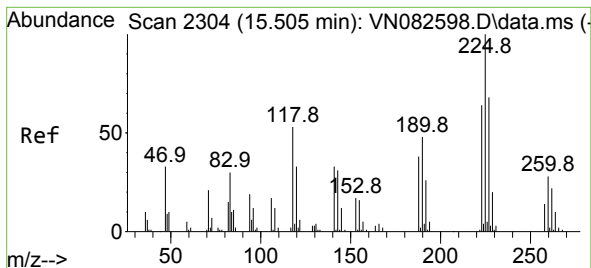
Tgt Ion: 91 Resp: 906
Ion Ratio Lower Upper
91 100
92 33.9 26.1 78.3
134 0.0 12.1 36.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.653 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VN082972.D
Acq: 18 Jul 2024 13:02

Tgt Ion: 180 Resp: 536
Ion Ratio Lower Upper
180 100
182 121.8 47.3 141.8
145 0.0 15.7 47.1#





#94

Hexachlorobutadiene

Concen: 1.494 ug/l

RT: 15.488 min Scan# 2301

Delta R.T. -0.017 min

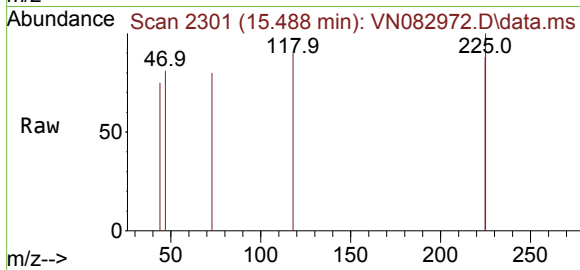
Lab File: VN082972.D

Acq: 18 Jul 2024 13:02

Instrument :

MSVOA_N

ClientSampleId :



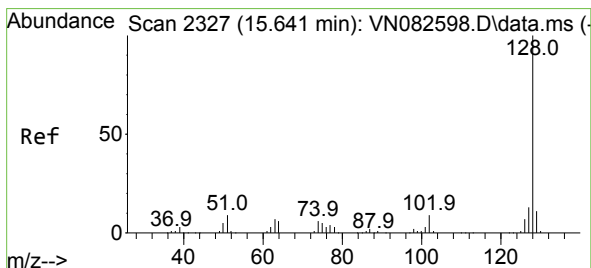
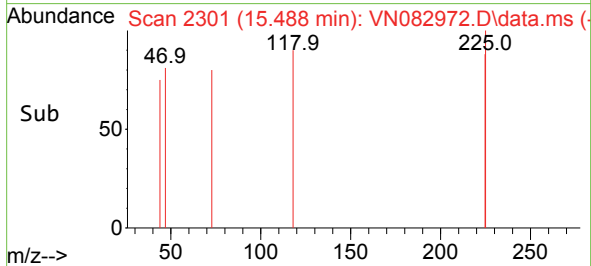
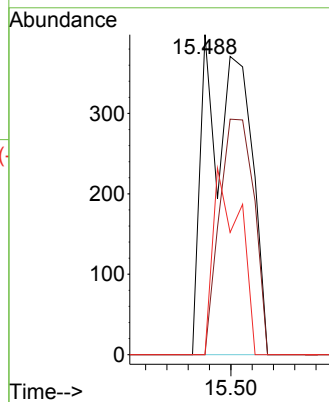
Tgt Ion:225 Resp: 544

Ion Ratio Lower Upper

225 100

223 60.7 31.9 95.7

227 36.9 32.5 97.5



#95

Naphthalene

Concen: 0.746 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082972.D

Acq: 18 Jul 2024 13:02

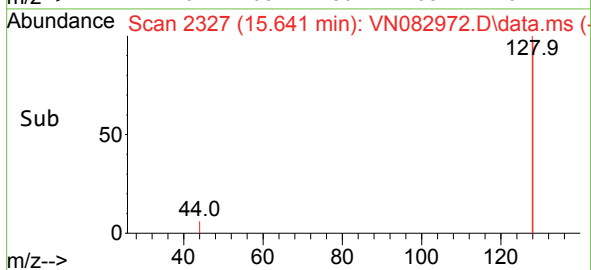
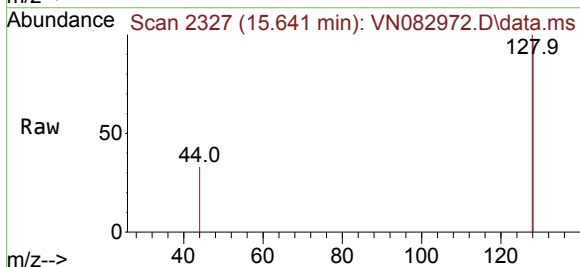
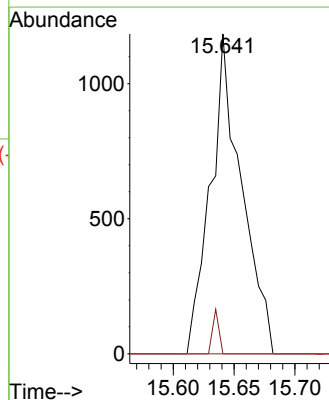
Tgt Ion:128 Resp: 2099

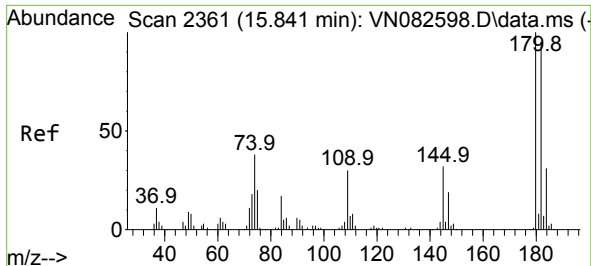
Ion Ratio Lower Upper

128 100

127 2.8 10.6 16.0#

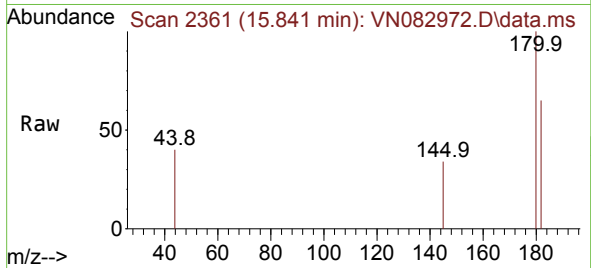
129 0.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.900 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082972.D
 Acq: 18 Jul 2024 13:02

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 760
 Ion Ratio Lower Upper
 180 100
 182 102.9 48.9 146.8
 145 7.6 16.8 50.4#

