

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061324\
 Data File : VN082548.D
 Acq On : 13 Jun 2024 10:31
 Operator : JC\MD
 Sample : VN0613MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBL01

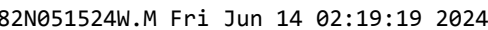
Quant Time: Jun 14 02:19:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

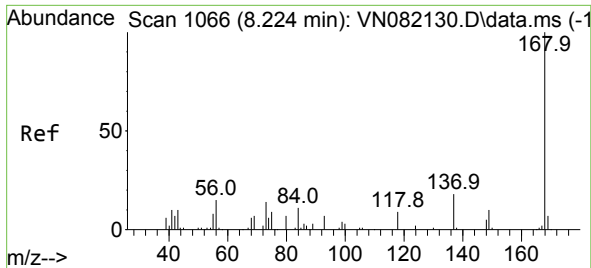
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	177149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	328203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	326940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	137946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154003	55.056	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.120%			
35) Dibromofluoromethane	8.165	113	111216	55.086	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.180%			
50) Toluene-d8	10.571	98	423755	54.745	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.500%			
62) 4-Bromofluorobenzene	12.853	95	145682	52.730	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.460%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	695	0.240	ug/l #	76
5) Bromomethane	2.983	94	1016	0.650	ug/l	84
10) Methyl Iodide	4.594	142	604	0.289	ug/l #	86
13) Acrolein	4.189	56	109	0.328	ug/l	89
15) Acrylonitrile	5.718	53	240	0.206	ug/l #	32
17) Carbon Disulfide	4.712	76	3145	0.503	ug/l #	74
20) Methylene Chloride	5.283	84	919	0.397	ug/l #	82
31) Cyclohexane	8.224	56	5167	1.157	ug/l #	45
36) 1,1-Dichloropropene	8.224	75	16428	4.852	ug/l #	48
38) Carbon Tetrachloride	8.229	117	19007	5.537	ug/l #	17
43) Isopropyl Acetate	8.718	43	2298	0.342	ug/l #	52
71) Bromoform	12.576	173	197	0.804	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	82908	28.555	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	82908	66.789	ug/l #	12
89) n-Butylbenzene	14.059	91	1737	0.221	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	1070	0.426	ug/l	80
94) Hexachlorobutadiene	15.500	225	832	0.755	ug/l	94
95) Naphthalene	15.647	128	3646	0.463	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.835	180	1454	0.579	ug/l	90

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

Quant Time: Jun 14 02:19:04 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

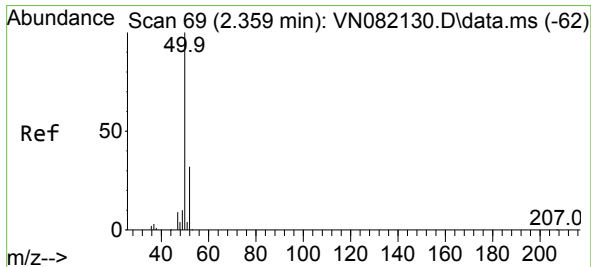
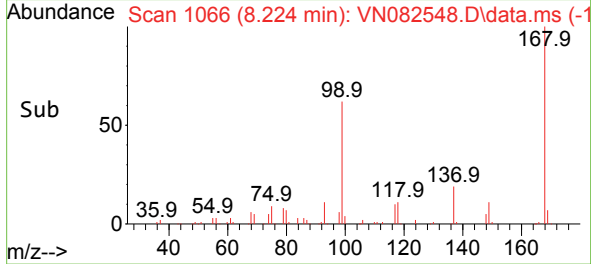
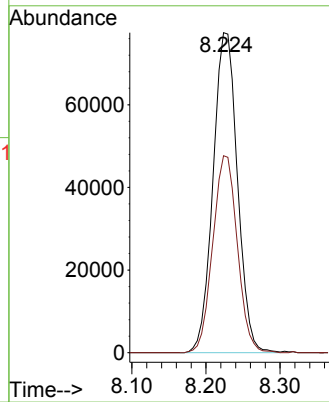
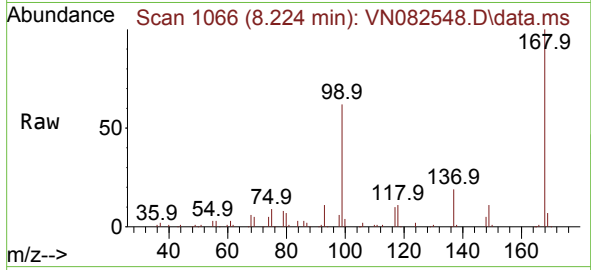




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN082548.D
Acq: 13 Jun 2024 10:31

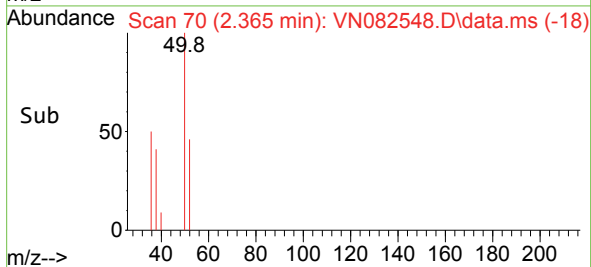
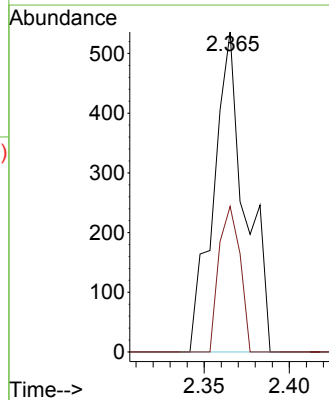
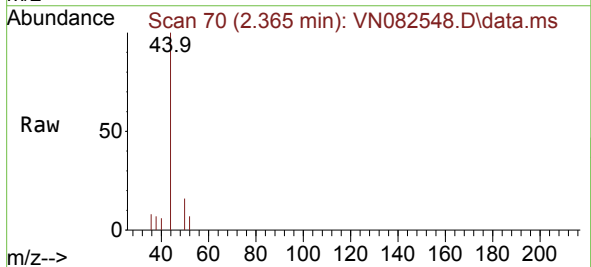
Instrument :
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VN0613MBL01

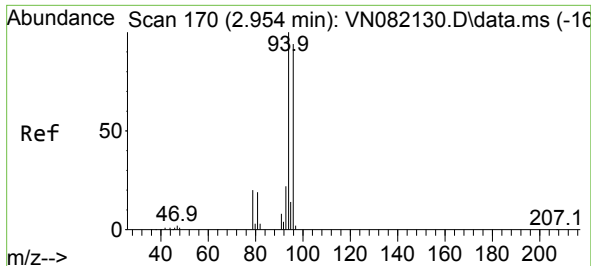
Tgt Ion:168 Resp: 177149
Ion Ratio Lower Upper
168 100
99 61.5 48.2 72.4



#3
Chloromethane
Concen: 0.240 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082548.D
Acq: 13 Jun 2024 10:31

Tgt Ion: 50 Resp: 695
Ion Ratio Lower Upper
50 100
52 45.5 25.5 38.3#

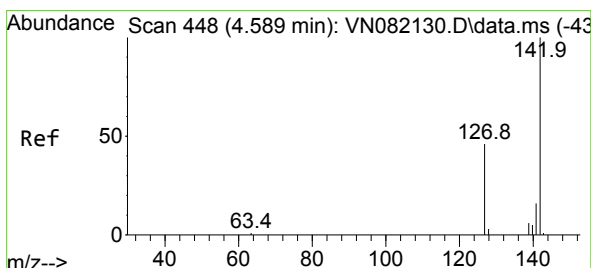
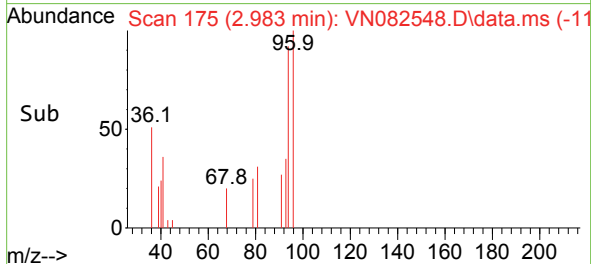
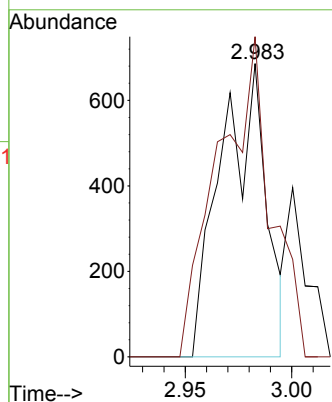
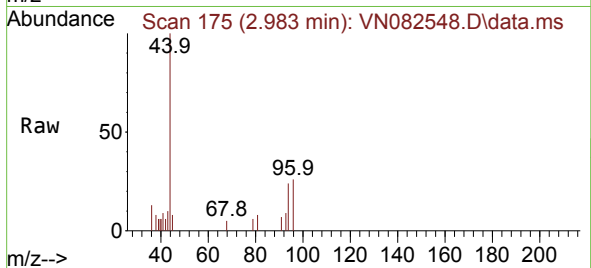




#5
Bromomethane
Concen: 0.650 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN082548.D
Acq: 13 Jun 2024 10:31

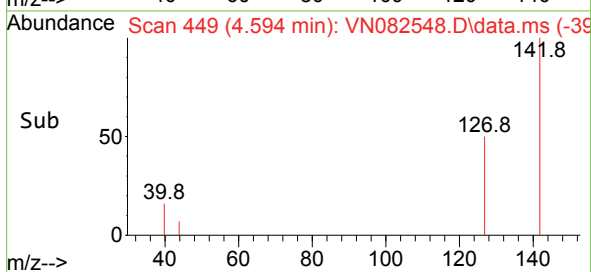
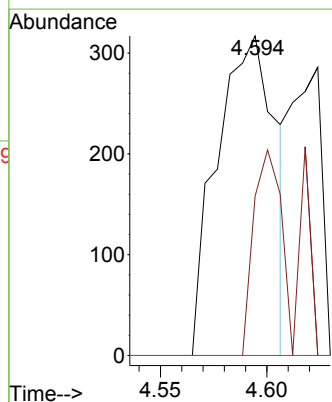
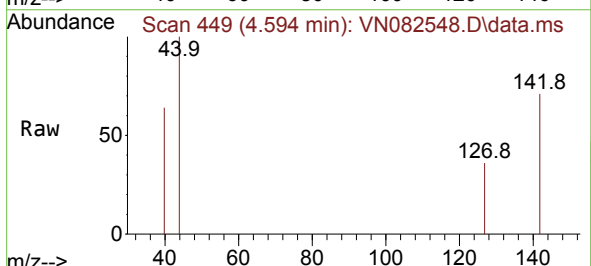
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBL01

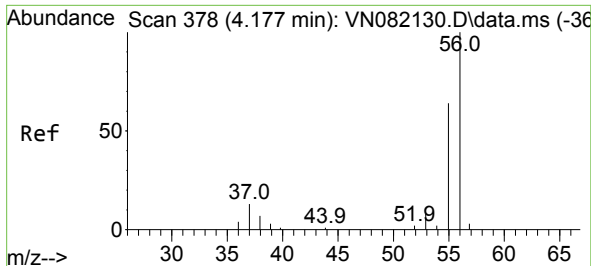
Tgt Ion: 94 Resp: 1016
Ion Ratio Lower Upper
94 100
96 109.2 74.8 112.2



#10
Methyl Iodide
Concen: 0.289 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN082548.D
Acq: 13 Jun 2024 10:31

Tgt Ion:142 Resp: 604
Ion Ratio Lower Upper
142 100
127 49.8 35.8 53.6
141 0.0 11.4 17.2#

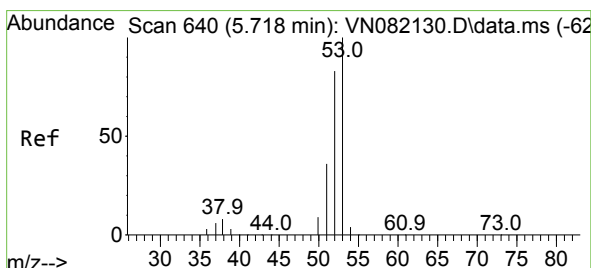
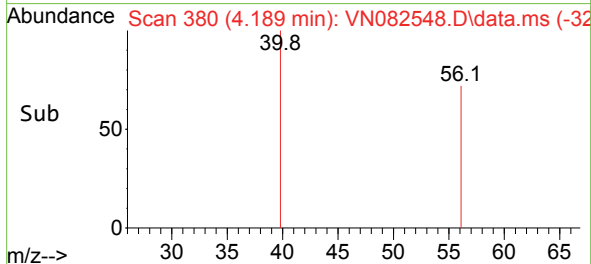
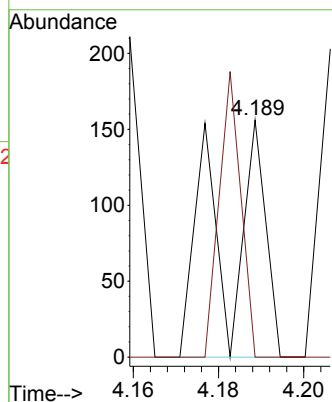
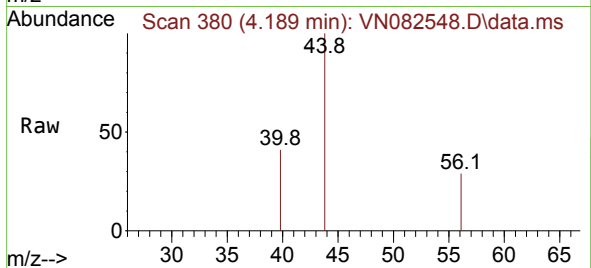




#13
Acrolein
Concen: 0.328 ug/l
RT: 4.189 min Scan# 378
Delta R.T. 0.012 min
Lab File: VN082548.D
Acq: 13 Jun 2024 10:31

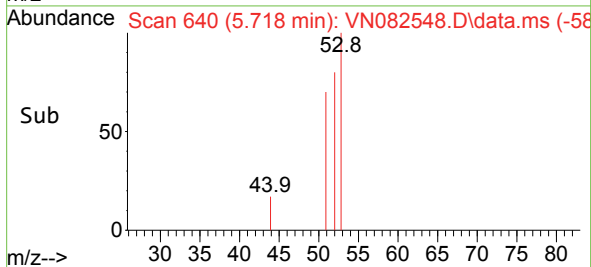
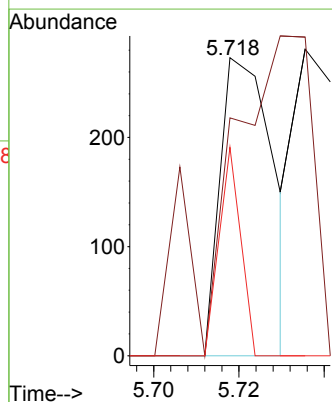
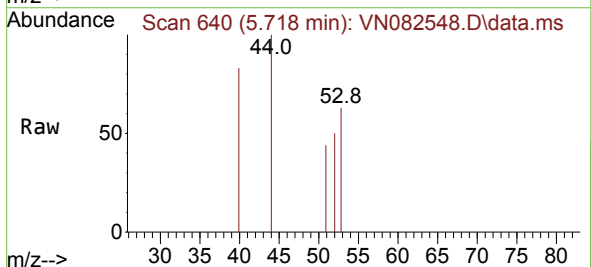
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBL01

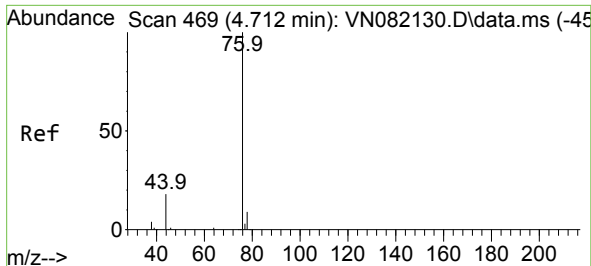
Tgt Ion: 56 Resp: 109
Ion Ratio Lower Upper
56 100
55 60.6 55.8 83.8



#15
Acrylonitrile
Concen: 0.206 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082548.D
Acq: 13 Jun 2024 10:31

Tgt Ion: 53 Resp: 240
Ion Ratio Lower Upper
53 100
52 0.0 66.1 99.1#
51 27.9 29.4 44.2#

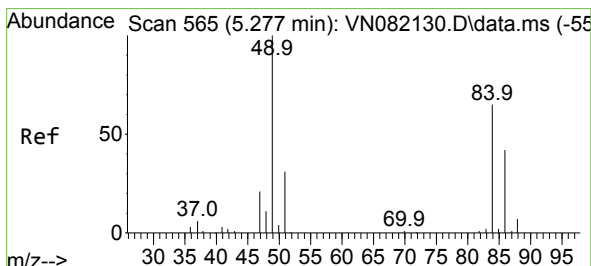
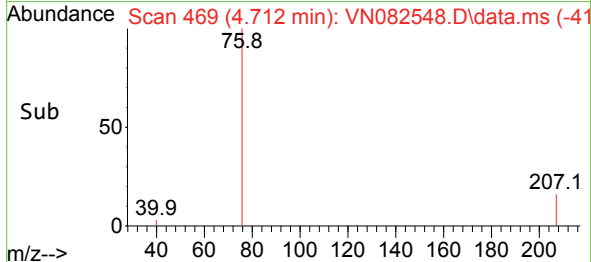
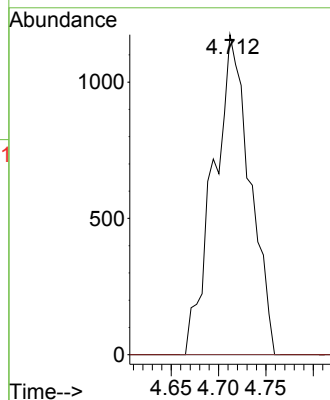
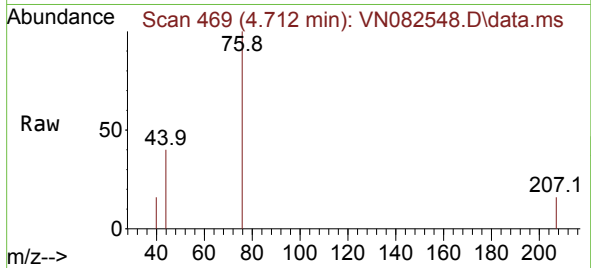




#17
Carbon Disulfide
Concen: 0.503 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082548.D
Acq: 13 Jun 2024 10:31

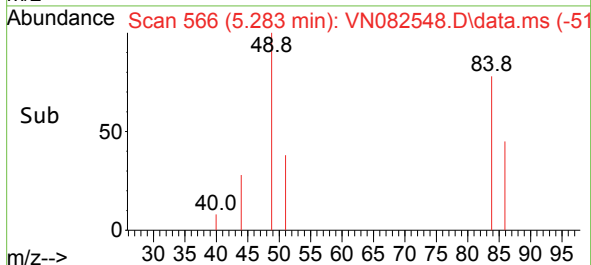
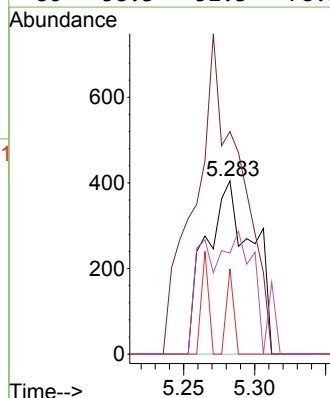
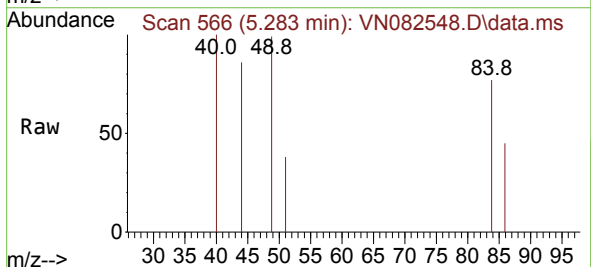
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBL01

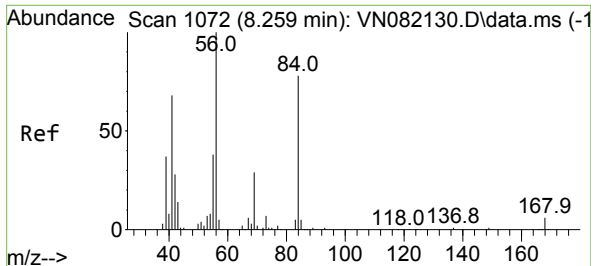
Tgt Ion: 76 Resp: 3145
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: 0.397 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082548.D
Acq: 13 Jun 2024 10:31

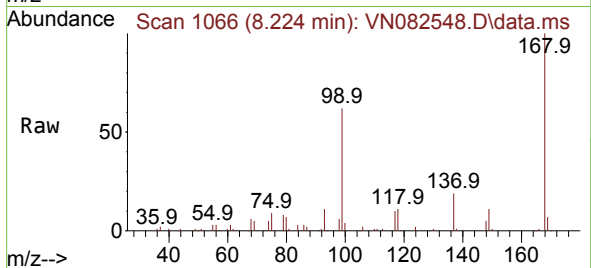
Tgt Ion: 84 Resp: 919
Ion Ratio Lower Upper
84 100
49 128.4 84.9 127.3#
51 49.1 27.0 40.6#
86 58.3 52.3 78.5



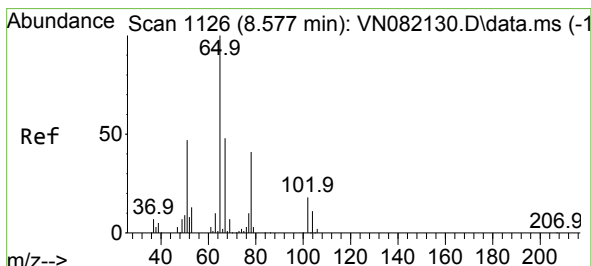
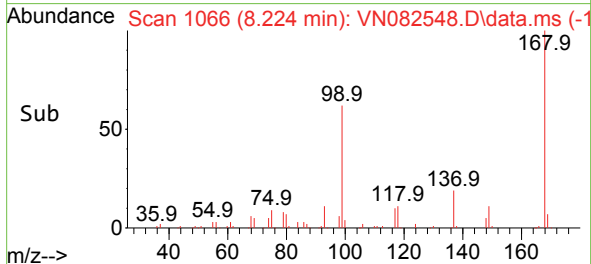
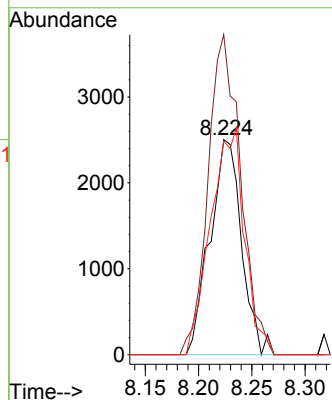


#31
Cyclohexane
Concen: 1.157 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082548.D
Acq: 13 Jun 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBL01

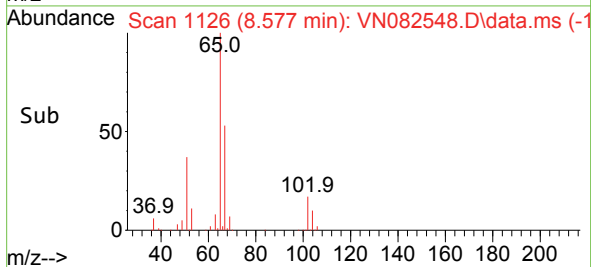
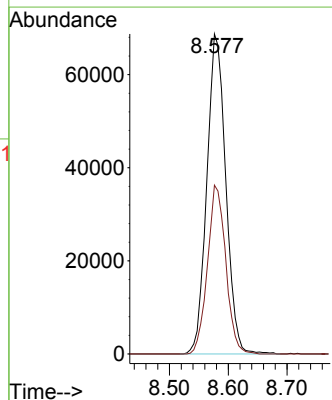
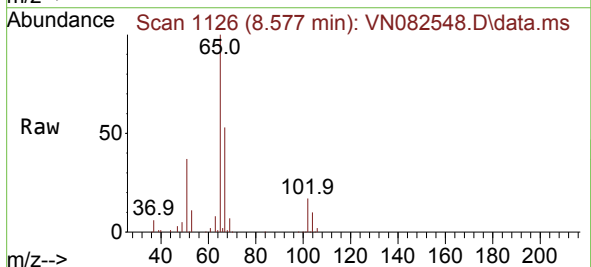


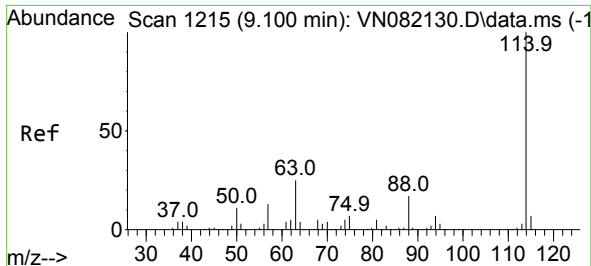
Tgt Ion: 56 Resp: 5167
Ion Ratio Lower Upper
56 100
69 148.8 24.4 36.6#
84 99.3 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 55.056 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082548.D
Acq: 13 Jun 2024 10:31

Tgt Ion: 65 Resp: 154003
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082548.D

Acq: 13 Jun 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBL01

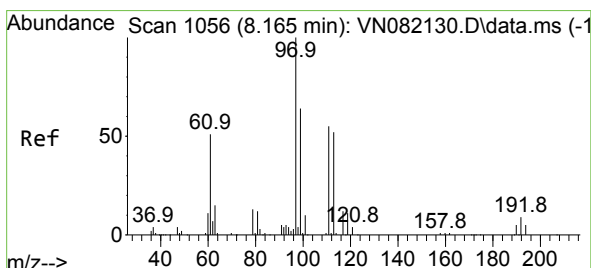
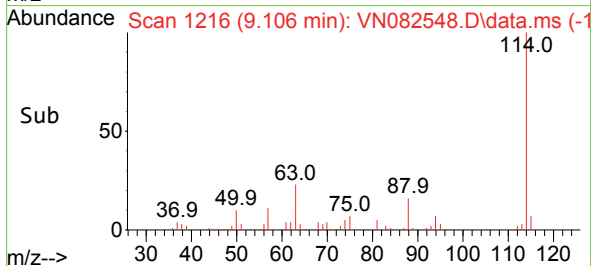
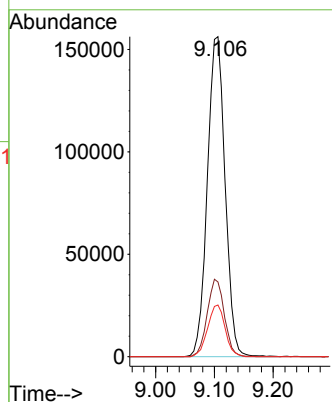
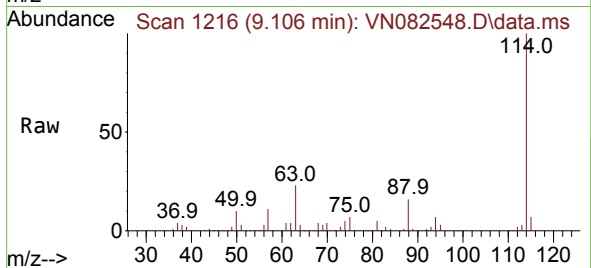
Tgt Ion:114 Resp: 328203

Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.0

88 16.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 55.086 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082548.D

Acq: 13 Jun 2024 10:31

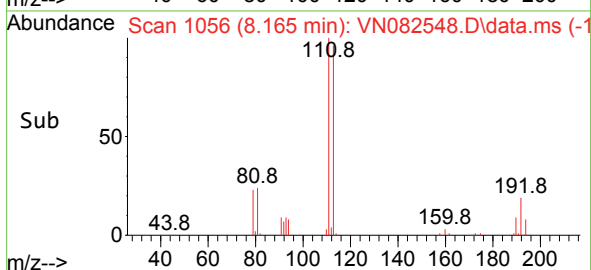
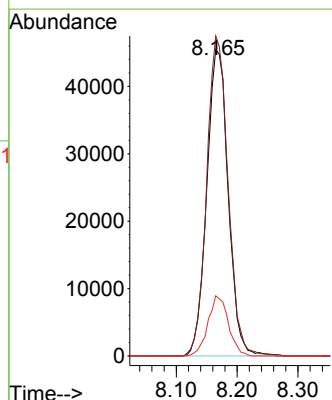
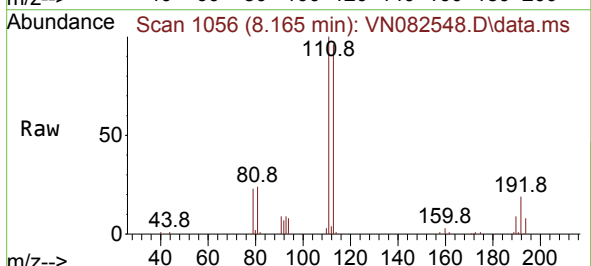
Tgt Ion:113 Resp: 111216

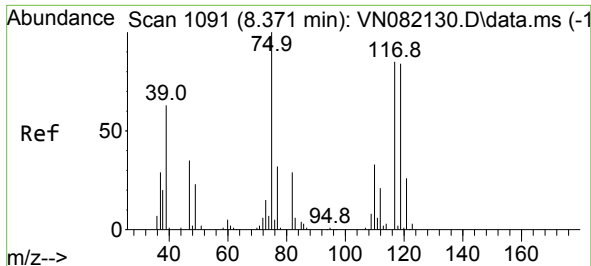
Ion Ratio Lower Upper

113 100

111 104.3 83.4 125.2

192 18.7 14.0 21.0





#36

1,1-Dichloropropene

Concen: 4.852 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082548.D

Acq: 13 Jun 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBL01

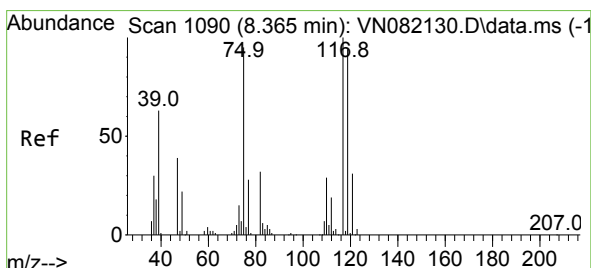
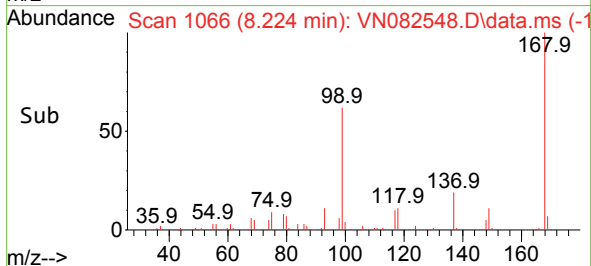
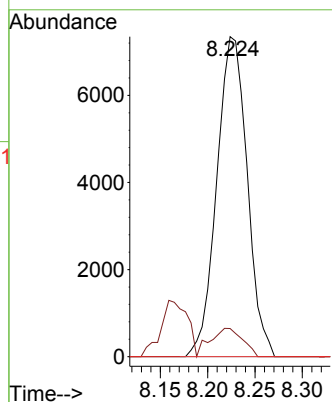
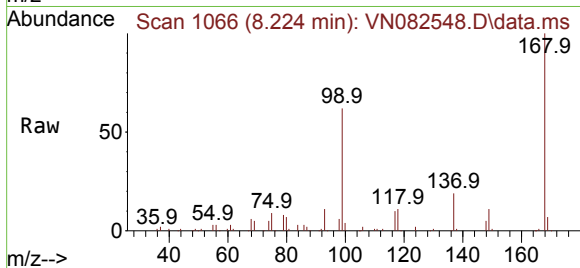
Tgt Ion: 75 Resp: 16428

Ion Ratio Lower Upper

75 100

110 7.9 17.8 53.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.537 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN082548.D

Acq: 13 Jun 2024 10:31

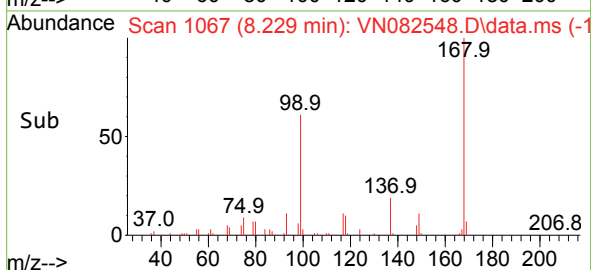
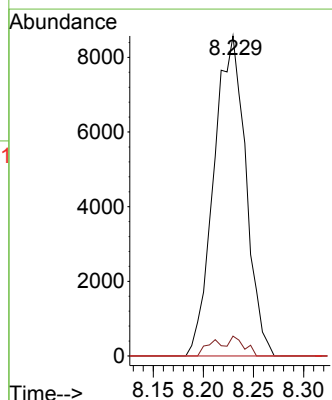
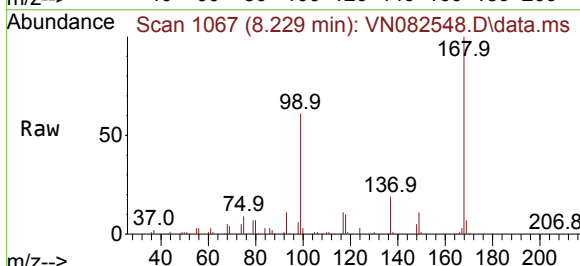
Tgt Ion: 117 Resp: 19007

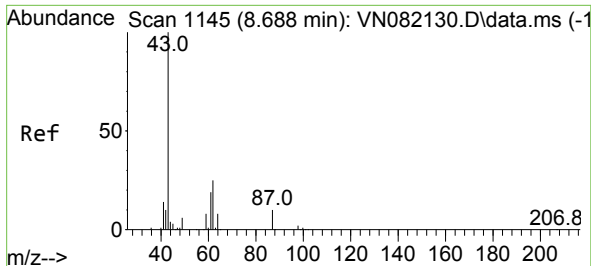
Ion Ratio Lower Upper

117 100

119 6.2 76.5 114.7#

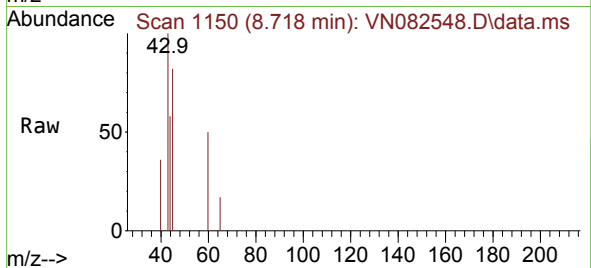
121 0.0 23.9 35.9#



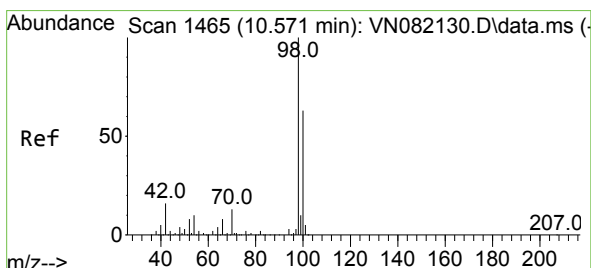
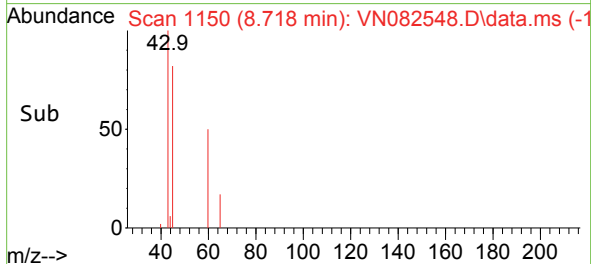
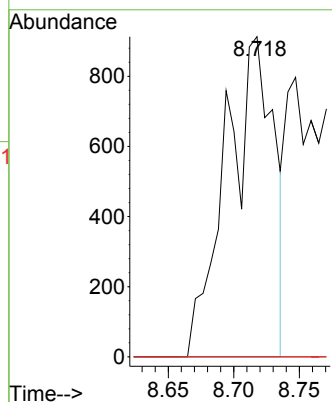


#43
Isopropyl Acetate
Concen: 0.342 ug/l
RT: 8.718 min Scan# 1150
Delta R.T. 0.029 min
Lab File: VN082548.D
Acq: 13 Jun 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VN0613MBL01

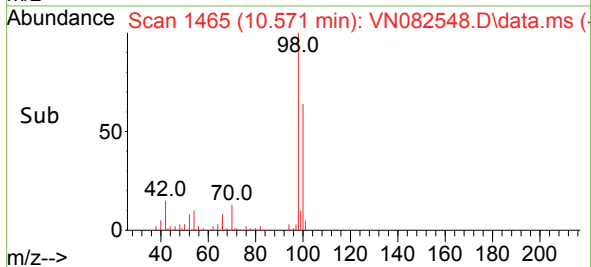
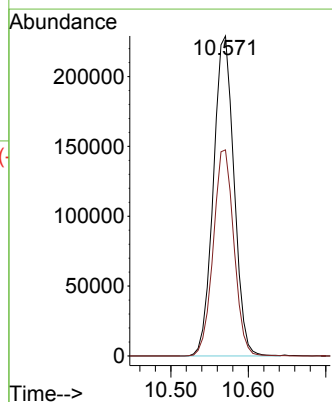
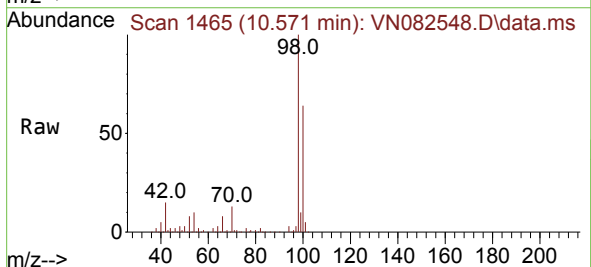


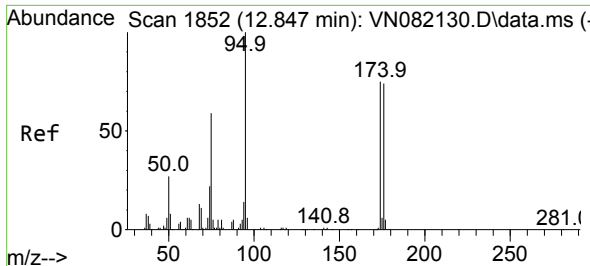
Tgt Ion: 43 Resp: 2298
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 54.745 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082548.D
Acq: 13 Jun 2024 10:31

Tgt Ion: 98 Resp: 423755
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

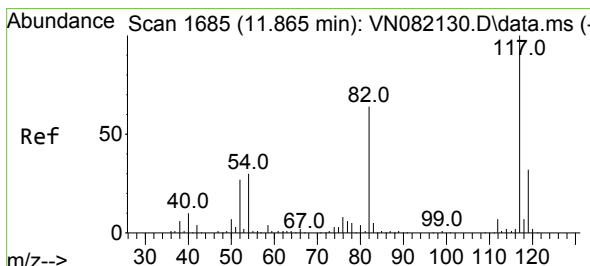
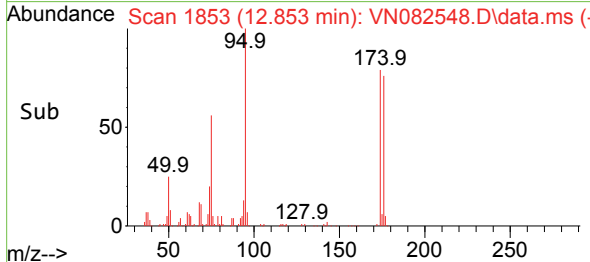
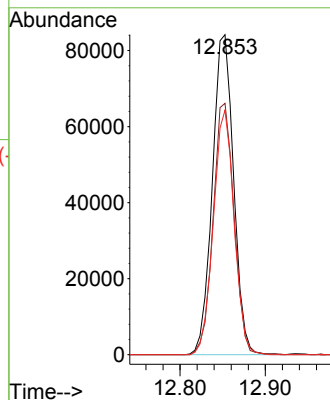
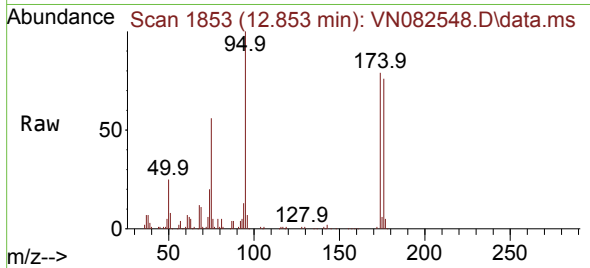




#62
4-Bromofluorobenzene
Concen: 52.730 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082548.D
Acq: 13 Jun 2024 10:31

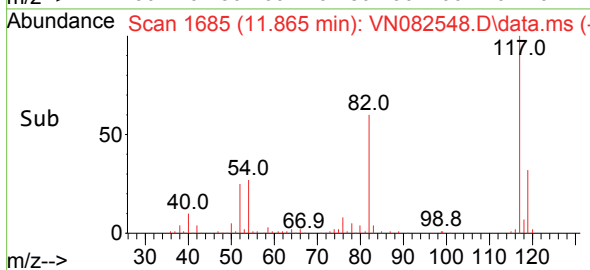
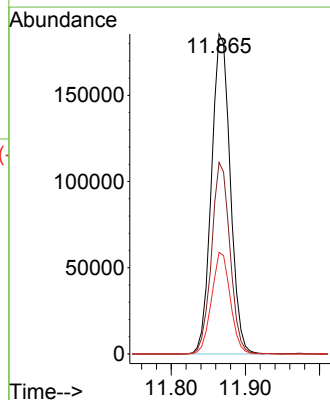
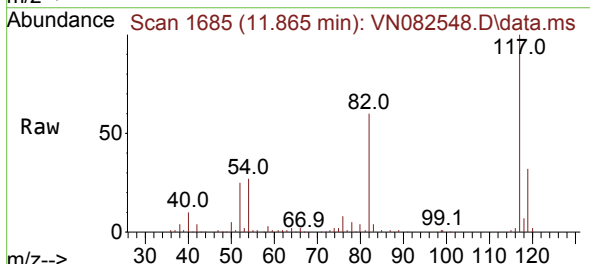
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBL01

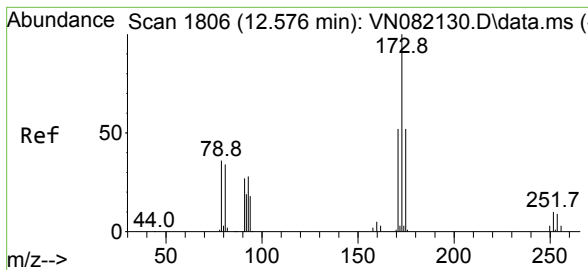
Tgt Ion: 95 Resp: 145682
Ion Ratio Lower Upper
95 100
174 77.5 0.0 160.6
176 74.4 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082548.D
Acq: 13 Jun 2024 10:31

Tgt Ion: 117 Resp: 326940
Ion Ratio Lower Upper
117 100
82 59.8 44.6 66.8
119 31.7 25.9 38.9

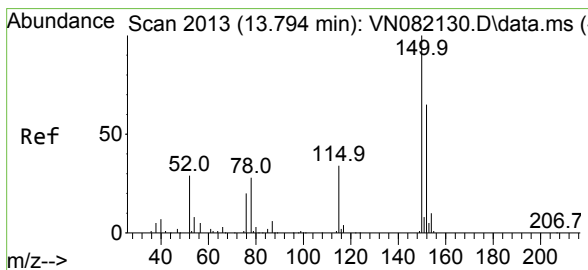
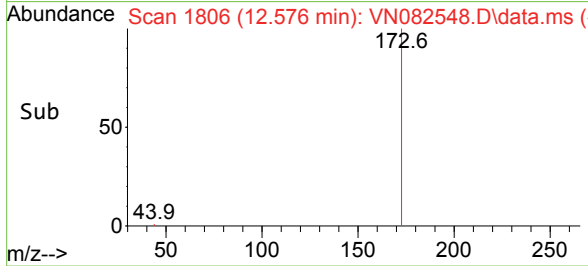
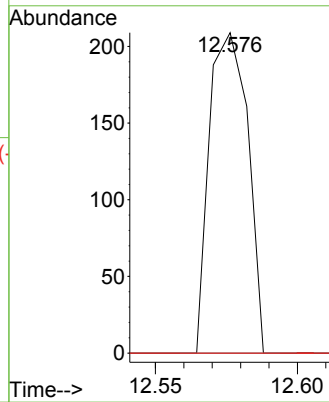
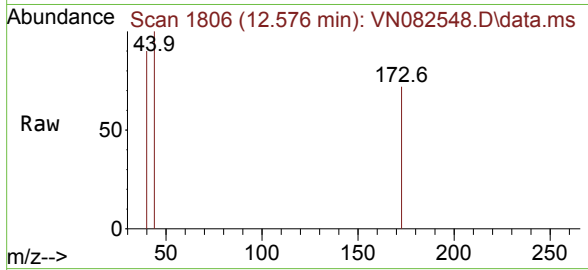




#71
 Bromoform
 Concen: 0.804 ug/l
 RT: 12.576 min Scan# 1806
 Delta R.T. 0.000 min
 Lab File: VN082548.D
 Acq: 13 Jun 2024 10:31

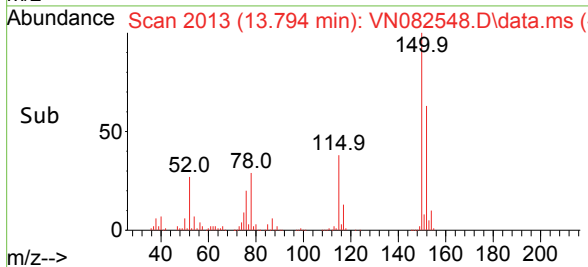
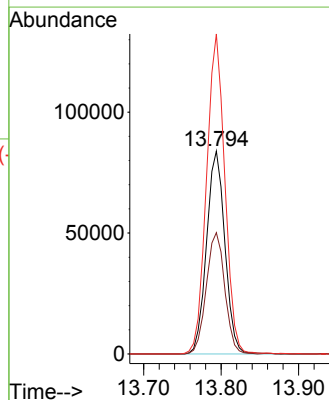
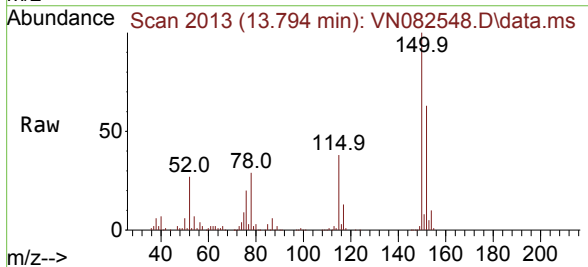
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBL01

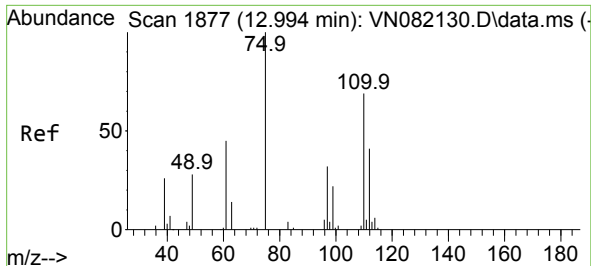
Tgt Ion:	173	Resp:	197
Ion Ratio	Lower	Upper	
173	100		
175	0.0	24.6	74.0#
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN082548.D
 Acq: 13 Jun 2024 10:31

Tgt Ion:	152	Resp:	137946
Ion Ratio	Lower	Upper	
152	100		
115	60.2	30.4	91.3
150	157.2	0.0	353.2

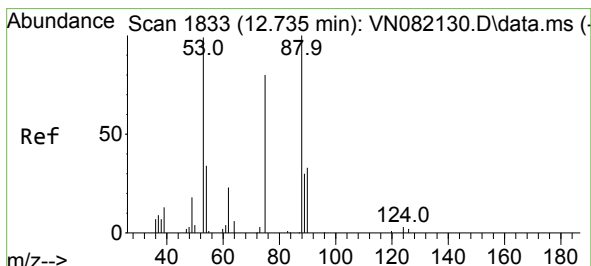
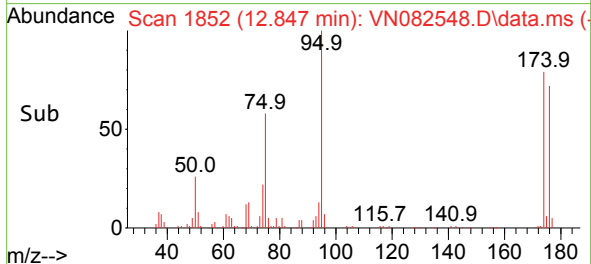
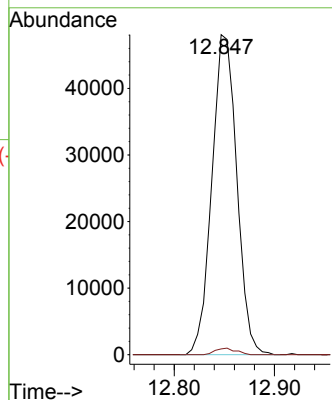
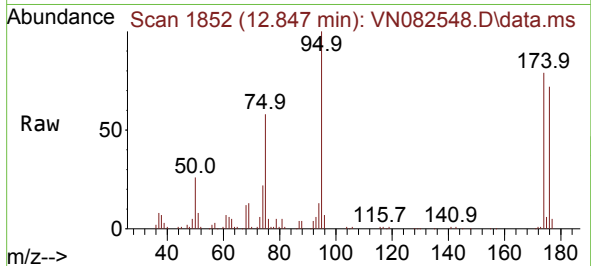




#76
1,2,3-Trichloropropane
Concen: 28.555 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082548.D
Acq: 13 Jun 2024 10:31

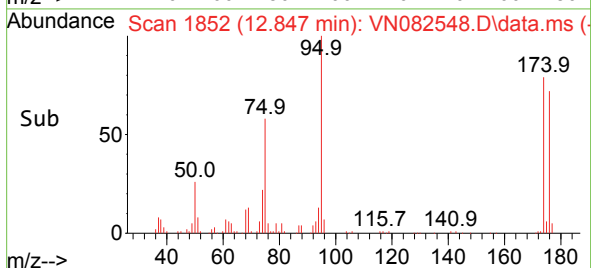
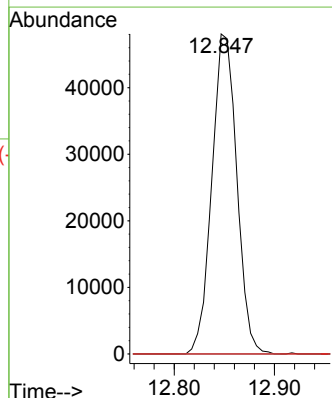
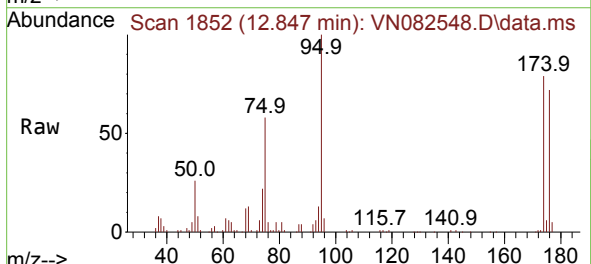
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBL01

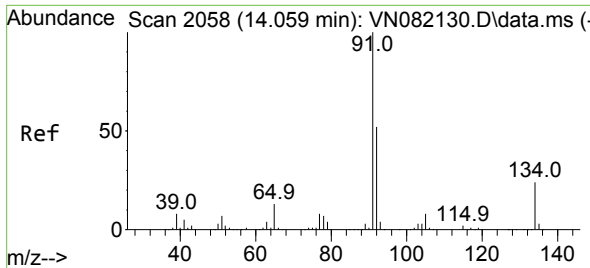
Tgt Ion: 75 Resp: 82908
Ion Ratio Lower Upper
75 100
77 1.7 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.789 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082548.D
Acq: 13 Jun 2024 10:31

Tgt Ion: 75 Resp: 82908
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

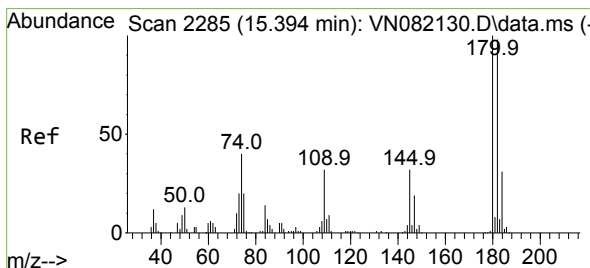
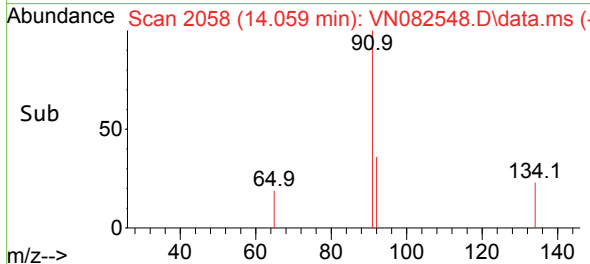
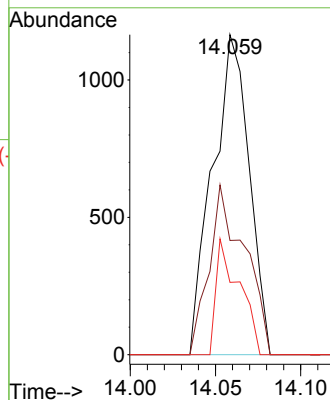
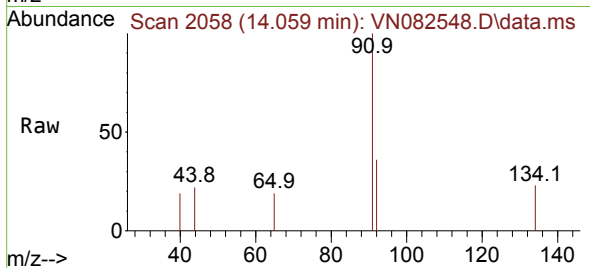




#89
n-Butylbenzene
Concen: 0.221 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082548.D
Acq: 13 Jun 2024 10:31

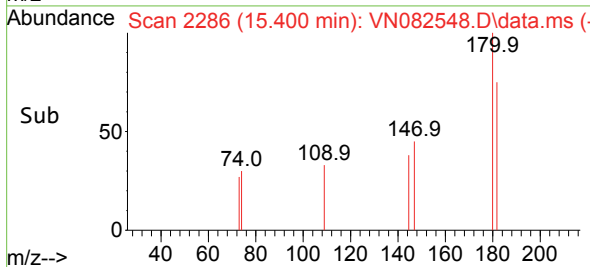
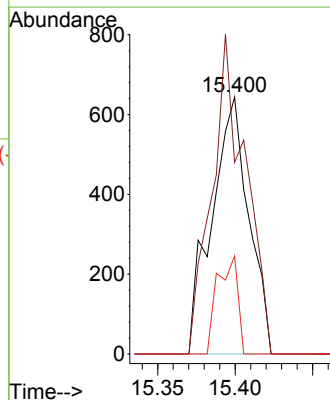
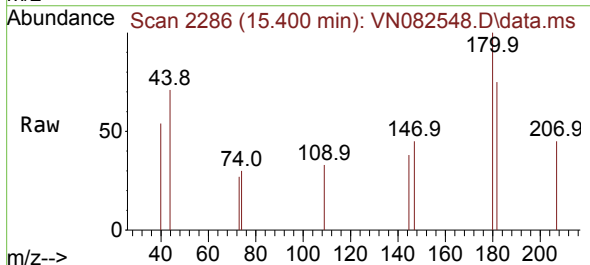
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBL01

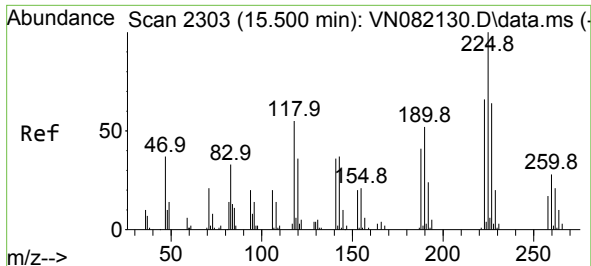
Tgt Ion: 91	Resp:	1737	
Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.2	78.5
134	23.0	13.2	39.5



#93
1,2,4-Trichlorobenzene
Concen: 0.426 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VN082548.D
Acq: 13 Jun 2024 10:31

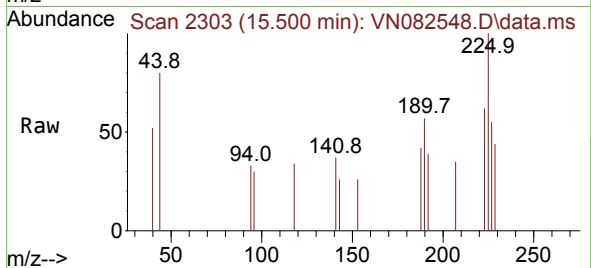
Tgt Ion:180	Resp:	1070	
Ion	Ratio	Lower	Upper
180	100		
182	112.8	46.7	140.0
145	20.8	16.2	48.6



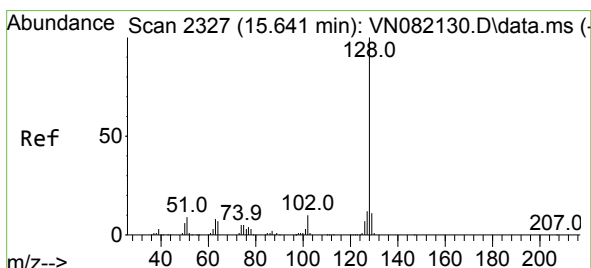
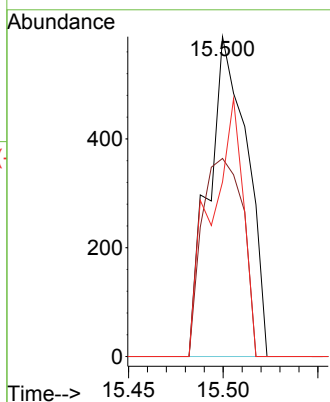
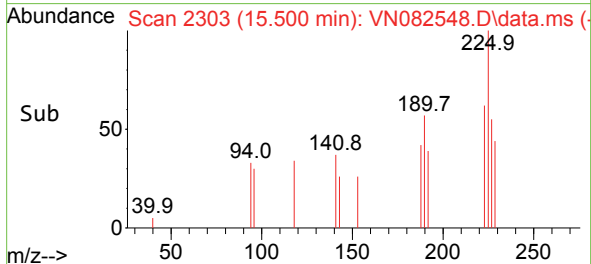


#94
Hexachlorobutadiene
Concen: 0.755 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082548.D
Acq: 13 Jun 2024 10:31

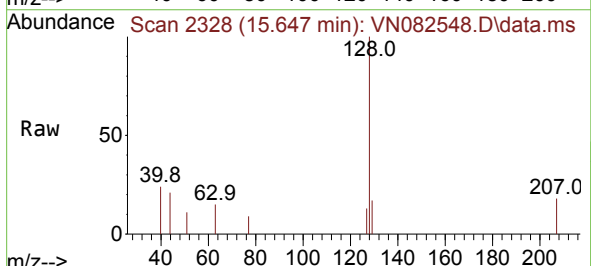
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBL01



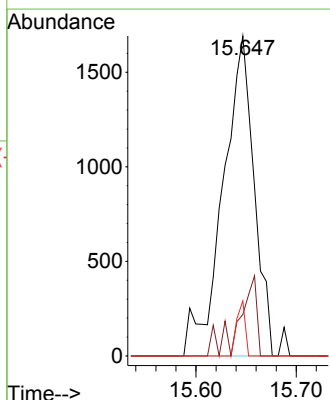
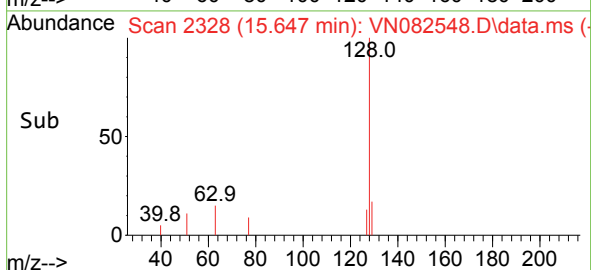
Tgt Ion:225 Resp: 832
Ion Ratio Lower Upper
225 100
223 65.7 31.1 93.2
227 67.3 30.6 91.6

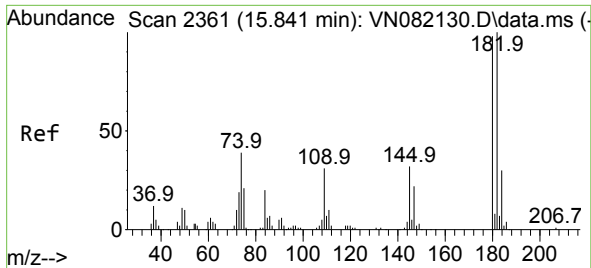


#95
Naphthalene
Concen: 0.463 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN082548.D
Acq: 13 Jun 2024 10:31



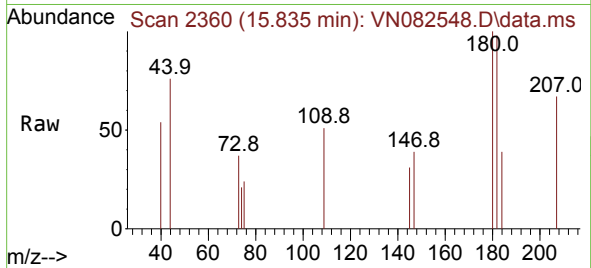
Tgt Ion:128 Resp: 3646
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 4.7 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.579 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN082548.D
 Acq: 13 Jun 2024 10:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBL01



Tgt Ion:	180	Resp:	1454
Ion	Ratio	Lower	Upper
180	100		
182	89.8	46.0	137.8
145	17.3	17.1	51.3

