

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082480.D
 Acq On : 07 Jun 2024 10:00
 Operator : JC\MD
 Sample : VN0607MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 08 00:53:04 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)

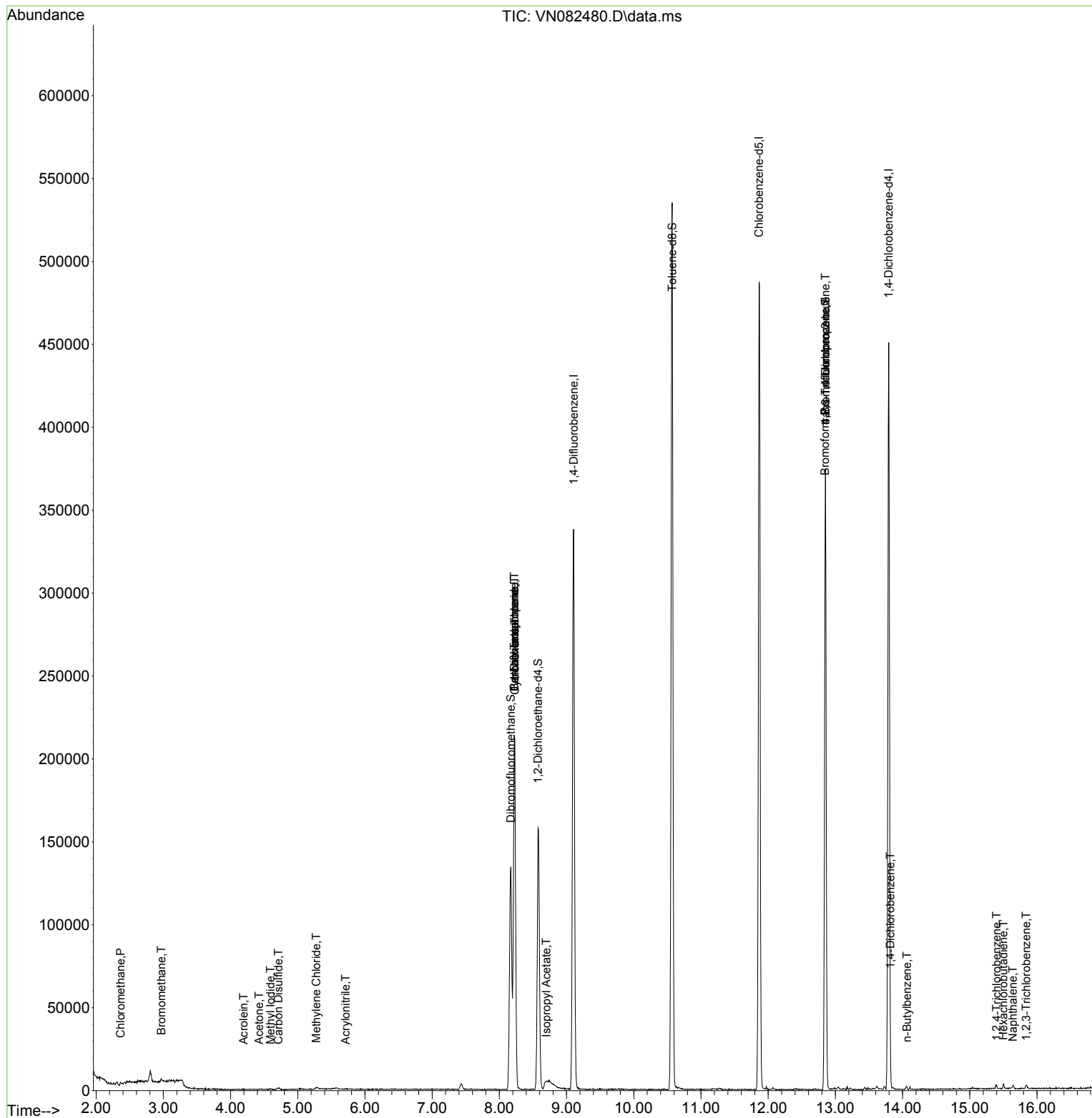
Internal Standards						
1) Pentafluorobenzene	8.224	168	148457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	270332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	262783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130793	55.795	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.580%			
35) Dibromofluoromethane	8.171	113	94440	56.790	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.580%			
50) Toluene-d8	10.571	98	354777	55.646	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.300%			
62) 4-Bromofluorobenzene	12.853	95	117973	51.842	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 103.680%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	698	0.288	ug/l #	56
5) Bromomethane	2.971	94	862	0.658	ug/l	96
10) Methyl Iodide	4.595	142	780	0.445	ug/l #	40
13) Acrolein	4.195	56	267	0.958	ug/l #	67
15) Acrylonitrile	5.712	53	330	0.339	ug/l #	63
16) Acetone	4.424	43	229	0.238	ug/l #	43
17) Carbon Disulfide	4.712	76	2228	0.425	ug/l #	74
20) Methylene Chloride	5.277	84	713	0.367	ug/l #	81
31) Cyclohexane	8.230	56	4606	1.230	ug/l #	31
36) 1,1-Dichloropropene	8.224	75	13978	5.012	ug/l #	48
38) Carbon Tetrachloride	8.224	117	15817	5.594	ug/l #	16
43) Isopropyl Acetate	8.700	43	4667	0.844	ug/l #	52
71) Bromoform	12.847	173	488	1.017	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	68096	28.630	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	68096	66.964	ug/l #	13
88) 1,4-Dichlorobenzene	13.818	146	917	0.232	ug/l #	62
89) n-Butylbenzene	14.065	91	1611	0.251	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	856	0.416	ug/l #	82
94) Hexachlorobutadiene	15.500	225	952	1.055	ug/l	65
95) Naphthalene	15.641	128	3066	0.476	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.841	180	1293	0.628	ug/l #	58

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

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Operator : JC\MD
Sample : VN0607MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

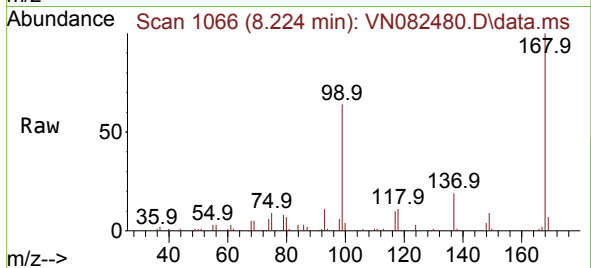
Quant Time: Jun 08 00:53:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
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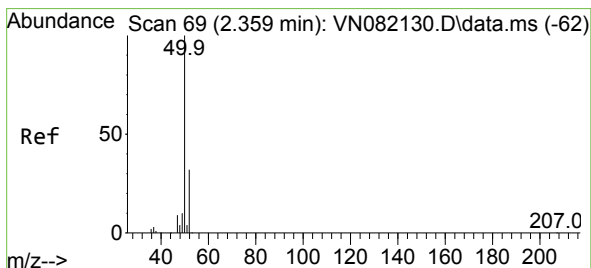
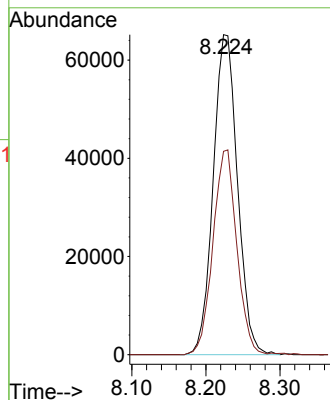
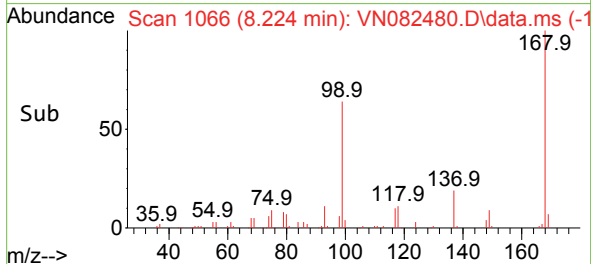


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082480.D
Acq: 07 Jun 2024 10:00

Instrument :
MSVOA_N
ClientSampleId :

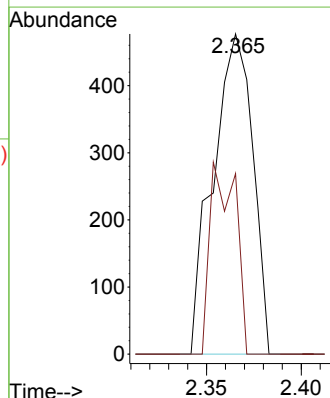
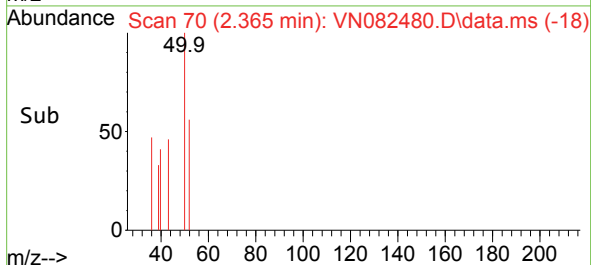
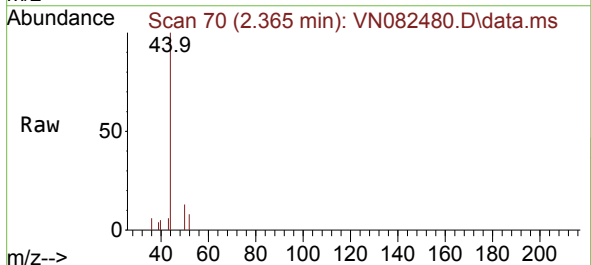


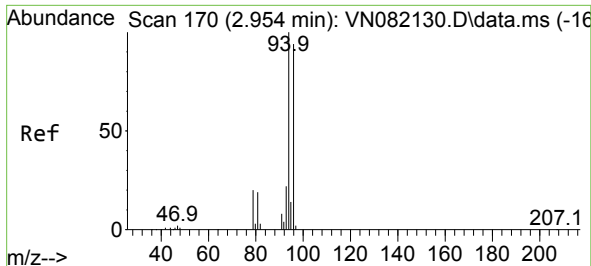
Tgt Ion:168 Resp: 148457
Ion Ratio Lower Upper
168 100
99 63.5 48.2 72.4



#3
Chloromethane
Concen: 0.288 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082480.D
Acq: 07 Jun 2024 10:00

Tgt Ion: 50 Resp: 698
Ion Ratio Lower Upper
50 100
52 56.4 25.5 38.3#

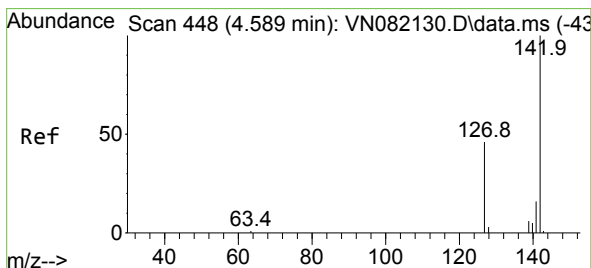
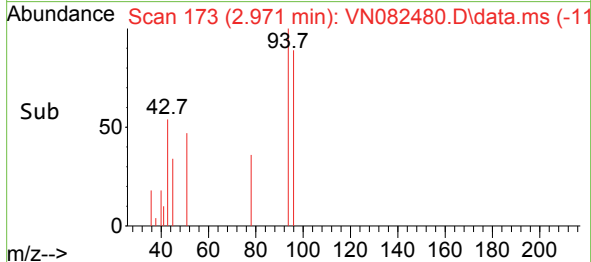
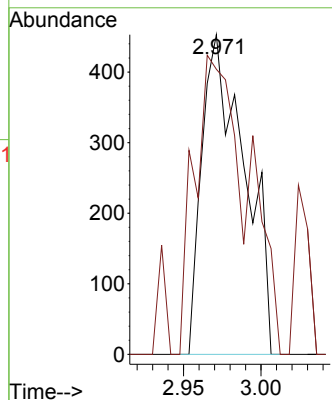
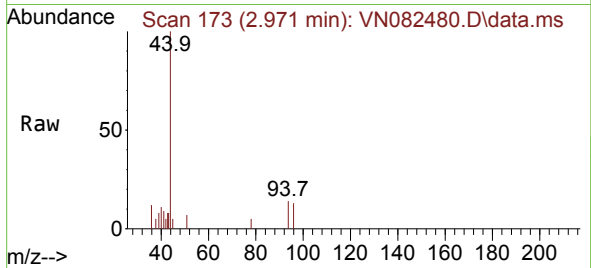




#5
Bromomethane
Concen: 0.658 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082480.D
Acq: 07 Jun 2024 10:00

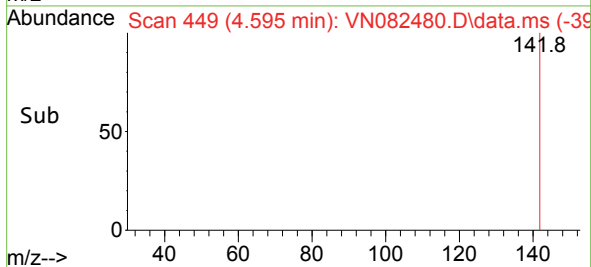
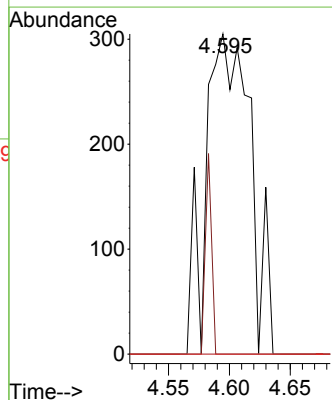
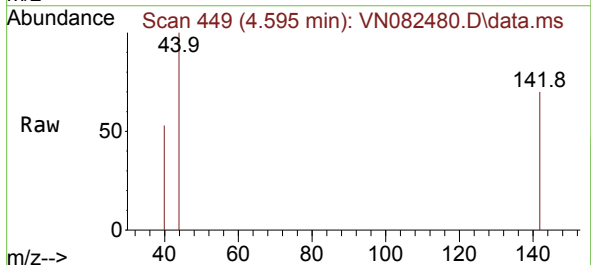
Instrument :
MSVOA_N
ClientSampleId :

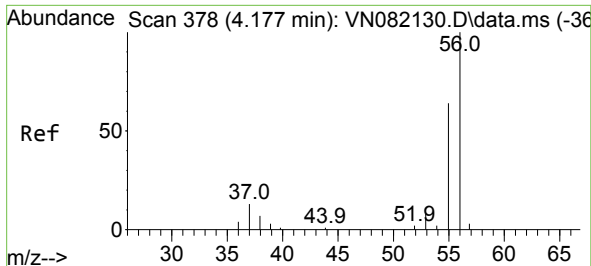
Tgt Ion: 94 Resp: 862
Ion Ratio Lower Upper
94 100
96 89.2 74.8 112.2



#10
Methyl Iodide
Concen: 0.445 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN082480.D
Acq: 07 Jun 2024 10:00

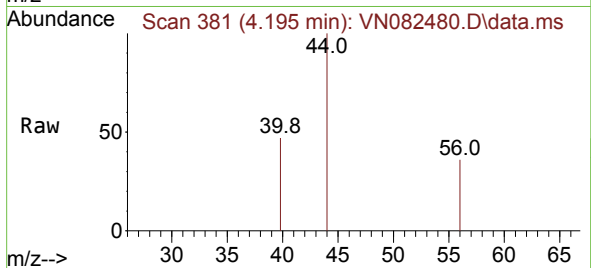
Tgt Ion: 142 Resp: 780
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.6#
141 0.0 11.4 17.2#



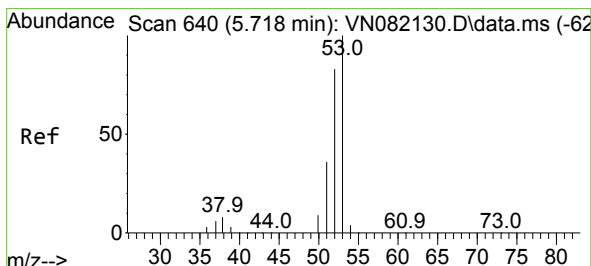
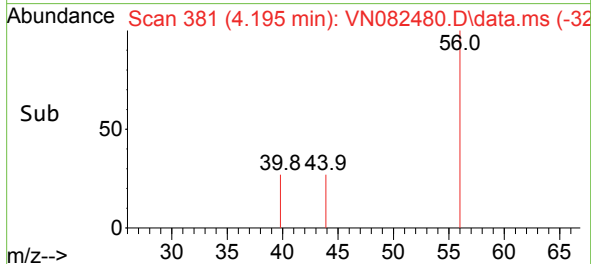
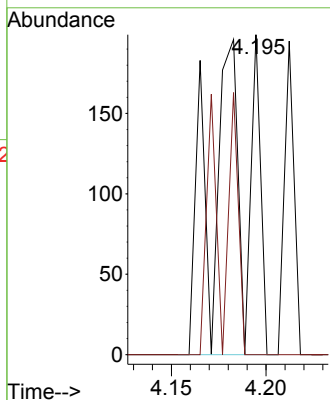


#13
Acrolein
Concen: 0.958 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN082480.D
Acq: 07 Jun 2024 10:00

Instrument :
MSVOA_N
ClientSampleId :

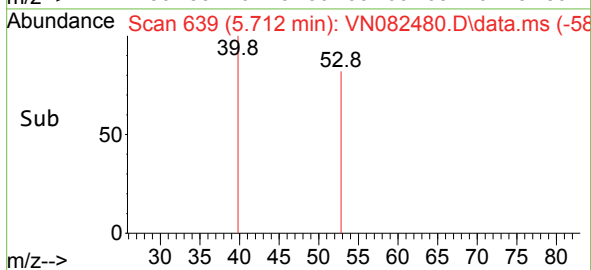
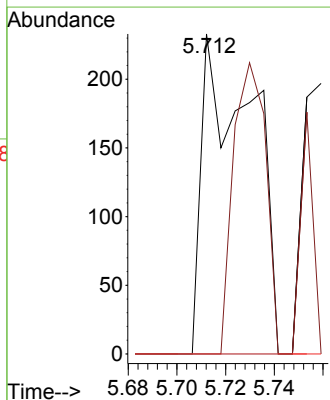
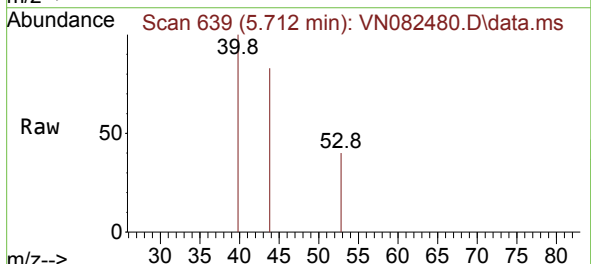


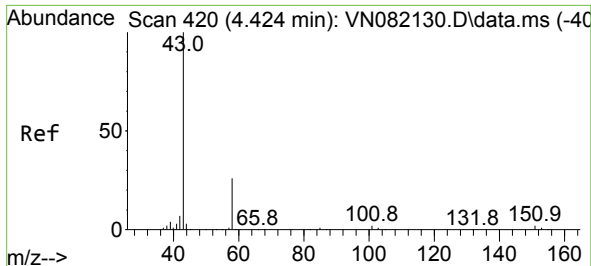
Tgt Ion: 56 Resp: 267
Ion Ratio Lower Upper
56 100
55 43.1 55.8 83.8#



#15
Acrylonitrile
Concen: 0.339 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN082480.D
Acq: 07 Jun 2024 10:00

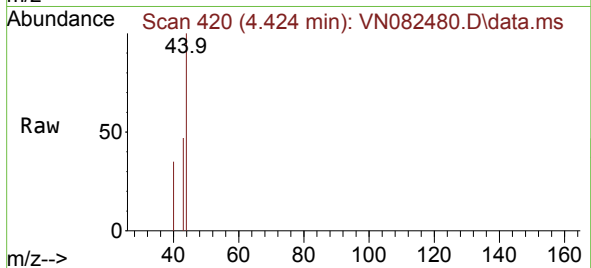
Tgt Ion: 53 Resp: 330
Ion Ratio Lower Upper
53 100
52 59.1 66.1 99.1#
51 0.0 29.4 44.2#



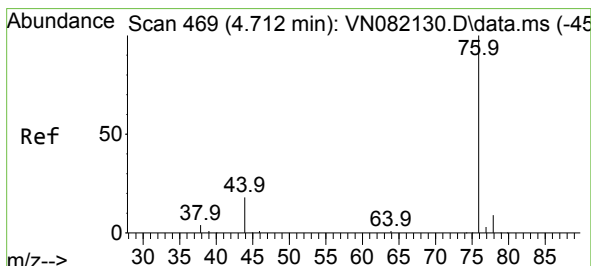
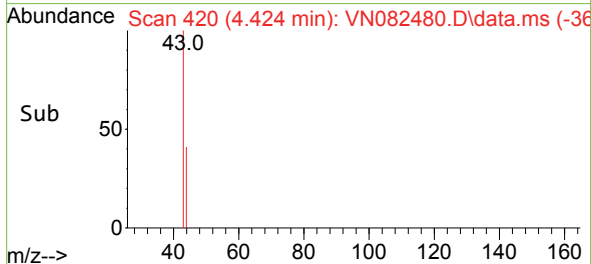
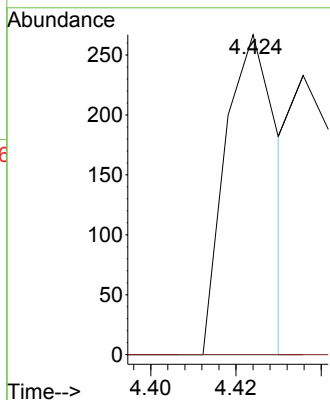


#16
Acetone
Concen: 0.238 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN082480.D
Acq: 07 Jun 2024 10:00

Instrument :
MSVOA_N
ClientSampleId :

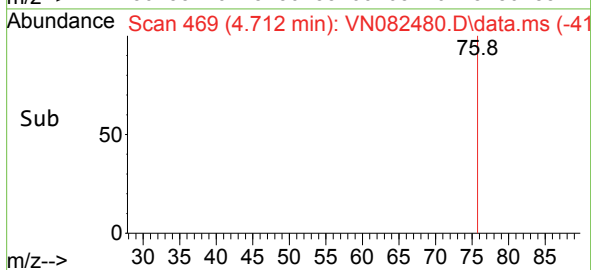
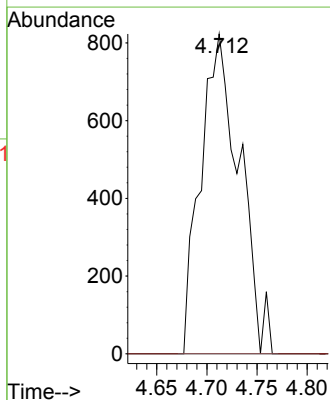
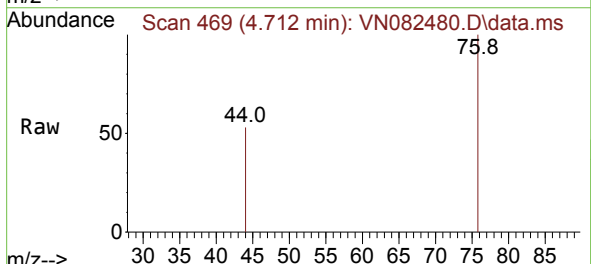


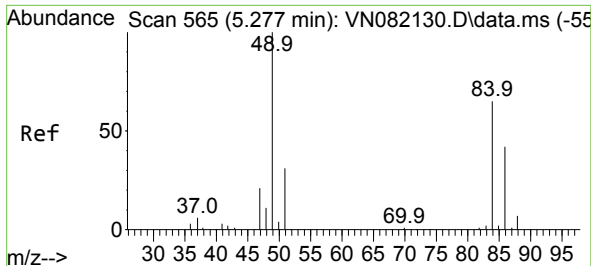
Tgt Ion: 43 Resp: 229
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#17
Carbon Disulfide
Concen: 0.425 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082480.D
Acq: 07 Jun 2024 10:00

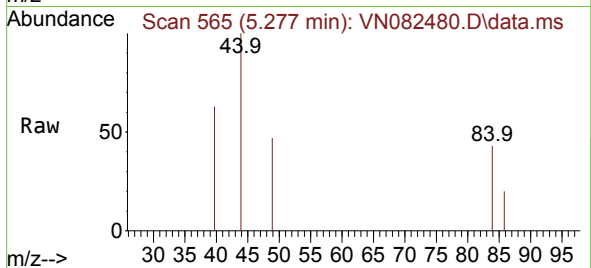
Tgt Ion: 76 Resp: 2228
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



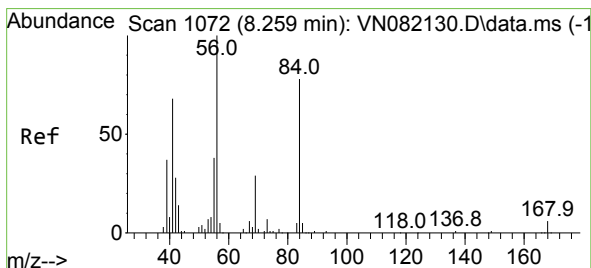
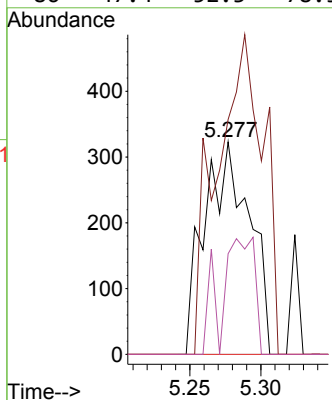


#20
Methylene Chloride
Concen: 0.367 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082480.D
Acq: 07 Jun 2024 10:00

Instrument :
MSVOA_N
ClientSampleId :

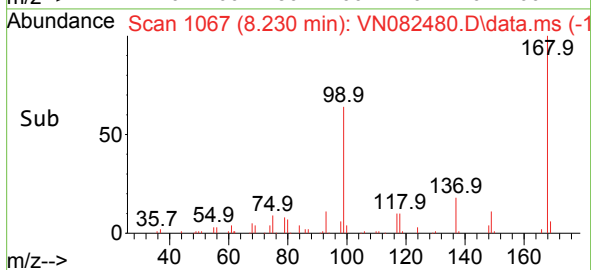
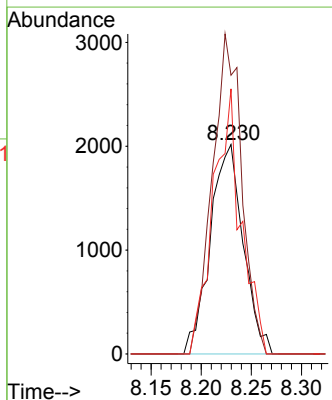
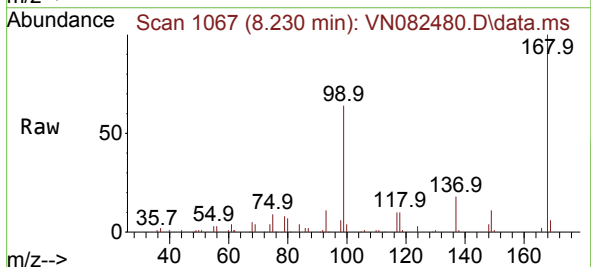


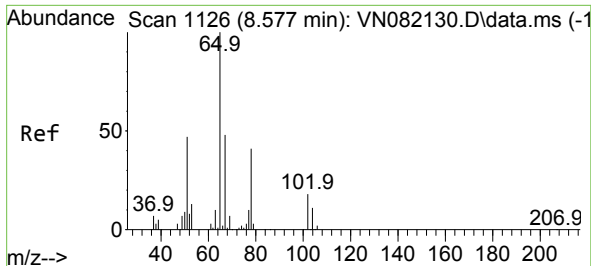
Tgt Ion:	84	Resp:	713
Ion	Ratio	Lower	Upper
84	100		
49	110.5	84.9	127.3
51	0.0	27.0	40.6#
86	47.4	52.3	78.5#



#31
Cyclohexane
Concen: 1.230 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082480.D
Acq: 07 Jun 2024 10:00

Tgt Ion:	56	Resp:	4606
Ion	Ratio	Lower	Upper
56	100		
69	133.1	24.4	36.6#
84	126.5	77.0	115.4#





#33

1,2-Dichloroethane-d4

Concen: 55.795 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN082480.D

Acq: 07 Jun 2024 10:00

Instrument :

MSVOA_N

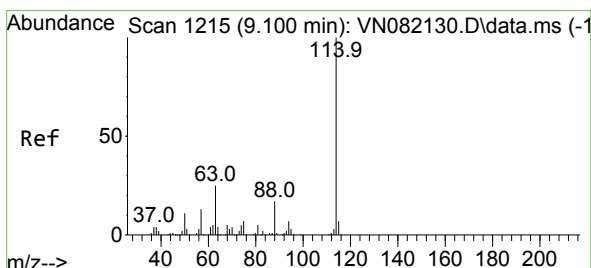
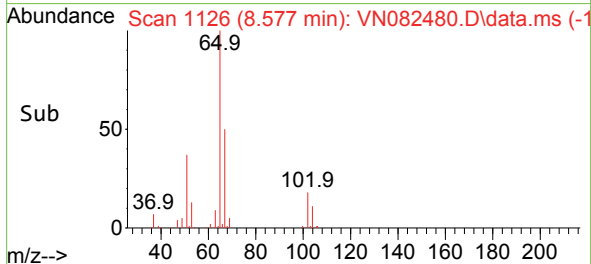
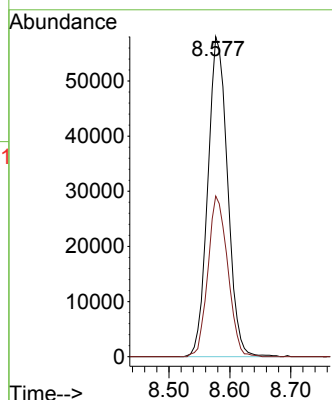
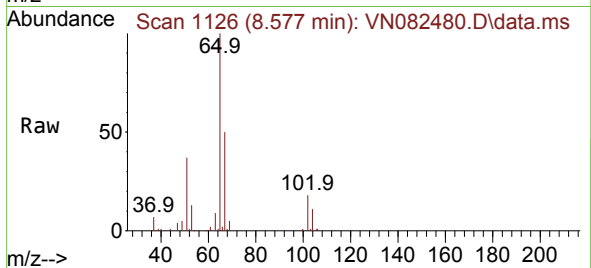
ClientSampleId :

Tgt Ion: 65 Resp: 130793

Ion Ratio Lower Upper

65 100

67 50.2 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: VN082480.D

Acq: 07 Jun 2024 10:00

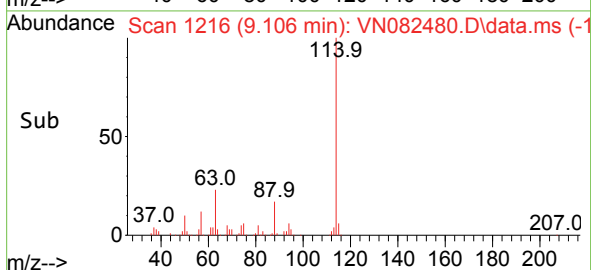
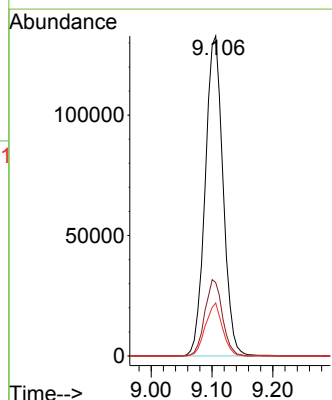
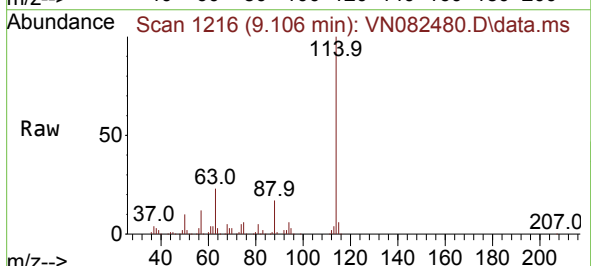
Tgt Ion: 114 Resp: 270332

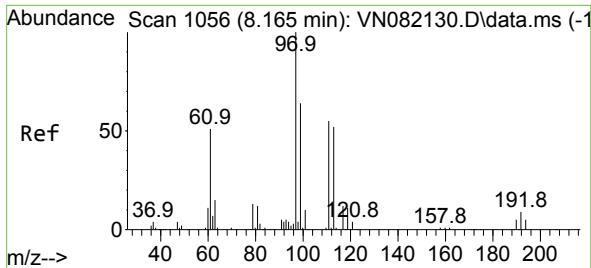
Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.0

88 16.5 0.0 31.4

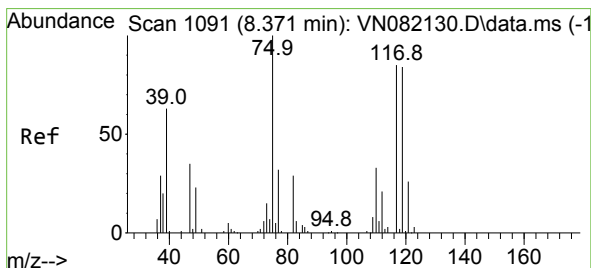
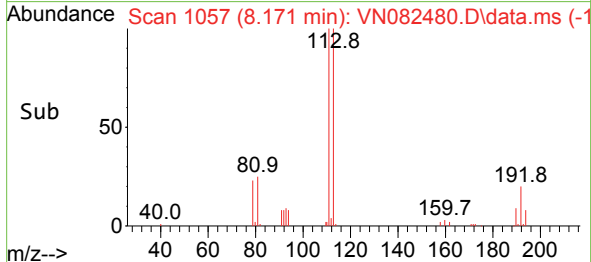
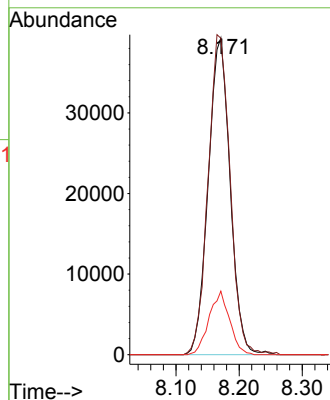
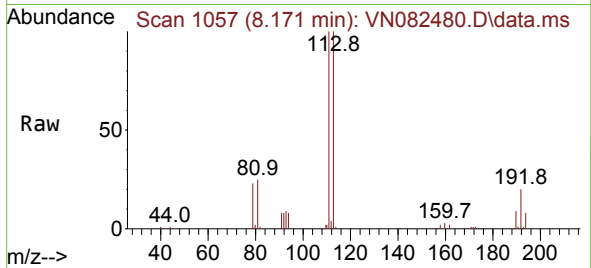




#35
 Dibromofluoromethane
 Concen: 56.790 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN082480.D
 Acq: 07 Jun 2024 10:00

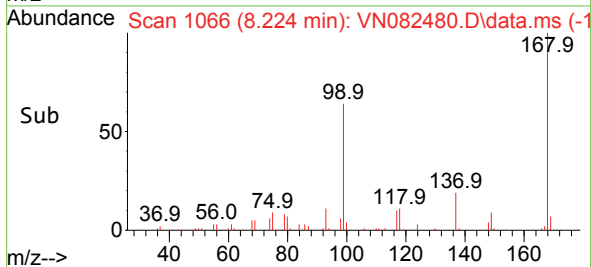
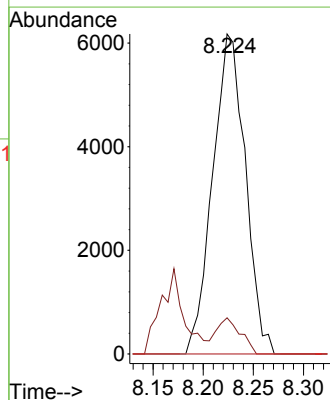
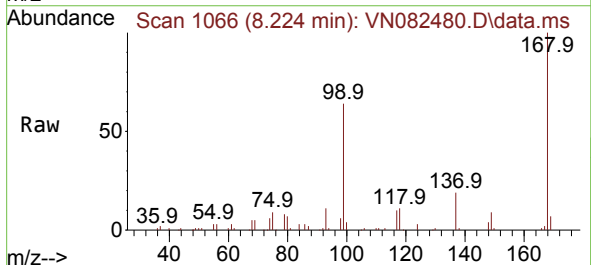
Instrument :
 MSVOA_N
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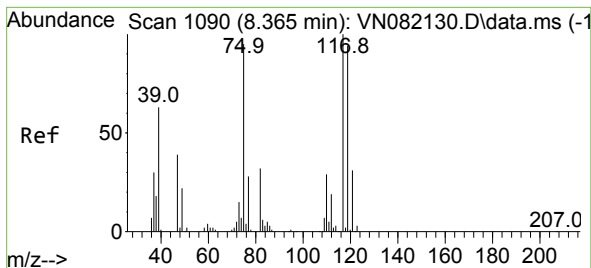
Tgt Ion:113 Resp: 94440
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.4 125.2
 192 18.9 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 5.012 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN082480.D
 Acq: 07 Jun 2024 10:00

Tgt Ion: 75 Resp: 13978
 Ion Ratio Lower Upper
 75 100
 110 8.1 17.8 53.5#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.594 ug/l

RT: 8.224 min Scan# 1106

Delta R.T. -0.141 min

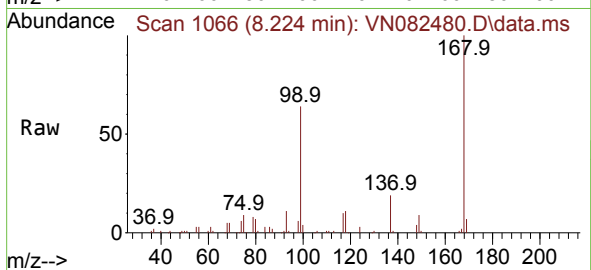
Lab File: VN082480.D

Acq: 07 Jun 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :



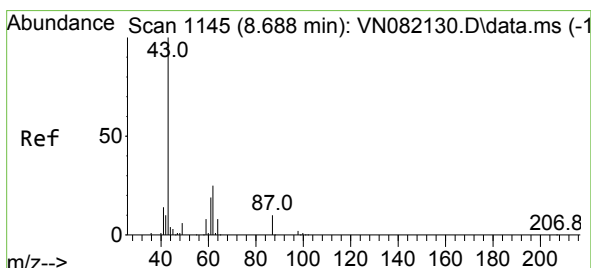
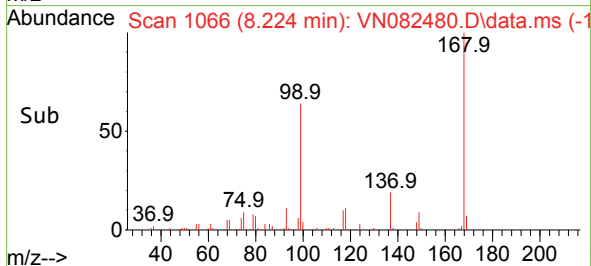
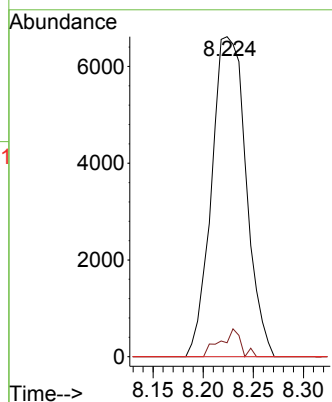
Tgt Ion:117 Resp: 15817

Ion Ratio Lower Upper

117 100

119 4.4 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.844 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.012 min

Lab File: VN082480.D

Acq: 07 Jun 2024 10:00

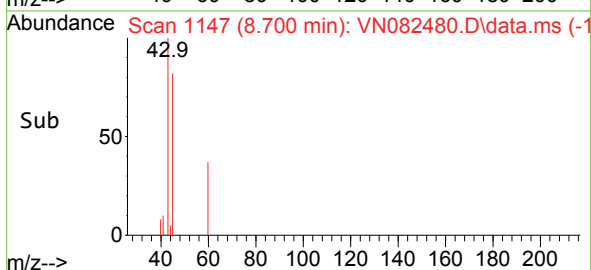
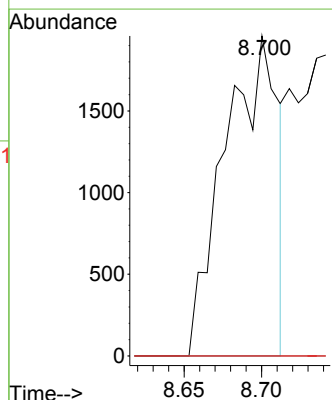
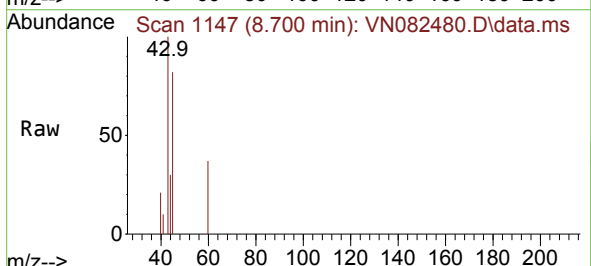
Tgt Ion: 43 Resp: 4667

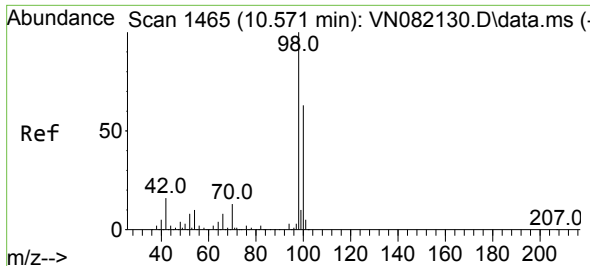
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

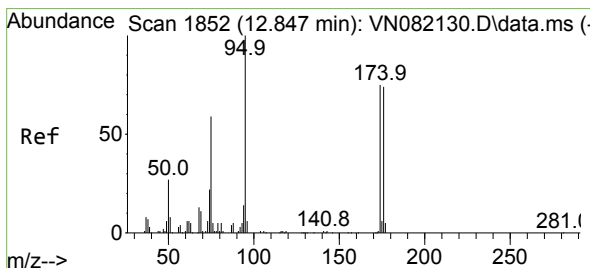
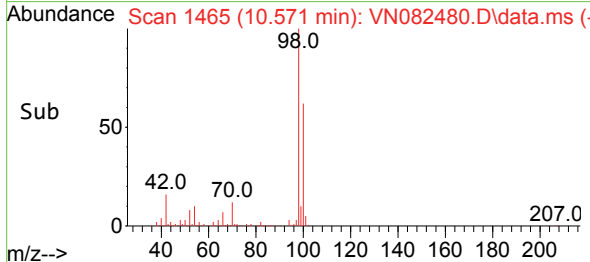
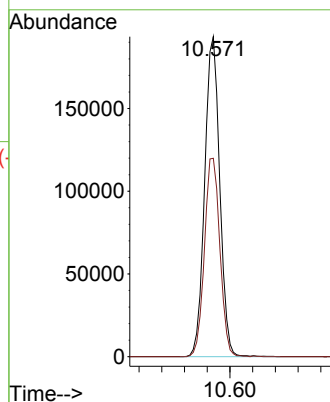
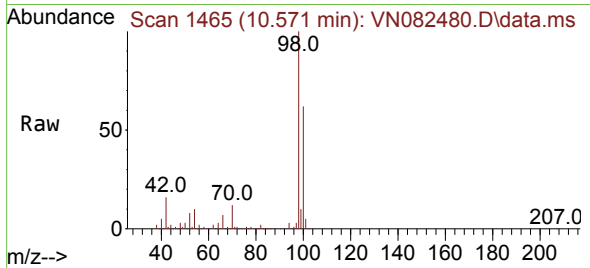




#50
Toluene-d8
Concen: 55.646 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082480.D
Acq: 07 Jun 2024 10:00

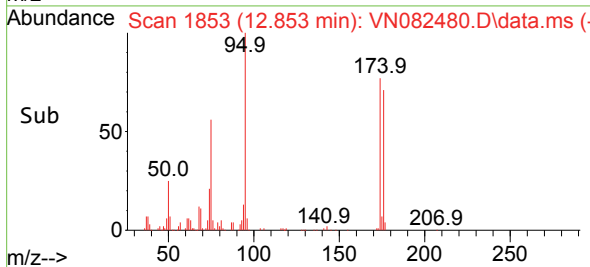
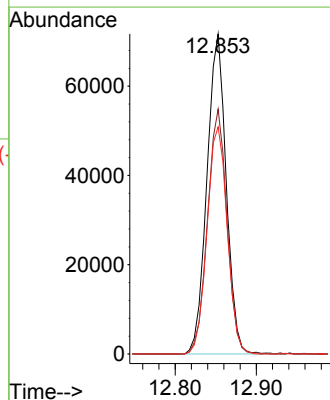
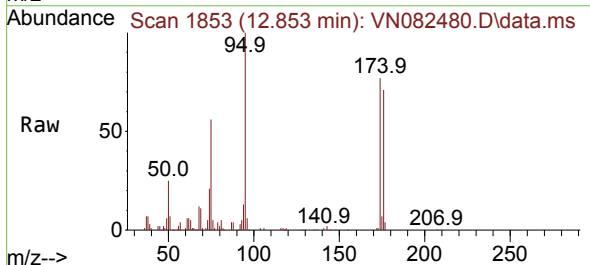
Instrument :
MSVOA_N
ClientSampleId :

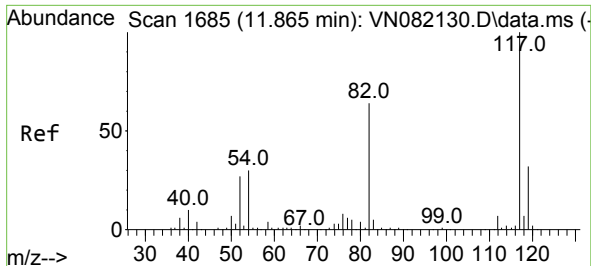
Tgt Ion: 98 Resp: 354777
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.842 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082480.D
Acq: 07 Jun 2024 10:00

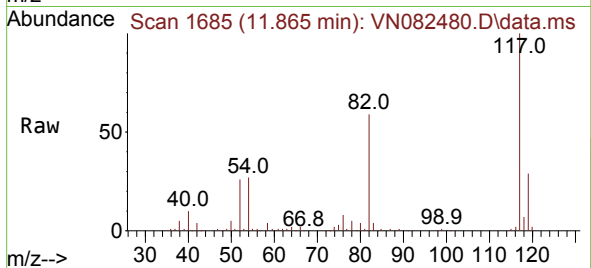
Tgt Ion: 95 Resp: 117973
Ion Ratio Lower Upper
95 100
174 77.4 0.0 160.6
176 73.9 0.0 152.8



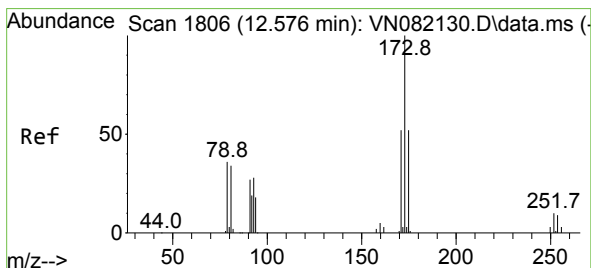
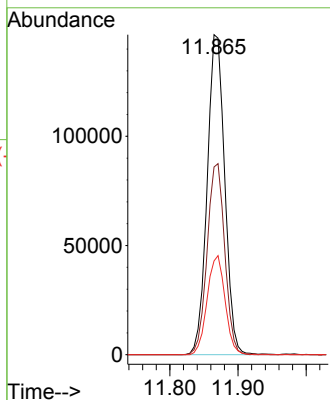
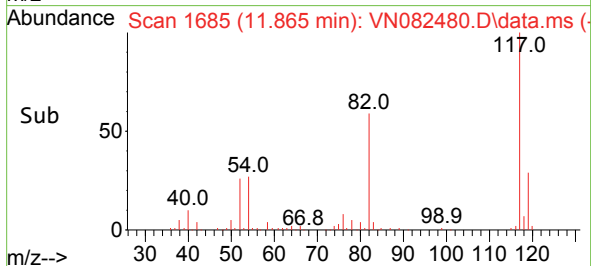


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082480.D
Acq: 07 Jun 2024 10:00

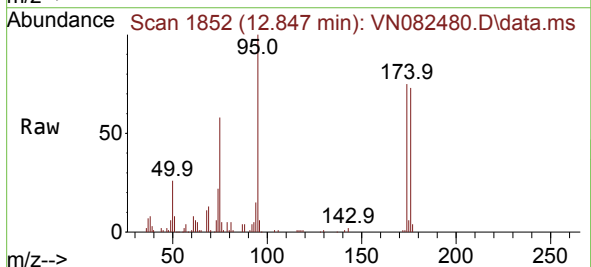
Instrument :
MSVOA_N
ClientSampleId :



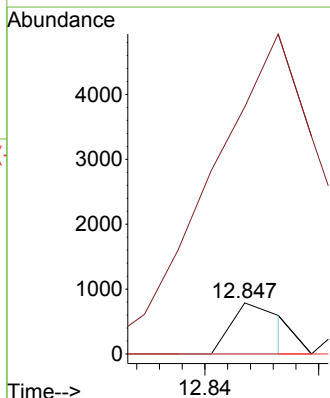
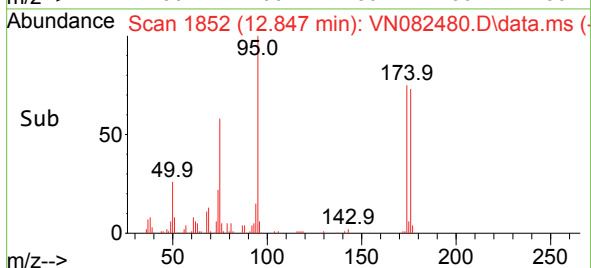
Tgt Ion:117 Resp: 262783
Ion Ratio Lower Upper
117 100
82 58.7 44.6 66.8
119 29.3 25.9 38.9

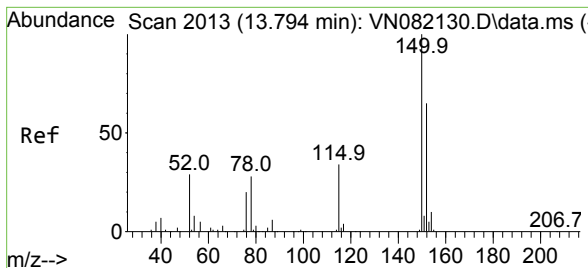


#71
Bromoform
Concen: 1.017 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN082480.D
Acq: 07 Jun 2024 10:00



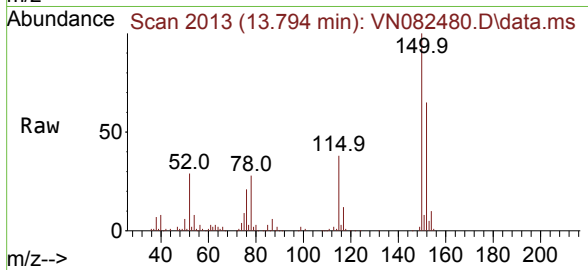
Tgt Ion:173 Resp: 488
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



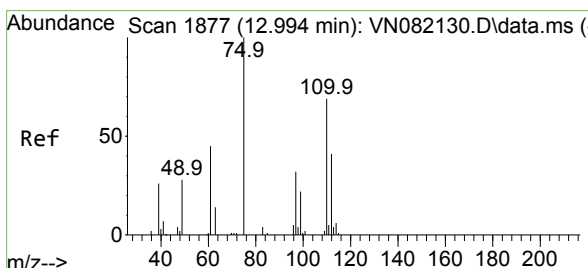
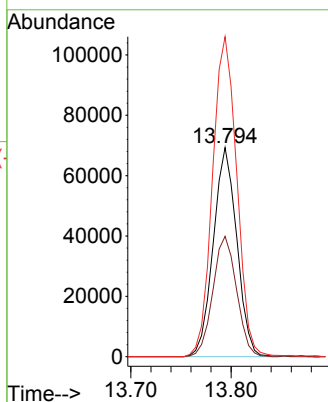
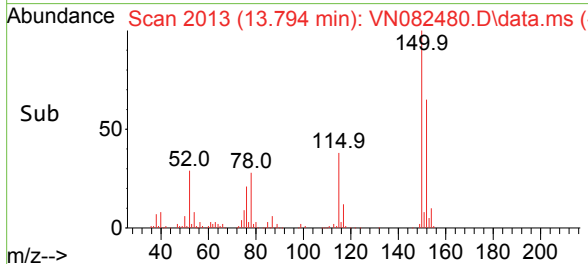


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082480.D
 Acq: 07 Jun 2024 10:00

Instrument :
 MSVOA_N
 ClientSampleId :

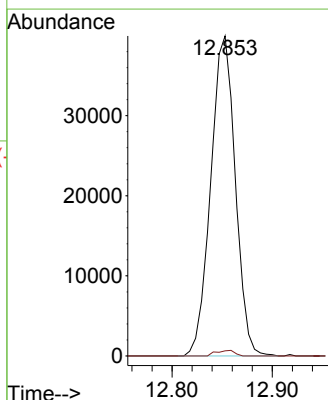
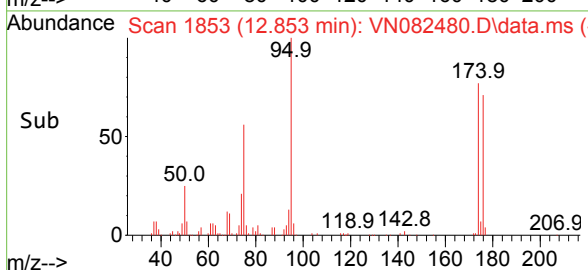
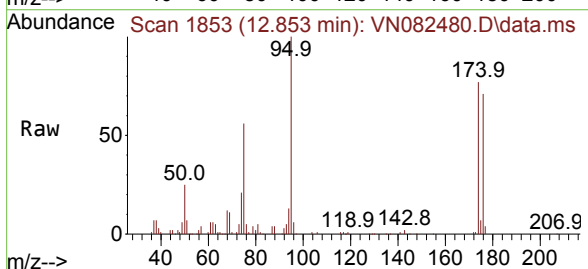


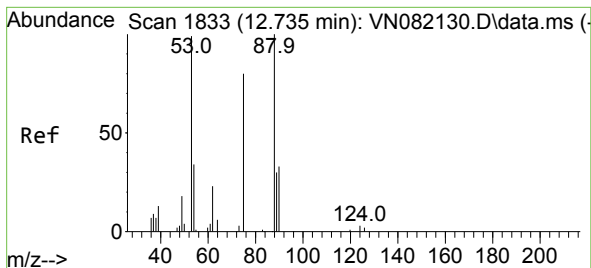
Tgt Ion:152 Resp: 113005
 Ion Ratio Lower Upper
 152 100
 115 58.0 30.4 91.3
 150 157.8 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 28.630 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082480.D
 Acq: 07 Jun 2024 10:00

Tgt Ion: 75 Resp: 68096
 Ion Ratio Lower Upper
 75 100
 77 1.3 90.5 271.3#

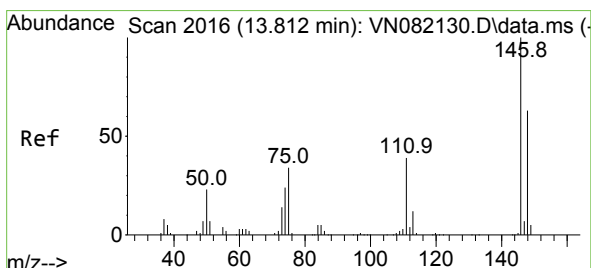
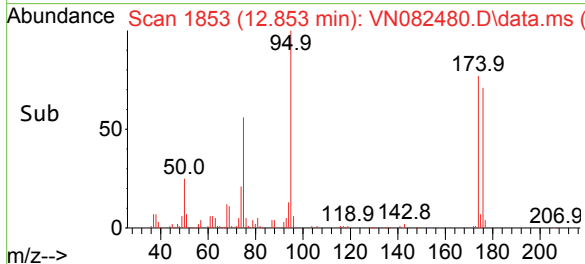
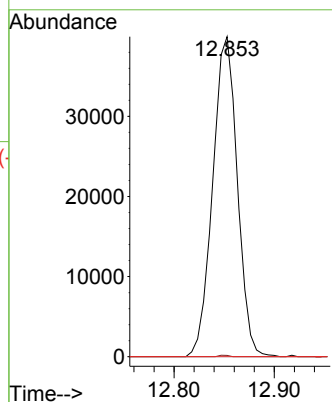
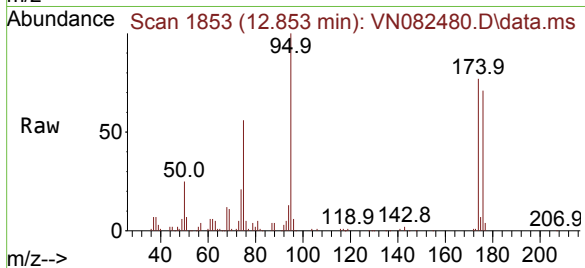




#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.964 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.118 min
 Lab File: VN082480.D
 Acq: 07 Jun 2024 10:00

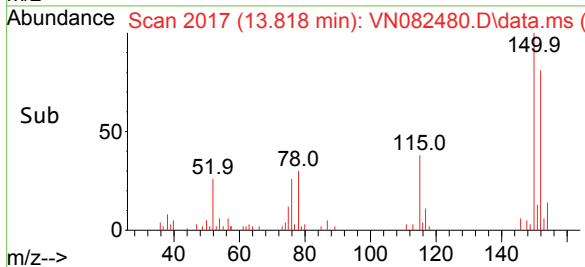
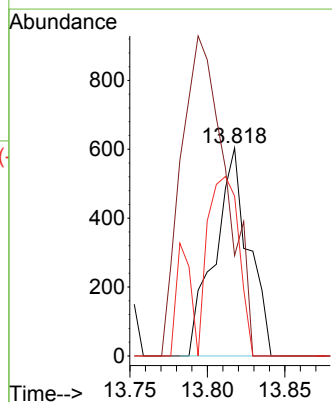
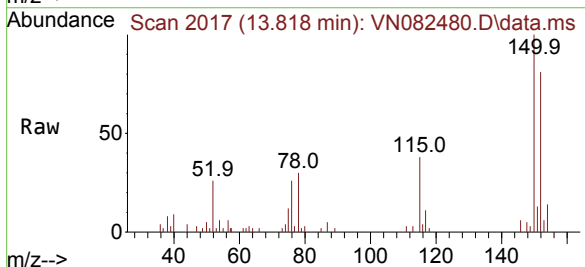
Instrument :
 MSVOA_N
 ClientSampleId :

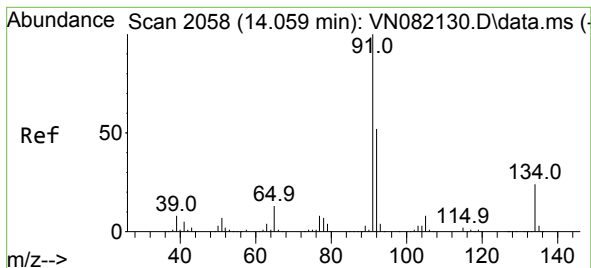
Tgt Ion: 75 Resp: 68096
 Ion Ratio Lower Upper
 75 100
 53 0.2 72.9 109.3#
 89 0.0 39.1 58.7#



#88
 1,4-Dichlorobenzene
 Concen: 0.232 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.006 min
 Lab File: VN082480.D
 Acq: 07 Jun 2024 10:00

Tgt Ion: 146 Resp: 917
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.3 57.9#
 148 79.6 31.3 93.9





#89

n-Butylbenzene

Concen: 0.251 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VN082480.D

Acq: 07 Jun 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

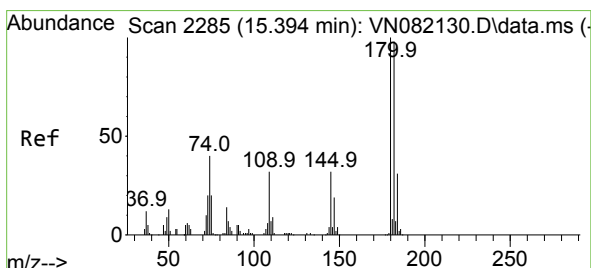
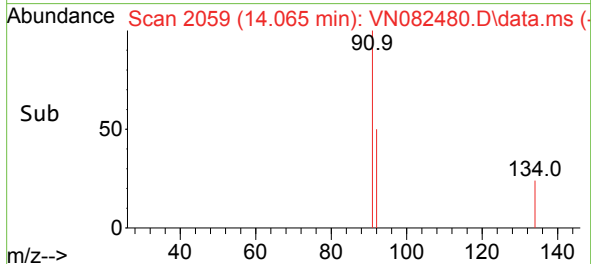
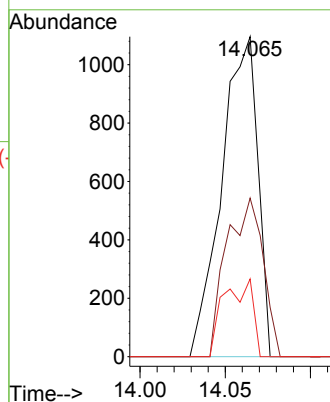
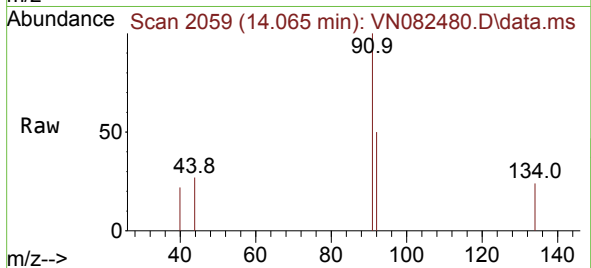
Tgt Ion: 91 Resp: 1611

Ion Ratio Lower Upper

91 100

92 50.2 26.2 78.5

134 19.4 13.2 39.5



#93

1,2,4-Trichlorobenzene

Concen: 0.416 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. 0.006 min

Lab File: VN082480.D

Acq: 07 Jun 2024 10:00

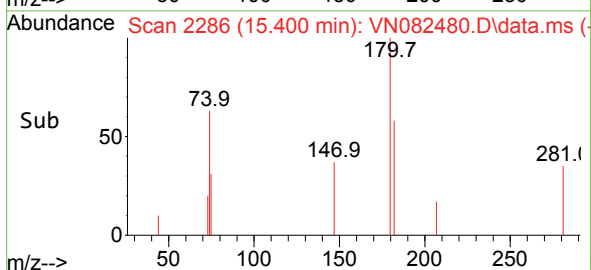
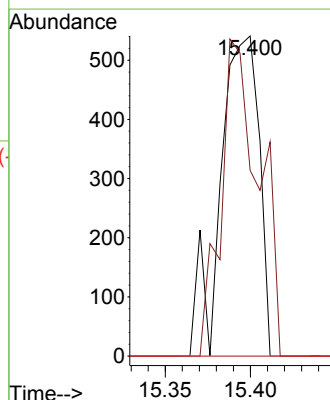
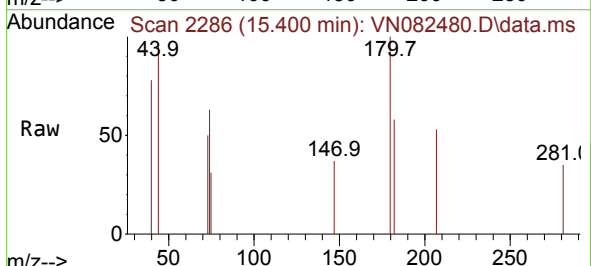
Tgt Ion:180 Resp: 856

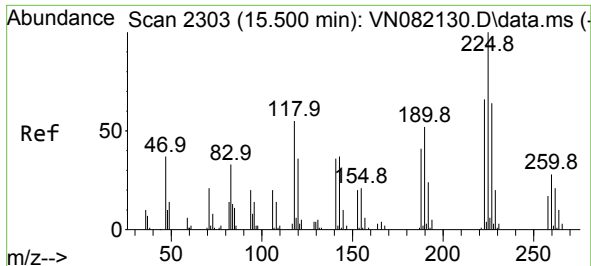
Ion Ratio Lower Upper

180 100

182 97.2 46.7 140.0

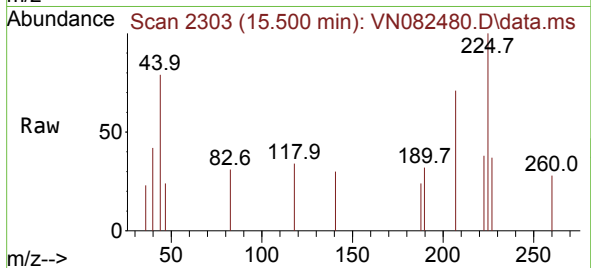
145 0.0 16.2 48.6#



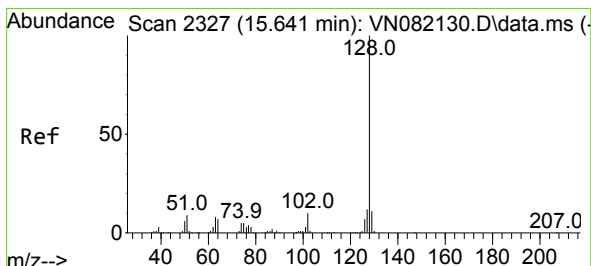
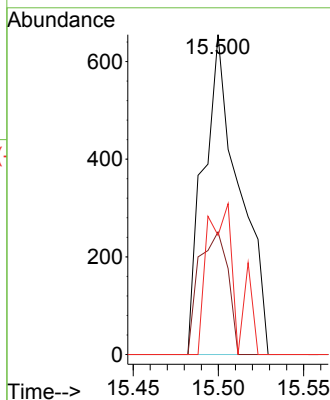
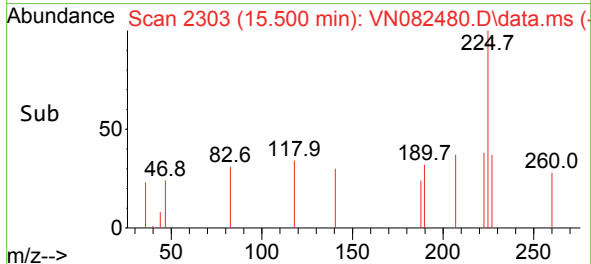


#94
Hexachlorobutadiene
Concen: 1.055 ug/l
RT: 15.500 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN082480.D
Acq: 07 Jun 2024 10:00

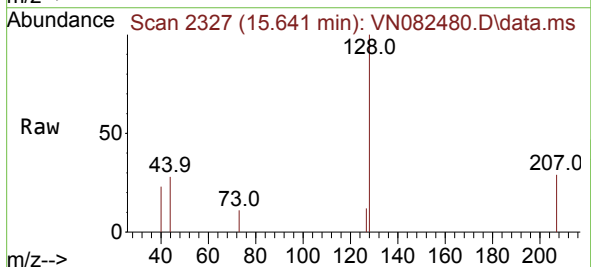
Instrument :
MSVOA_N
ClientSampleId :



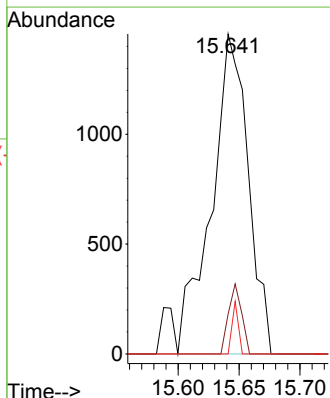
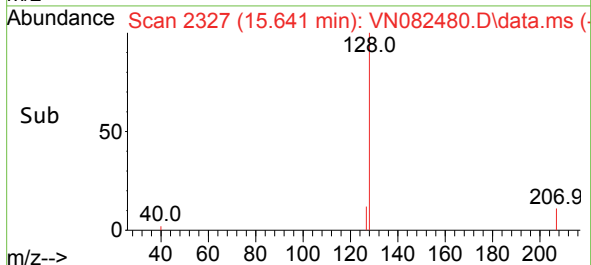
Tgt Ion:225 Resp: 952
Ion Ratio Lower Upper
225 100
223 31.1 31.1 93.2
227 37.9 30.6 91.6

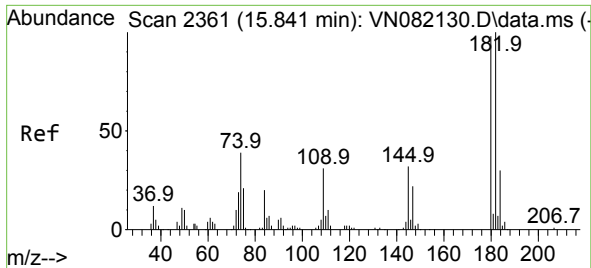


#95
Naphthalene
Concen: 0.476 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082480.D
Acq: 07 Jun 2024 10:00



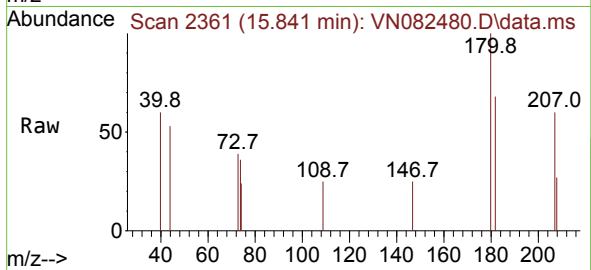
Tgt Ion:128 Resp: 3066
Ion Ratio Lower Upper
128 100
127 7.8 10.1 15.1#
129 2.7 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.628 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN082480.D
 Acq: 07 Jun 2024 10:00

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 1293
 Ion Ratio Lower Upper
 180 100
 182 52.3 46.0 137.8
 145 9.7 17.1 51.3#

