

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010224\
 Data File : VN080623.D
 Acq On : 02 Jan 2024 14:32
 Operator : JC\MD
 Sample : 06038-09 100X
 Misc : 1.20g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 03 01:45:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

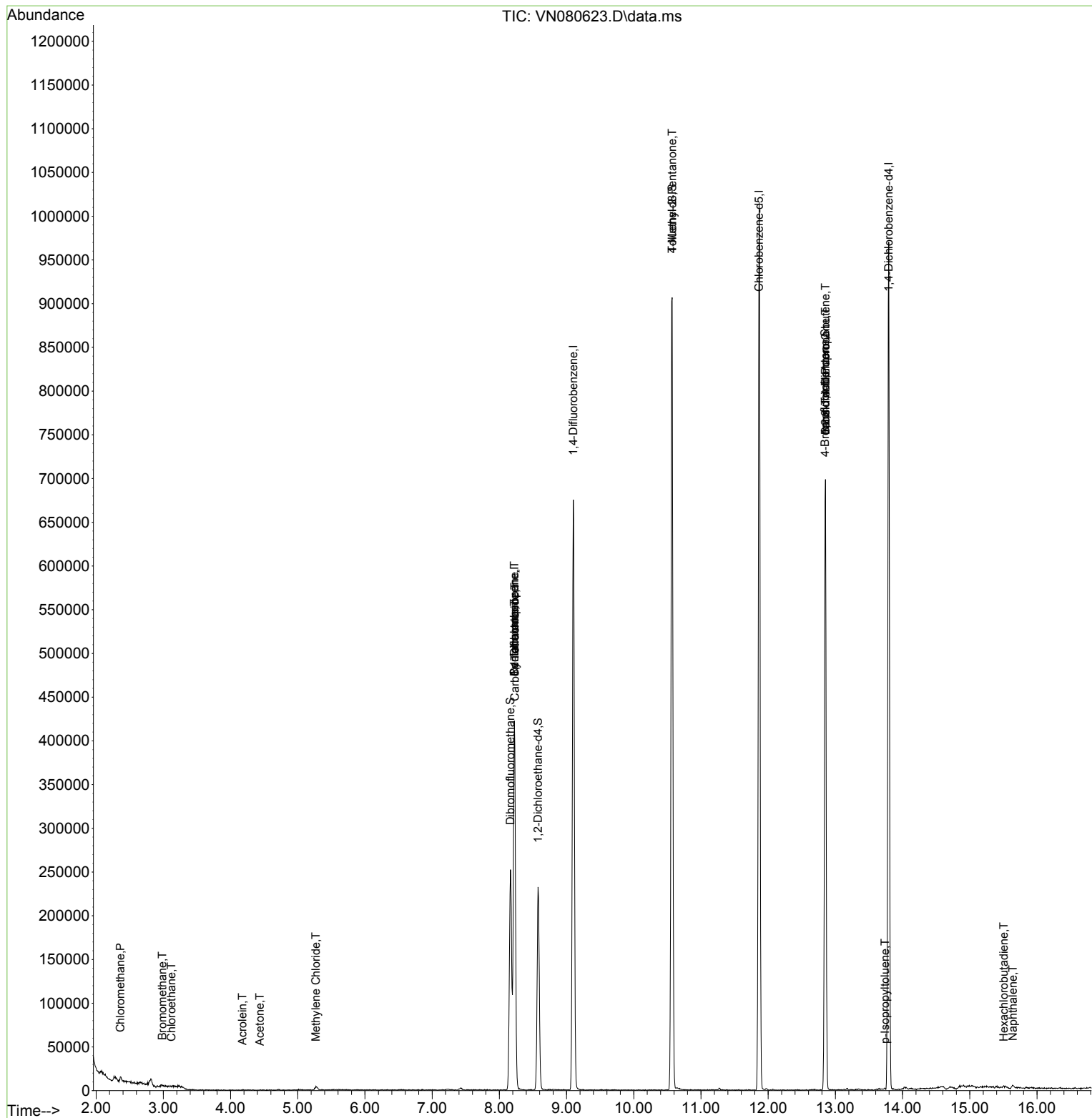
Internal Standards						
1) Pentafluorobenzene	8.224	168	308560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	598907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	609385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	267167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	195088	49.290	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.580%
35) Dibromofluoromethane	8.165	113	186459	48.138	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.280%
50) Toluene-d8	10.571	98	660977	48.873	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.740%
62) 4-Bromofluorobenzene	12.847	95	257387	56.549	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.100%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	7529	1.069	ug/l	90
5) Bromomethane	2.983	94	1083	0.747	ug/l #	64
6) Chloroethane	3.118	64	544	0.228	ug/l #	43
13) Acrolein	4.177	56	205	0.341	ug/l #	73
16) Acetone	4.436	43	558	0.519	ug/l #	40
20) Methylene Chloride	5.271	84	3130	0.912	ug/l #	64
31) Cyclohexane	8.224	56	6018	1.124	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	25183	4.224	ug/l #	48
38) Carbon Tetrachloride	8.230	117	32665	5.356	ug/l #	17
51) 4-Methyl-2-Pentanone	10.571	43	2389	0.576	ug/l #	1
71) Bromoform	12.853	173	1046	0.303	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	129042	22.456	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	129042	60.829	ug/l #	15
86) p-Isopropyltoluene	13.741	119	462	0.484	ug/l #	75
94) Hexachlorobutadiene	15.506	225	569	0.247	ug/l	84
95) Naphthalene	15.641	128	3752	0.270	ug/l	97

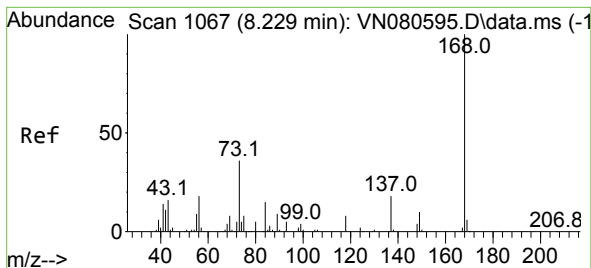
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010224\
Data File : VN080623.D
Acq On : 02 Jan 2024 14:32
Operator : JC\MD
Sample : 06038-09 100X
Misc : 1.20g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 03 01:45:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 28 03:07:01 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.005 min

Lab File: VN080623.D

Acq: 02 Jan 2024 14:32

Instrument :

MSVOA_N

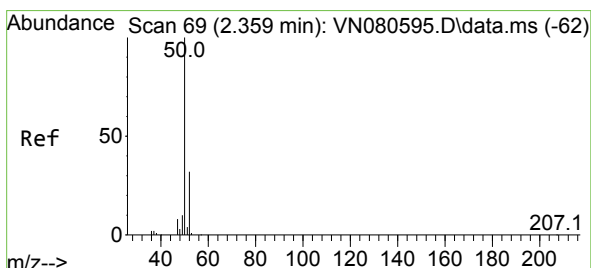
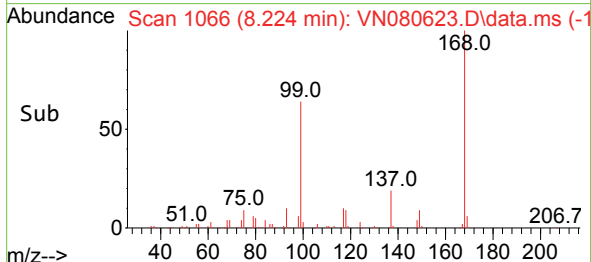
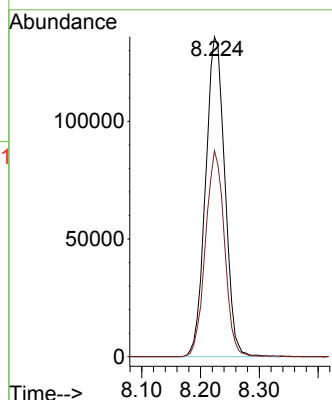
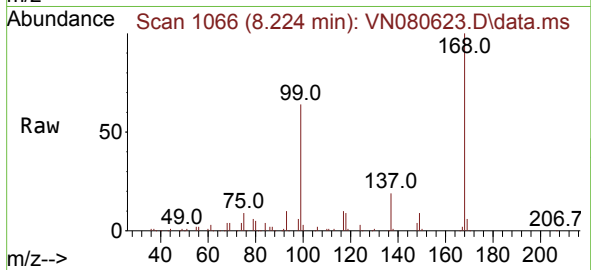
ClientSampleId :

Tgt Ion:168 Resp: 308560

Ion Ratio Lower Upper

168 100

99 64.4 53.0 79.6



#3

Chloromethane

Concen: 1.069 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080623.D

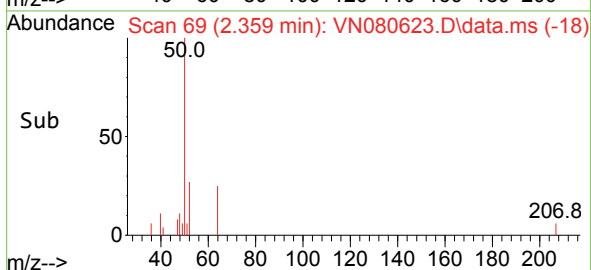
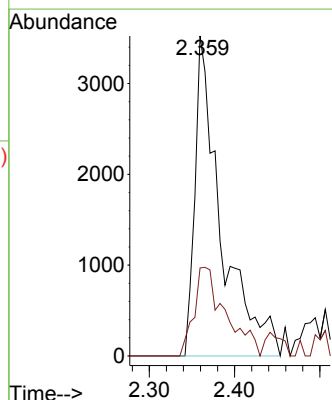
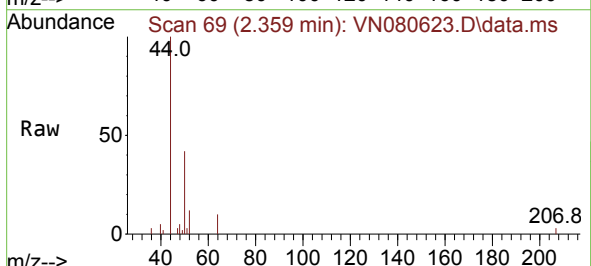
Acq: 02 Jan 2024 14:32

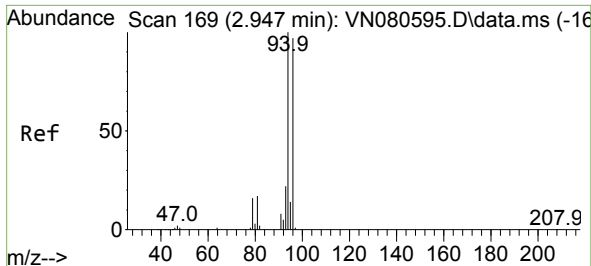
Tgt Ion: 50 Resp: 7529

Ion Ratio Lower Upper

50 100

52 27.5 26.5 39.7

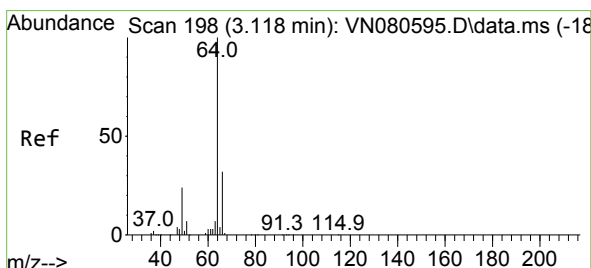
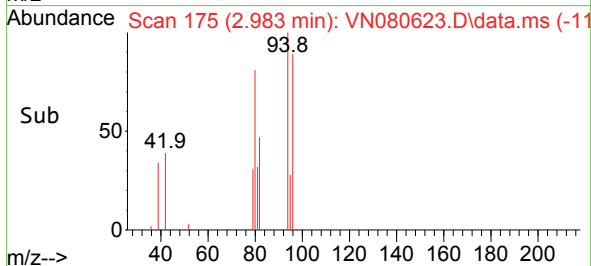
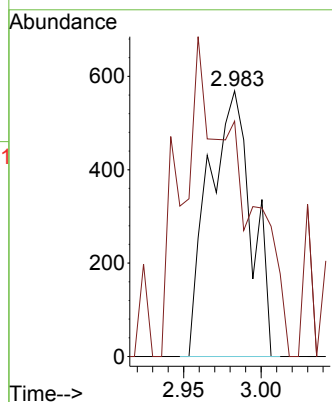
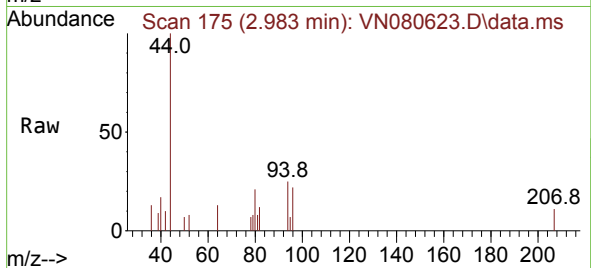




#5
Bromomethane
Concen: 0.747 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN080623.D
Acq: 02 Jan 2024 14:32

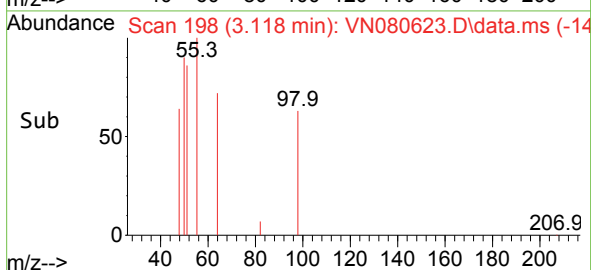
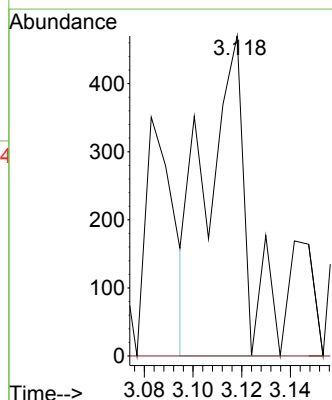
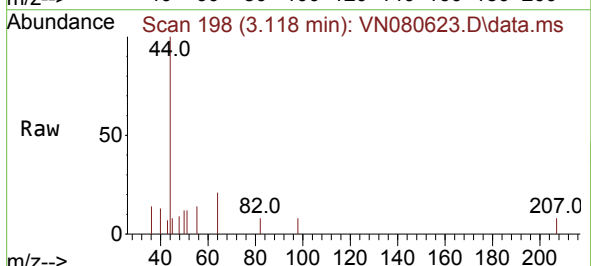
Instrument :
MSVOA_N
ClientSampleId :

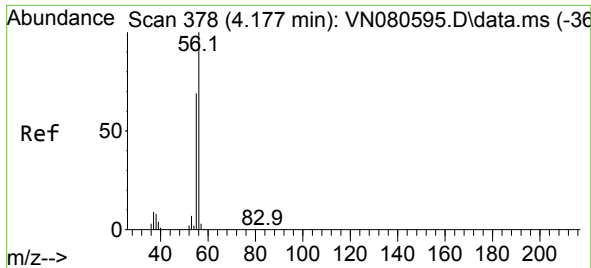
Tgt Ion: 94 Resp: 1083
Ion Ratio Lower Upper
94 100
96 57.5 73.1 109.7#



#6
Chloroethane
Concen: 0.228 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080623.D
Acq: 02 Jan 2024 14:32

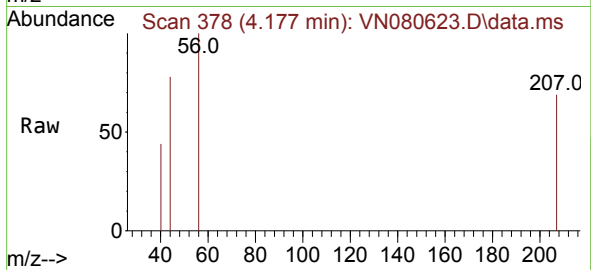
Tgt Ion: 64 Resp: 544
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



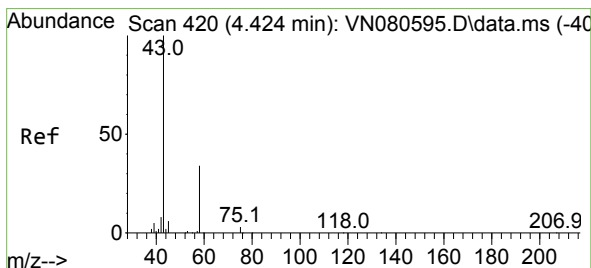
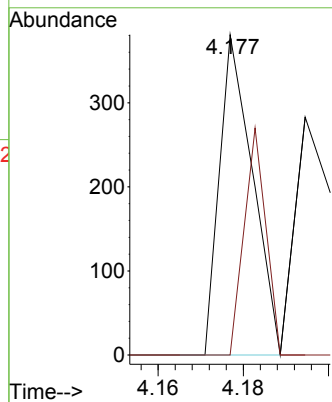
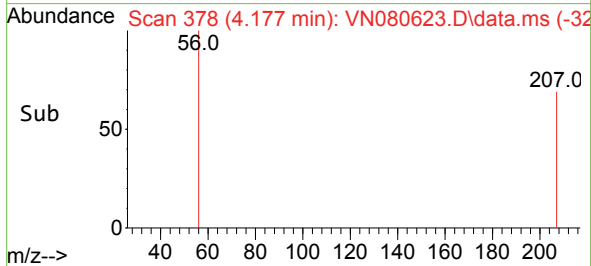


#13
Acrolein
Concen: 0.341 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN080623.D
Acq: 02 Jan 2024 14:32

Instrument :
MSVOA_N
ClientSampleId :

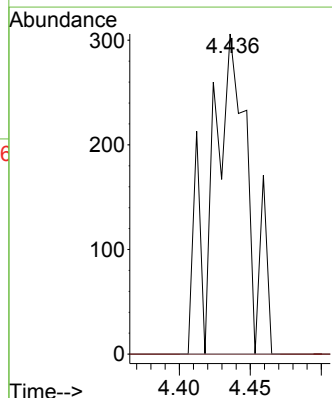
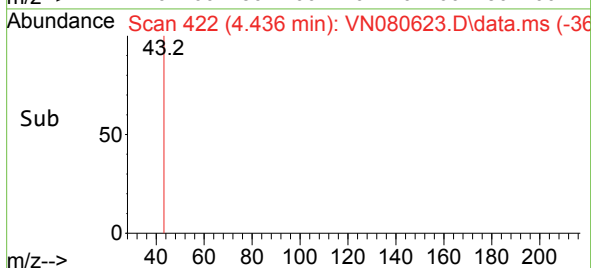
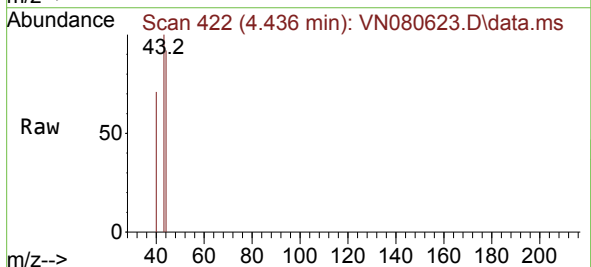


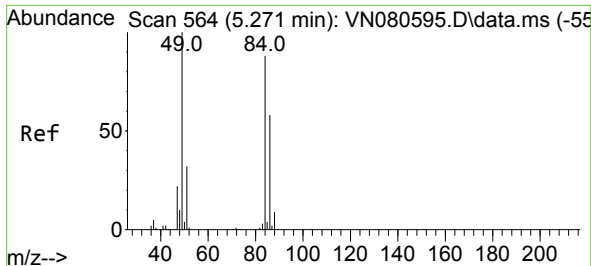
Tgt Ion: 56 Resp: 205
Ion Ratio Lower Upper
56 100
55 46.3 54.5 81.7#



#16
Acetone
Concen: 0.519 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080623.D
Acq: 02 Jan 2024 14:32

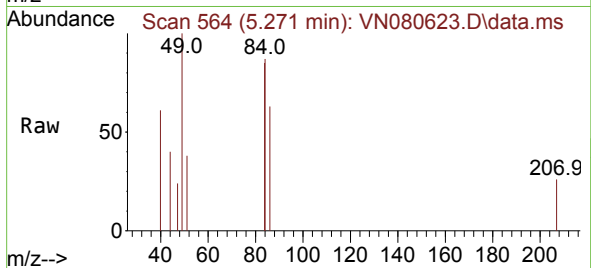
Tgt Ion: 43 Resp: 558
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



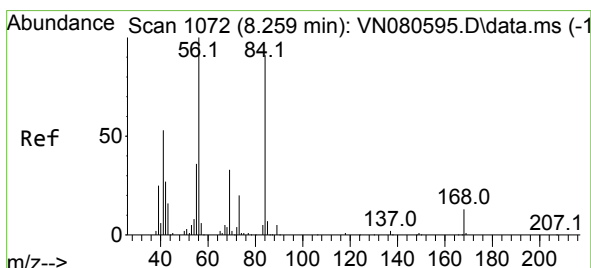
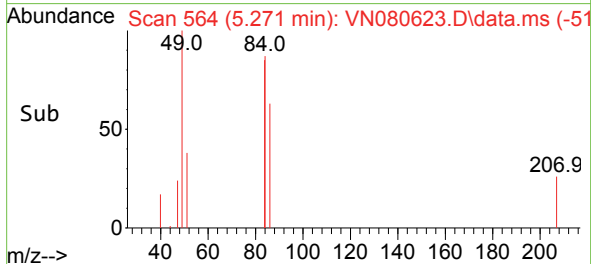
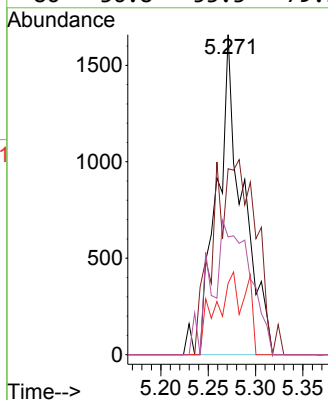


#20
Methylene Chloride
Concen: 0.912 ug/l
RT: 5.271 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN080623.D
Acq: 02 Jan 2024 14:32

Instrument :
MSVOA_N
ClientSampleId :

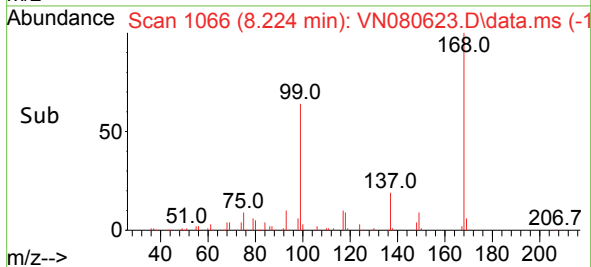
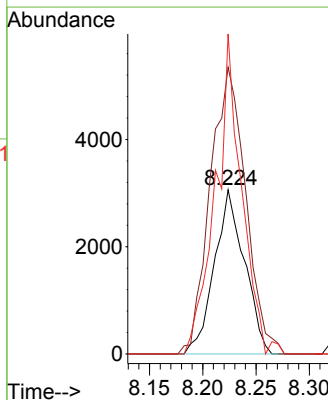
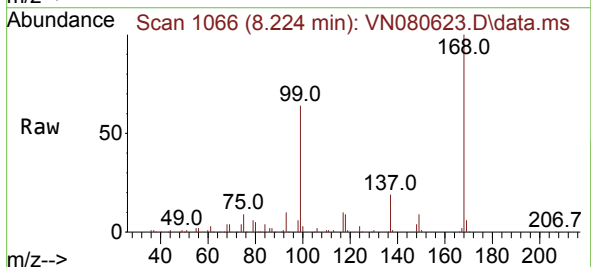


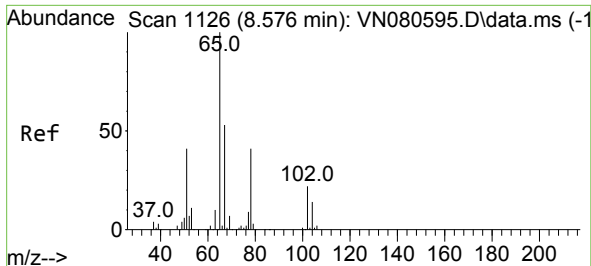
Tgt Ion:	84	Resp:	3130
Ion	Ratio	Lower	Upper
84	100		
49	58.1	79.7	119.5#
51	22.3	25.2	37.8#
86	36.8	53.3	79.9#



#31
Cyclohexane
Concen: 1.124 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080623.D
Acq: 02 Jan 2024 14:32

Tgt Ion:	56	Resp:	6018
Ion	Ratio	Lower	Upper
56	100		
69	174.6	26.8	40.2#
84	194.9	81.8	122.6#





#33

1,2-Dichloroethane-d4

Concen: 49.290 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080623.D

Acq: 02 Jan 2024 14:32

Instrument :

MSVOA_N

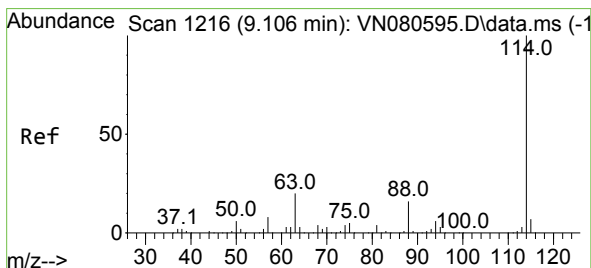
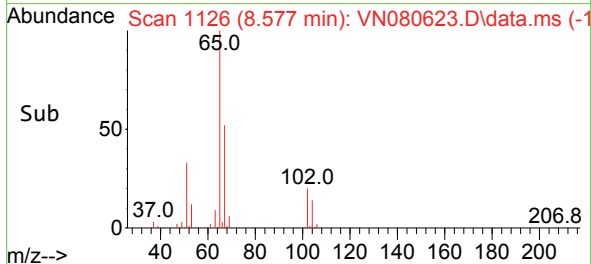
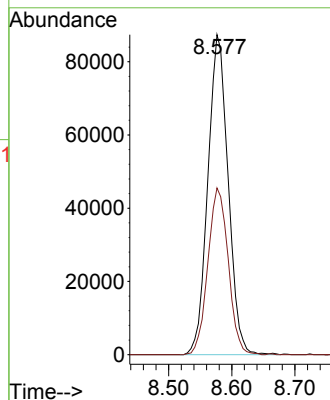
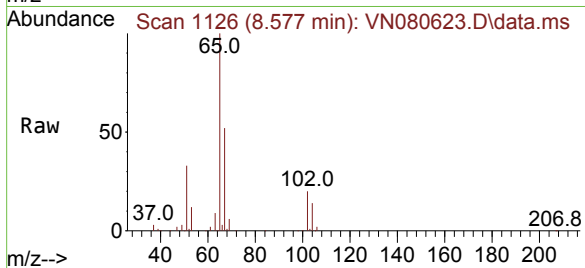
ClientSampleId :

Tgt Ion: 65 Resp: 195088

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080623.D

Acq: 02 Jan 2024 14:32

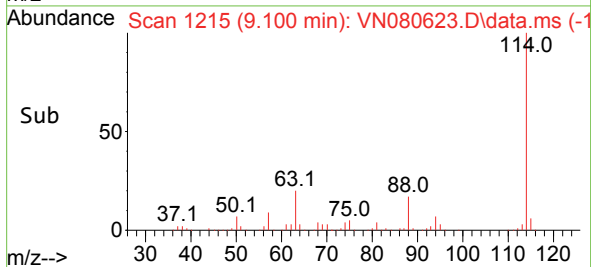
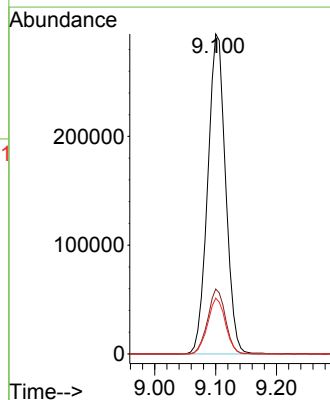
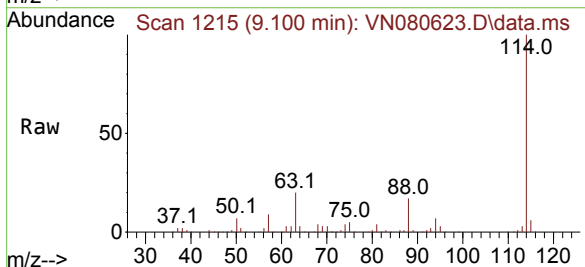
Tgt Ion: 114 Resp: 598907

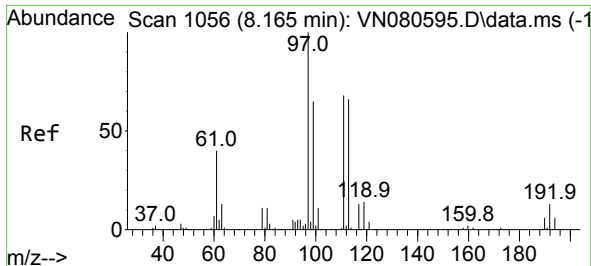
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 17.4 0.0 30.6

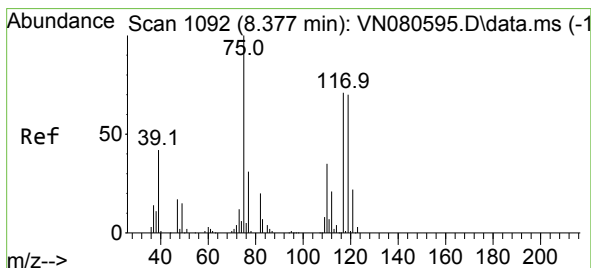
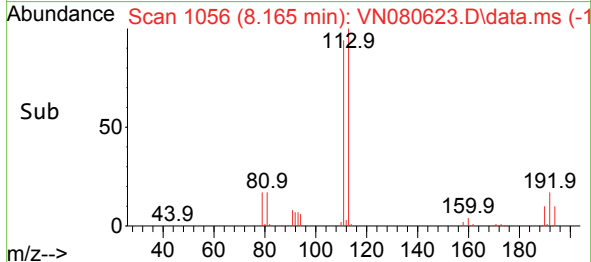
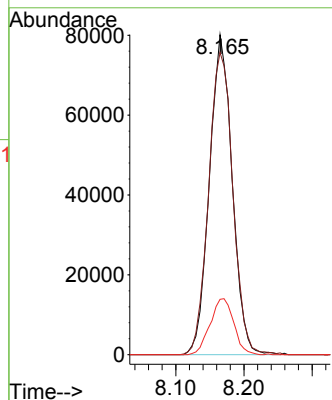
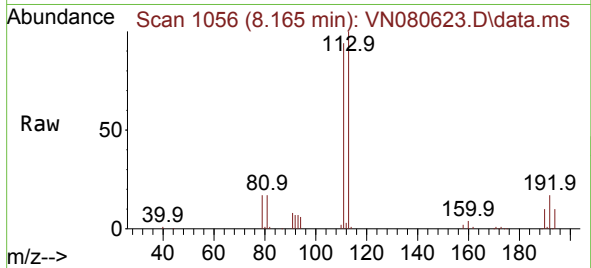




#35
Dibromofluoromethane
Concen: 48.138 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080623.D
Acq: 02 Jan 2024 14:32

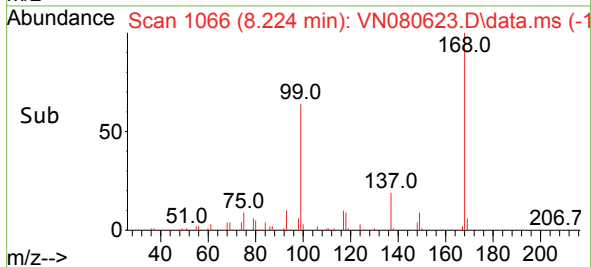
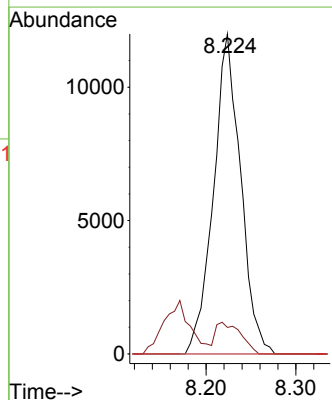
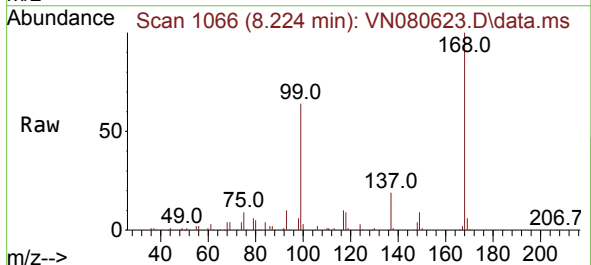
Instrument :
MSVOA_N
ClientSampleId :

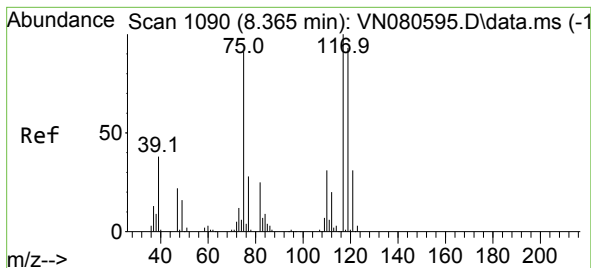
Tgt Ion:113 Resp: 186459
Ion Ratio Lower Upper
113 100
111 100.5 82.6 123.8
192 18.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.224 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080623.D
Acq: 02 Jan 2024 14:32

Tgt Ion: 75 Resp: 25183
Ion Ratio Lower Upper
75 100
110 9.0 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.356 ug/l

RT: 8.230 min Scan# 1090

Delta R.T. -0.135 min

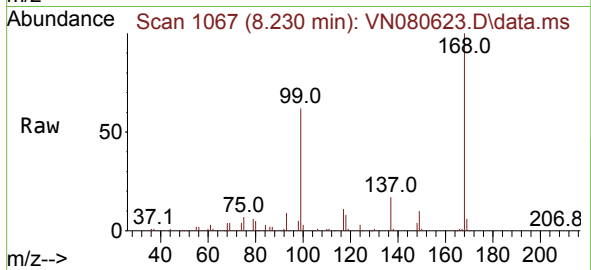
Lab File: VN080623.D

Acq: 02 Jan 2024 14:32

Instrument :

MSVOA_N

ClientSampleId :



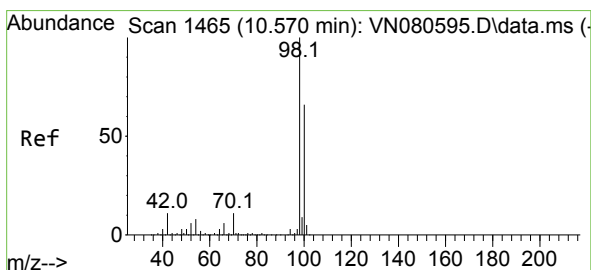
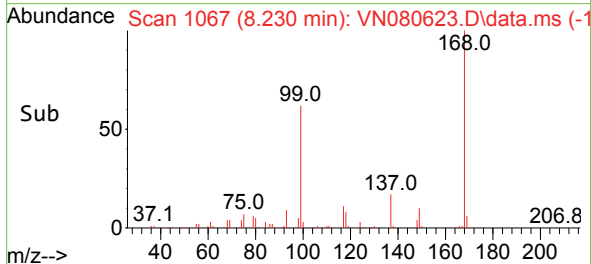
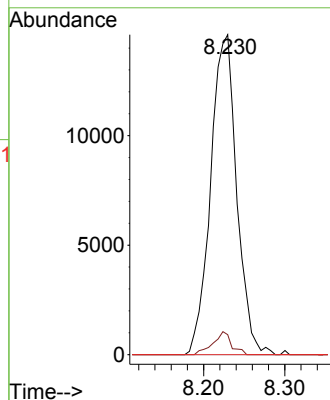
Tgt Ion:117 Resp: 32665

Ion Ratio Lower Upper

117 100

119 6.2 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 48.873 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN080623.D

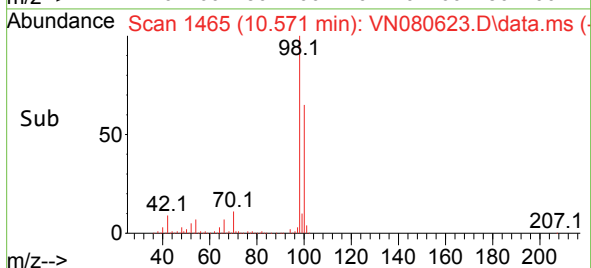
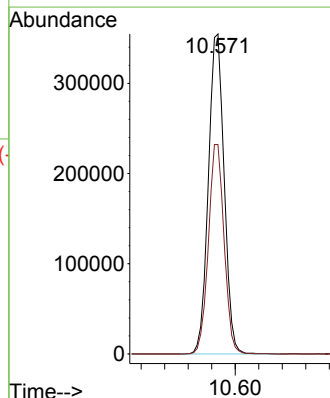
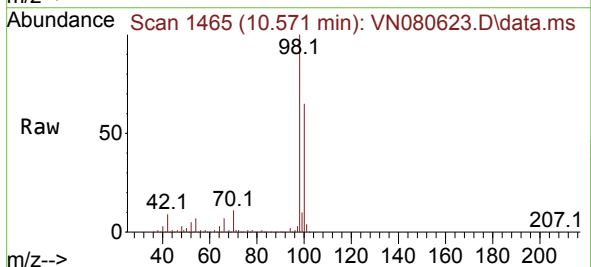
Acq: 02 Jan 2024 14:32

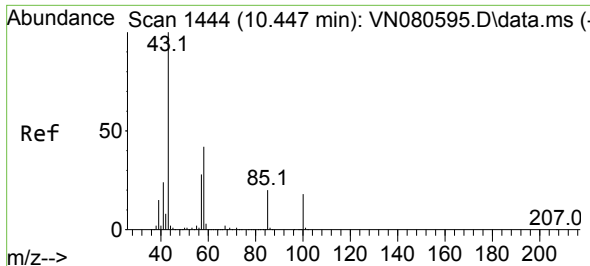
Tgt Ion: 98 Resp: 660977

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

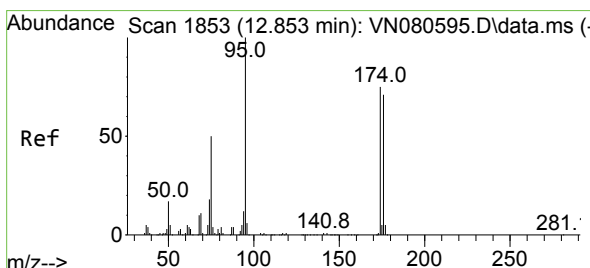
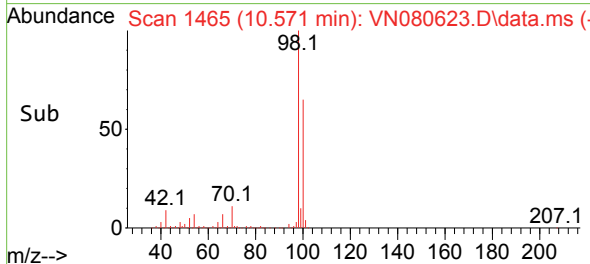
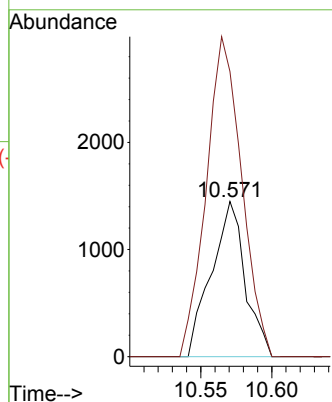
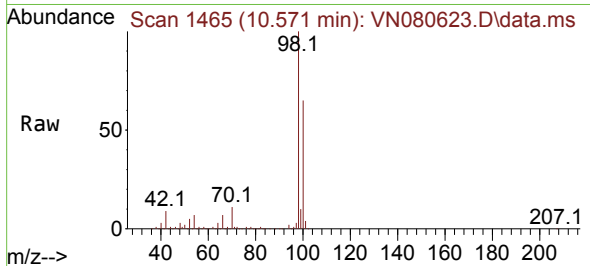




#51
4-Methyl-2-Pentanone
Concen: 0.576 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN080623.D
Acq: 02 Jan 2024 14:32

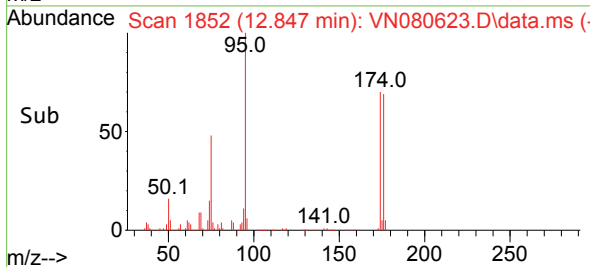
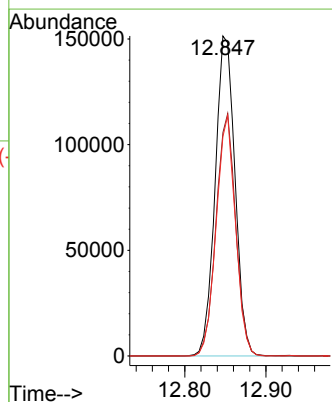
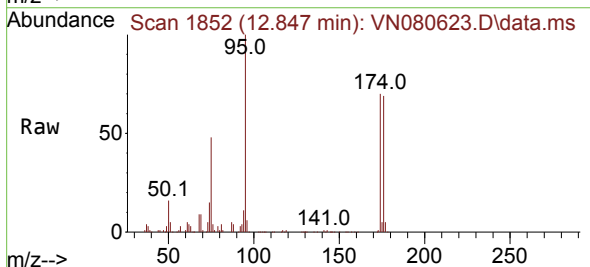
Instrument :
MSVOA_N
ClientSampleId :

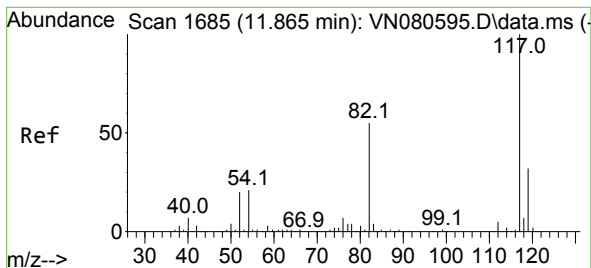
Tgt Ion: 43 Resp: 2389
Ion Ratio Lower Upper
43 100
58 216.6 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 56.549 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN080623.D
Acq: 02 Jan 2024 14:32

Tgt Ion: 95 Resp: 257387
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 72.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

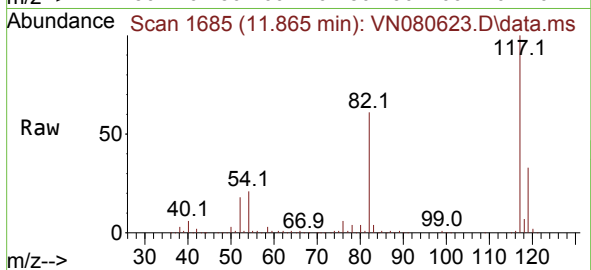
Lab File: VN080623.D

Acq: 02 Jan 2024 14:32

Instrument :

MSVOA_N

ClientSampleId :



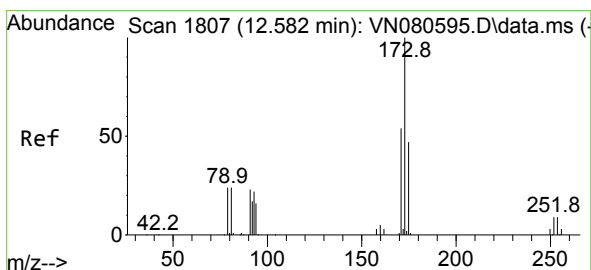
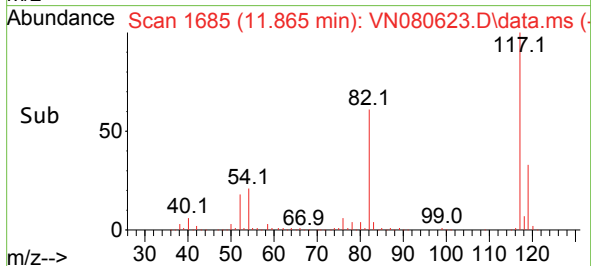
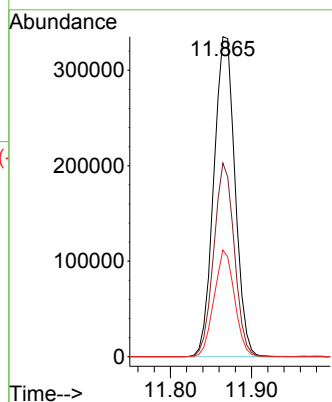
Tgt Ion:117 Resp: 609385

Ion Ratio Lower Upper

117 100

82 60.5 44.0 66.0

119 33.4 25.6 38.4



#71

Bromoform

Concen: 0.303 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

Lab File: VN080623.D

Acq: 02 Jan 2024 14:32

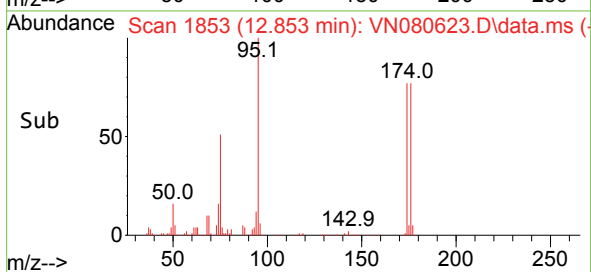
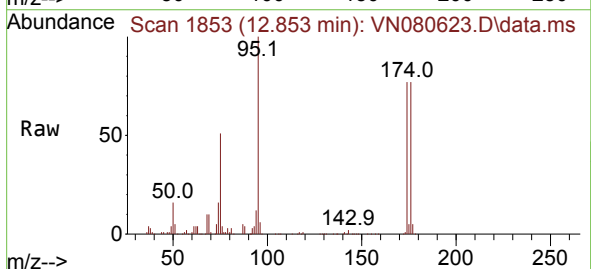
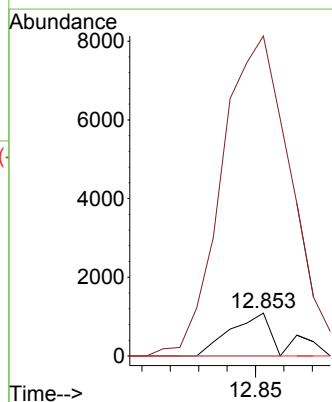
Tgt Ion:173 Resp: 1046

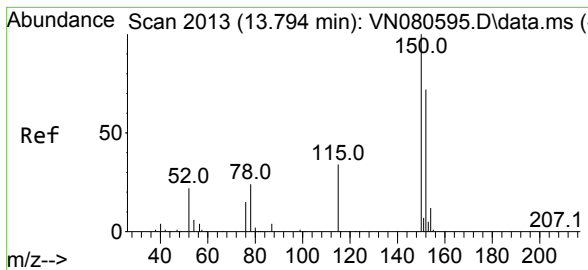
Ion Ratio Lower Upper

173 100

175 1106.4 24.3 73.0#

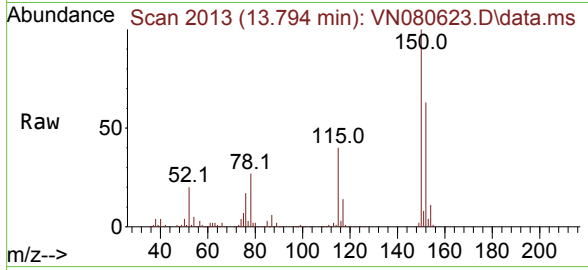
254 0.0 0.0 0.0



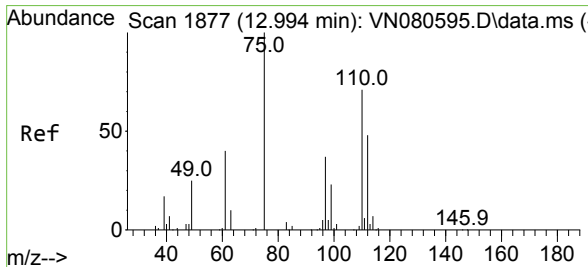
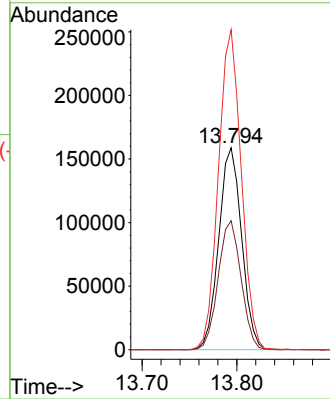
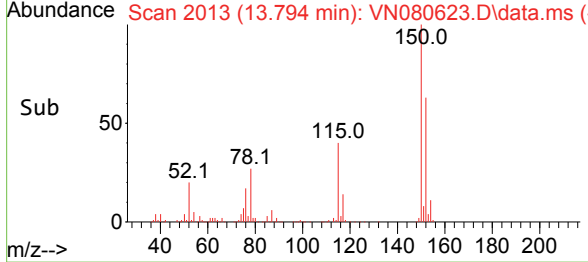


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080623.D
 Acq: 02 Jan 2024 14:32

Instrument :
 MSVOA_N
 ClientSampleId :

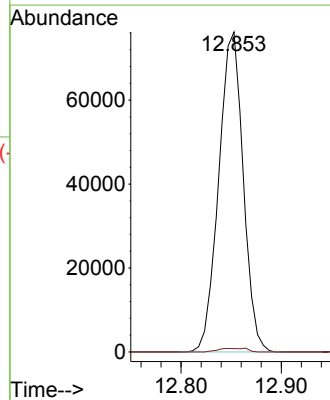
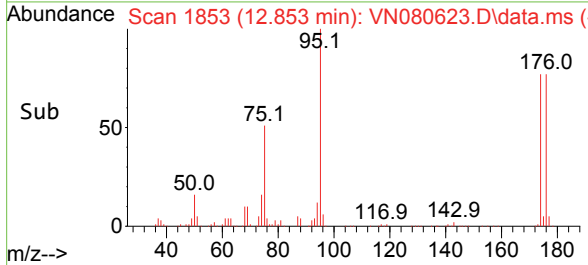
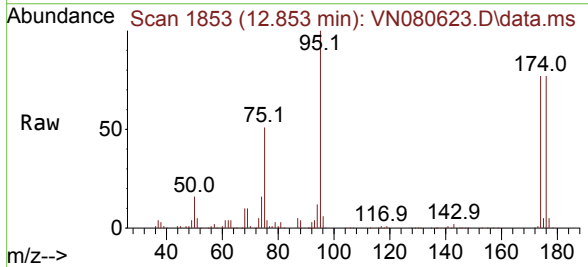


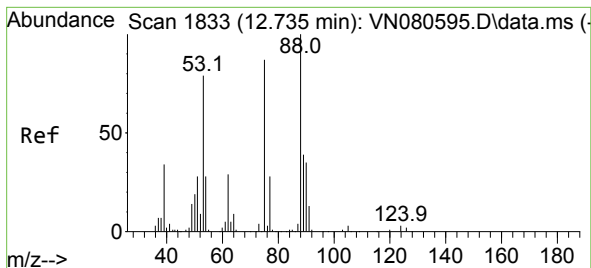
Tgt Ion:152 Resp: 267167
 Ion Ratio Lower Upper
 152 100
 115 63.7 32.3 96.8
 150 158.1 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 22.456 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN080623.D
 Acq: 02 Jan 2024 14:32

Tgt Ion: 75 Resp: 129042
 Ion Ratio Lower Upper
 75 100
 77 1.3 84.5 253.5#

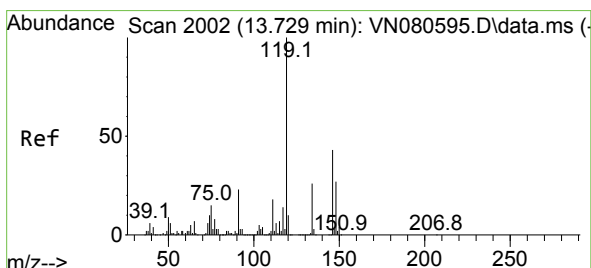
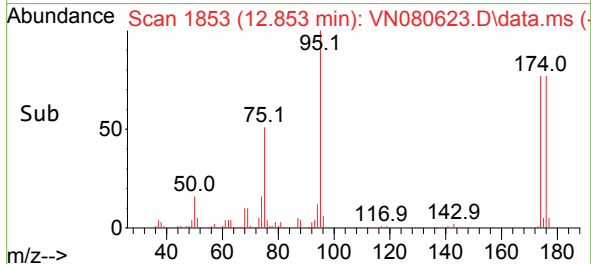
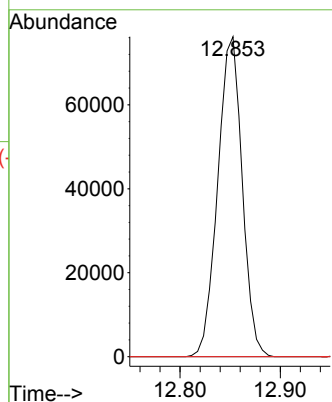
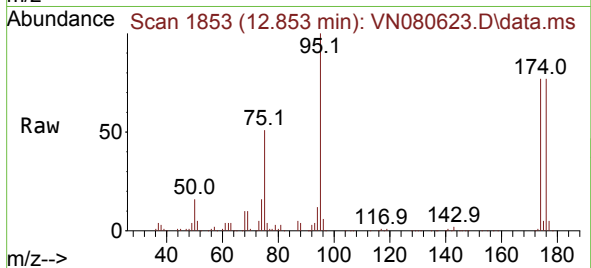




#81
trans-1,4-Dichloro-2-butene
Concen: 60.829 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080623.D
Acq: 02 Jan 2024 14:32

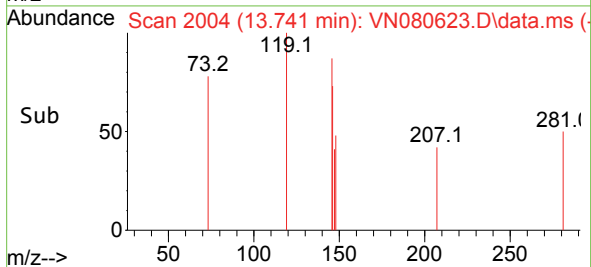
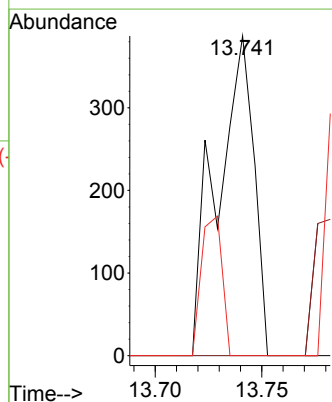
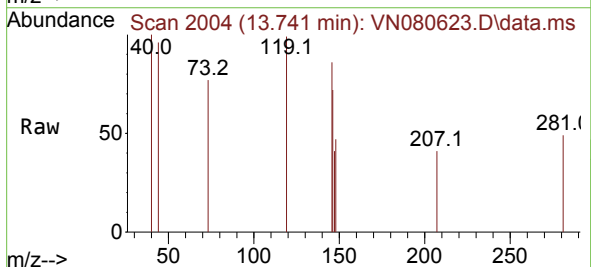
Instrument :
MSVOA_N
ClientSampleId :

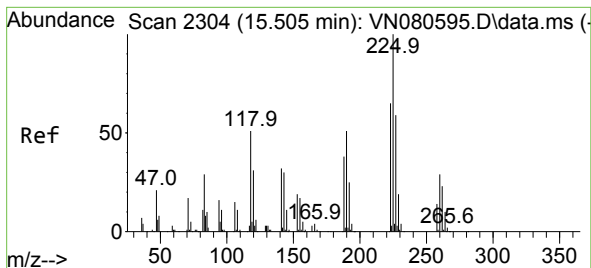
Tgt Ion: 75 Resp: 129042
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#86
p-Isopropyltoluene
Concen: 0.484 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.012 min
Lab File: VN080623.D
Acq: 02 Jan 2024 14:32

Tgt Ion: 119 Resp: 462
Ion Ratio Lower Upper
119 100
134 0.0 12.6 37.8#
91 24.9 12.4 37.2





#94

Hexachlorobutadiene

Concen: 0.247 ug/l

RT: 15.506 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080623.D

Acq: 02 Jan 2024 14:32

Instrument :

MSVOA_N

ClientSampleId :

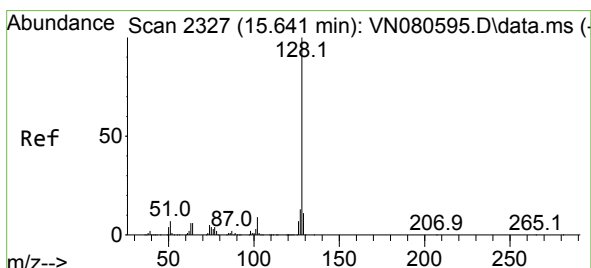
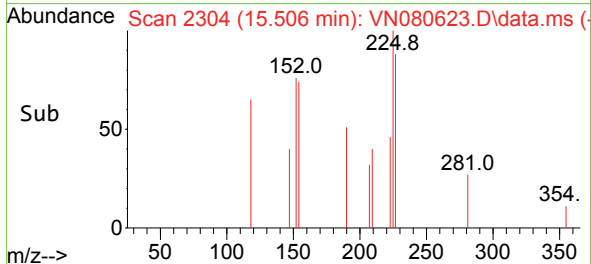
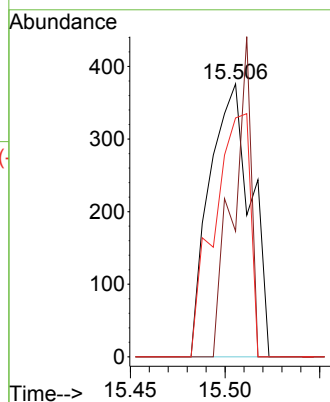
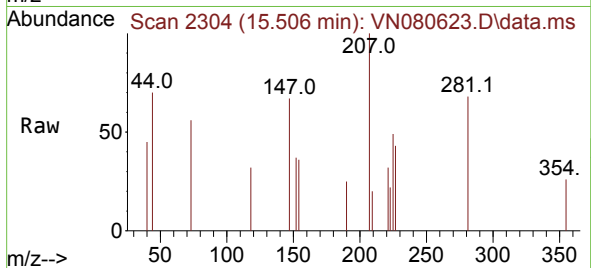
Tgt Ion:225 Resp: 569

Ion Ratio Lower Upper

225 100

223 51.7 31.3 93.8

227 78.0 31.9 95.9



#95

Naphthalene

Concen: 0.270 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080623.D

Acq: 02 Jan 2024 14:32

Tgt Ion:128 Resp: 3752

Ion Ratio Lower Upper

128 100

127 11.6 10.0 15.0

129 9.5 8.7 13.1

