

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081856.D
 Acq On : 25 Apr 2024 17:28
 Operator : JC\MD
 Sample : P2257-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 45A

Quant Time: Apr 26 05:38:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

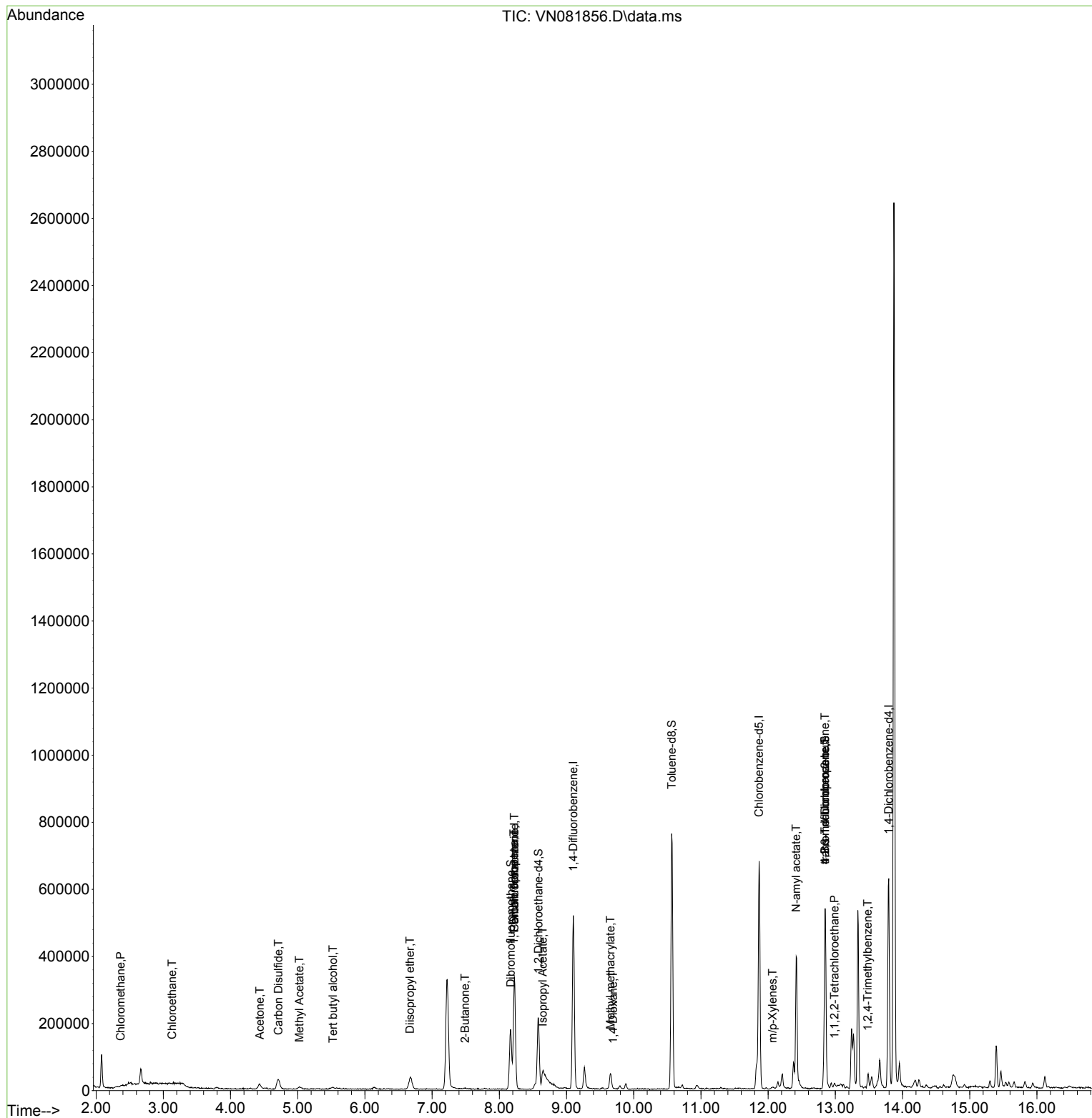
Internal Standards						
1) Pentafluorobenzene	8.224	168	222455	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	422572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	360394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	175518	46.749	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.500%
35) Dibromofluoromethane	8.171	113	124663	48.998	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.000%
50) Toluene-d8	10.565	98	514910	51.530	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.060%
62) 4-Bromofluorobenzene	12.847	95	192475	48.728	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	97.460%
Target Compounds						
						Qvalue
3) Chloromethane	2.365	50	864	0.265	ug/l	# 43
5) Bromomethane	2.959	94	532	Below Cal	#	11
6) Chloroethane	3.130	64	476	0.319	ug/l	# 44
11) Tert butyl alcohol	5.524	59	9323	13.660	ug/l	# 92
13) Acrolein	4.189	56	453	Below Cal	#	1
16) Acetone	4.436	43	29383	21.468	ug/l	96
17) Carbon Disulfide	4.712	76	2468	0.305	ug/l	# 74
18) Methyl Acetate	5.024	43	12934	3.401	ug/l	# 88
22) Diisopropyl ether	6.671	45	2217	0.201	ug/l	# 30
25) 2-Butanone	7.489	43	5972	2.803	ug/l	# 81
36) 1,1-Dichloropropene	8.218	75	21561	5.209	ug/l	# 48
38) Carbon Tetrachloride	8.224	117	23651	5.846	ug/l	# 16
43) Isopropyl Acetate	8.647	43	96234	11.436	ug/l	# 53
48) Methyl methacrylate	9.653	41	13451	3.348	ug/l	# 42
49) 1,4-Dioxane	9.694	88	867	14.200	ug/l	# 28
68) m/p-Xylenes	12.065	106	1482	0.284	ug/l	94
74) N-amyl acetate	12.418	43	83083	11.318	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.988	83	9184	2.319	ug/l	# 27
76) 1,2,3-Trichloropropane	12.847	75	103331	26.873	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.847	75	103331	55.066	ug/l	# 13
84) 1,2,4-Trimethylbenzene	13.482	105	4834	0.434	ug/l	92

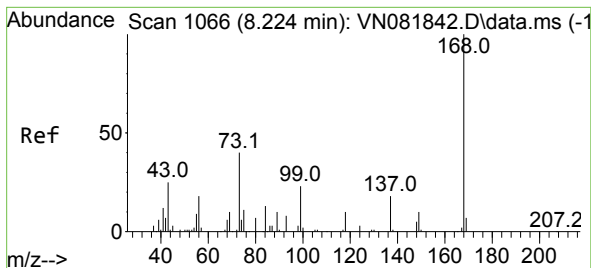
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
Data File : VN081856.D
Acq On : 25 Apr 2024 17:28
Operator : JC\MD
Sample : P2257-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
45A

Quant Time: Apr 26 05:38:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 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: VN081856.D

Acq: 25 Apr 2024 17:28

Instrument :

MSVOA_N

ClientSampleId :

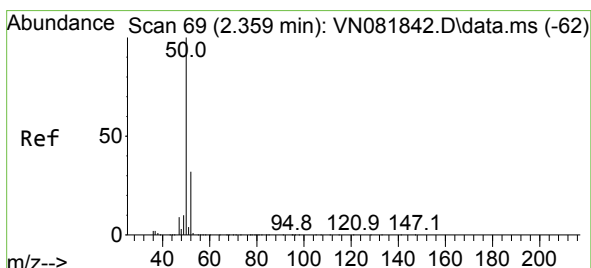
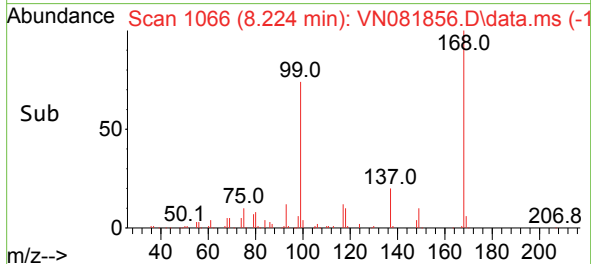
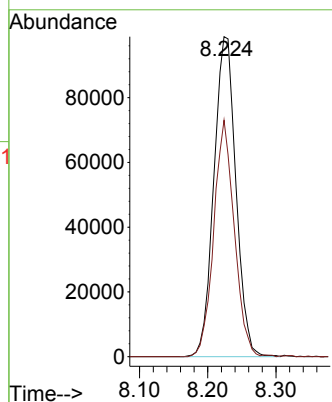
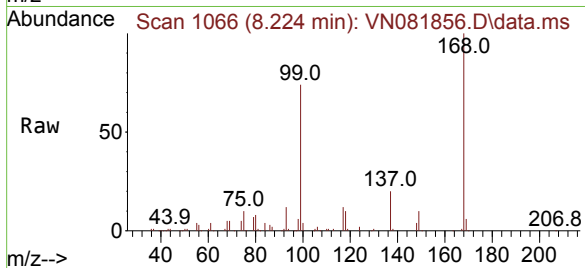
45A

Tgt Ion:168 Resp: 222455

Ion Ratio Lower Upper

168 100

99 73.9 48.2 72.4#



#3

Chloromethane

Concen: 0.265 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN081856.D

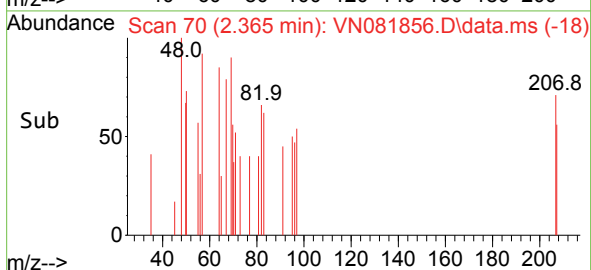
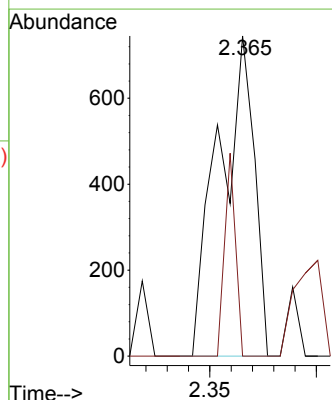
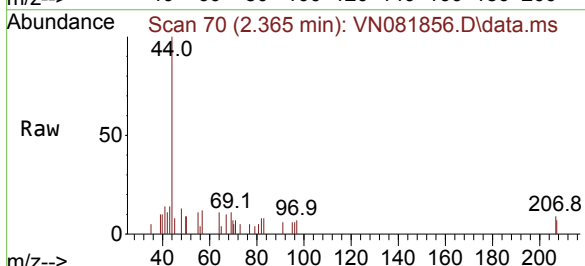
Acq: 25 Apr 2024 17:28

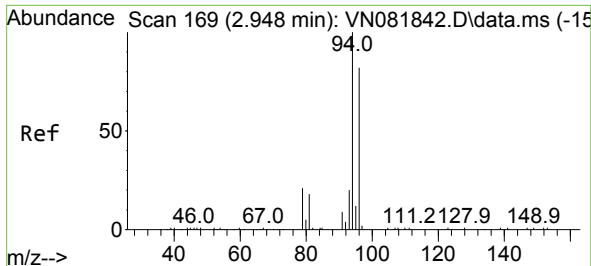
Tgt Ion: 50 Resp: 864

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

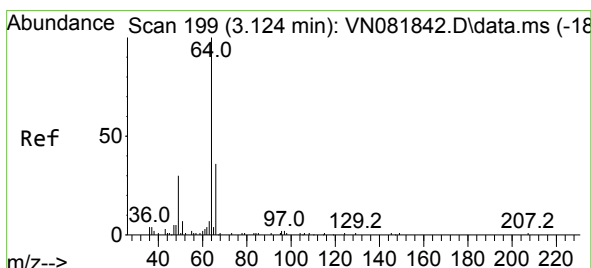
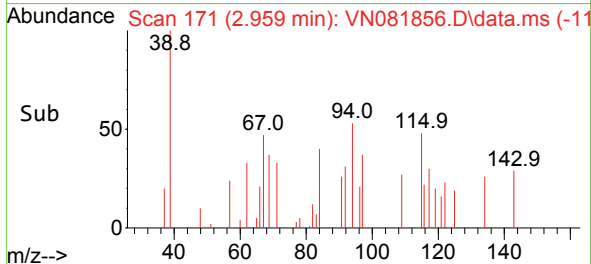
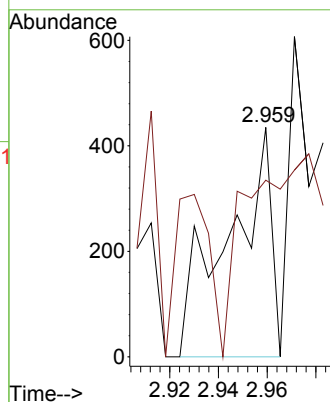
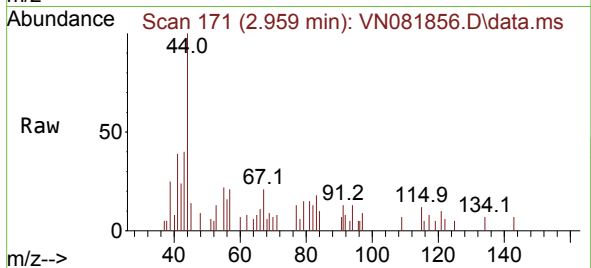




#5
Bromomethane
Concen: Below Cal
RT: 2.959 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

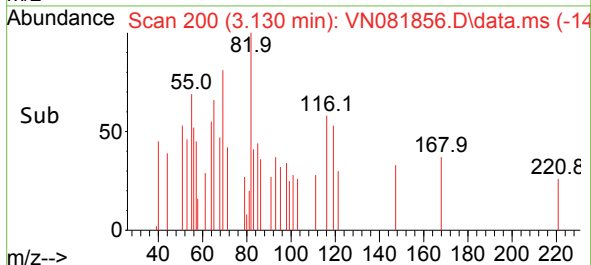
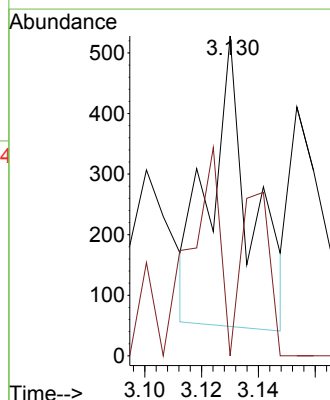
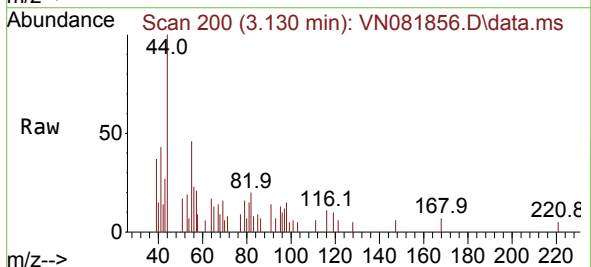
Instrument :
MSVOA_N
ClientSampleId :
45A

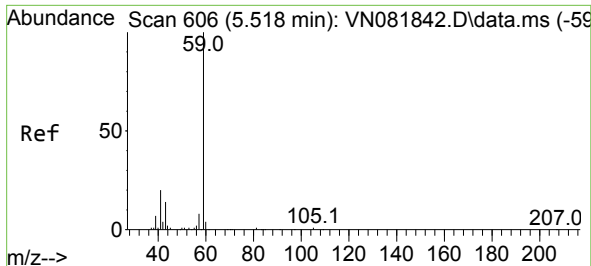
Tgt Ion: 94 Resp: 532
Ion Ratio Lower Upper
94 100
96 8.3 74.8 112.2#



#6
Chloroethane
Concen: 0.319 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

Tgt Ion: 64 Resp: 476
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

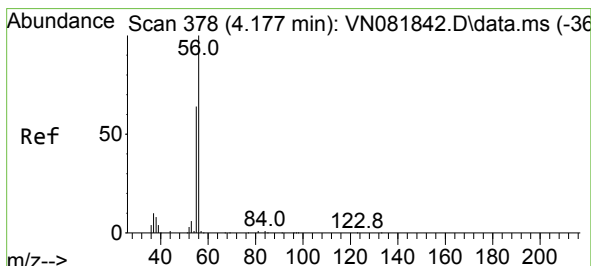
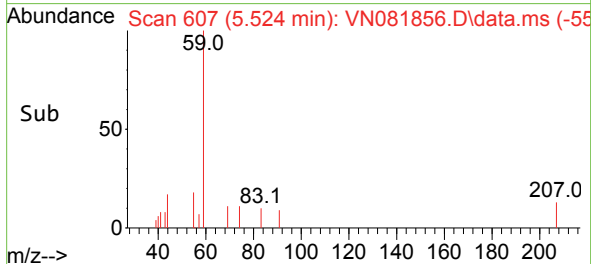
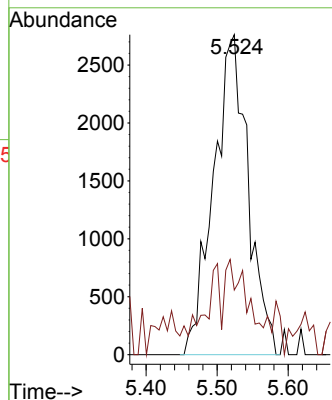
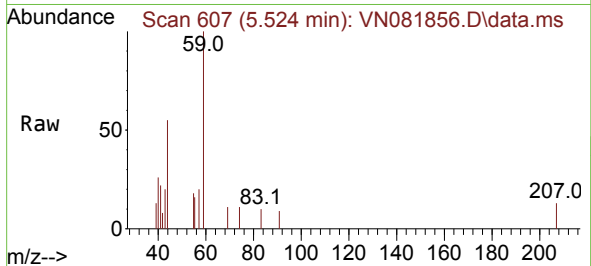




#11
Tert butyl alcohol
Concen: 13.660 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

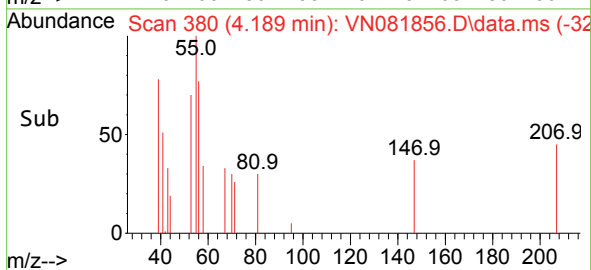
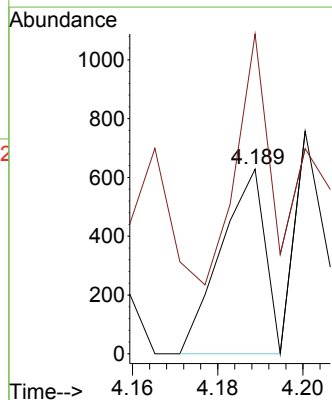
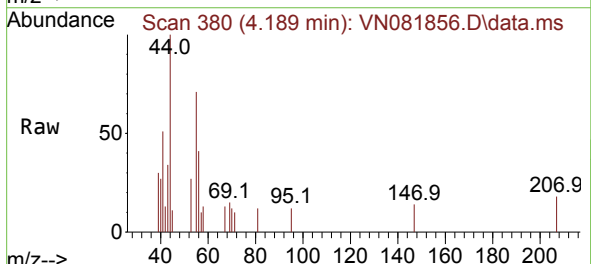
Instrument :
MSVOA_N
ClientSampleId :
45A

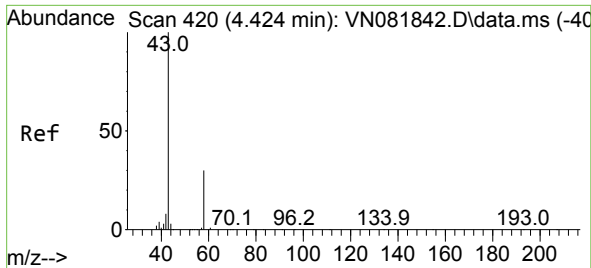
Tgt Ion: 59 Resp: 9323
Ion Ratio Lower Upper
59 100
57 14.1 8.9 13.3#



#13
Acrolein
Concen: Below Cal
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

Tgt Ion: 56 Resp: 453
Ion Ratio Lower Upper
56 100
55 174.4 55.8 83.8#

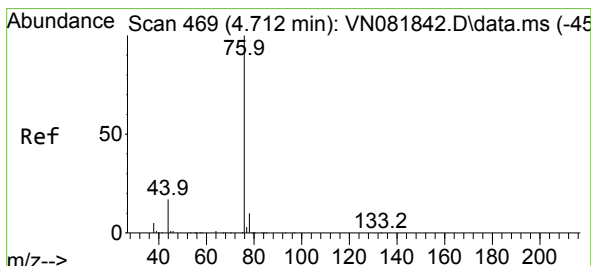
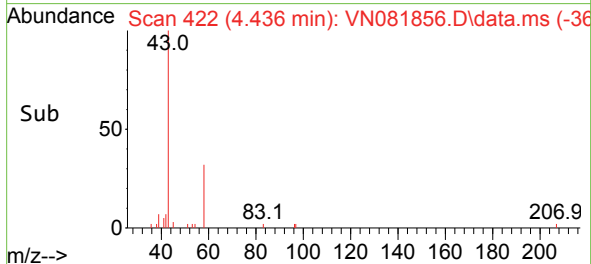
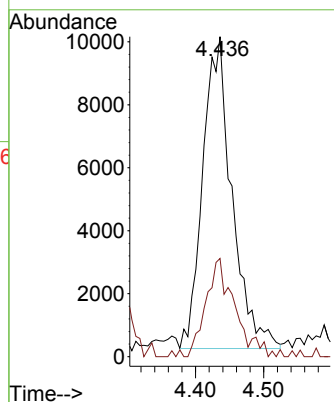
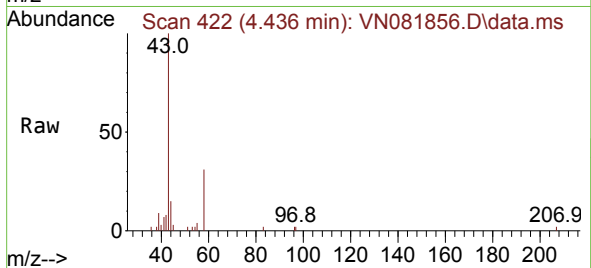




#16
Acetone
Concen: 21.468 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

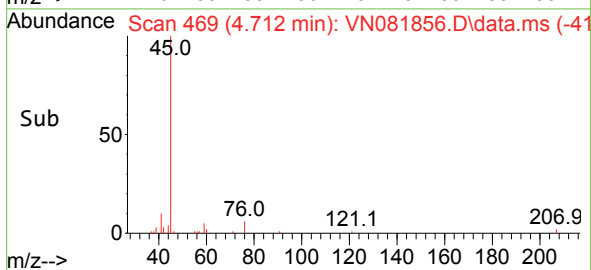
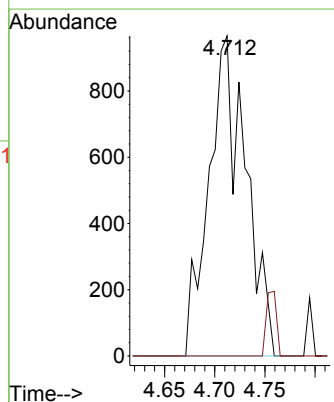
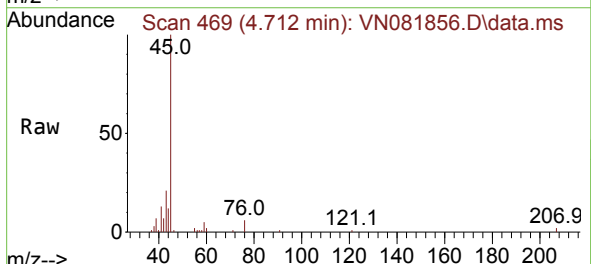
Instrument :
MSVOA_N
ClientSampleId :
45A

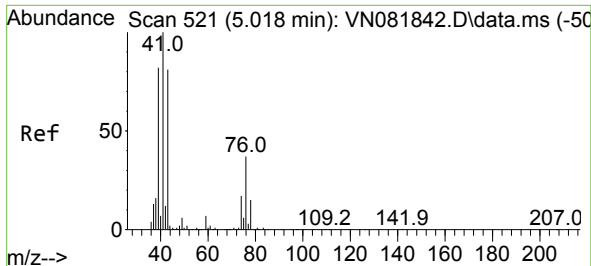
Tgt Ion: 43 Resp: 29383
Ion Ratio Lower Upper
43 100
58 29.4 25.2 37.8



#17
Carbon Disulfide
Concen: 0.305 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

Tgt Ion: 76 Resp: 2468
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

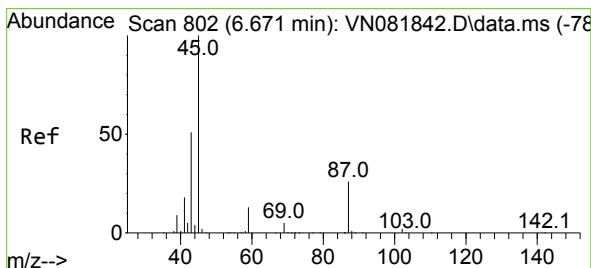
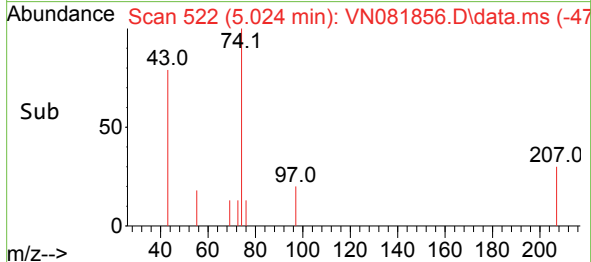
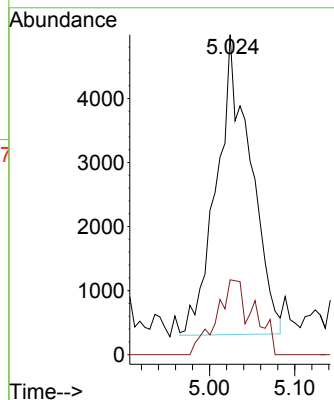
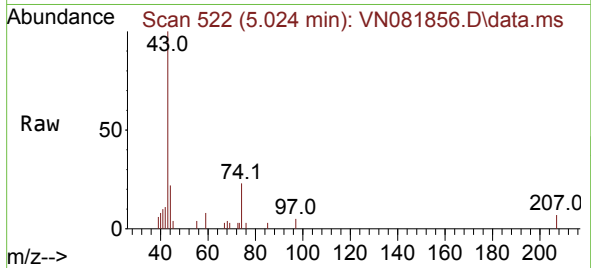




#18
Methyl Acetate
Concen: 3.401 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

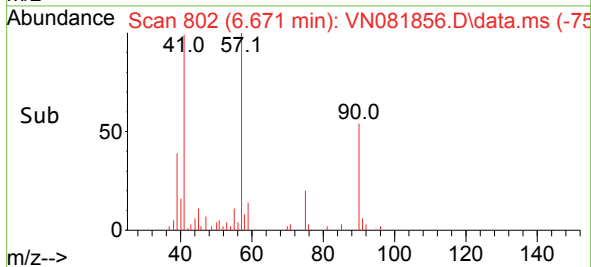
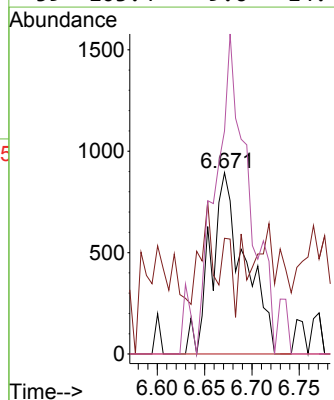
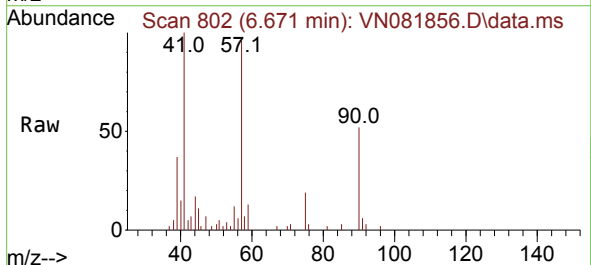
Instrument :
MSVOA_N
ClientSampleId :
45A

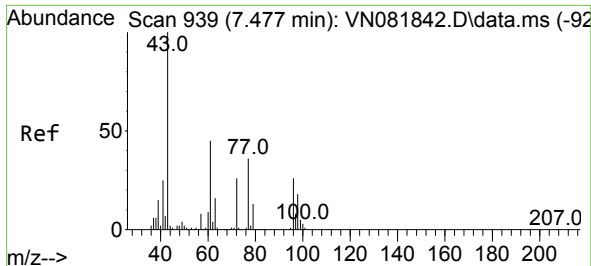
Tgt Ion: 43 Resp: 12934
Ion Ratio Lower Upper
43 100
74 21.3 22.2 33.2#



#22
Diisopropyl ether
Concen: 0.201 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

Tgt Ion: 45 Resp: 2217
Ion Ratio Lower Upper
45 100
43 26.1 44.1 66.1#
87 0.0 27.0 40.6#
59 103.4 9.6 14.4#

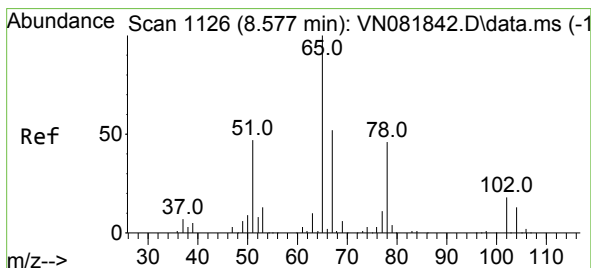
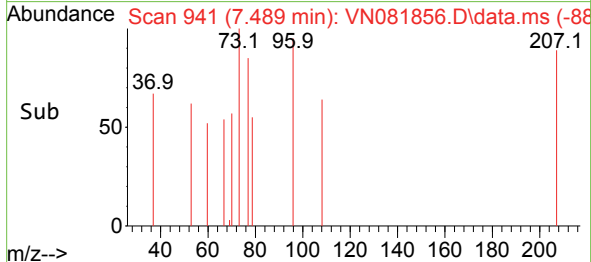
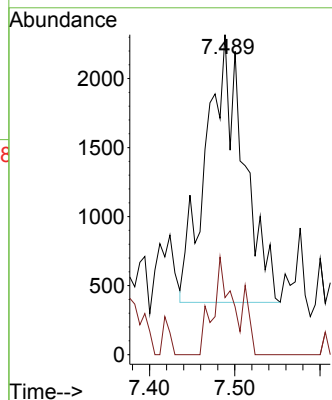
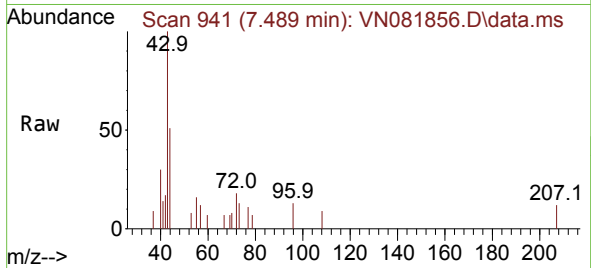




#25
2-Butanone
Concen: 2.803 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

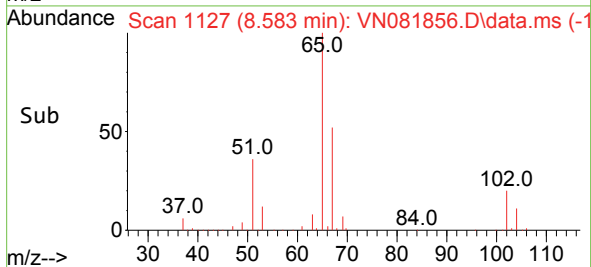
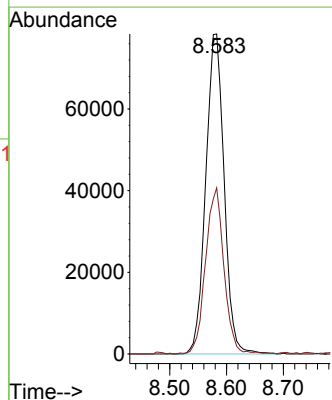
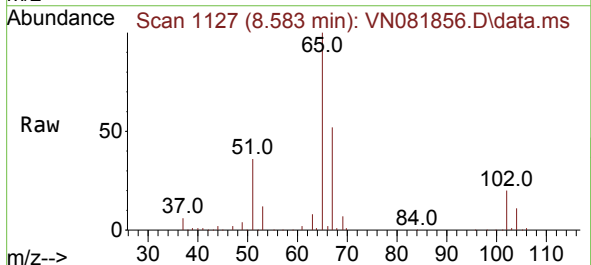
Instrument :
MSVOA_N
ClientSampleId :
45A

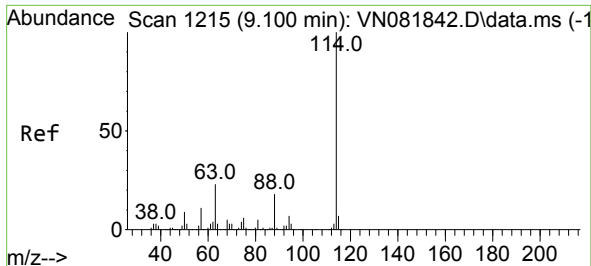
Tgt Ion: 43 Resp: 5972
Ion Ratio Lower Upper
43 100
72 21.3 25.3 37.9#



#33
1,2-Dichloroethane-d4
Concen: 46.749 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

Tgt Ion: 65 Resp: 175518
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0

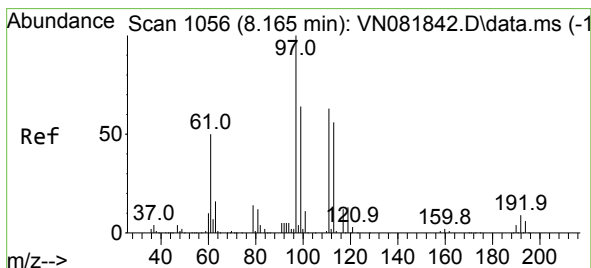
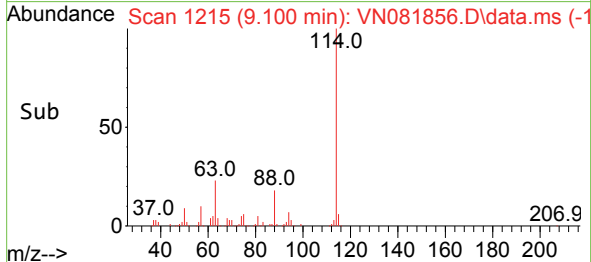
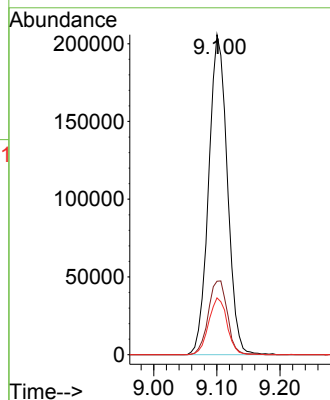
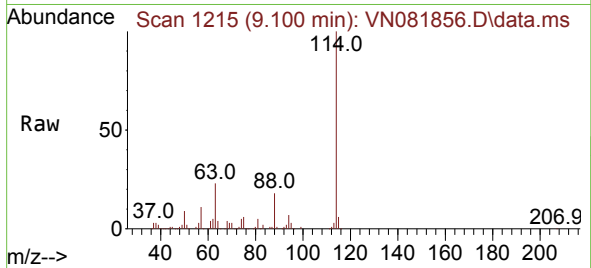




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

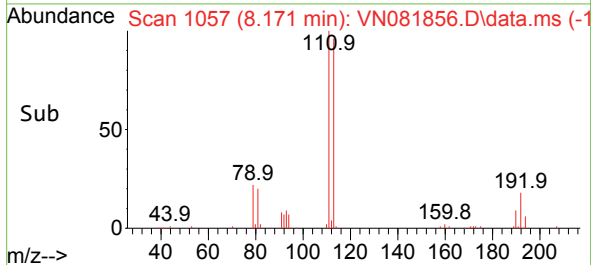
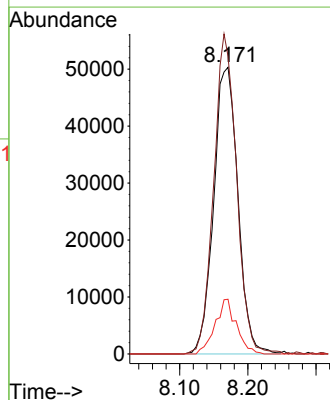
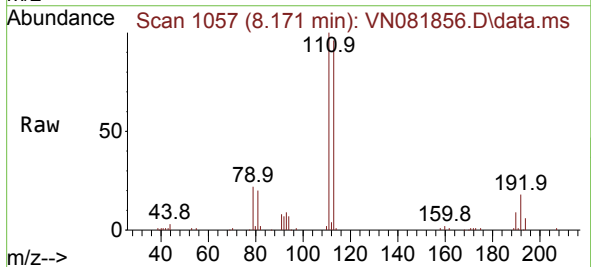
Instrument :
MSVOA_N
ClientSampleId :
45A

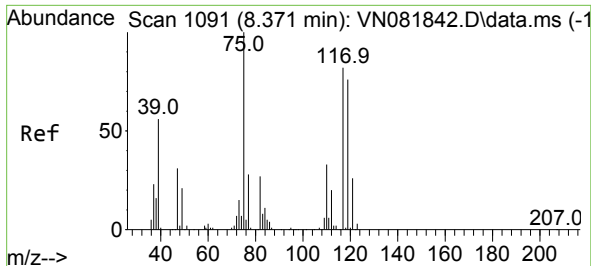
Tgt Ion:114 Resp: 422572
Ion Ratio Lower Upper
114 100
63 23.0 0.0 41.0
88 17.7 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.998 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

Tgt Ion:113 Resp: 124663
Ion Ratio Lower Upper
113 100
111 105.1 83.4 125.2
192 16.7 14.0 21.0

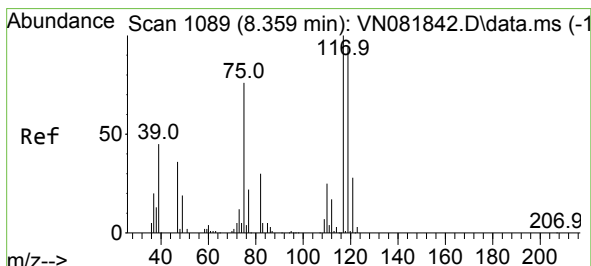
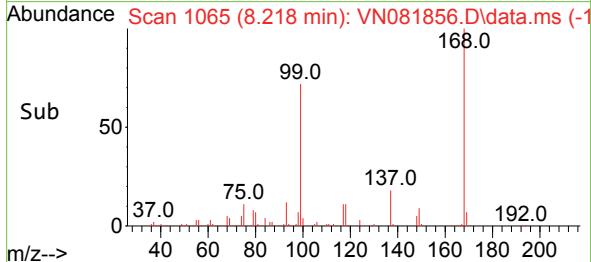
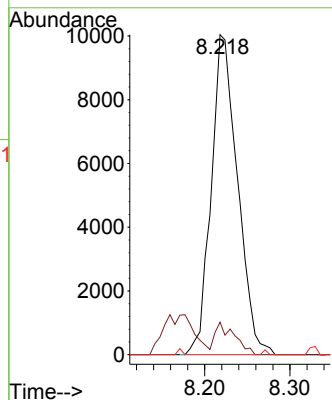
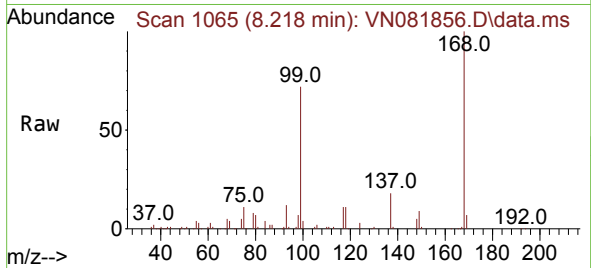




#36
1,1-Dichloropropene
Concen: 5.209 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

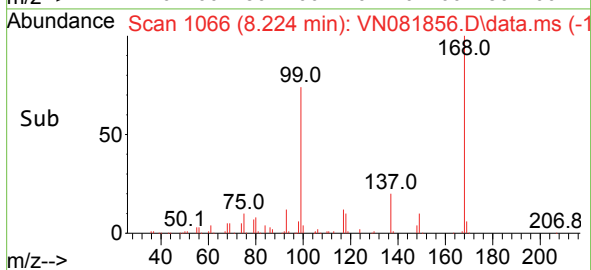
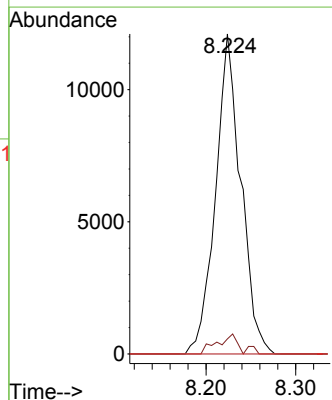
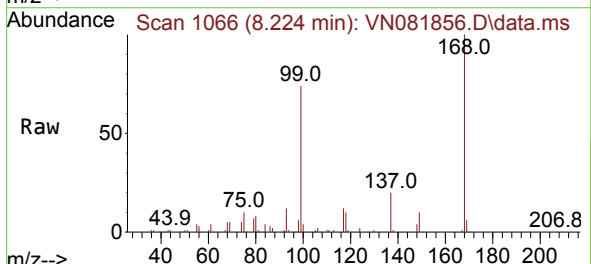
Instrument :
MSVOA_N
ClientSampleId :
45A

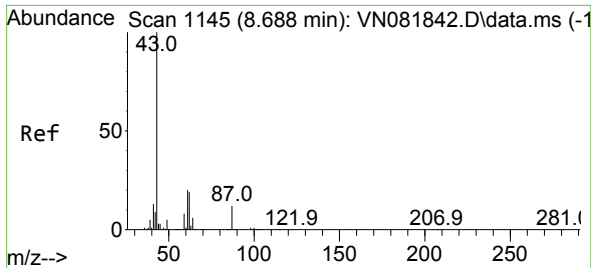
Tgt Ion: 75 Resp: 21561
Ion Ratio Lower Upper
75 100
110 7.5 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.846 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

Tgt Ion: 117 Resp: 23651
Ion Ratio Lower Upper
117 100
119 4.7 76.5 114.7#
121 0.0 23.9 35.9#

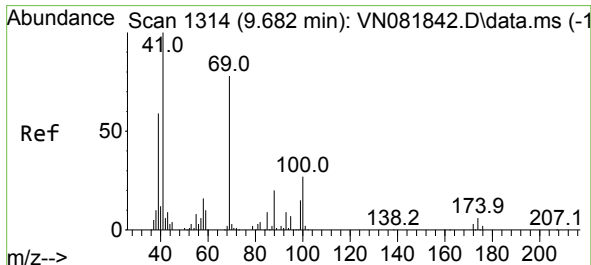
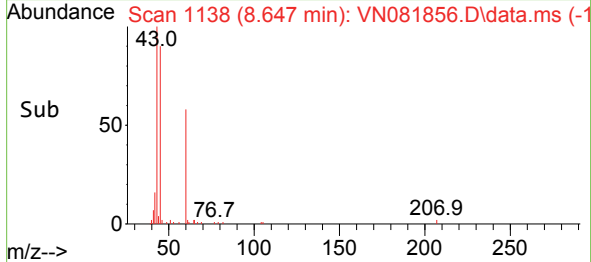
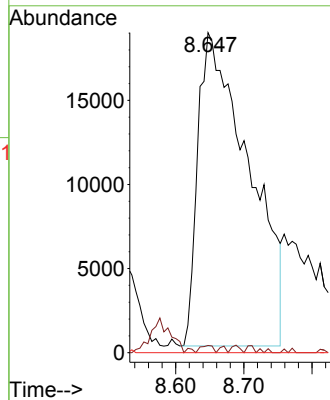
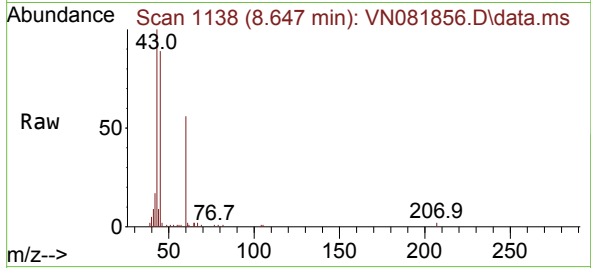




#43
Isopropyl Acetate
Concen: 11.436 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.041 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

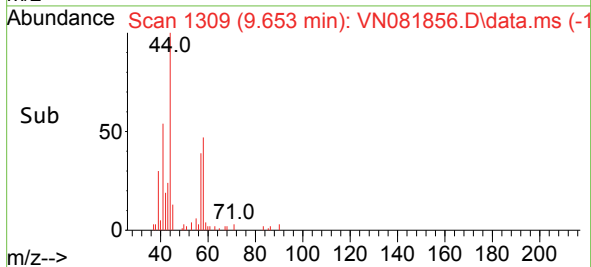
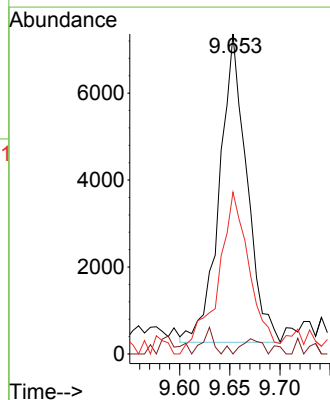
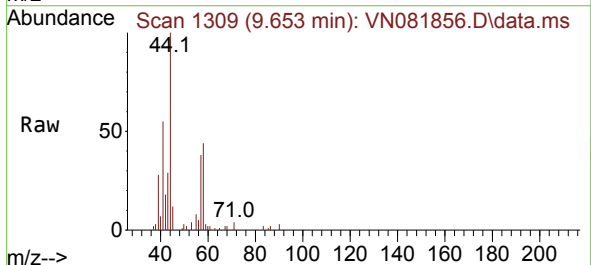
Instrument :
MSVOA_N
ClientSampleId :
45A

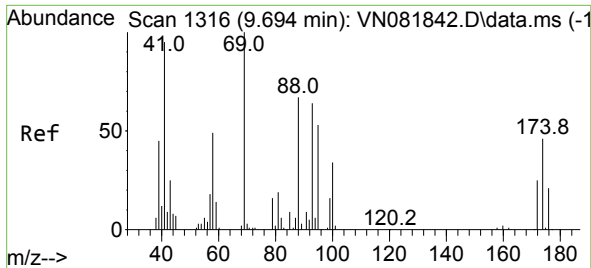
Tgt Ion:	43	Resp:	96234
Ion Ratio	Lower	Upper	
43	100		
61	0.6	22.8	34.2#
87	0.0	12.0	18.0#



#48
Methyl methacrylate
Concen: 3.348 ug/l
RT: 9.653 min Scan# 1309
Delta R.T. -0.029 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

Tgt Ion:	41	Resp:	13451
Ion Ratio	Lower	Upper	
41	100		
69	3.9	77.9	116.9#
39	61.6	50.9	76.3

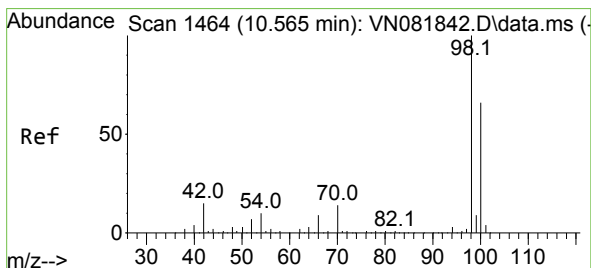
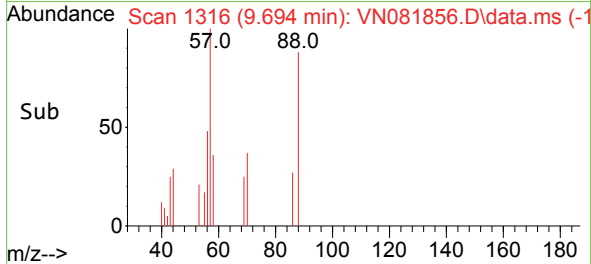
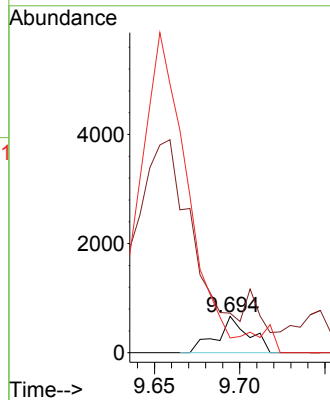
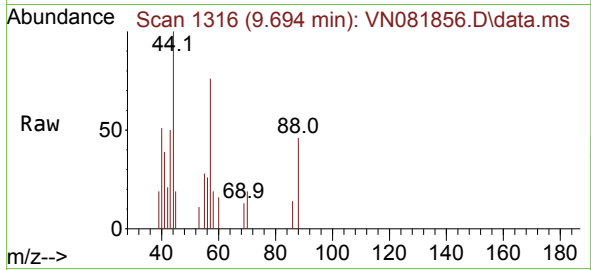




#49
1,4-Dioxane
Concen: 14.200 ug/l
RT: 9.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

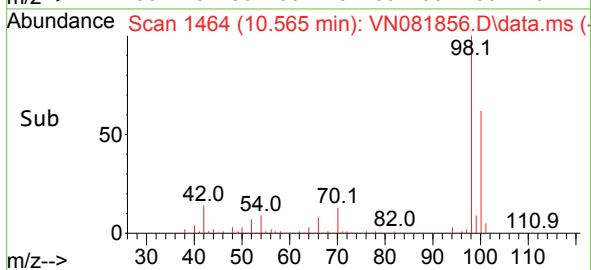
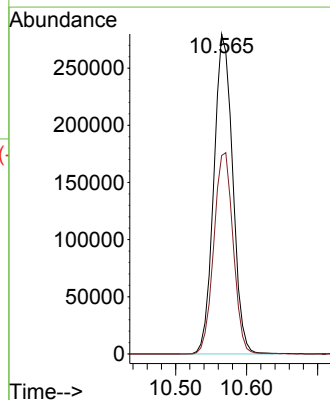
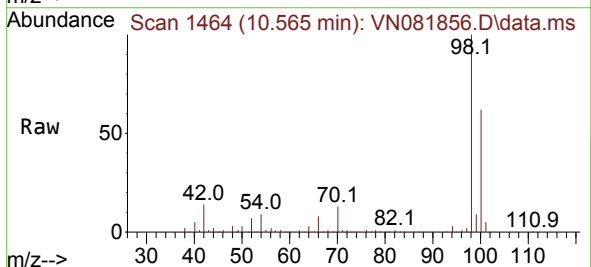
Instrument :
MSVOA_N
ClientSampleId :
45A

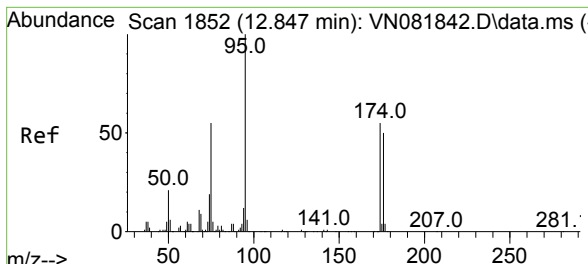
Tgt Ion: 88 Resp: 867
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.6#
58 0.0 50.6 76.0#



#50
Toluene-d8
Concen: 51.530 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

Tgt Ion: 98 Resp: 514910
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

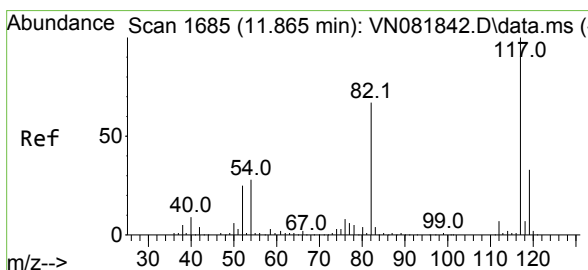
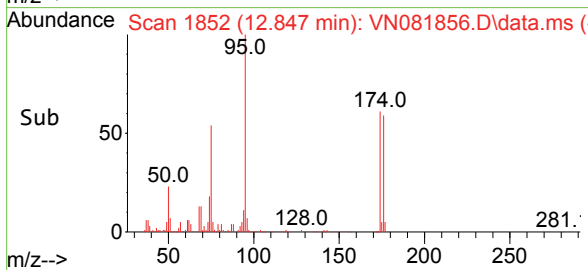
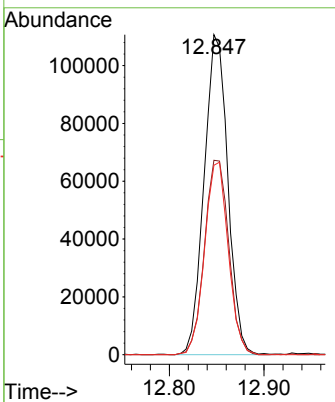
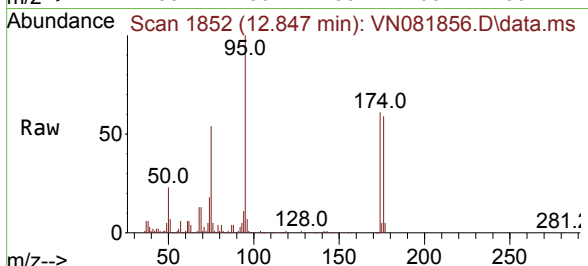




#62
 4-Bromofluorobenzene
 Concen: 48.728 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: VN081856.D
 Acq: 25 Apr 2024 17:28

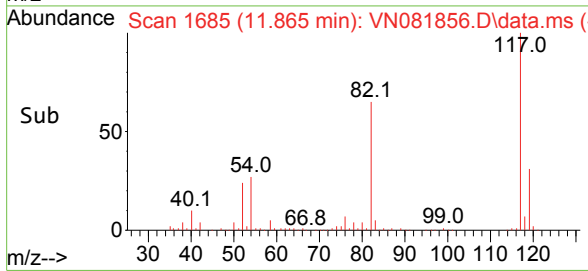
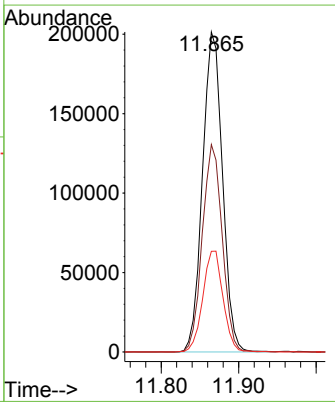
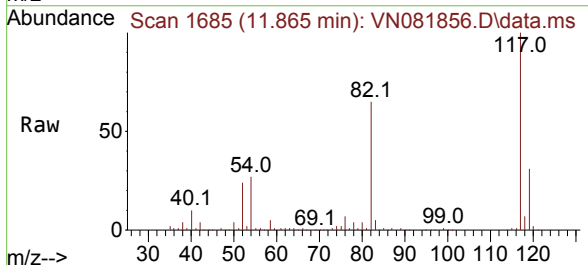
Instrument :
 MSVOA_N
 ClientSampleId :
 45A

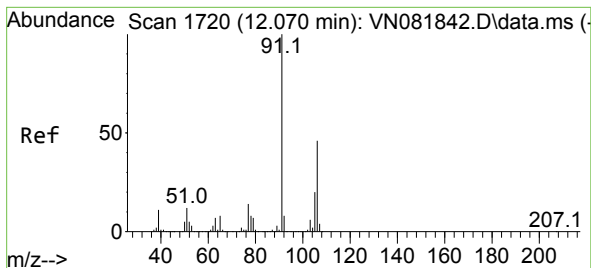
Tgt Ion:	95	Resp:	192475
Ion	Ratio	Lower	Upper
95	100		
174	62.4	0.0	160.6
176	60.0	0.0	152.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN081856.D
 Acq: 25 Apr 2024 17:28

Tgt Ion:	117	Resp:	360394
Ion	Ratio	Lower	Upper
117	100		
82	64.8	44.6	66.8
119	31.4	25.9	38.9

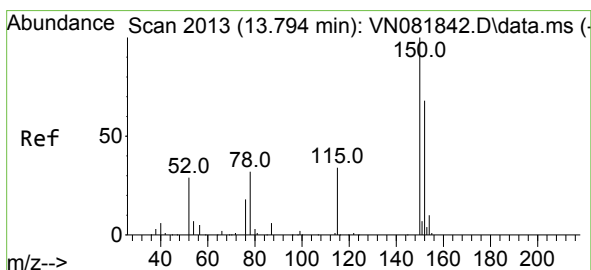
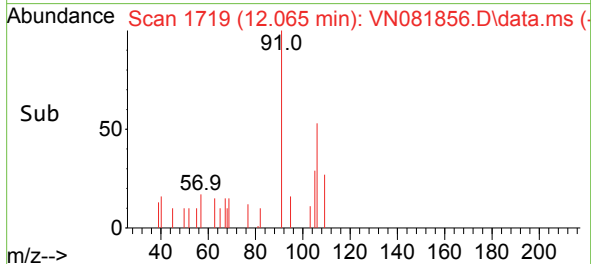
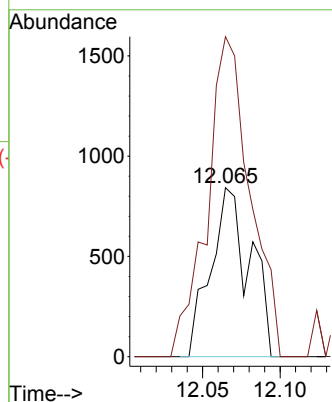
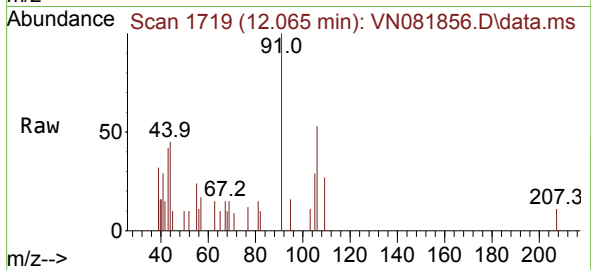




#68
m/p-Xylenes
Concen: 0.284 ug/l
RT: 12.065 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

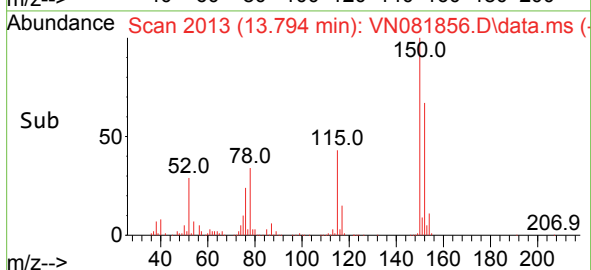
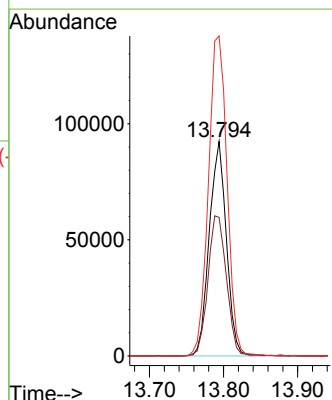
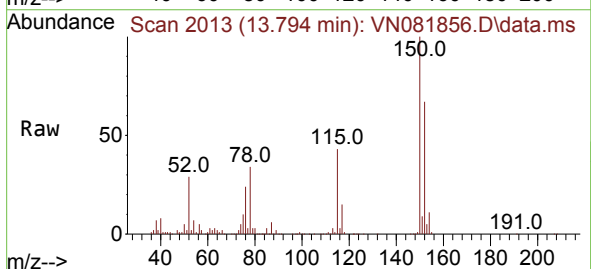
Instrument :
MSVOA_N
ClientSampleId :
45A

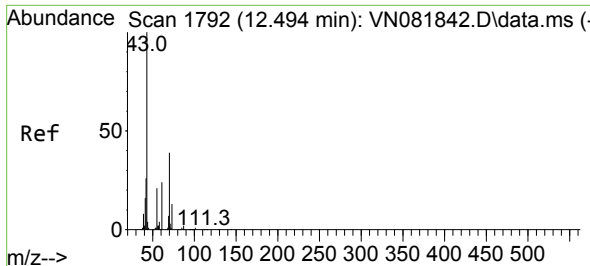
Tgt Ion:106 Resp: 1482
Ion Ratio Lower Upper
106 100
91 207.6 159.4 239.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

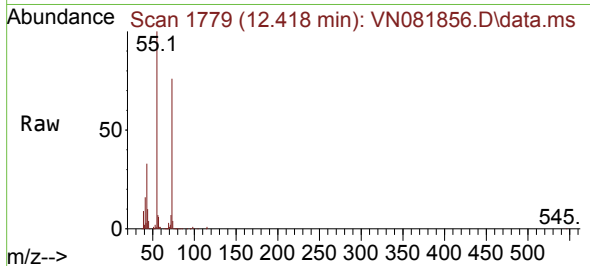
Tgt Ion:152 Resp: 148303
Ion Ratio Lower Upper
152 100
115 70.7 30.4 91.3
150 162.1 0.0 353.2



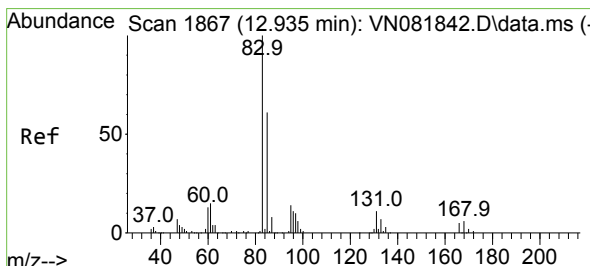
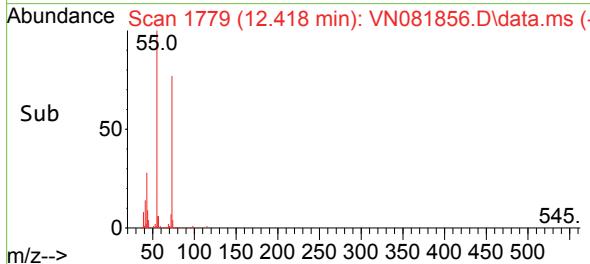
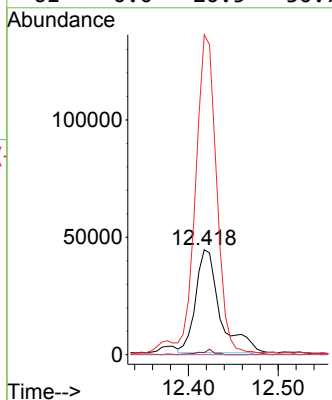


#74
N-amy1 acetate
Concen: 11.318 ug/l
RT: 12.418 min Scan# 1111
Delta R.T. -0.076 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

Instrument :
MSVOA_N
ClientSampleId :
45A

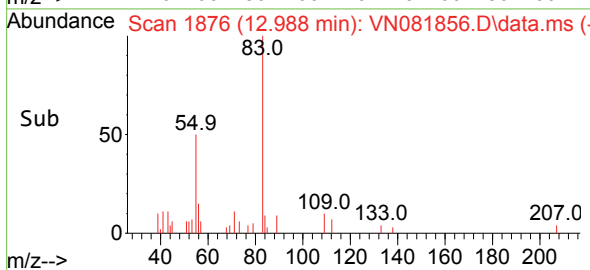
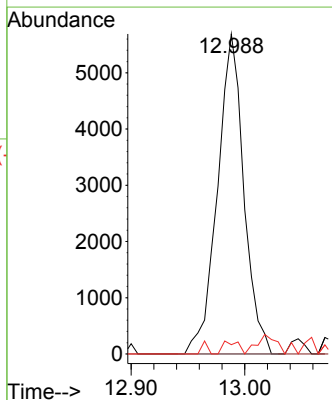
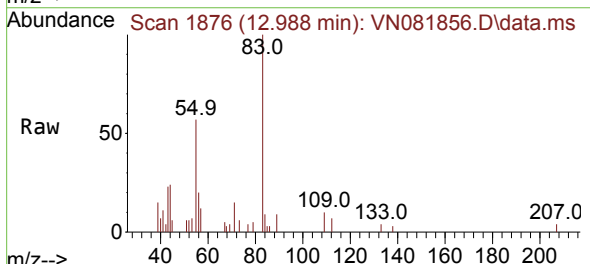


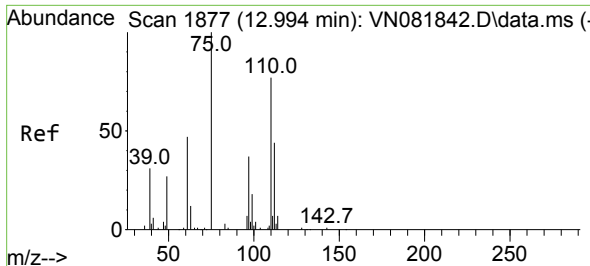
Tgt Ion:	43	Resp:	83083
Ion	Ratio	Lower	Upper
43	100		
70	2.9	39.0	58.4#
55	272.5	21.3	31.9#
61	0.0	20.5	30.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 2.319 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.053 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

Tgt Ion:	83	Resp:	9184
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.4#
85	2.3	32.9	98.6#

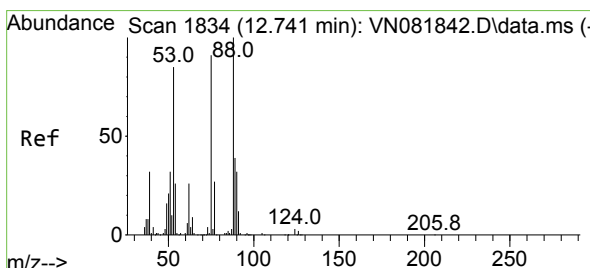
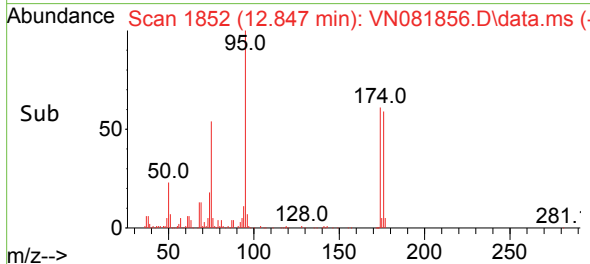
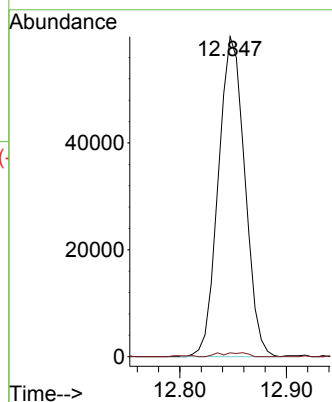
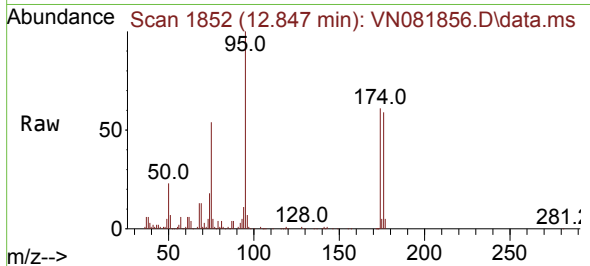




#76
1,2,3-Trichloropropane
Concen: 26.873 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

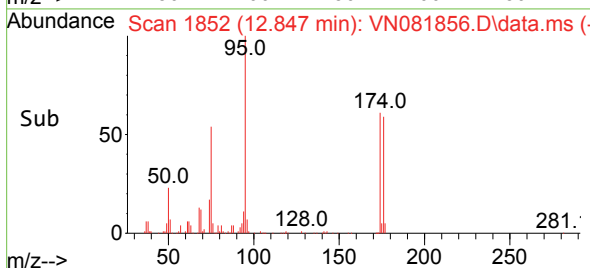
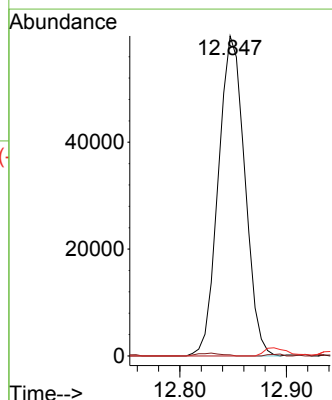
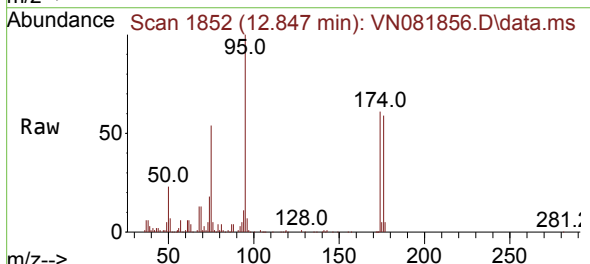
Instrument :
MSVOA_N
ClientSampleId :
45A

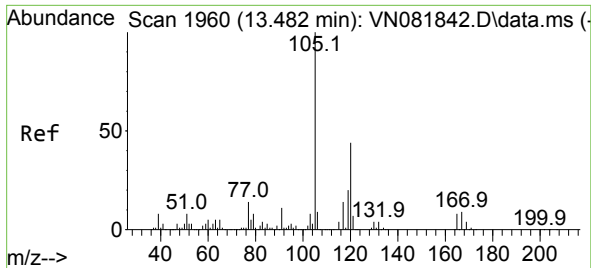
Tgt Ion: 75 Resp: 103331
Ion Ratio Lower Upper
75 100
77 0.9 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.066 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

Tgt Ion: 75 Resp: 103331
Ion Ratio Lower Upper
75 100
53 0.8 72.9 109.3#
89 0.0 39.1 58.7#





#84

1,2,4-Trimethylbenzene

Concen: 0.434 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081856.D

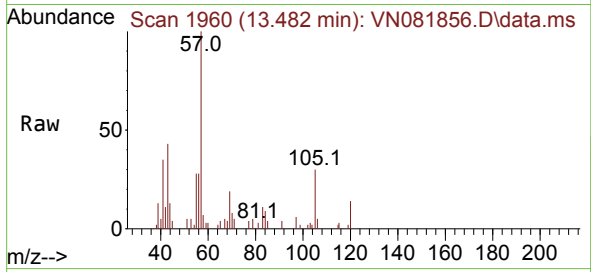
Acq: 25 Apr 2024 17:28

Instrument :

MSVOA_N

ClientSampleId :

45A



Tgt Ion:105 Resp: 4834

Ion Ratio Lower Upper

105 100

120 51.2 22.9 68.7

