

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060424\
 Data File : VN082453.D
 Acq On : 04 Jun 2024 11:23
 Operator : JC\MD
 Sample : VN0604WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 05 03:18:19 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)

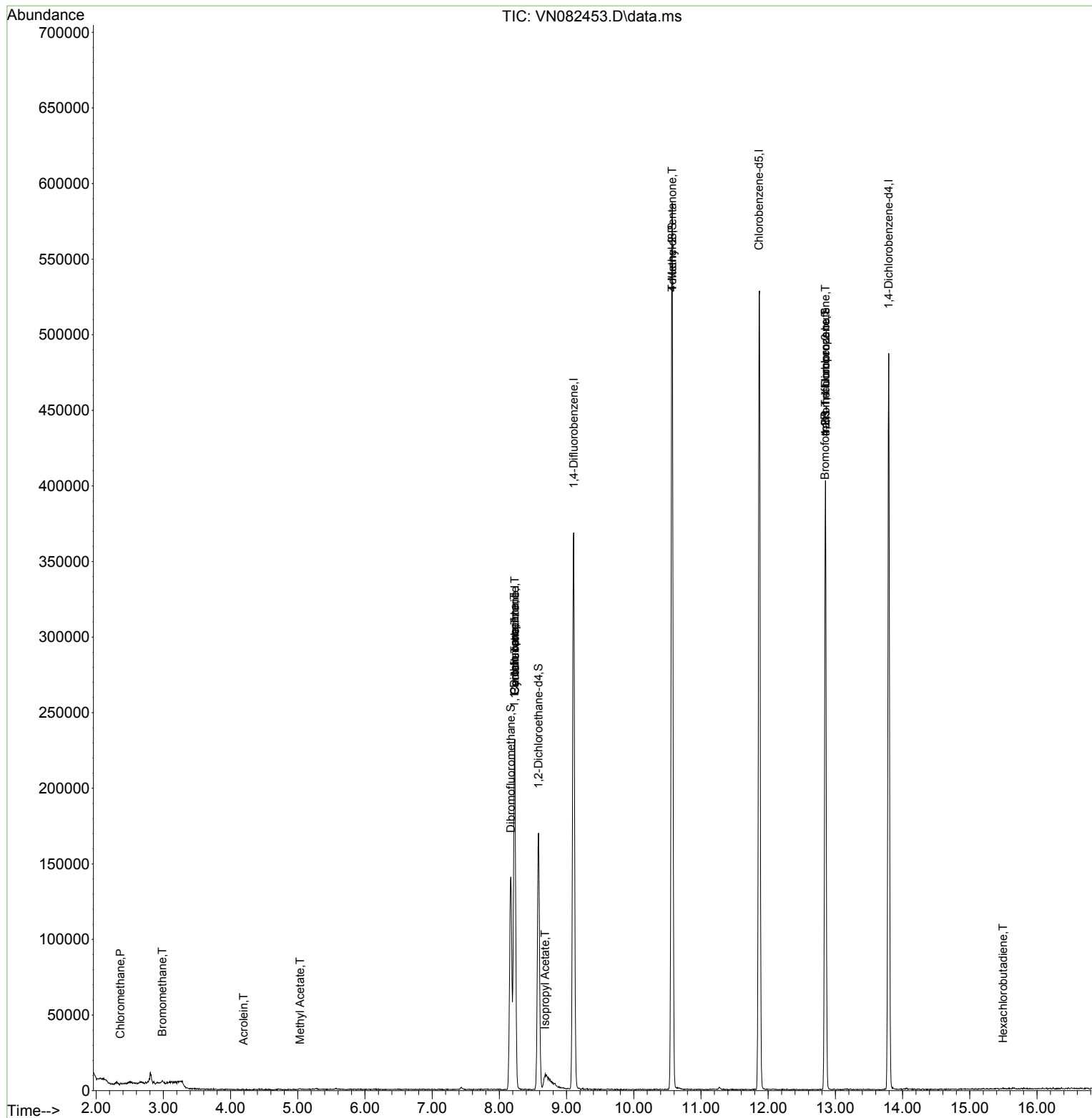
Internal Standards						
1) Pentafluorobenzene	8.230	168	161584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	294302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	138942	54.456	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.920%	
35) Dibromofluoromethane	8.171	113	99684	55.062	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.120%	
50) Toluene-d8	10.571	98	379573	54.686	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.380%	
62) 4-Bromofluorobenzene	12.853	95	127136	51.318	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.640%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	544	0.206	ug/l #	43
5) Bromomethane	2.983	94	872	0.611	ug/l	84
13) Acrolein	4.194	56	74	0.244	ug/l	98
18) Methyl Acetate	5.036	43	523	0.201	ug/l #	47
31) Cyclohexane	8.230	56	4800	1.178	ug/l #	26
36) 1,1-Dichloropropene	8.224	75	14924	4.915	ug/l #	49
38) Carbon Tetrachloride	8.230	117	17426	5.662	ug/l #	17
43) Isopropyl Acetate	8.682	43	12670	2.104	ug/l #	52
51) 4-Methyl-2-Pentanone	10.571	43	2293	0.670	ug/l #	1
71) Bromoform	12.847	173	361	0.920	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	74745	29.349	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	74745	68.647	ug/l #	12
94) Hexachlorobutadiene	15.494	225	198	0.205	ug/l #	42

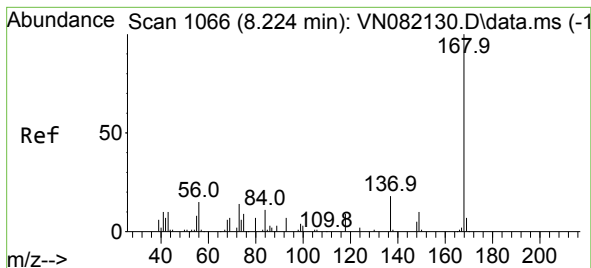
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082453.D

Acq: 04 Jun 2024 11:23

Instrument :

MSVOA_N

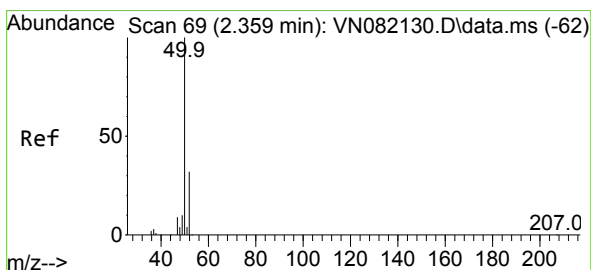
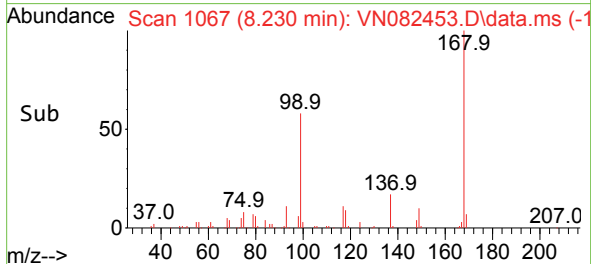
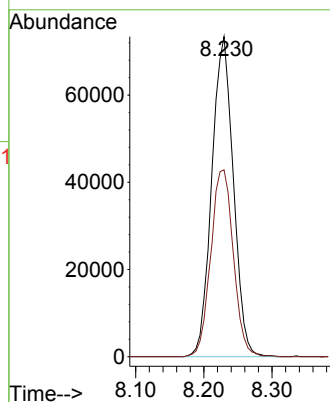
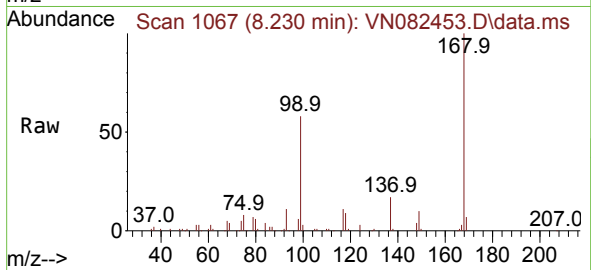
ClientSampleId :

Tgt Ion:168 Resp: 161584

Ion Ratio Lower Upper

168 100

99 58.4 48.2 72.4



#3

Chloromethane

Concen: 0.206 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN082453.D

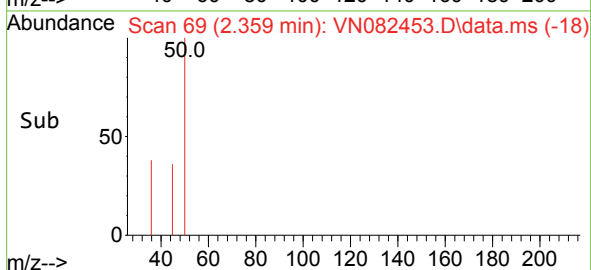
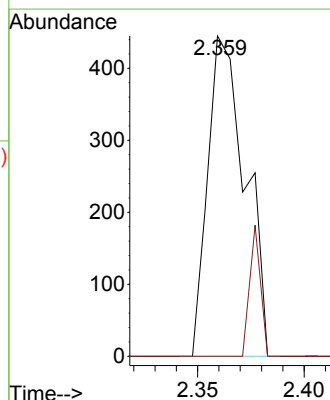
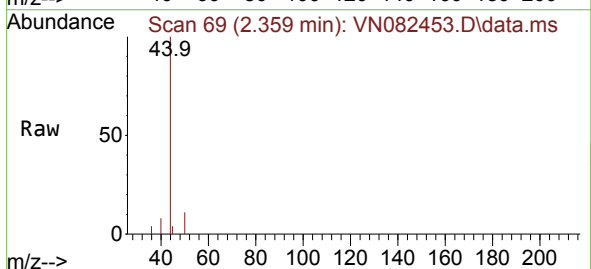
Acq: 04 Jun 2024 11:23

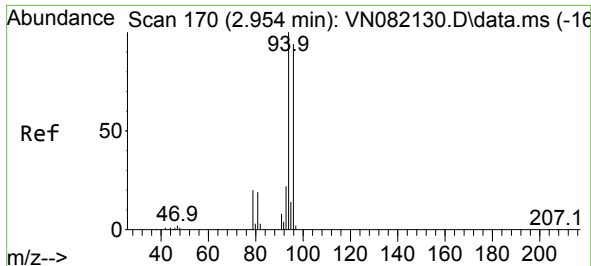
Tgt Ion: 50 Resp: 544

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

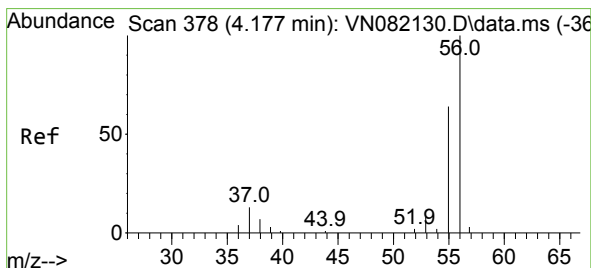
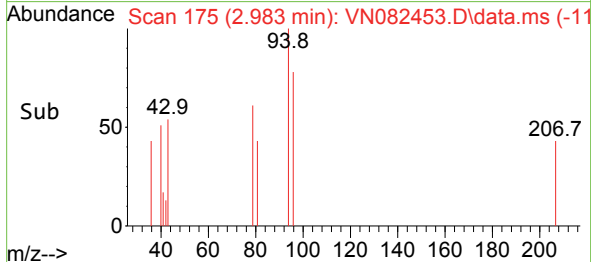
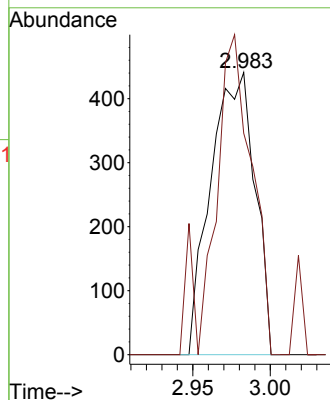
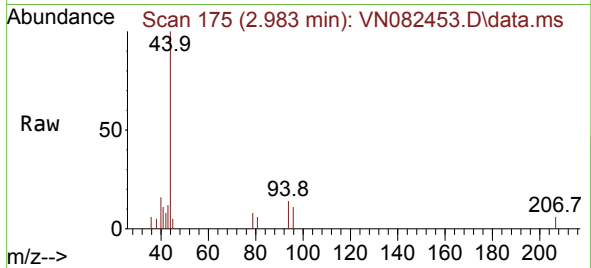




#5
Bromomethane
Concen: 0.611 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN082453.D
Acq: 04 Jun 2024 11:23

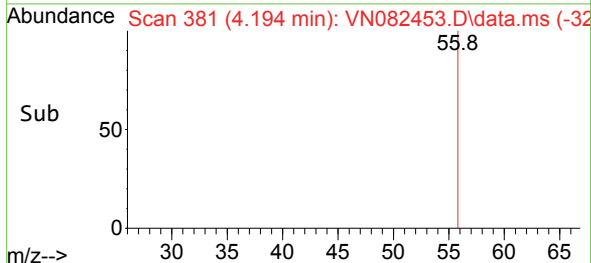
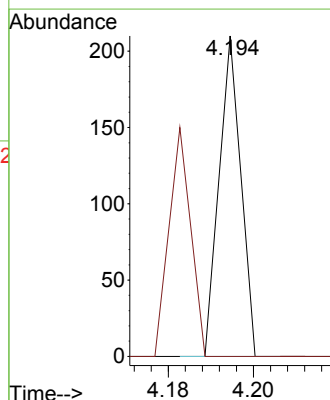
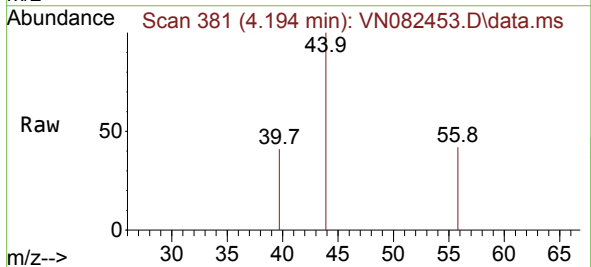
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 872
Ion Ratio Lower Upper
94 100
96 78.5 74.8 112.2



#13
Acrolein
Concen: 0.244 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.017 min
Lab File: VN082453.D
Acq: 04 Jun 2024 11:23

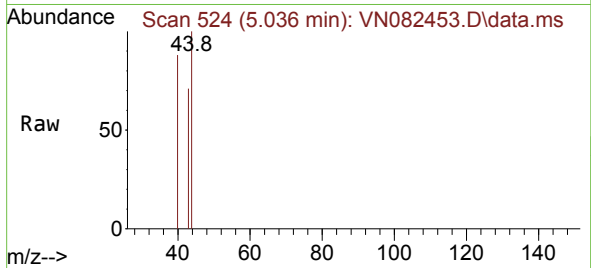
Tgt Ion: 56 Resp: 74
Ion Ratio Lower Upper
56 100
55 71.6 55.8 83.8



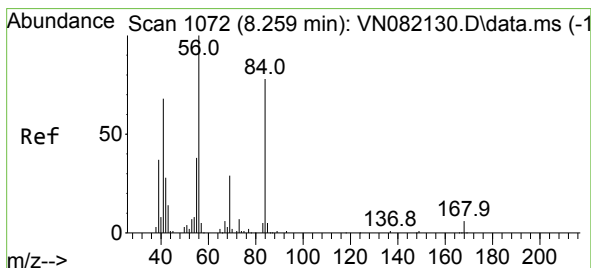
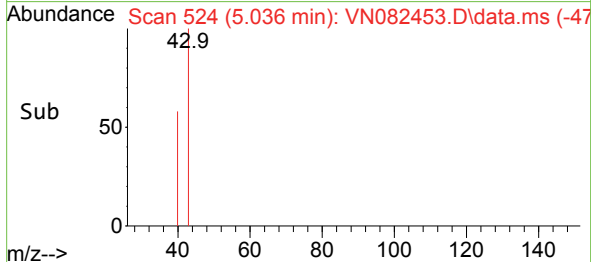
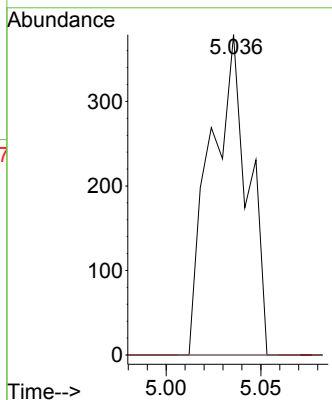


#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN082453.D
Acq: 04 Jun 2024 11:23

Instrument :
MSVOA_N
ClientSampleId :

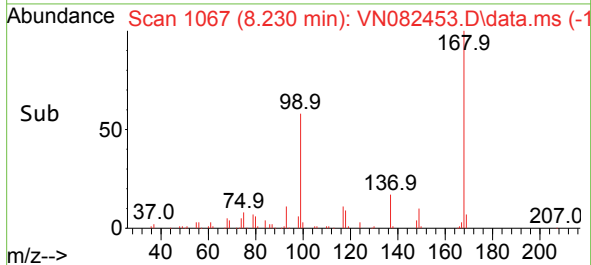
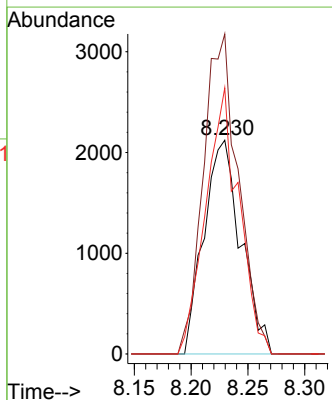
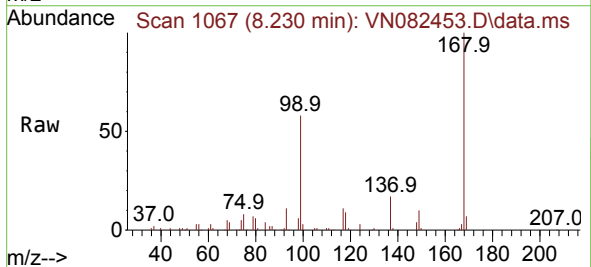


Tgt Ion: 43 Resp: 523
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#31
Cyclohexane
Concen: 1.178 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN082453.D
Acq: 04 Jun 2024 11:23

Tgt Ion: 56 Resp: 4800
Ion Ratio Lower Upper
56 100
69 149.6 24.4 36.6#
84 124.4 77.0 115.4#





#33

1,2-Dichloroethane-d4

Concen: 54.456 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082453.D

Acq: 04 Jun 2024 11:23

Instrument :

MSVOA_N

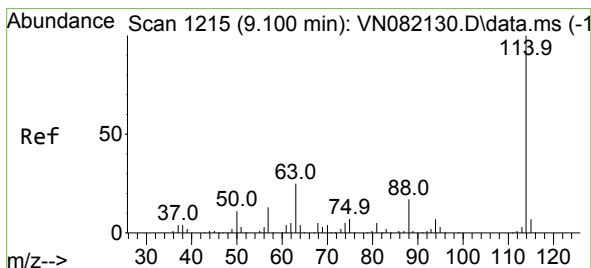
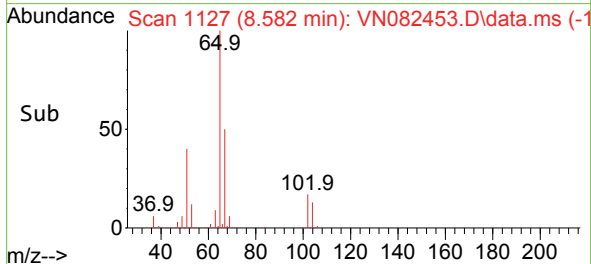
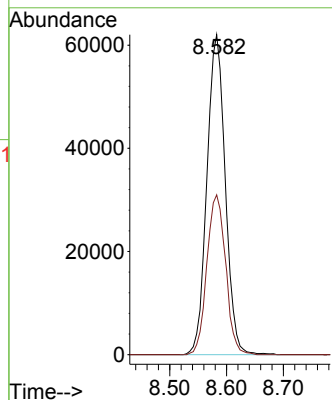
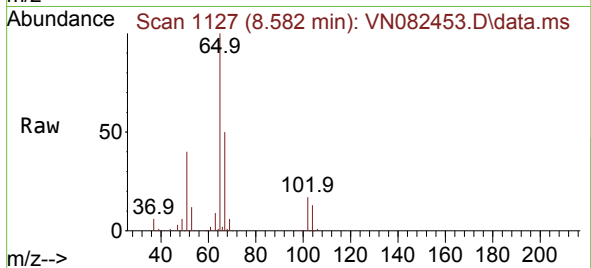
ClientSampleId :

Tgt Ion: 65 Resp: 138942

Ion Ratio Lower Upper

65 100

67 51.0 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: VN082453.D

Acq: 04 Jun 2024 11:23

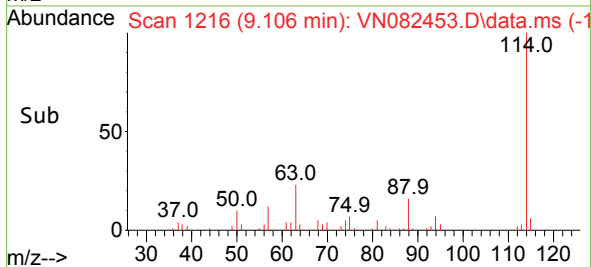
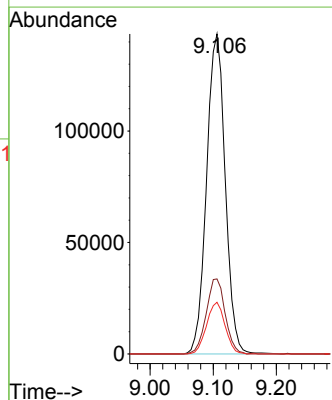
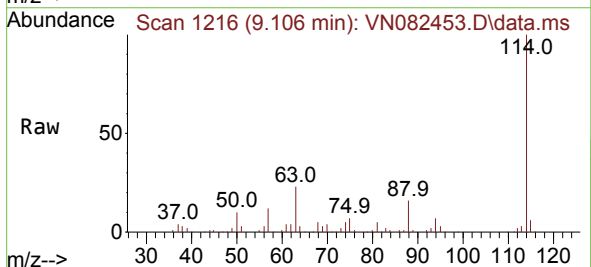
Tgt Ion: 114 Resp: 294302

Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.0

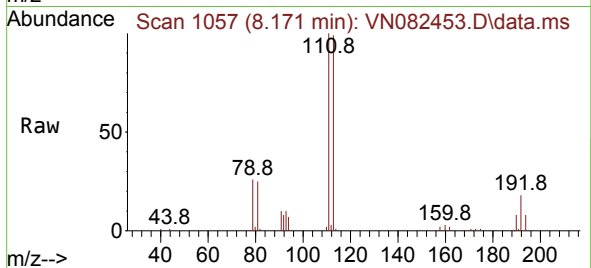
88 16.2 0.0 31.4



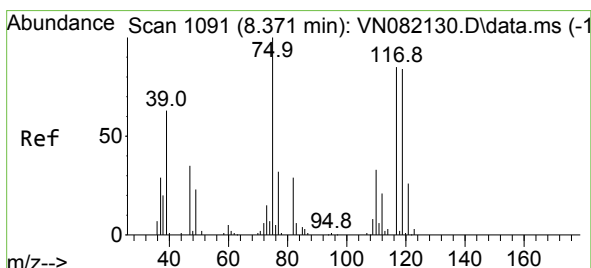
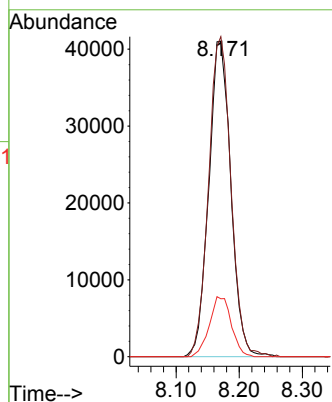
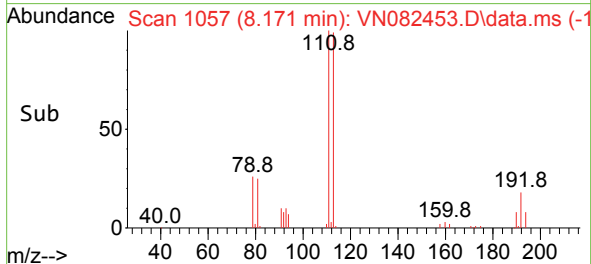


#35
Dibromofluoromethane
Concen: 55.062 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082453.D
Acq: 04 Jun 2024 11:23

Instrument :
MSVOA_N
ClientSampleId :

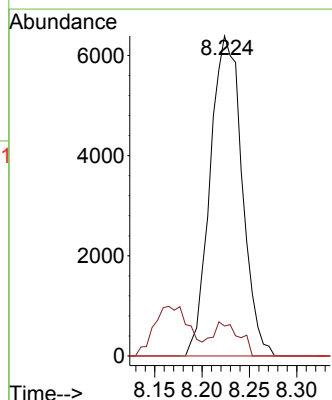
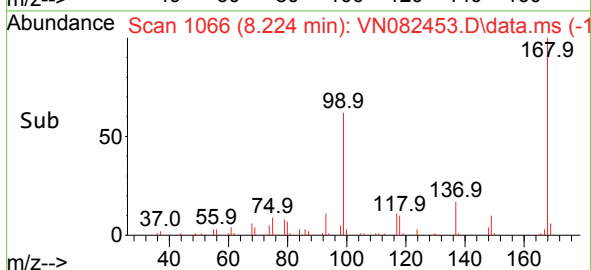
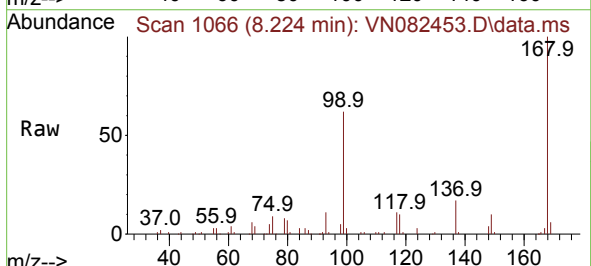


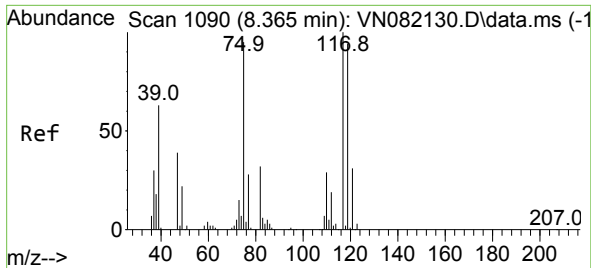
Tgt Ion:113 Resp: 99684
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.2
192 18.9 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.915 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082453.D
Acq: 04 Jun 2024 11:23

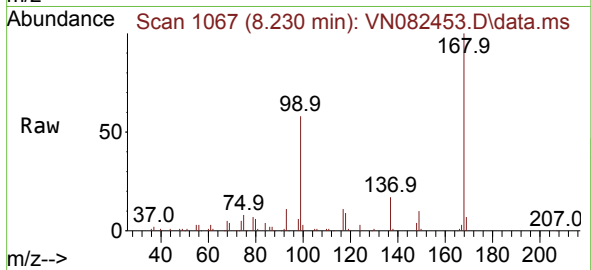
Tgt Ion: 75 Resp: 14924
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 25.0 37.4#



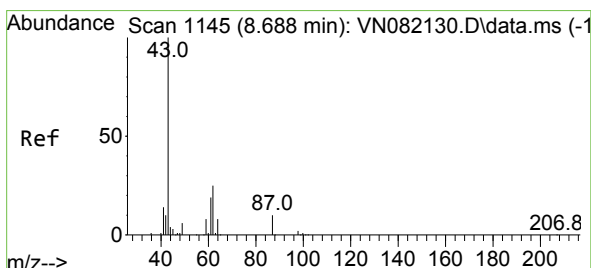
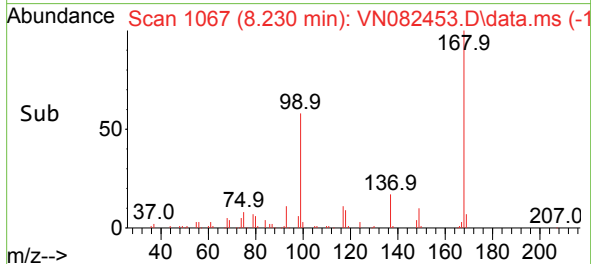
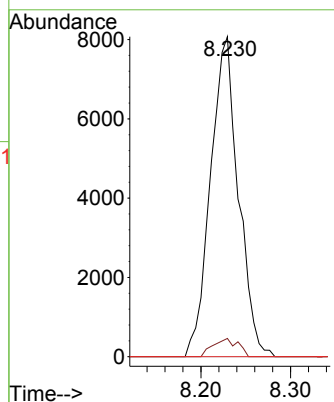


#38
Carbon Tetrachloride
Concen: 5.662 ug/l
RT: 8.230 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN082453.D
Acq: 04 Jun 2024 11:23

Instrument :
MSVOA_N
ClientSampleId :

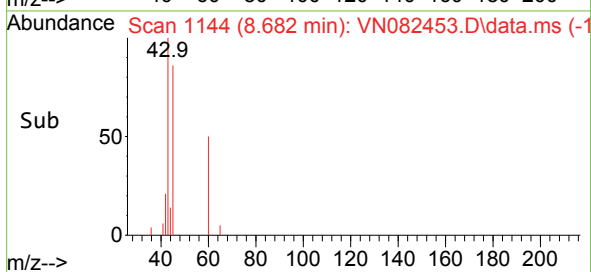
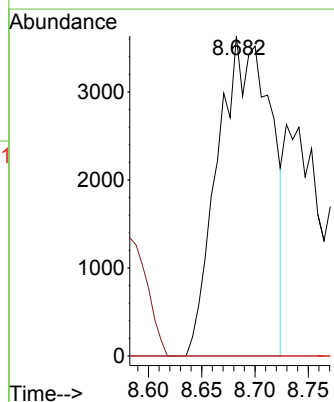
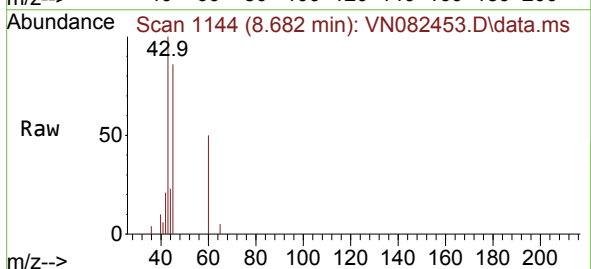


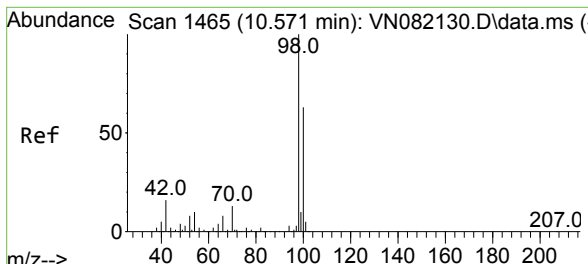
Tgt Ion:117 Resp: 17426
Ion Ratio Lower Upper
117 100
119 5.7 76.5 114.7#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 2.104 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN082453.D
Acq: 04 Jun 2024 11:23

Tgt Ion: 43 Resp: 12670
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#

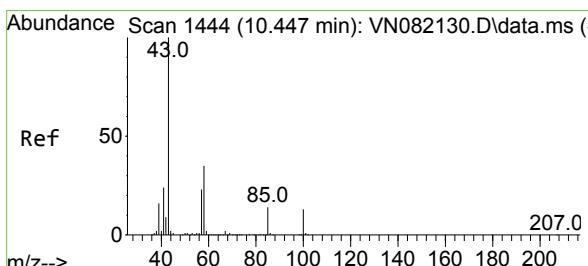
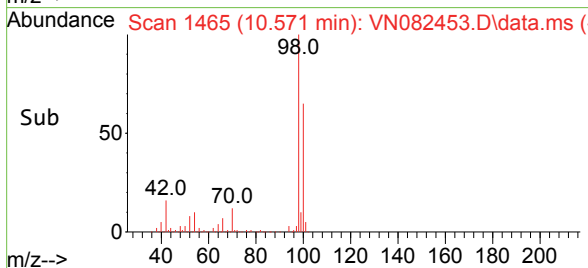
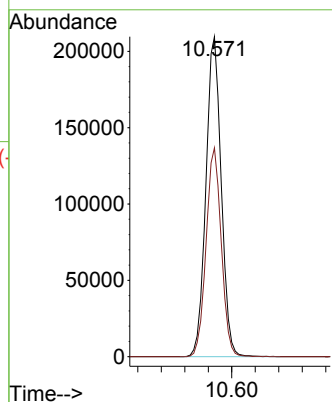
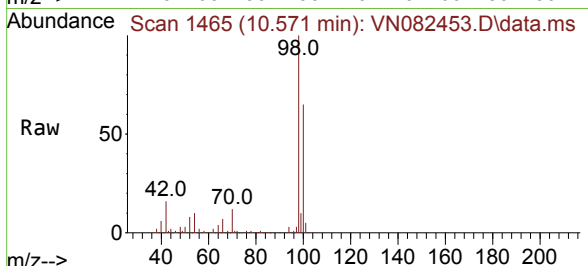




#50
Toluene-d8
Concen: 54.686 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082453.D
Acq: 04 Jun 2024 11:23

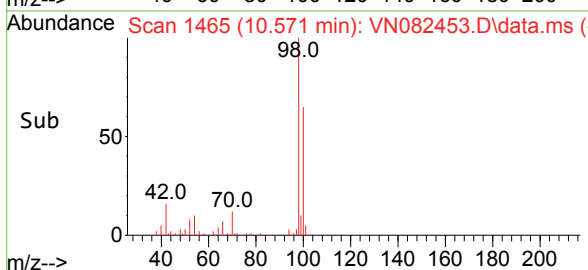
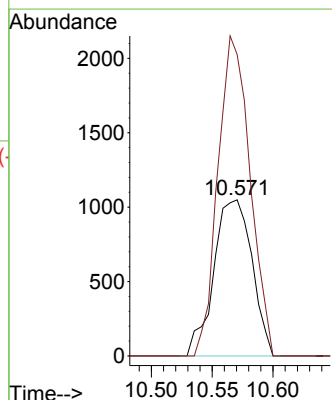
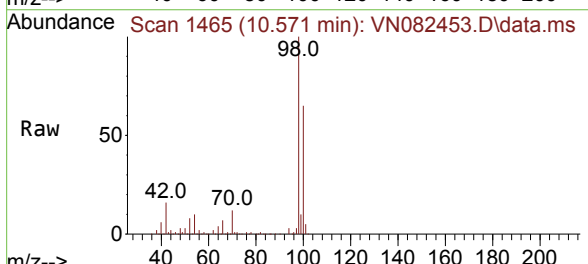
Instrument : MSVOA_N
ClientSampleId :

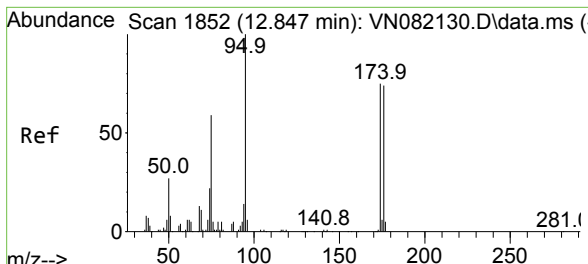
Tgt Ion: 98 Resp: 379573
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.670 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN082453.D
Acq: 04 Jun 2024 11:23

Tgt Ion: 43 Resp: 2293
Ion Ratio Lower Upper
43 100
58 172.4 33.2 49.8#

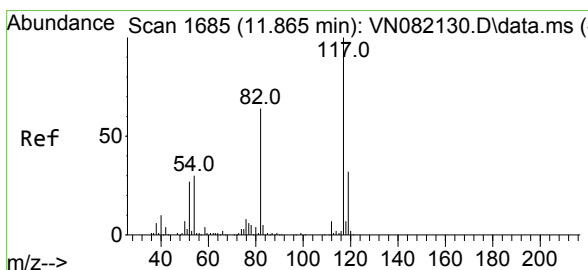
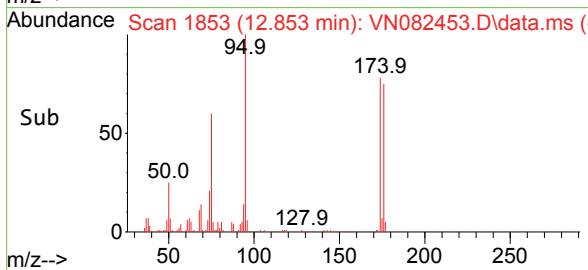
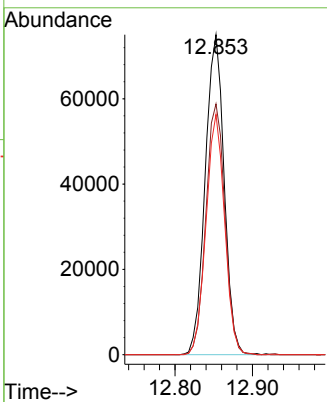
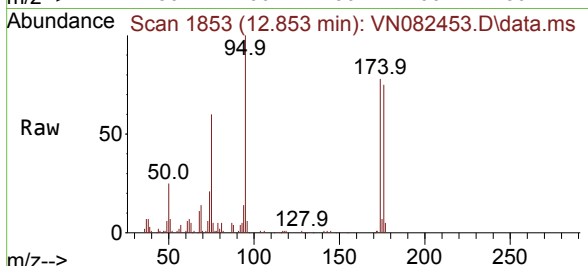




#62
4-Bromofluorobenzene
Concen: 51.318 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082453.D
Acq: 04 Jun 2024 11:23

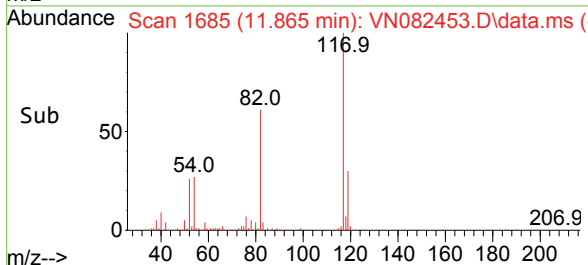
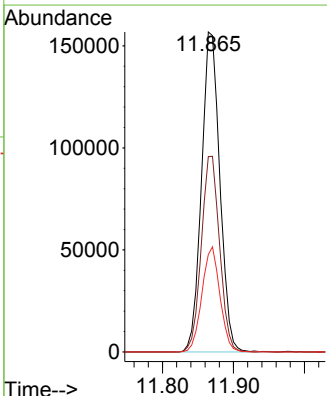
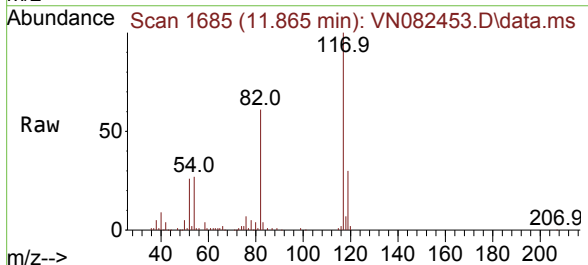
Instrument :
MSVOA_N
ClientSampleId :

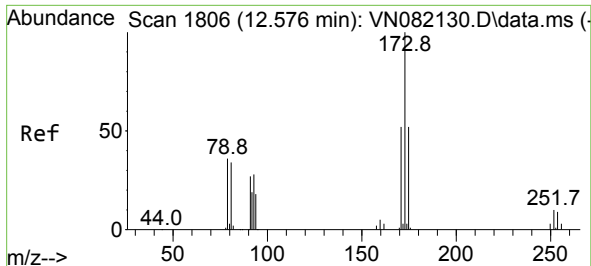
Tgt Ion:	95	Resp:	127136
Ion	Ratio	Lower	Upper
95	100		
174	79.2	0.0	160.6
176	73.8	0.0	152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082453.D
Acq: 04 Jun 2024 11:23

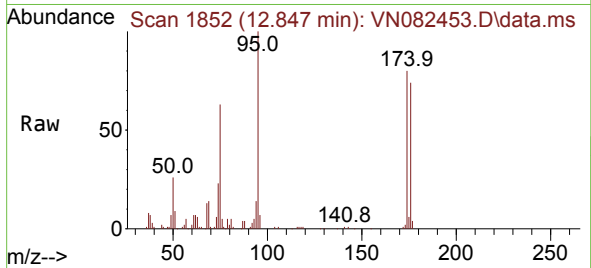
Tgt Ion:	117	Resp:	281239
Ion	Ratio	Lower	Upper
117	100		
82	61.1	44.6	66.8
119	30.4	25.9	38.9



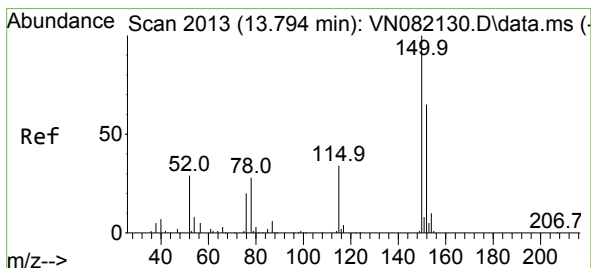
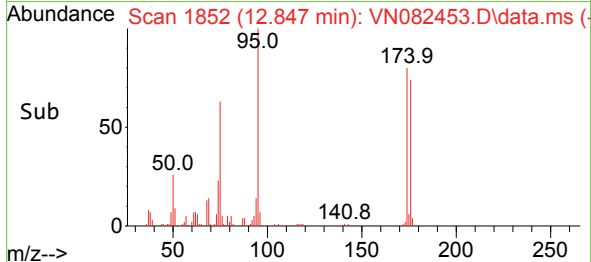
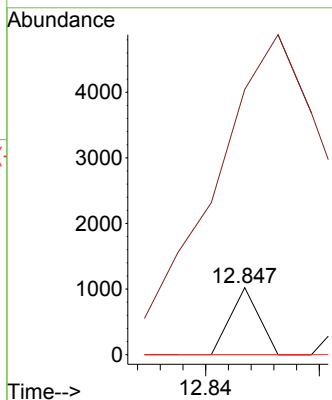


#71
Bromoform
Concen: 0.920 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN082453.D
Acq: 04 Jun 2024 11:23

Instrument :
MSVOA_N
ClientSampleId :

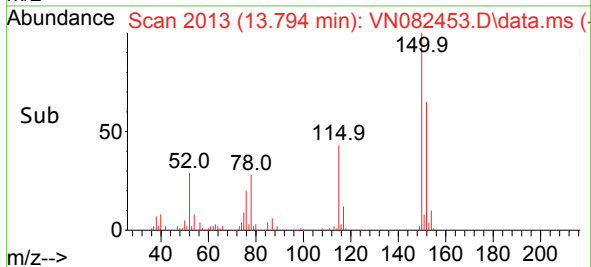
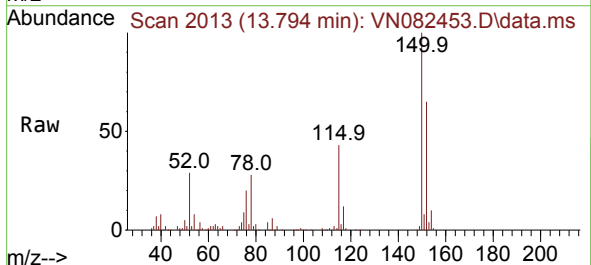
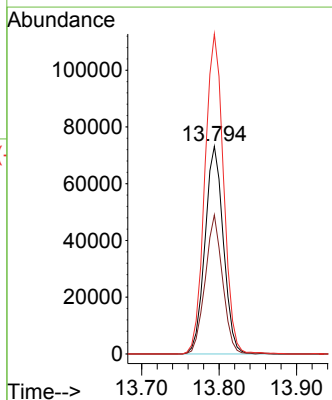


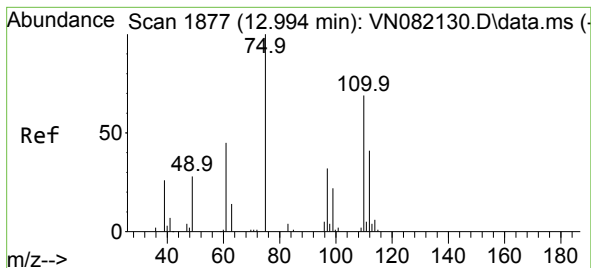
Tgt Ion:173 Resp: 361
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082453.D
Acq: 04 Jun 2024 11:23

Tgt Ion:152 Resp: 120998
Ion Ratio Lower Upper
152 100
115 63.1 30.4 91.3
150 156.4 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 29.349 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082453.D

Acq: 04 Jun 2024 11:23

Instrument :

MSVOA_N

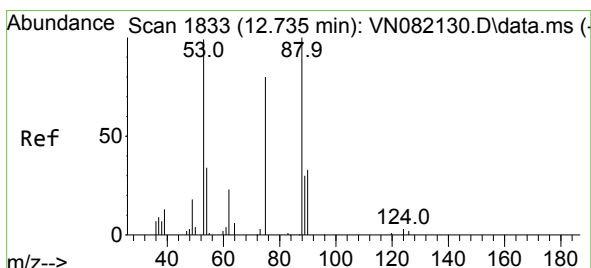
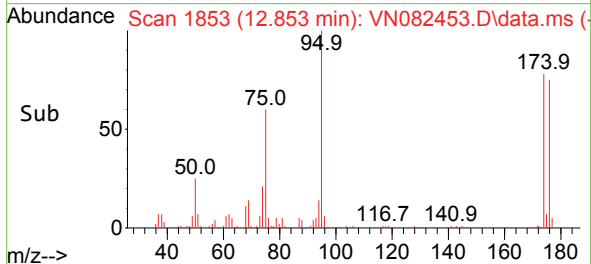
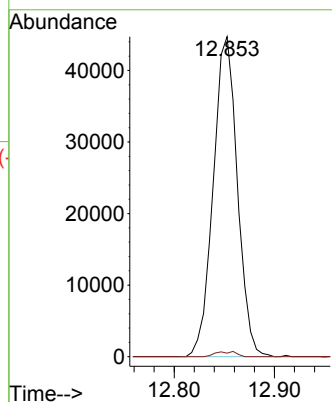
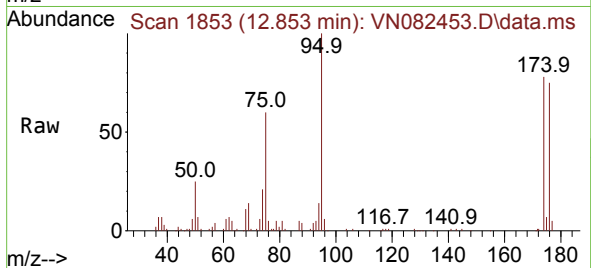
ClientSampleId :

Tgt Ion: 75 Resp: 74745

Ion Ratio Lower Upper

75 100

77 1.3 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.647 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082453.D

Acq: 04 Jun 2024 11:23

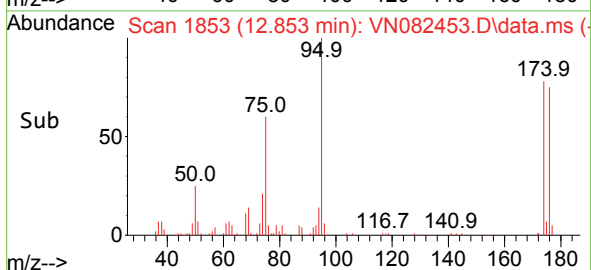
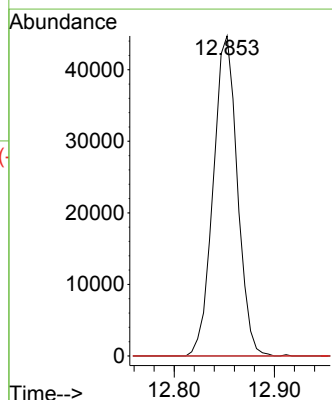
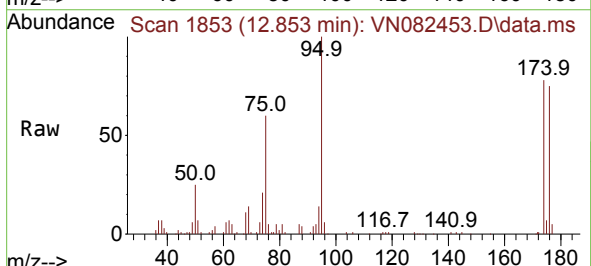
Tgt Ion: 75 Resp: 74745

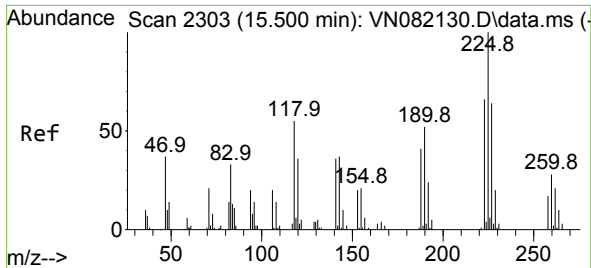
Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 39.1 58.7#





#94

Hexachlorobutadiene

Concen: 0.205 ug/l

RT: 15.494 min Scan# 21

Delta R.T. -0.006 min

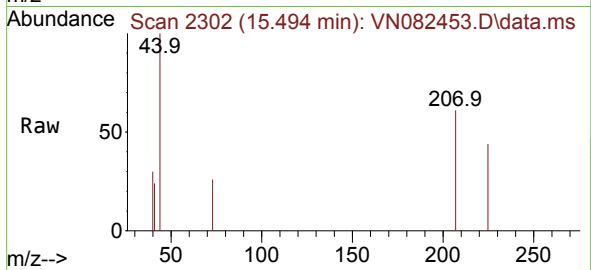
Lab File: VN082453.D

Acq: 04 Jun 2024 11:23

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	225	Resp:	198
Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.1	93.2#
227	33.8	30.6	91.6

