

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081799.D
 Acq On : 18 Apr 2024 19:54
 Operator : JC\MD
 Sample : P2185-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 19 02:12:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

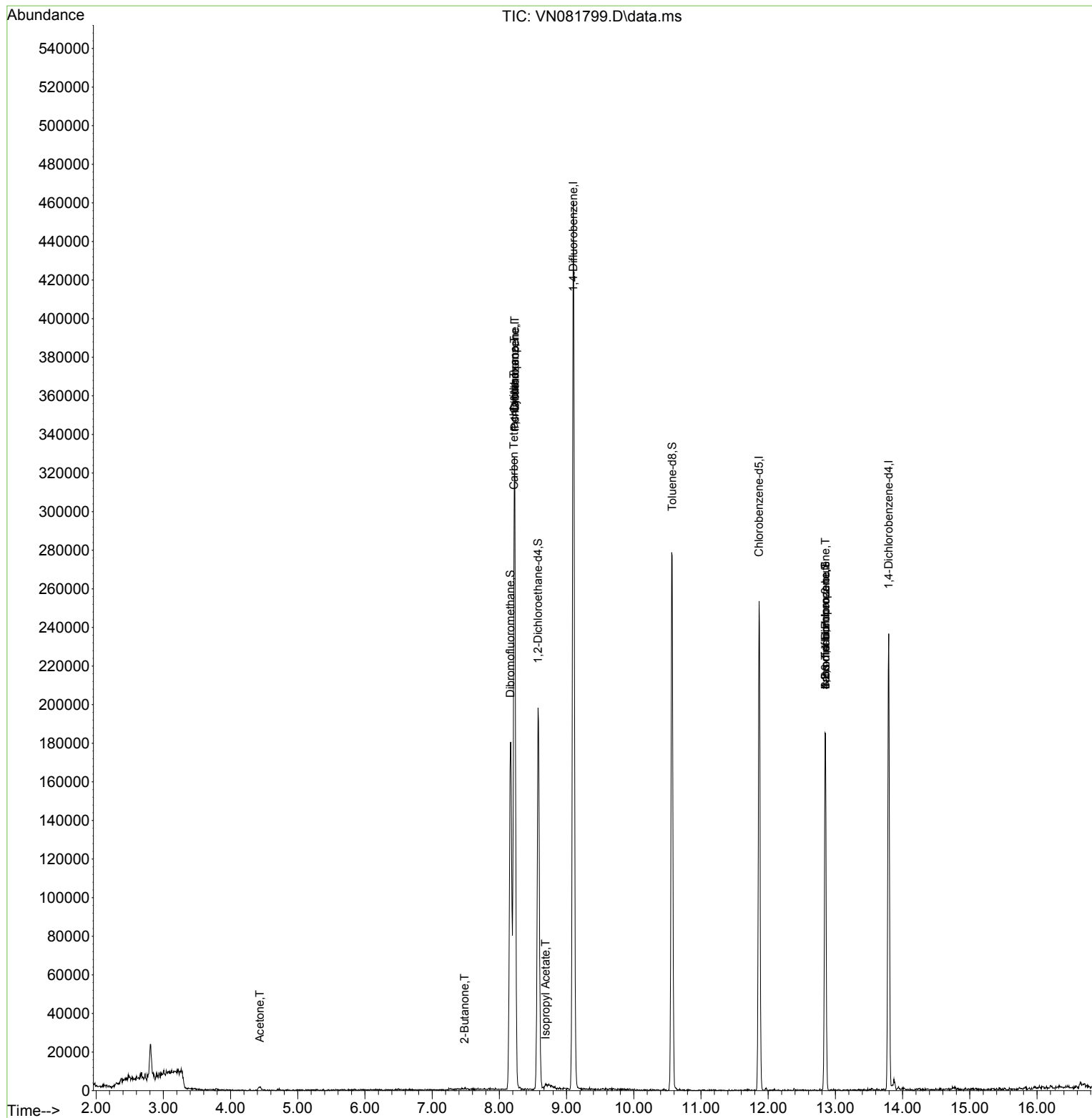
Internal Standards						
1) Pentafluorobenzene	8.230	168	234098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	389818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	141900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	61389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159973	48.563	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.120%
35) Dibromofluoromethane	8.165	113	131173	50.958	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.920%
50) Toluene-d8	10.571	98	192870	20.338	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	40.680%#
62) 4-Bromofluorobenzene	12.853	95	57370	17.703	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	35.400%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	430	Below Cal	#	43
6) Chloroethane	3.118	64	1061	Below Cal	#	44
16) Acetone	4.436	43	3575	3.899	ug/l #	73
20) Methylene Chloride	5.300	84	53	Below Cal	#	11
25) 2-Butanone	7.483	43	432	0.286	ug/l #	43
31) Cyclohexane	8.224	56	5661	1.253	ug/l #	49
36) 1,1-Dichloropropene	8.230	75	19678	5.487	ug/l #	45
38) Carbon Tetrachloride	8.218	117	25726	6.165	ug/l #	16
43) Isopropyl Acetate	8.688	43	1311	0.238	ug/l #	52
71) Bromoform	12.853	173	1167	1.358	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	30754	25.712	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	30754	61.298	ug/l #	12

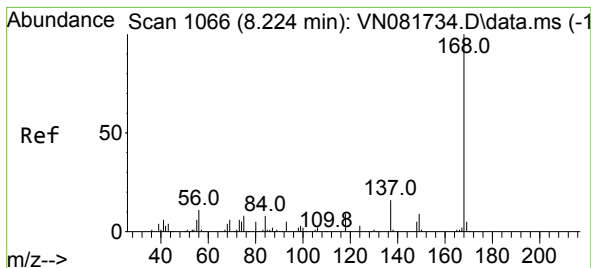
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 15 15:37:39 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN081799.D

Acq: 18 Apr 2024 19:54

Instrument :

MSVOA_N

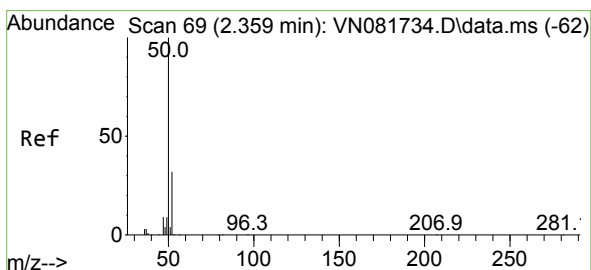
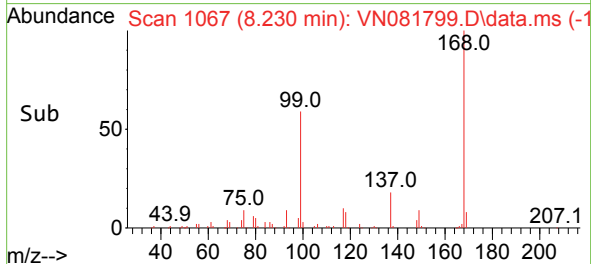
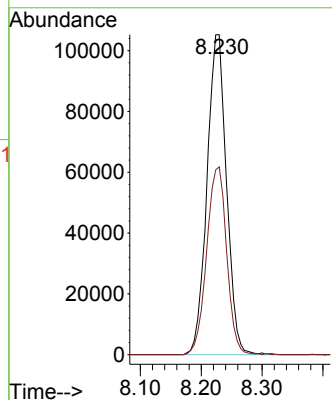
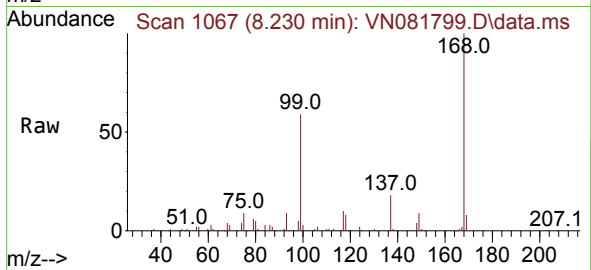
ClientSampleId :

Tgt Ion:168 Resp: 234098

Ion Ratio Lower Upper

168 100

99 58.7 48.2 72.4



#3

Chloromethane

Concen: Below Cal

RT: 2.371 min Scan# 71

Delta R.T. 0.012 min

Lab File: VN081799.D

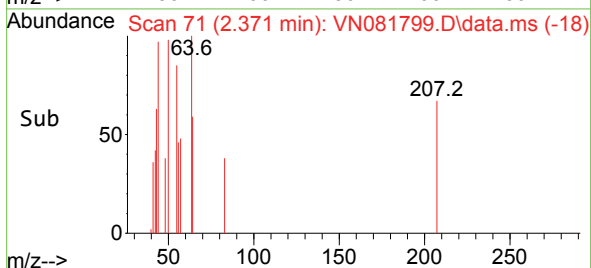
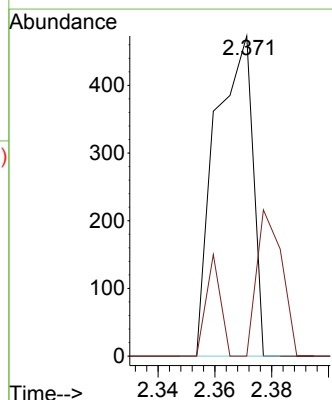
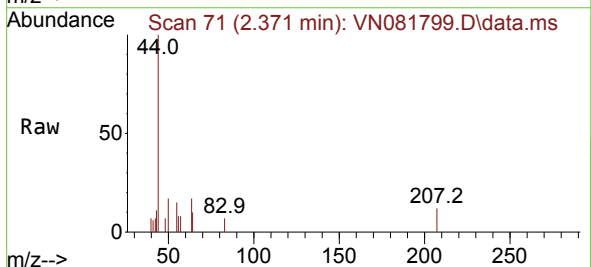
Acq: 18 Apr 2024 19:54

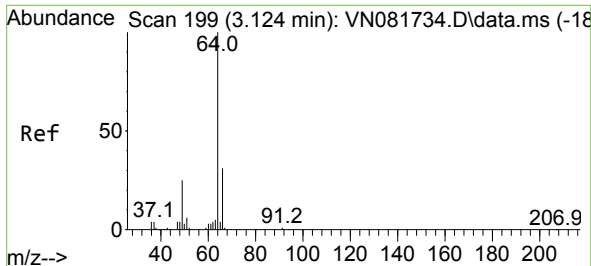
Tgt Ion: 50 Resp: 430

Ion Ratio Lower Upper

50 100

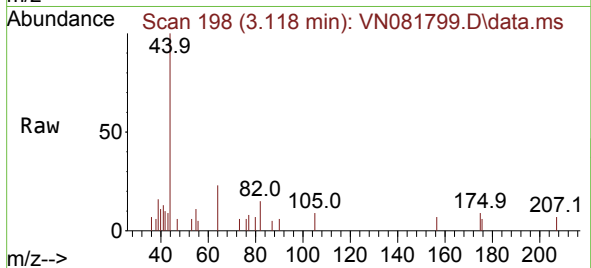
52 0.0 25.5 38.3#



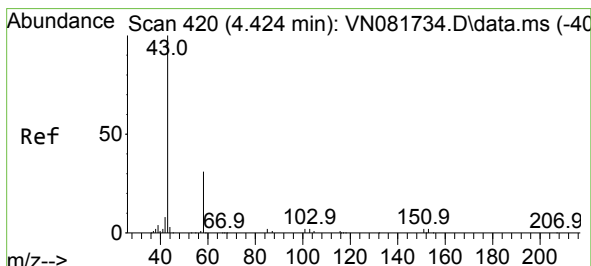
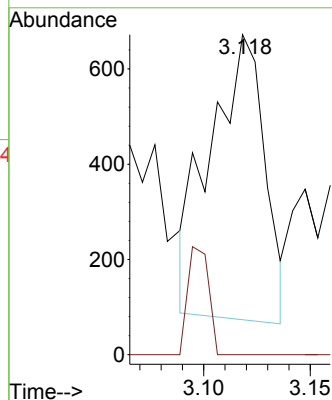
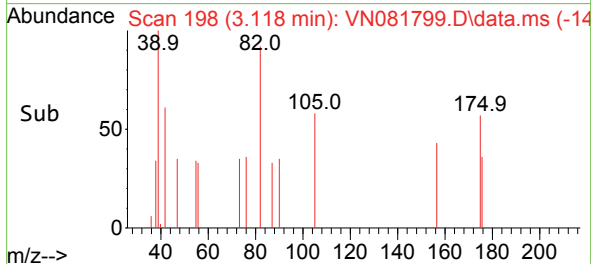


#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN081799.D
Acq: 18 Apr 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :

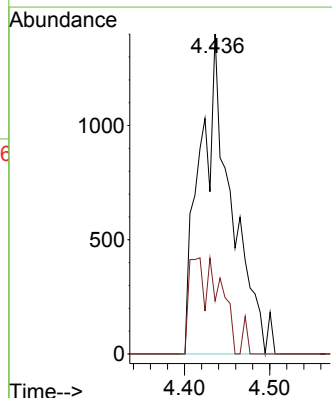
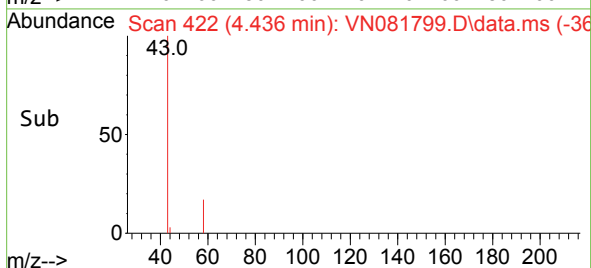
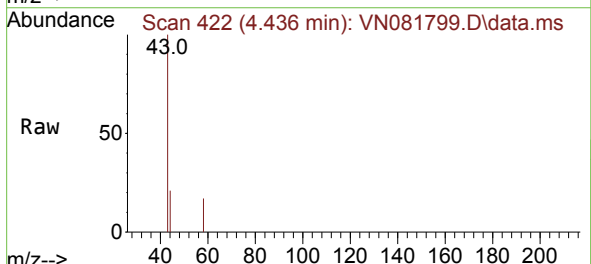


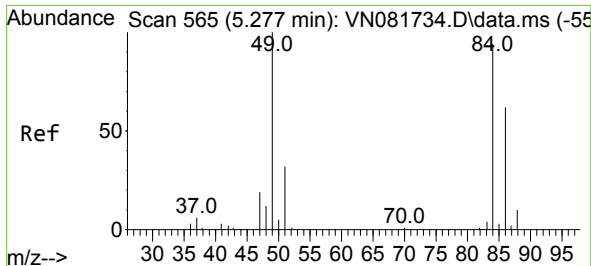
Tgt Ion: 64 Resp: 1061
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#16
Acetone
Concen: 3.899 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081799.D
Acq: 18 Apr 2024 19:54

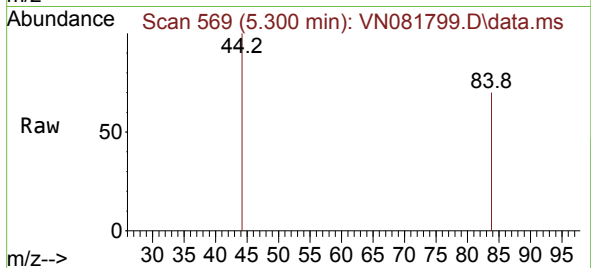
Tgt Ion: 43 Resp: 3575
Ion Ratio Lower Upper
43 100
58 16.6 25.2 37.8#



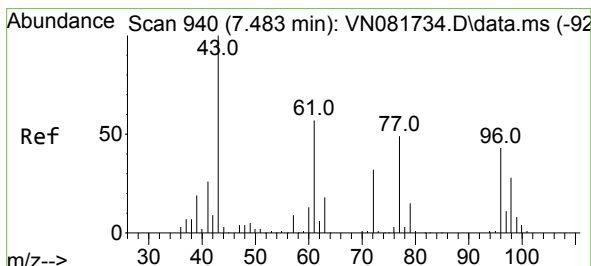
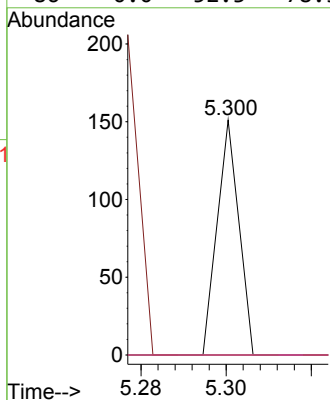
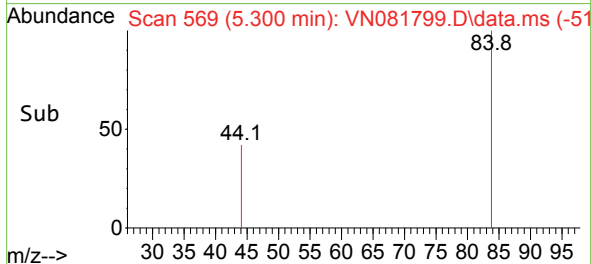


#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 50
Delta R.T. 0.023 min
Lab File: VN081799.D
Acq: 18 Apr 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :

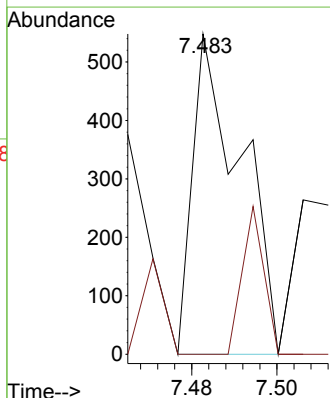
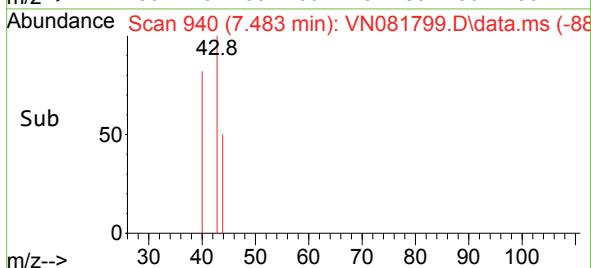
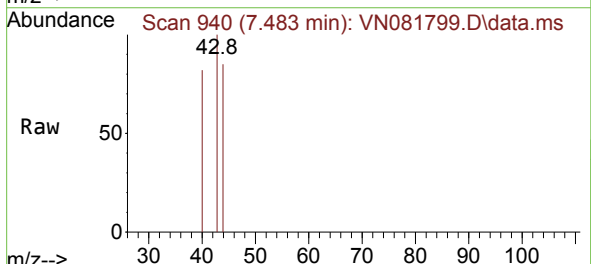


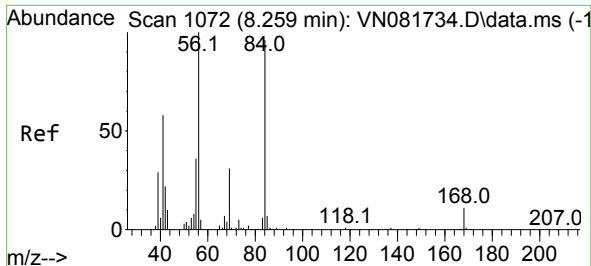
Tgt Ion:	84	Resp:	53
Ion	Ratio	Lower	Upper
84	100		
49	0.0	84.9	127.3#
51	0.0	27.0	40.6#
86	0.0	52.3	78.5#



#25
2-Butanone
Concen: 0.286 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081799.D
Acq: 18 Apr 2024 19:54

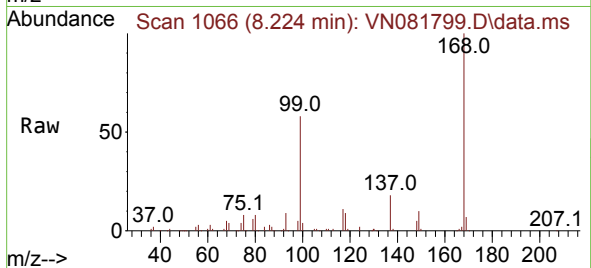
Tgt Ion:	43	Resp:	432
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.3	37.9#



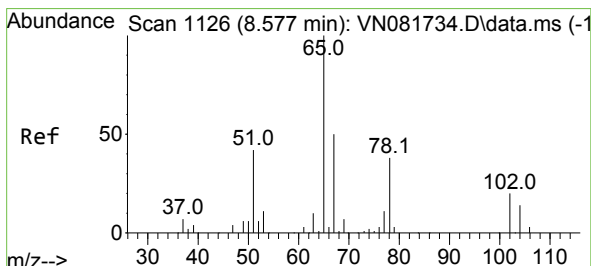
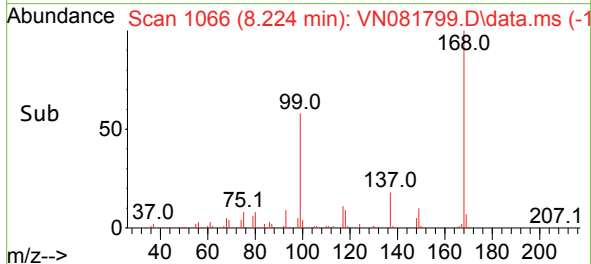
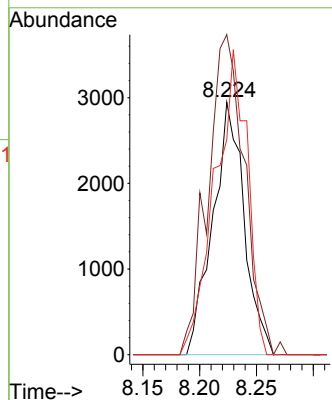


#31
Cyclohexane
Concen: 1.253 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081799.D
Acq: 18 Apr 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :

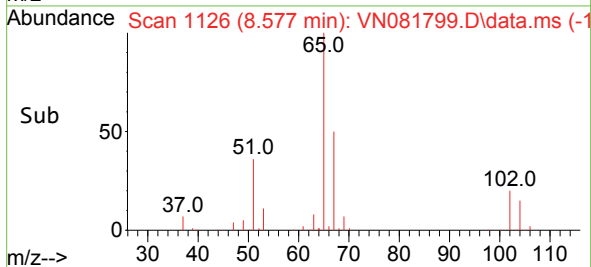
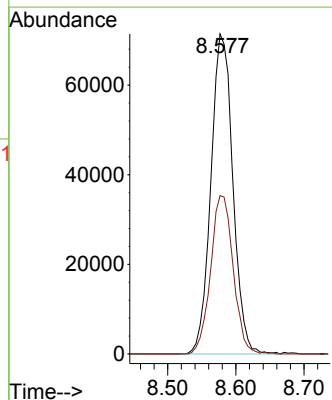
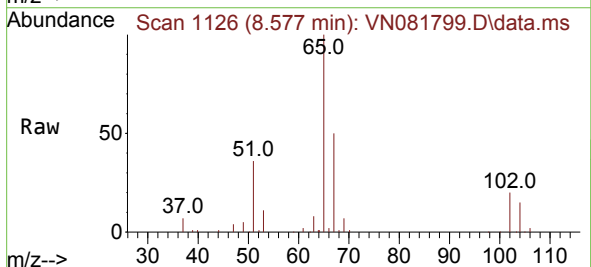


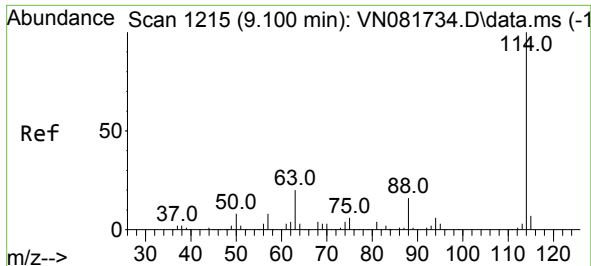
Tgt Ion: 56 Resp: 5661
Ion Ratio Lower Upper
56 100
69 126.7 24.4 36.6#
84 85.2 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 48.563 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081799.D
Acq: 18 Apr 2024 19:54

Tgt Ion: 65 Resp: 159973
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081799.D

Acq: 18 Apr 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

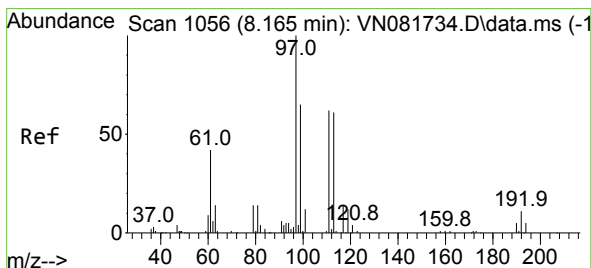
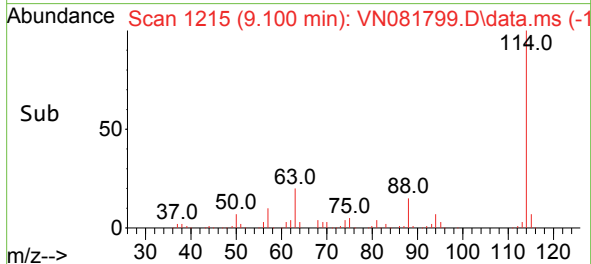
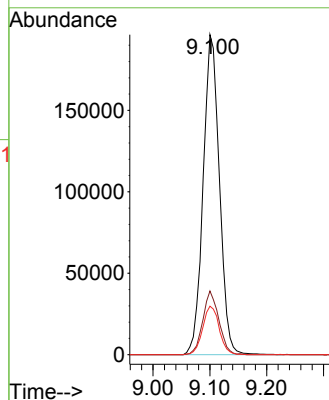
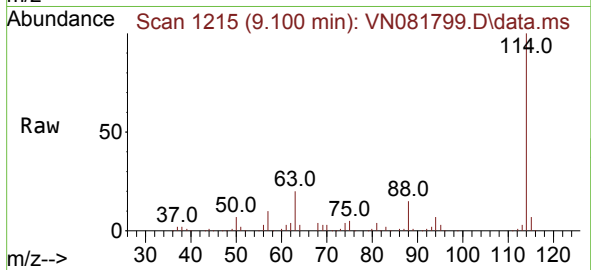
Tgt Ion:114 Resp: 389818

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.0

88 15.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.958 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081799.D

Acq: 18 Apr 2024 19:54

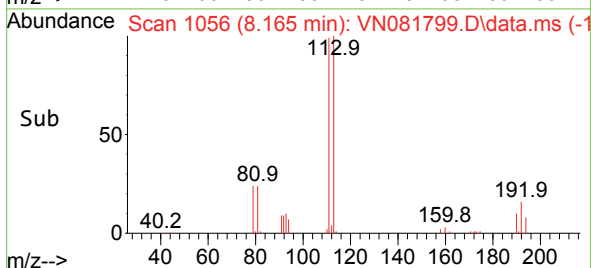
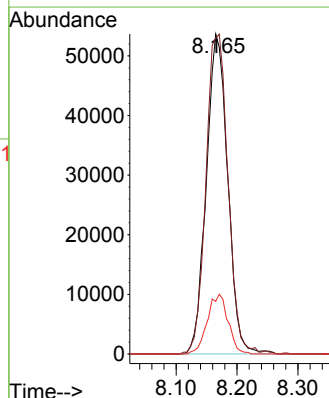
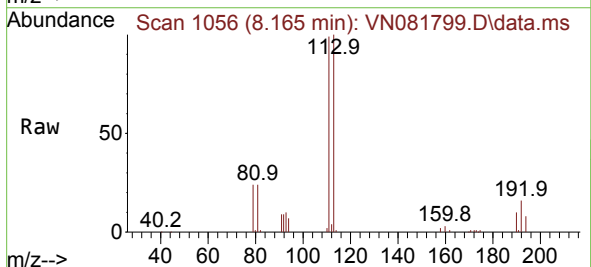
Tgt Ion:113 Resp: 131173

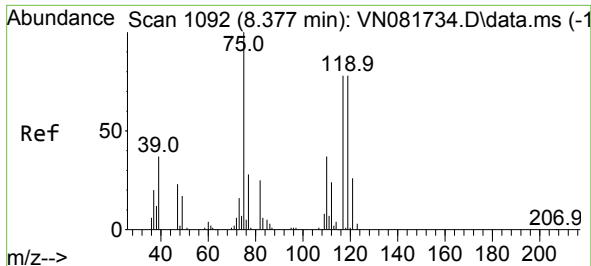
Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

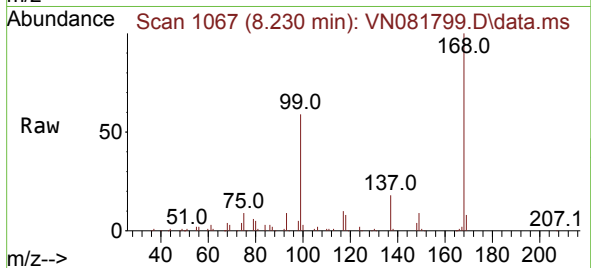
192 18.1 14.0 21.0



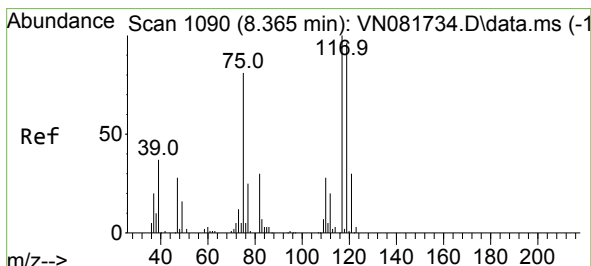
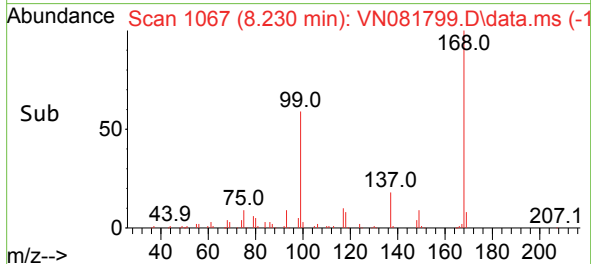
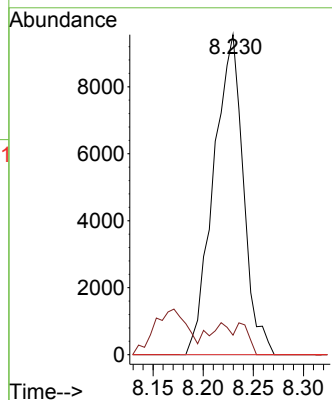


#36
1,1-Dichloropropene
Concen: 5.487 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN081799.D
Acq: 18 Apr 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :

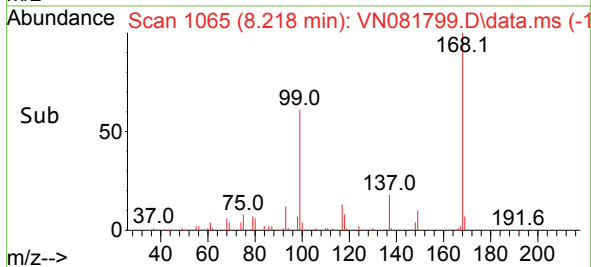
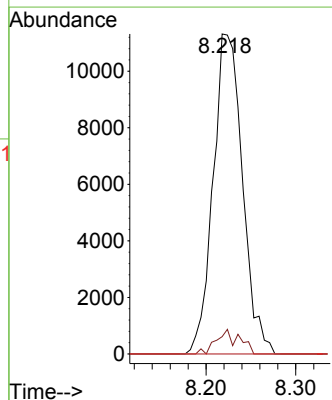
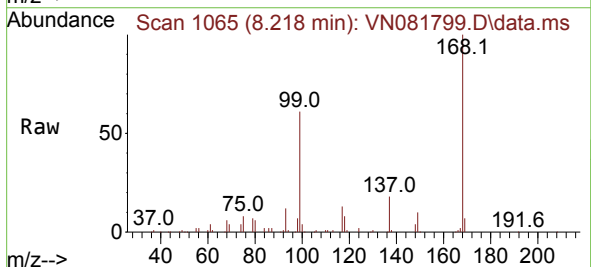


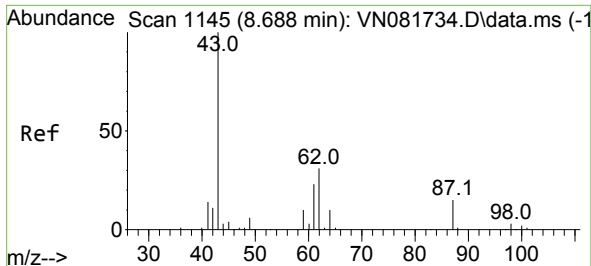
Tgt Ion: 75 Resp: 19678
Ion Ratio Lower Upper
75 100
110 4.3 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.165 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN081799.D
Acq: 18 Apr 2024 19:54

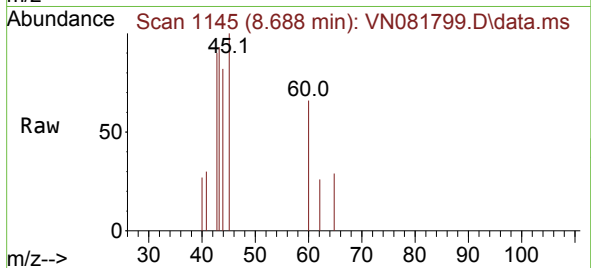
Tgt Ion: 117 Resp: 25726
Ion Ratio Lower Upper
117 100
119 5.4 76.5 114.7#
121 0.0 23.9 35.9#



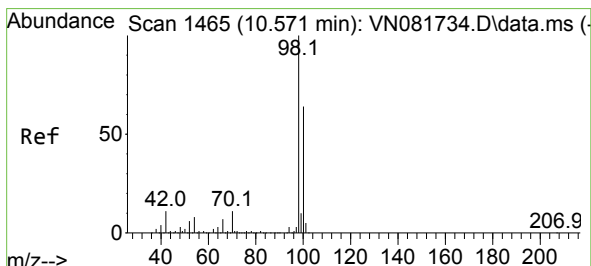
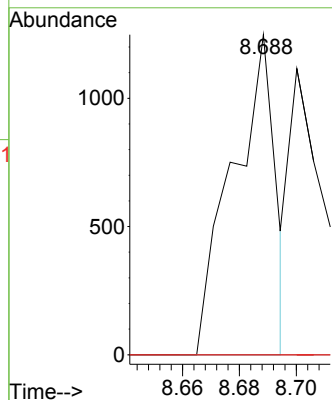
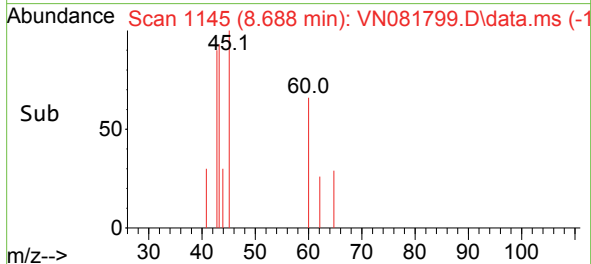


#43
Isopropyl Acetate
Concen: 0.238 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081799.D
Acq: 18 Apr 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :

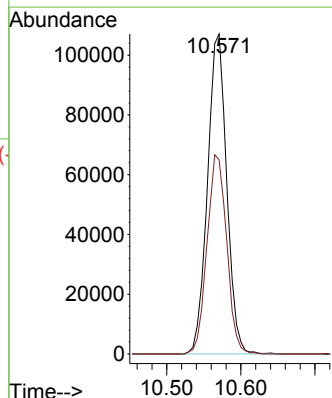
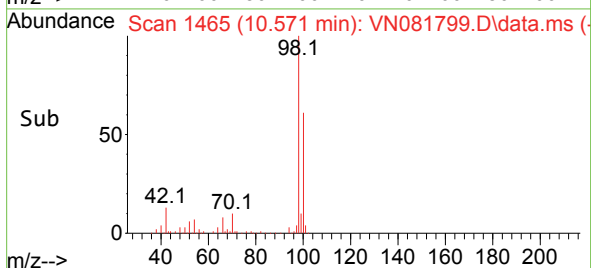
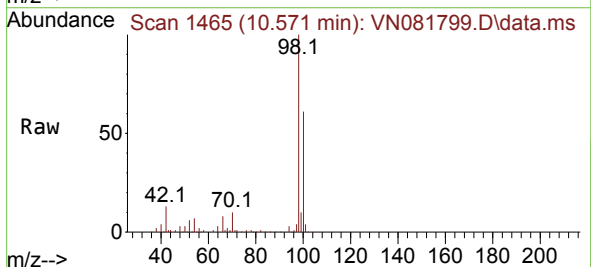


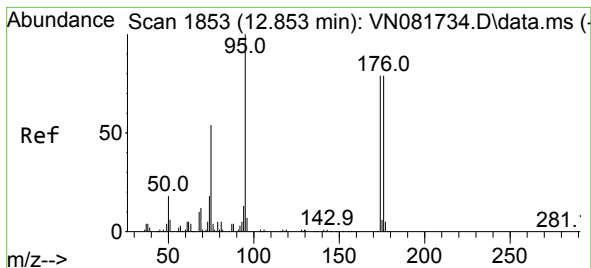
Tgt Ion: 43 Resp: 1311
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 20.338 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081799.D
Acq: 18 Apr 2024 19:54

Tgt Ion: 98 Resp: 192870
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6

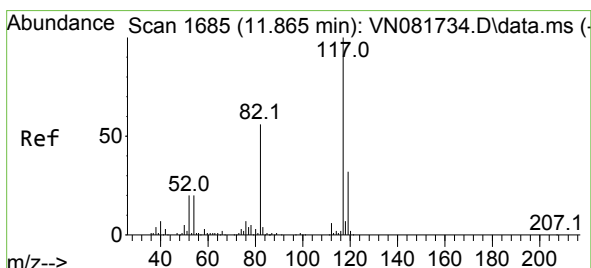
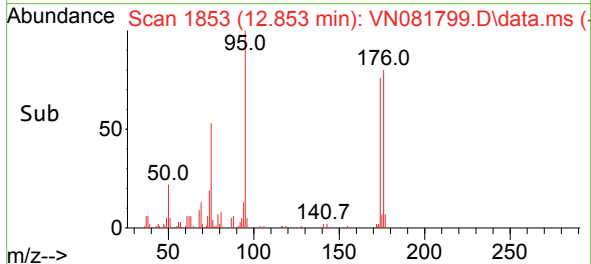
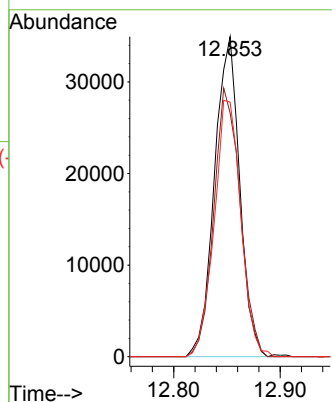
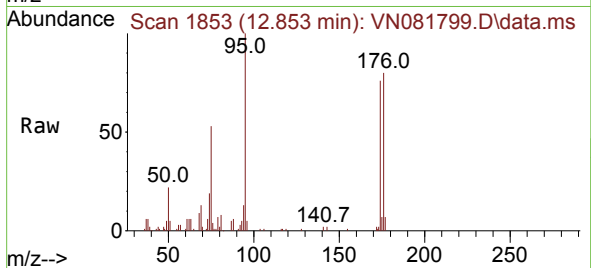




#62
4-Bromofluorobenzene
Concen: 17.703 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081799.D
Acq: 18 Apr 2024 19:54

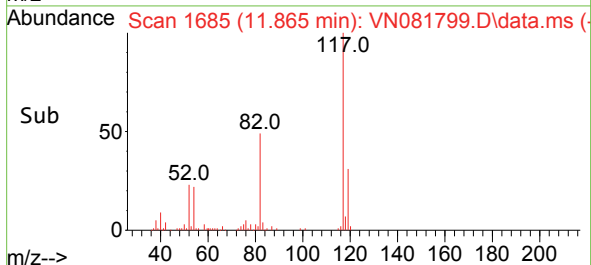
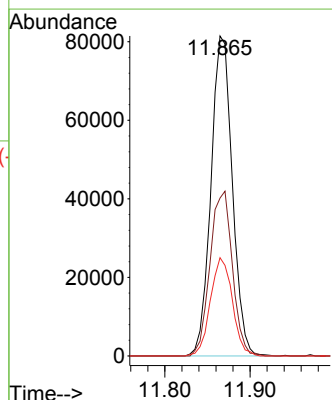
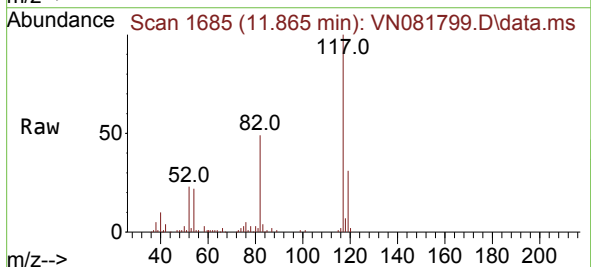
Instrument :
MSVOA_N
ClientSampleId :

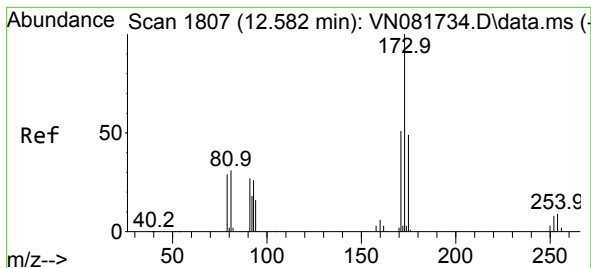
Tgt Ion: 95 Resp: 57370
Ion Ratio Lower Upper
95 100
174 87.6 0.0 160.6
176 84.7 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081799.D
Acq: 18 Apr 2024 19:54

Tgt Ion: 117 Resp: 141900
Ion Ratio Lower Upper
117 100
82 49.4 44.6 66.8
119 30.7 25.9 38.9





#71

Bromoform

Concen: 1.358 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

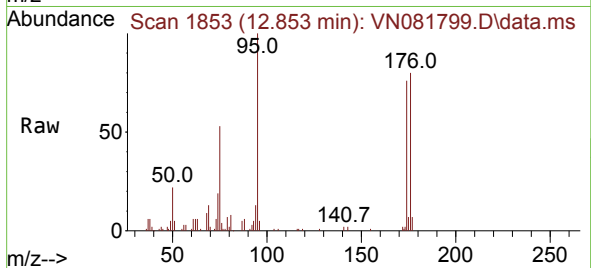
Lab File: VN081799.D

Acq: 18 Apr 2024 19:54

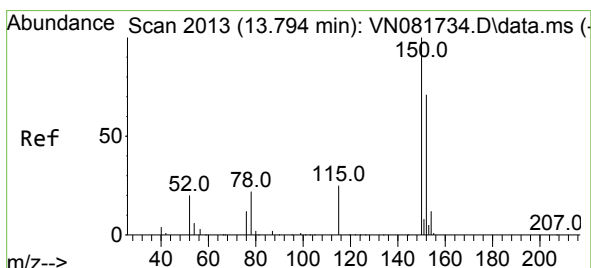
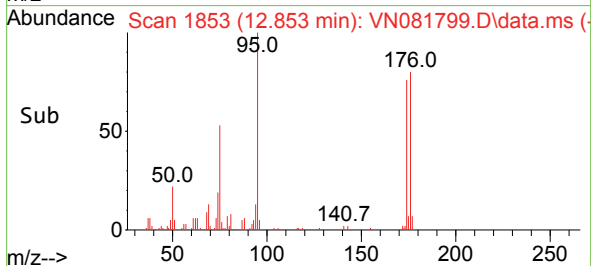
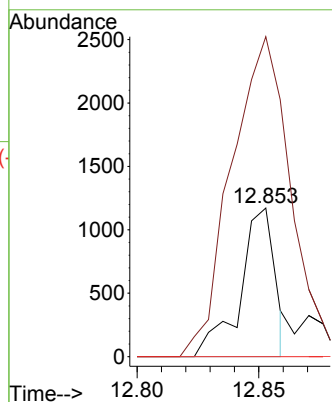
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	1167
Ion Ratio	Lower	Upper	
173	100		
175	306.9	24.6	74.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

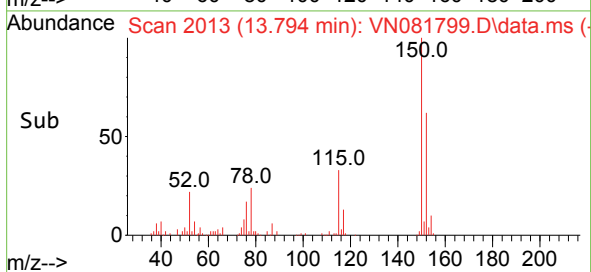
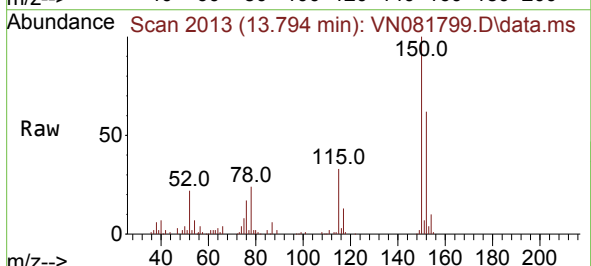
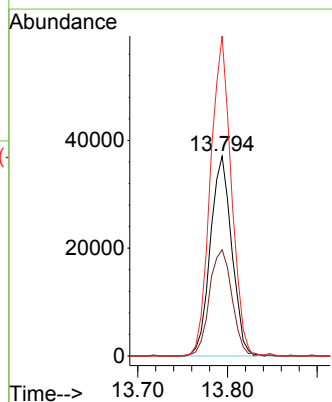
RT: 13.794 min Scan# 2013

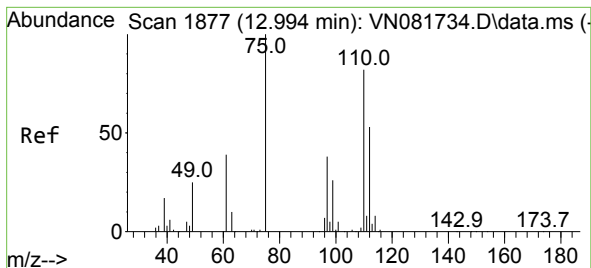
Delta R.T. 0.000 min

Lab File: VN081799.D

Acq: 18 Apr 2024 19:54

Tgt Ion:	152	Resp:	61389
Ion Ratio	Lower	Upper	
152	100		
115	56.3	30.4	91.3
150	155.9	0.0	353.2





#76

1,2,3-Trichloropropane

Concen: 25.712 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081799.D

Acq: 18 Apr 2024 19:54

Instrument :

MSVOA_N

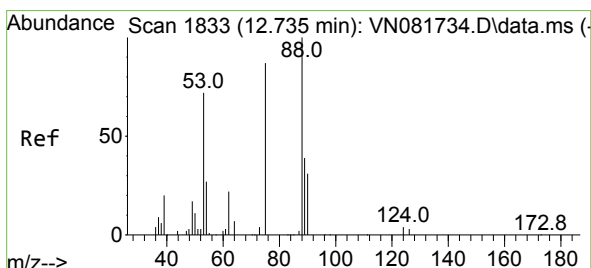
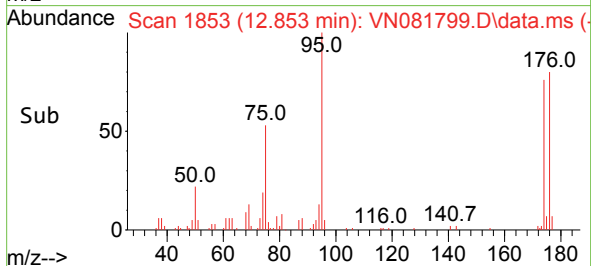
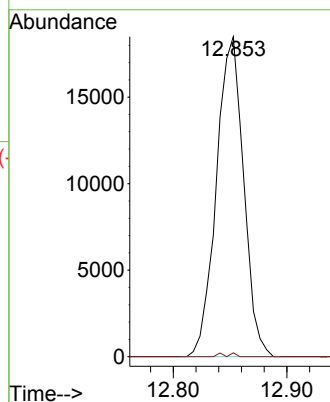
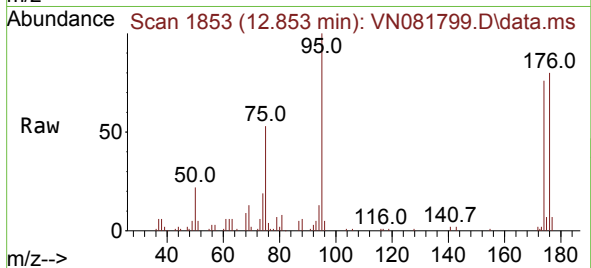
ClientSampleId :

Tgt Ion: 75 Resp: 30754

Ion Ratio Lower Upper

75 100

77 0.5 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.298 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN081799.D

Acq: 18 Apr 2024 19:54

Tgt Ion: 75 Resp: 30754

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 39.1 58.7#

