

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
 Data File : VN081376.D
 Acq On : 12 Mar 2024 16:38
 Operator : JC\MD
 Sample : P1734-04 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1341

Quant Time: Mar 13 04:54:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	330111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	581652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	500688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199105	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	237740	49.809	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.620%
35) Dibromofluoromethane	8.165	113	181783	51.011	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.020%
50) Toluene-d8	10.570	98	687122	51.580	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.160%
62) 4-Bromofluorobenzene	12.853	95	217690	46.235	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.460%

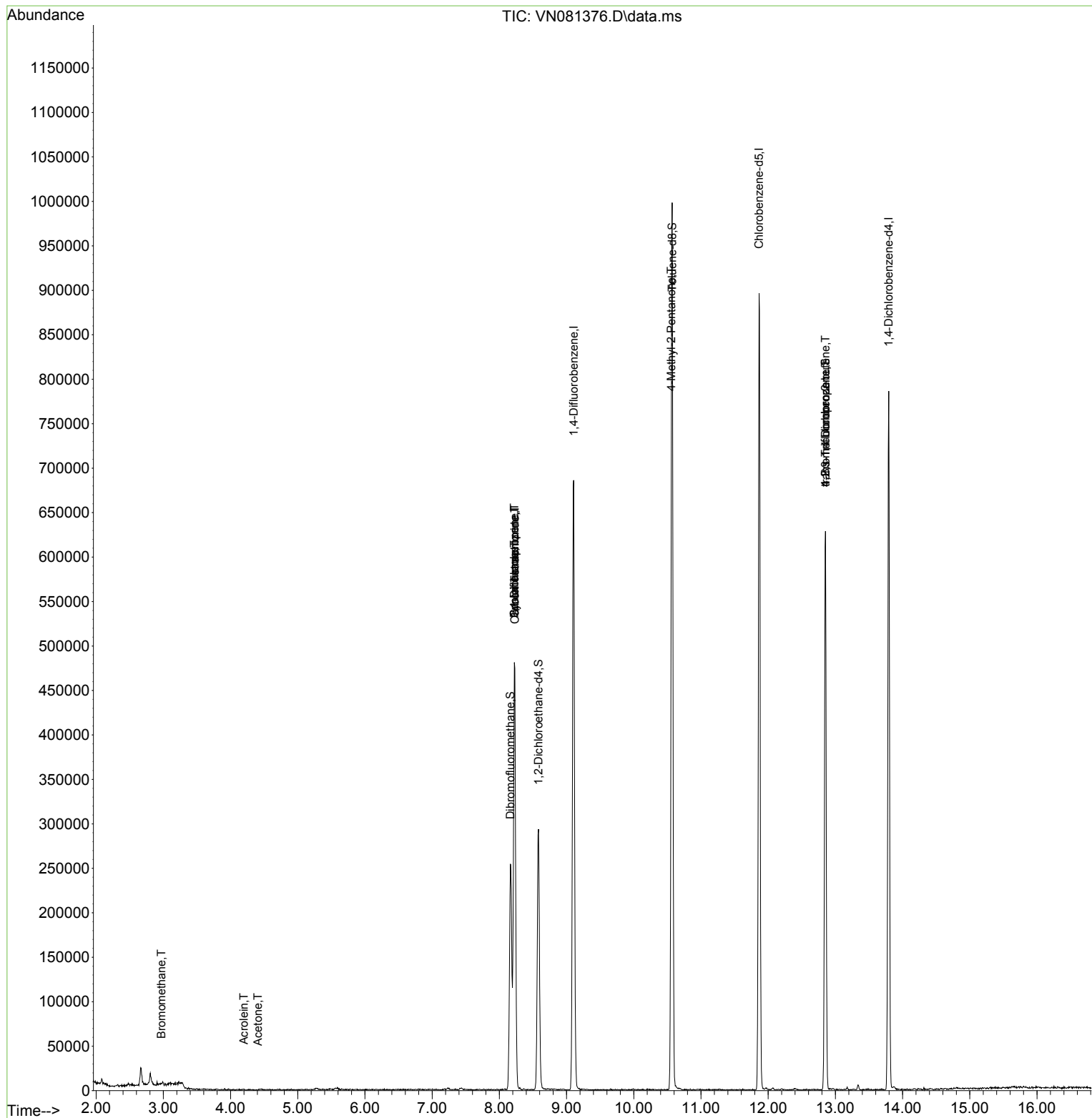
Target Compounds					Qvalue	
5) Bromomethane	2.971	94	1117	0.339	ug/l #	68
13) Acrolein	4.200	56	725	0.734	ug/l #	37
16) Acetone	4.406	43	503	0.297	ug/l #	44
20) Methylene Chloride	5.288	84	818	Below Cal	#	57
31) Cyclohexane	8.224	56	8877	1.228	ug/l #	3
36) 1,1-Dichloropropene	8.224	75	31170	5.422	ug/l #	52
38) Carbon Tetrachloride	8.229	117	36891	6.376	ug/l #	18
51) 4-Methyl-2-Pentanone	10.559	43	4132	0.723	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	121914	25.924	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	121914	72.348	ug/l #	14

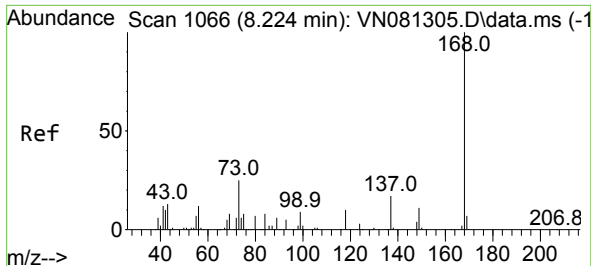
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
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Sample : P1734-04 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1341

Quant Time: Mar 13 04:54:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

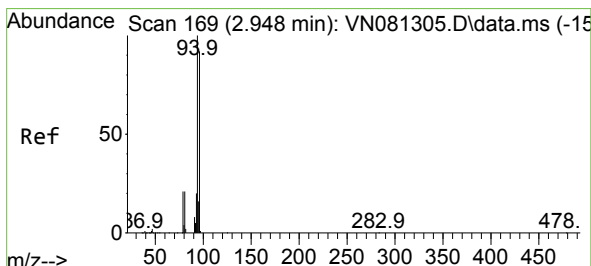
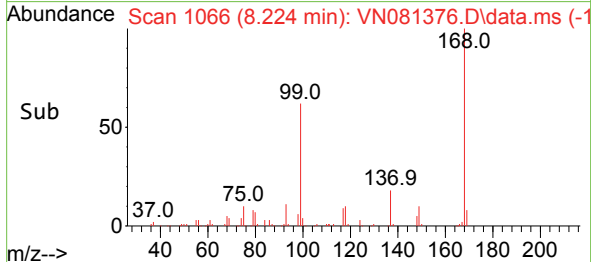
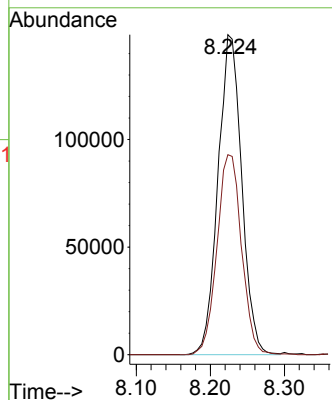
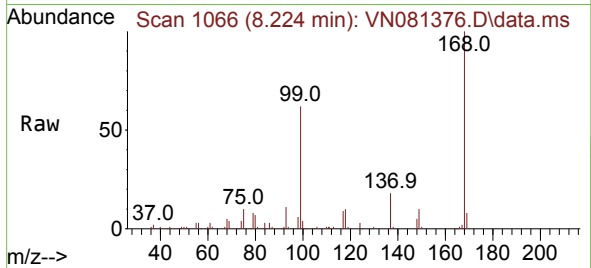




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081376.D
Acq: 12 Mar 2024 16:38

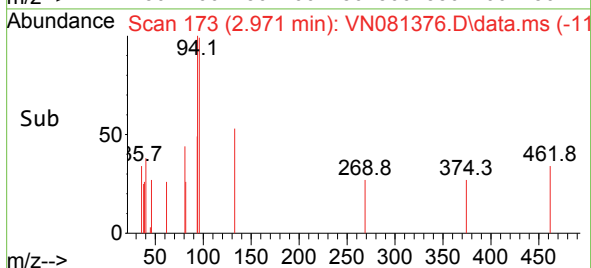
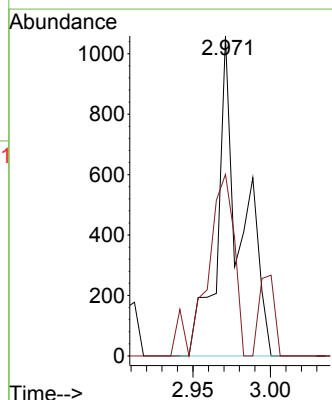
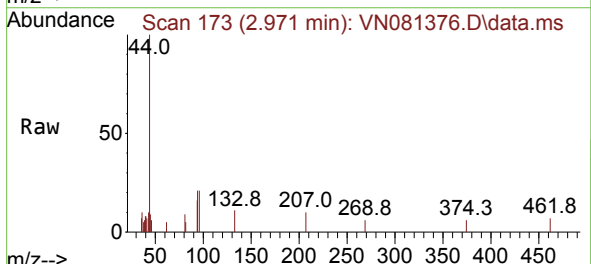
Instrument :
MSVOA_N
ClientSampleId :
1341

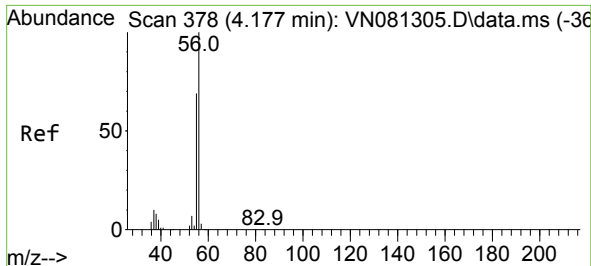
Tgt Ion:168 Resp: 330111
Ion Ratio Lower Upper
168 100
99 62.5 59.9 89.9



#5
Bromomethane
Concen: 0.339 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.023 min
Lab File: VN081376.D
Acq: 12 Mar 2024 16:38

Tgt Ion: 94 Resp: 1117
Ion Ratio Lower Upper
94 100
96 56.8 69.2 103.8#





#13

Acrolein

Concen: 0.734 ug/l

RT: 4.200 min Scan# 31

Delta R.T. 0.023 min

Lab File: VN081376.D

Acq: 12 Mar 2024 16:38

Instrument :

MSVOA_N

ClientSampleId :

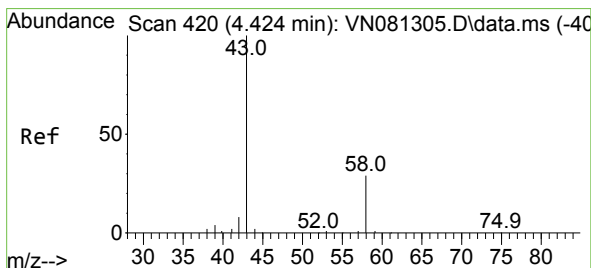
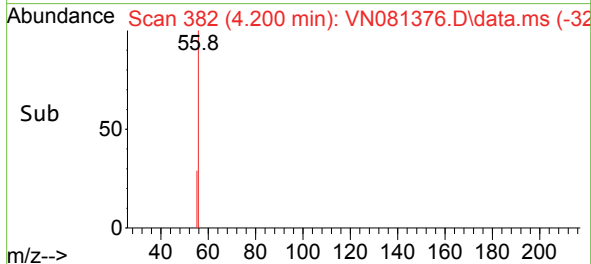
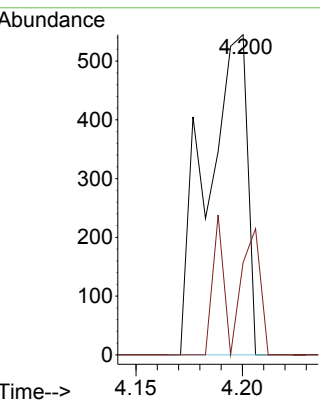
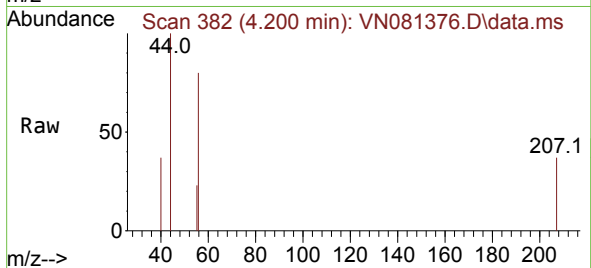
1341

Tgt Ion: 56 Resp: 725

Ion Ratio Lower Upper

56 100

55 18.1 55.3 82.9#



#16

Acetone

Concen: 0.297 ug/l

RT: 4.406 min Scan# 417

Delta R.T. -0.018 min

Lab File: VN081376.D

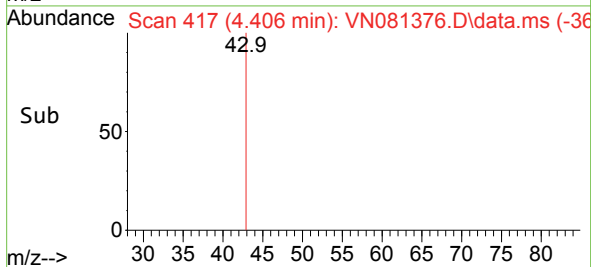
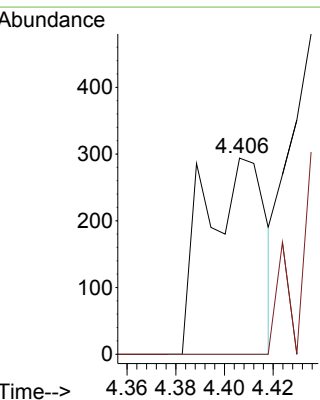
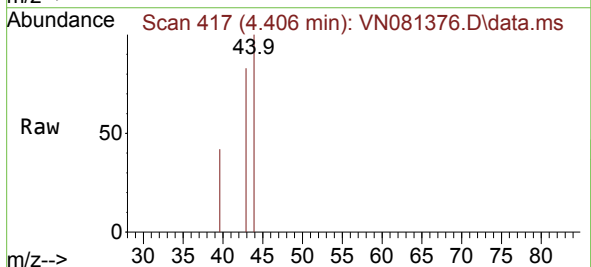
Acq: 12 Mar 2024 16:38

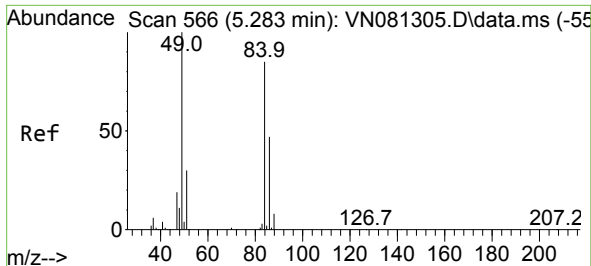
Tgt Ion: 43 Resp: 503

Ion Ratio Lower Upper

43 100

58 0.0 24.8 37.2#

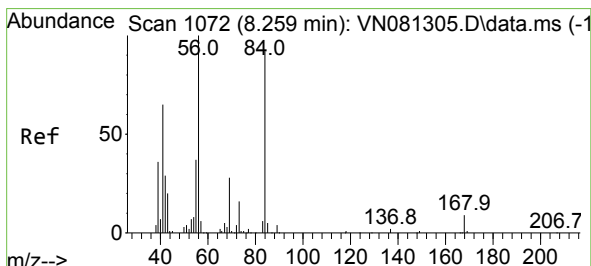
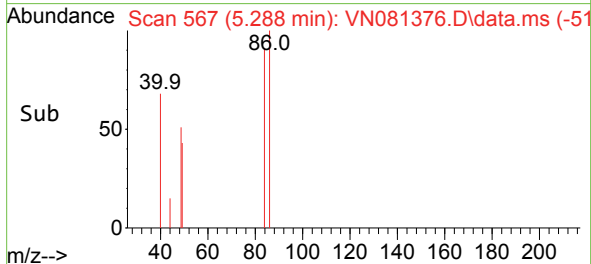
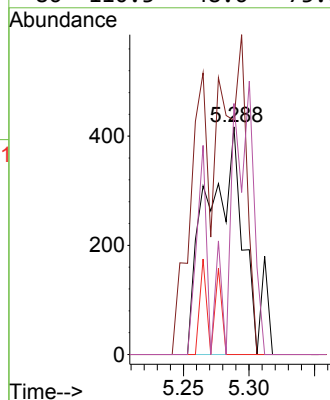
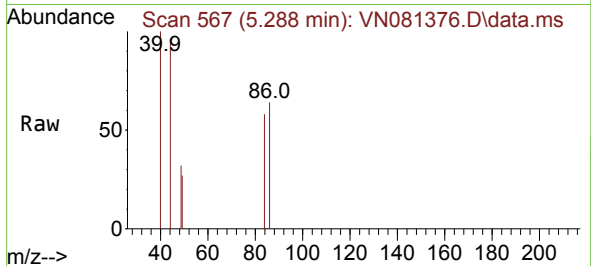




#20
Methylene Chloride
Concen: Below Cal
RT: 5.288 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN081376.D
Acq: 12 Mar 2024 16:38

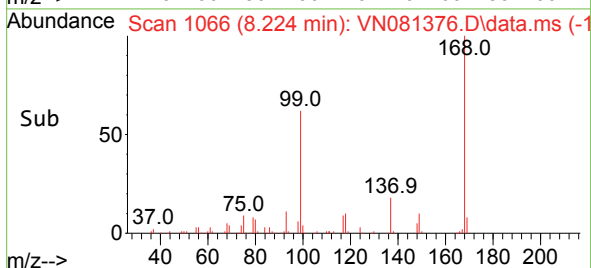
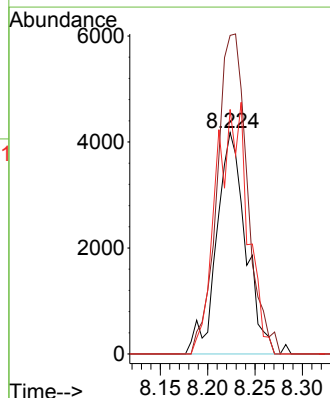
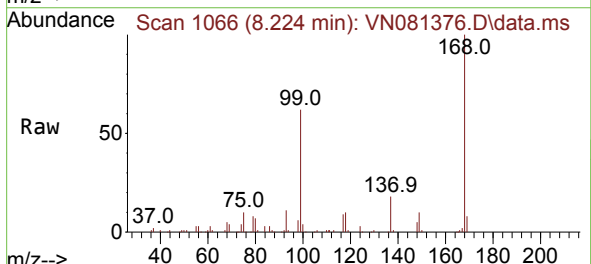
Instrument :
MSVOA_N
ClientSampleId :
1341

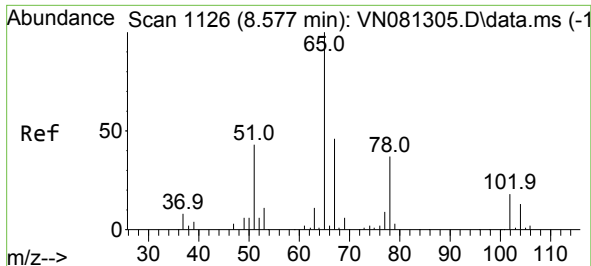
Tgt Ion:	84	Resp:	818
Ion	Ratio	Lower	Upper
84	100		
49	102.9	108.1	162.1#
51	0.0	32.9	49.3#
86	110.3	48.6	73.0#



#31
Cyclohexane
Concen: 1.228 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081376.D
Acq: 12 Mar 2024 16:38

Tgt Ion:	56	Resp:	8877
Ion	Ratio	Lower	Upper
56	100		
69	143.8	20.1	30.1#
84	110.4	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 49.809 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081376.D

Acq: 12 Mar 2024 16:38

Instrument :

MSVOA_N

ClientSampleId :

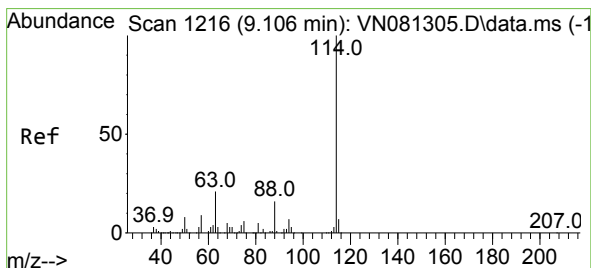
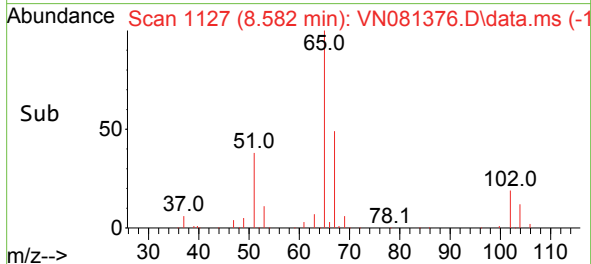
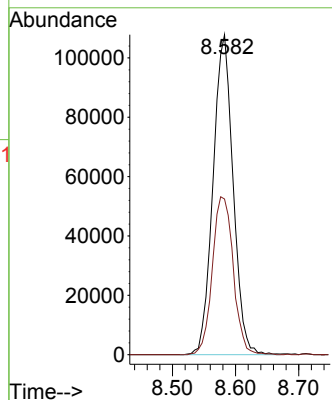
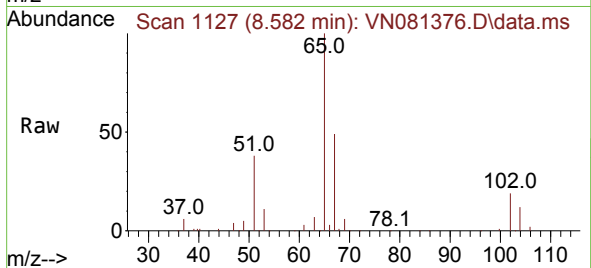
1341

Tgt Ion: 65 Resp: 237740

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN081376.D

Acq: 12 Mar 2024 16:38

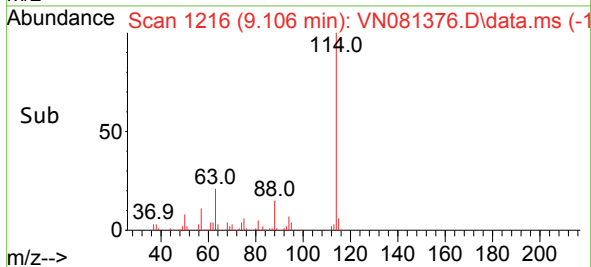
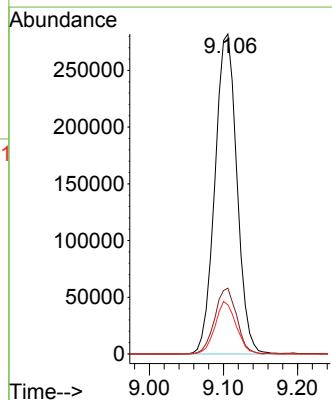
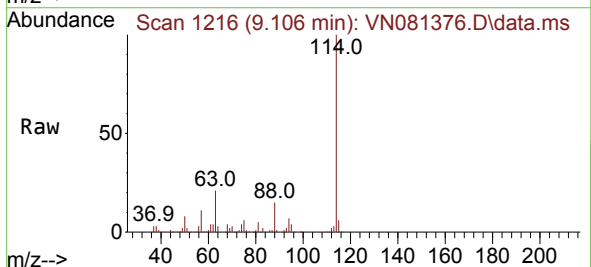
Tgt Ion: 114 Resp: 581652

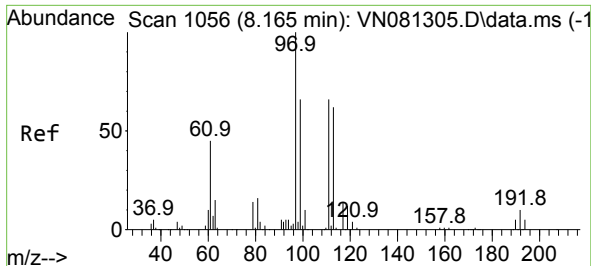
Ion Ratio Lower Upper

114 100

63 20.5 0.0 48.0

88 15.3 0.0 34.8

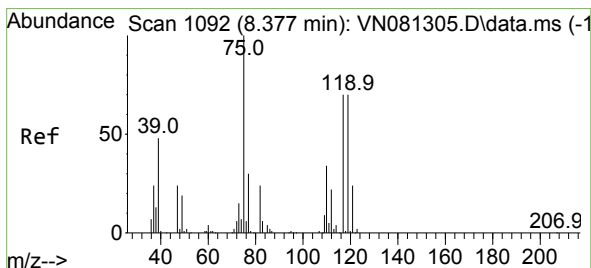
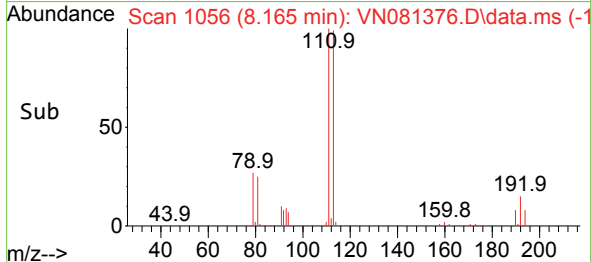
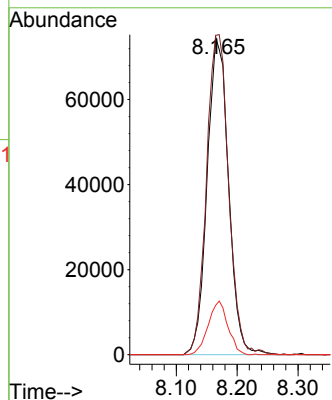
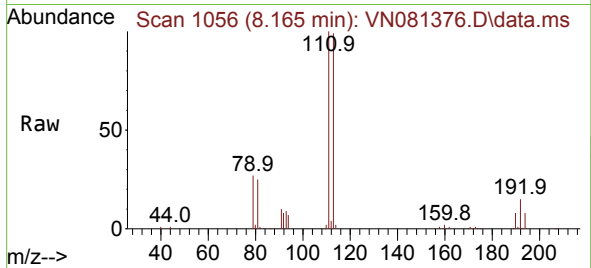




#35
 Dibromofluoromethane
 Concen: 51.011 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN081376.D
 Acq: 12 Mar 2024 16:38

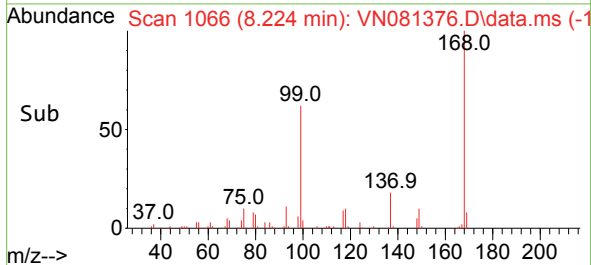
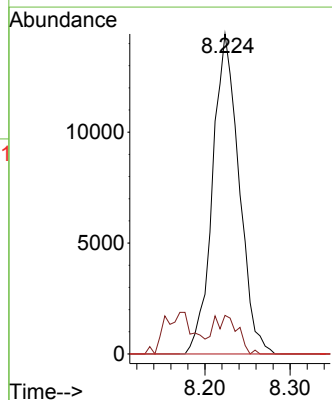
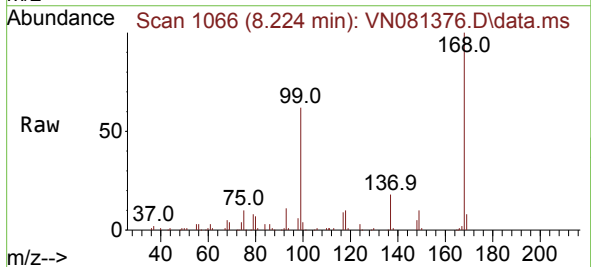
Instrument :
 MSVOA_N
 ClientSampleId :
 1341

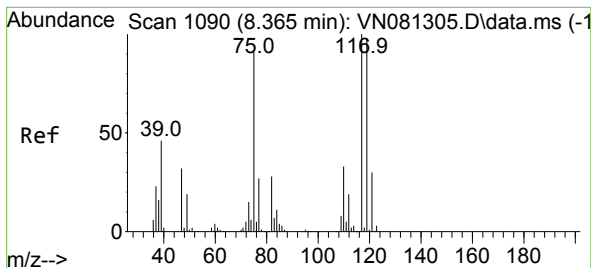
Tgt Ion:113 Resp: 181783
 Ion Ratio Lower Upper
 113 100
 111 104.7 82.2 123.4
 192 15.6 12.5 18.7



#36
 1,1-Dichloropropene
 Concen: 5.422 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.153 min
 Lab File: VN081376.D
 Acq: 12 Mar 2024 16:38

Tgt Ion: 75 Resp: 31170
 Ion Ratio Lower Upper
 75 100
 110 11.1 16.0 48.0#
 77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.376 ug/l

RT: 8.229 min Scan# 1090

Delta R.T. -0.135 min

Lab File: VN081376.D

Acq: 12 Mar 2024 16:38

Instrument :

MSVOA_N

ClientSampleId :

1341

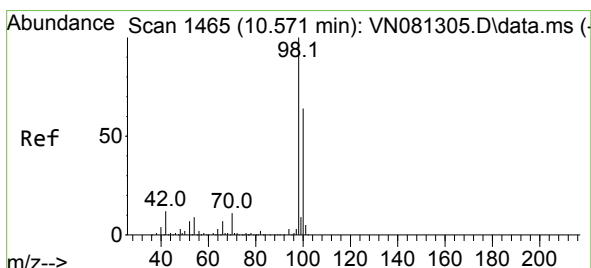
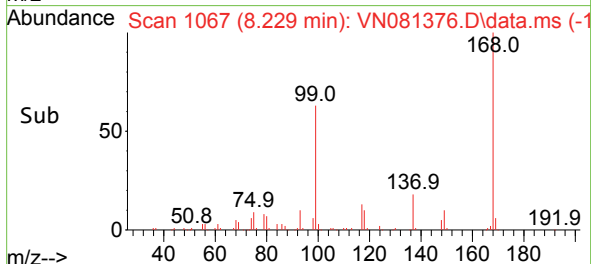
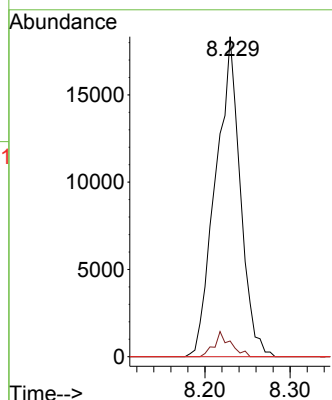
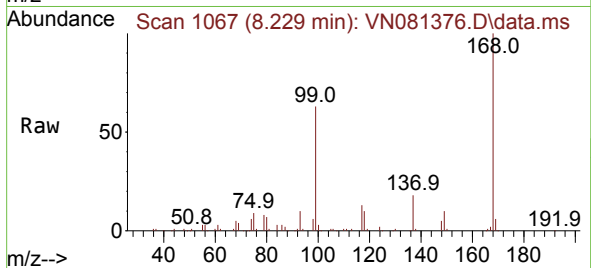
Tgt Ion:117 Resp: 36891

Ion Ratio Lower Upper

117 100

119 4.9 73.4 110.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 51.580 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081376.D

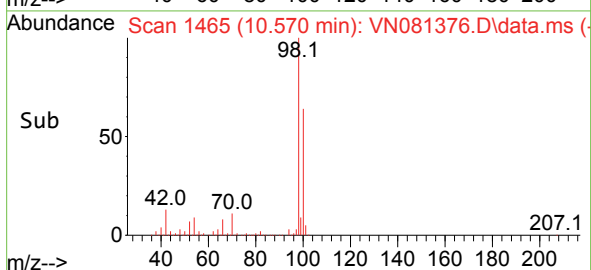
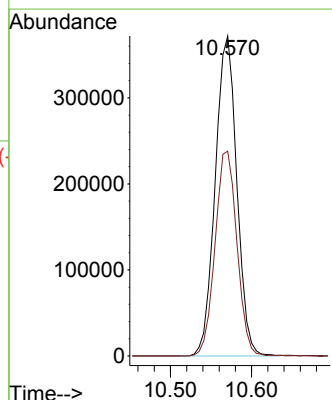
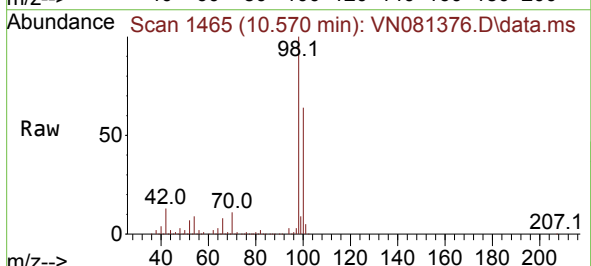
Acq: 12 Mar 2024 16:38

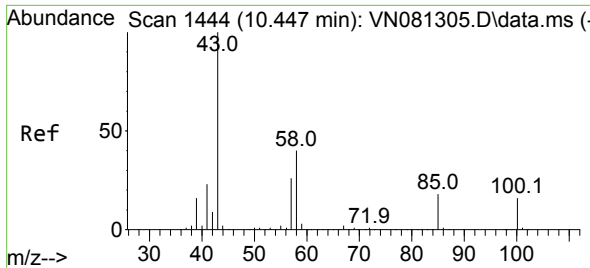
Tgt Ion: 98 Resp: 687122

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.0

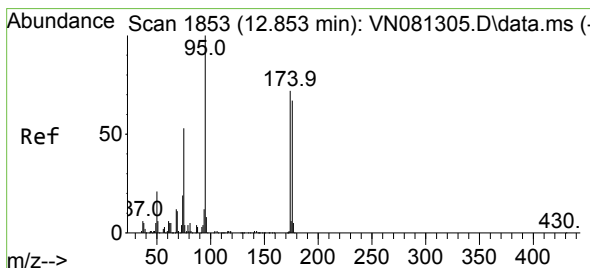
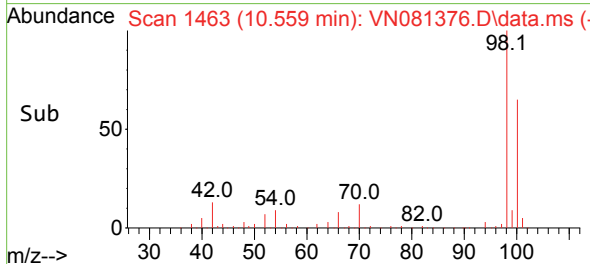
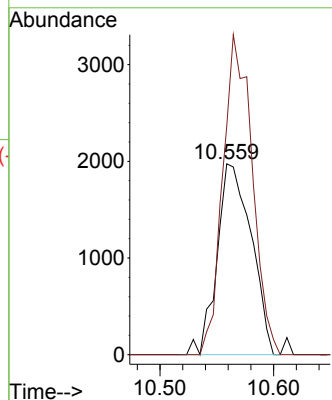
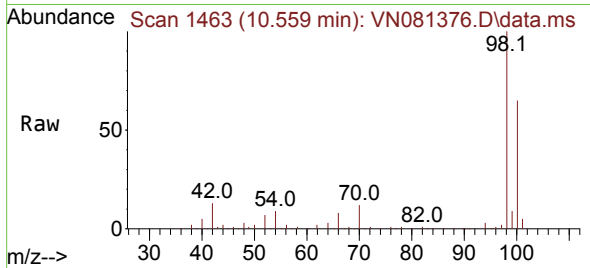




#51
4-Methyl-2-Pentanone
Concen: 0.723 ug/l
RT: 10.559 min Scan# 1444
Delta R.T. 0.112 min
Lab File: VN081376.D
Acq: 12 Mar 2024 16:38

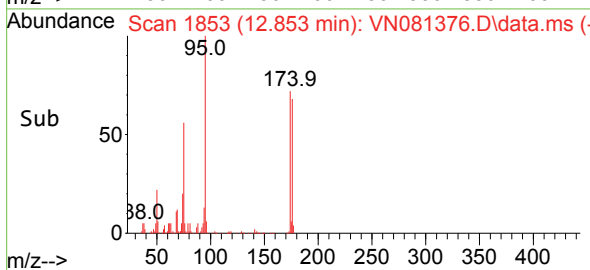
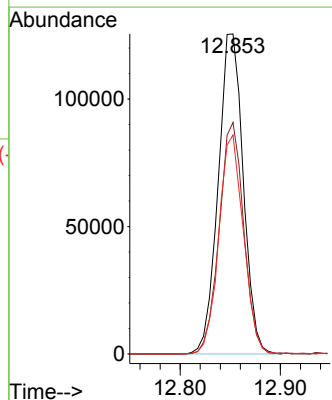
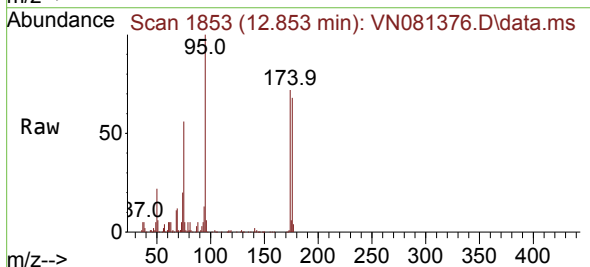
Instrument :
MSVOA_N
ClientSampleId :
1341

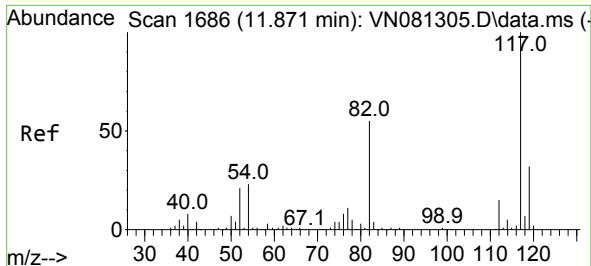
Tgt Ion: 43 Resp: 4132
Ion Ratio Lower Upper
43 100
58 143.9 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 46.235 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081376.D
Acq: 12 Mar 2024 16:38

Tgt Ion: 95 Resp: 217690
Ion Ratio Lower Upper
95 100
174 70.8 0.0 120.4
176 67.2 0.0 121.0

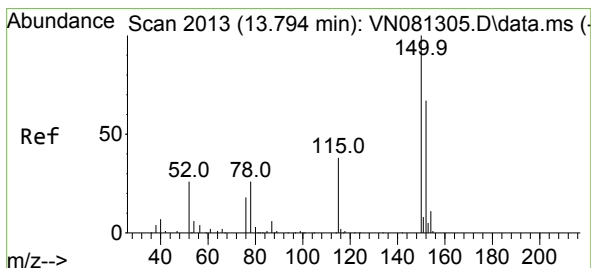
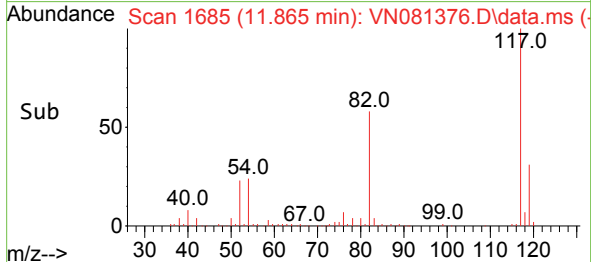
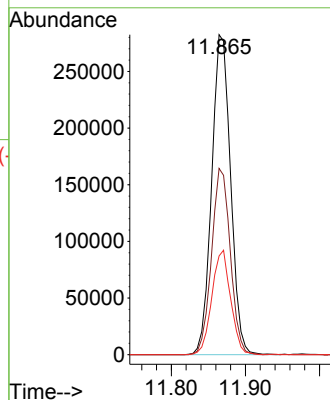
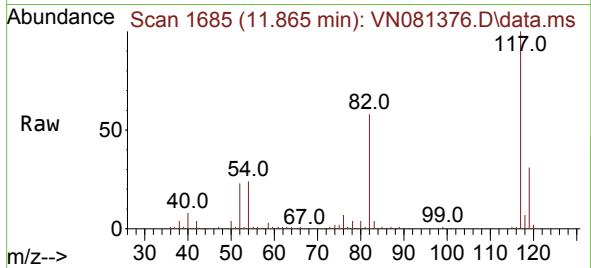




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11341
Delta R.T. -0.006 min
Lab File: VN081376.D
Acq: 12 Mar 2024 16:38

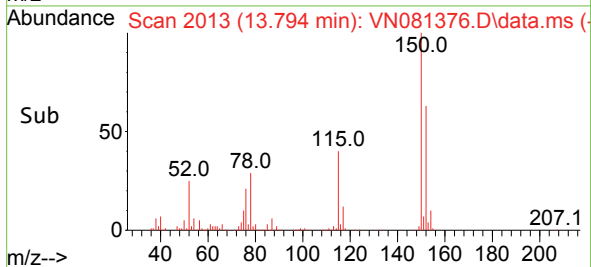
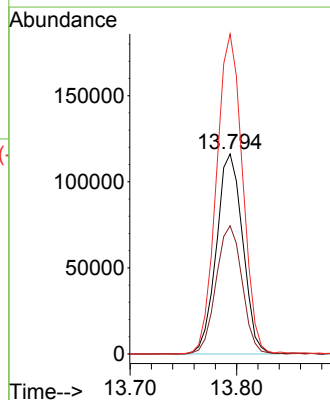
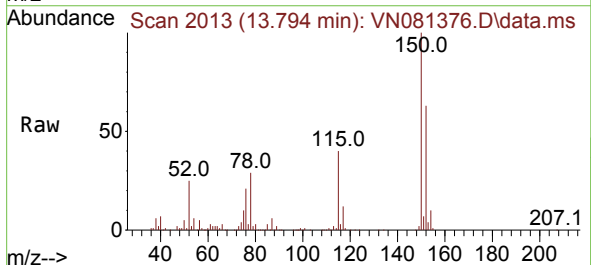
Instrument :
MSVOA_N
ClientSampleId :
1341

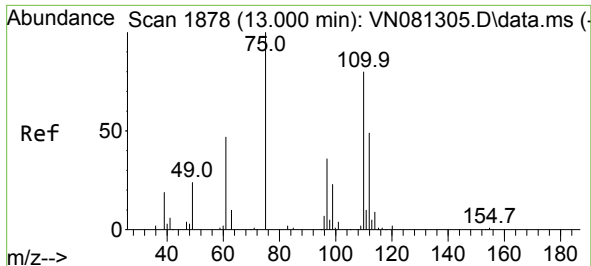
Tgt Ion:117 Resp: 500688
Ion Ratio Lower Upper
117 100
82 58.2 52.7 79.1
119 30.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081376.D
Acq: 12 Mar 2024 16:38

Tgt Ion:152 Resp: 199105
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 159.5 0.0 339.8

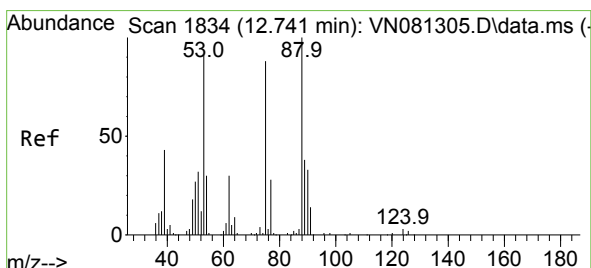
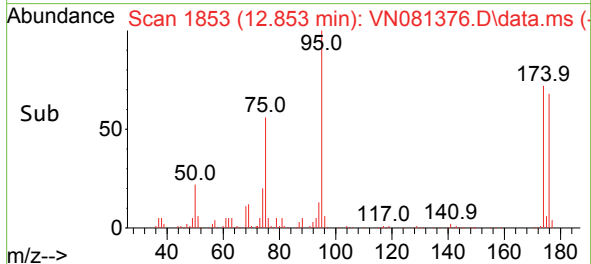
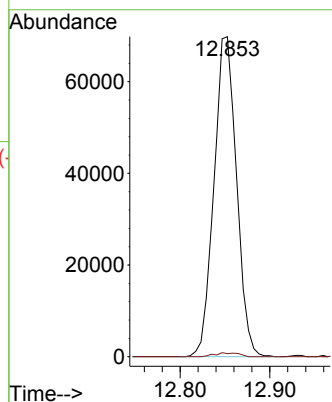
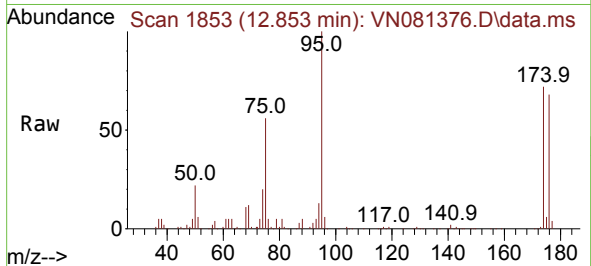




#76
1,2,3-Trichloropropane
Concen: 25.924 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN081376.D
Acq: 12 Mar 2024 16:38

Instrument :
MSVOA_N
ClientSampleId :
1341

Tgt Ion: 75 Resp: 121914
Ion Ratio Lower Upper
75 100
77 1.3 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.348 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081376.D
Acq: 12 Mar 2024 16:38

Tgt Ion: 75 Resp: 121914
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

