

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070324\
 Data File : VN082794.D
 Acq On : 03 Jul 2024 11:27
 Operator : JC\MD
 Sample : VN0703WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

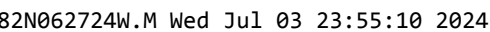
Quant Time: Jul 03 23:54:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

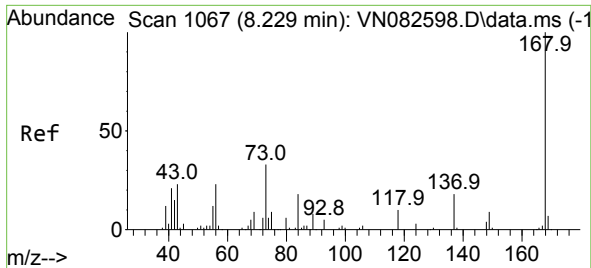
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	118848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	220282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	89666	48.923	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.840%
35) Dibromofluoromethane	8.171	113	72624	50.074	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.140%
50) Toluene-d8	10.565	98	275242	50.746	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.500%
62) 4-Bromofluorobenzene	12.847	95	99595	53.469	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	106.940%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	406	0.214	ug/l #	43
5) Bromomethane	2.965	94	630	0.440	ug/l #	65
17) Carbon Disulfide	4.712	76	910	0.209	ug/l #	75
31) Cyclohexane	8.224	56	2814	1.090	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	10210	4.898	ug/l #	51
38) Carbon Tetrachloride	8.224	117	13294	5.453	ug/l #	18
43) Isopropyl Acetate	8.700	43	1621	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1222	0.530	ug/l #	1
71) Bromoform	12.853	173	720	0.557	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	55202	27.234	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	55202	71.023	ug/l #	6
94) Hexachlorobutadiene	15.506	225	324	0.479	ug/l #	45
95) Naphthalene	15.635	128	1194	0.240	ug/l #	69

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

Quant Time: Jul 03 23:54:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
Response via : Initial Calibration

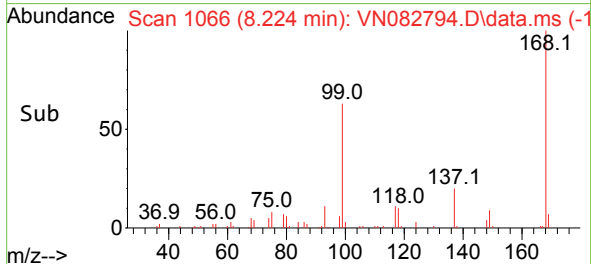
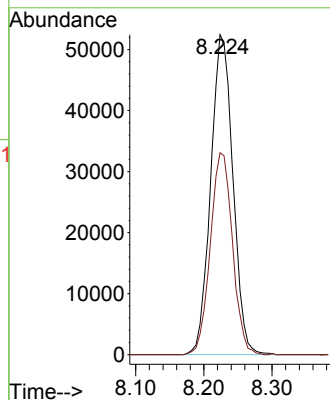
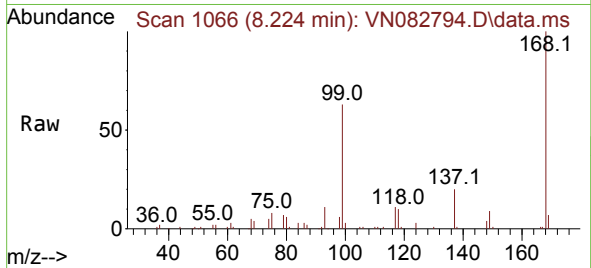




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082794.D
Acq: 03 Jul 2024 11:27

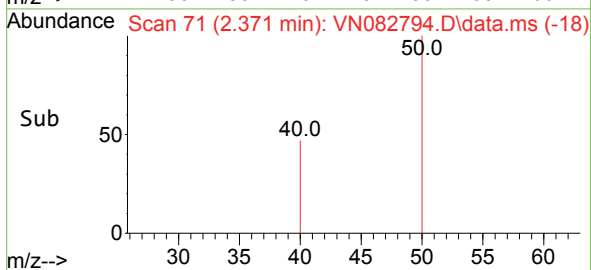
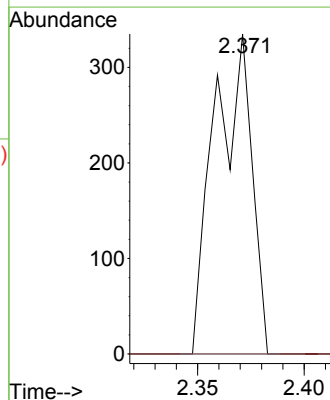
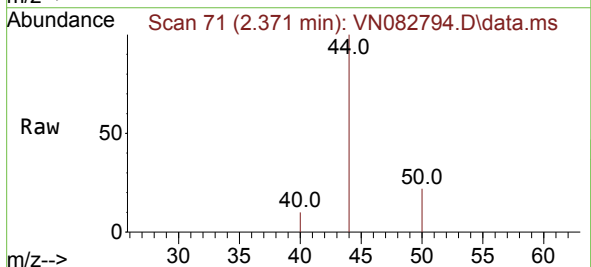
Instrument :
MSVOA_N
ClientSampleId :

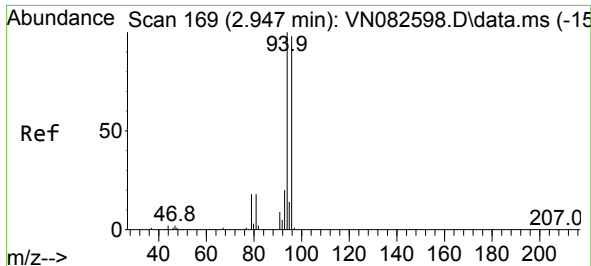
Tgt Ion:168 Resp: 118848
Ion Ratio Lower Upper
168 100
99 63.1 48.2 72.4



#3
Chloromethane
Concen: 0.214 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN082794.D
Acq: 03 Jul 2024 11:27

Tgt Ion: 50 Resp: 406
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

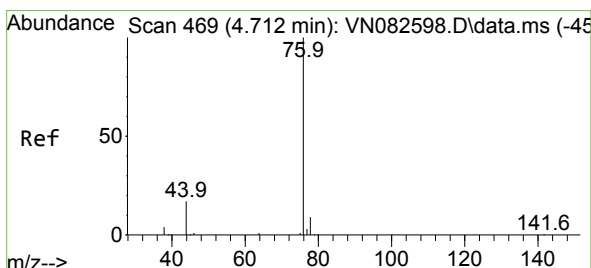
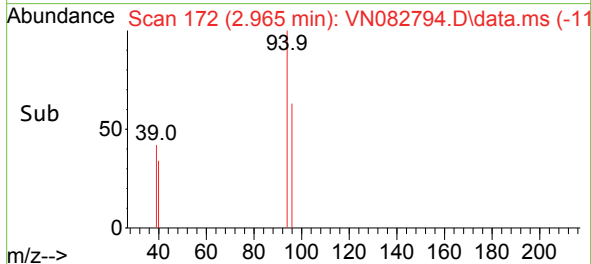
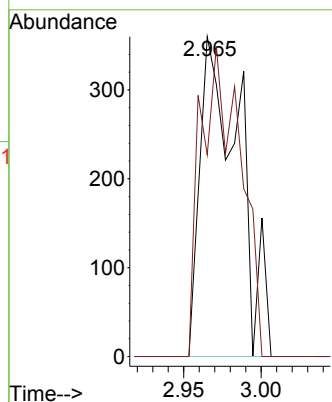
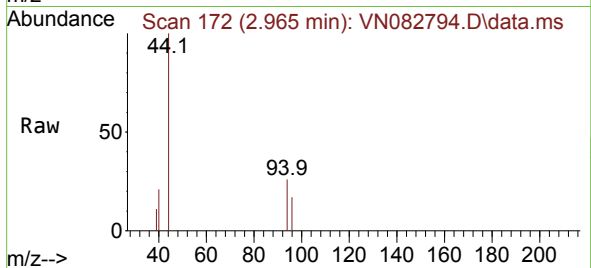




#5
Bromomethane
Concen: 0.440 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082794.D
Acq: 03 Jul 2024 11:27

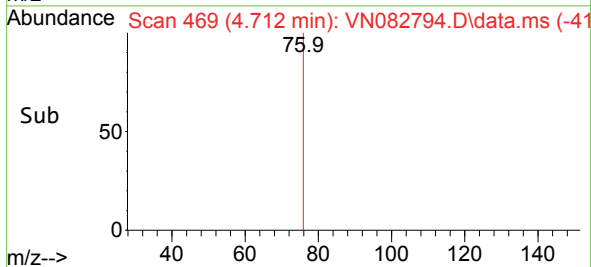
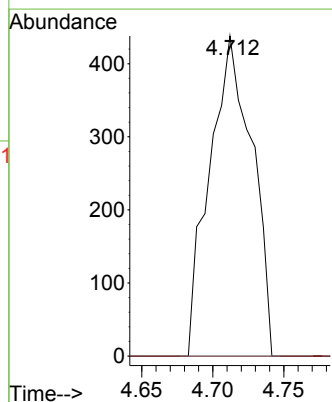
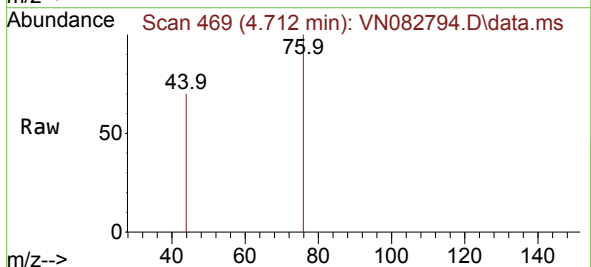
Instrument :
MSVOA_N
ClientSampleId :

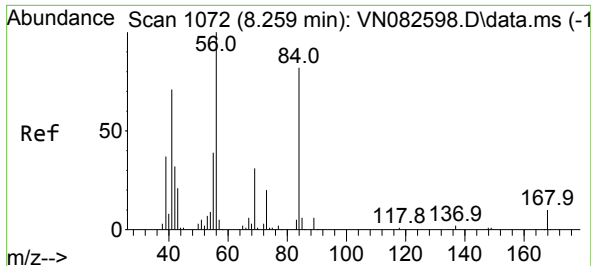
Tgt Ion: 94 Resp: 630
Ion Ratio Lower Upper
94 100
96 63.1 78.0 117.0#



#17
Carbon Disulfide
Concen: 0.209 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082794.D
Acq: 03 Jul 2024 11:27

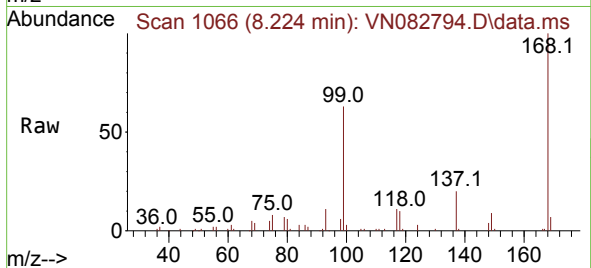
Tgt Ion: 76 Resp: 910
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



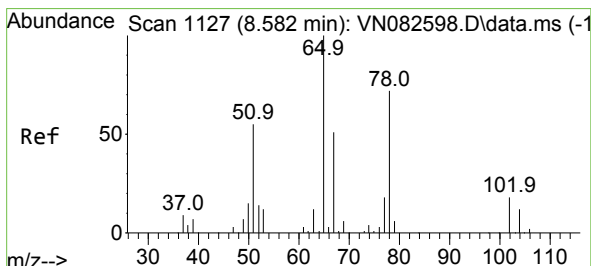
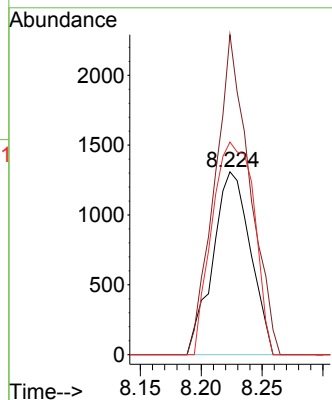
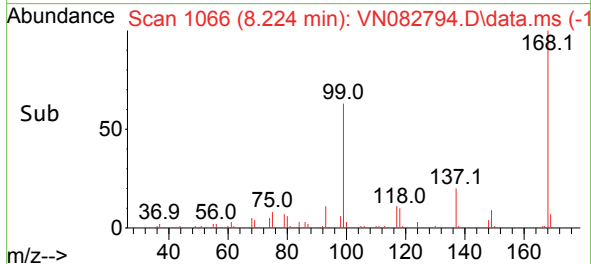


#31
Cyclohexane
Concen: 1.090 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082794.D
Acq: 03 Jul 2024 11:27

Instrument :
MSVOA_N
ClientSampleId :

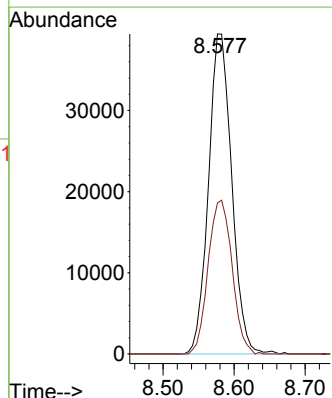
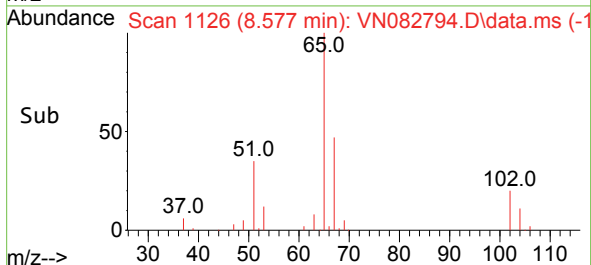
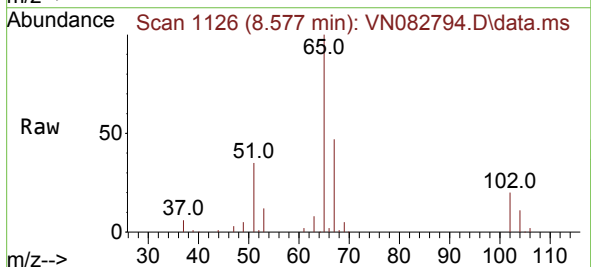


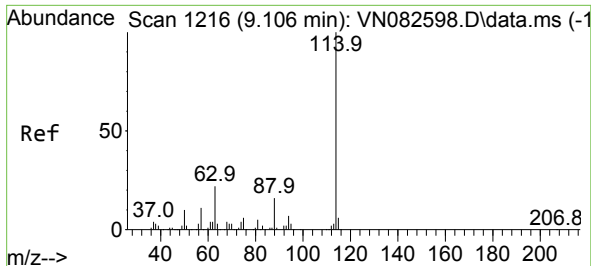
Tgt Ion: 56 Resp: 2814
Ion Ratio Lower Upper
56 100
69 175.0 24.5 36.7#
84 116.3 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 48.923 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082794.D
Acq: 03 Jul 2024 11:27

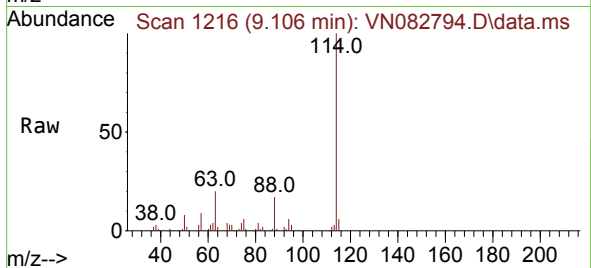
Tgt Ion: 65 Resp: 89666
Ion Ratio Lower Upper
65 100
67 49.5 0.0 104.4



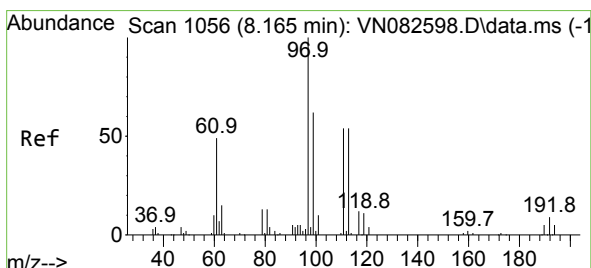
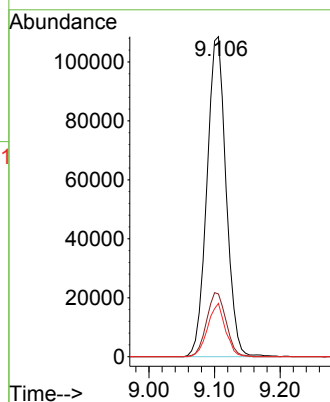
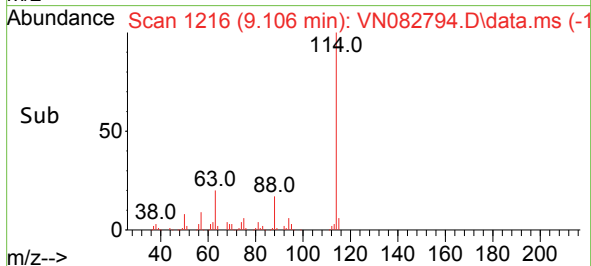


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082794.D
Acq: 03 Jul 2024 11:27

Instrument :
MSVOA_N
ClientSampleId :

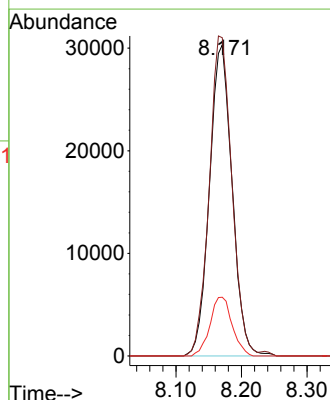
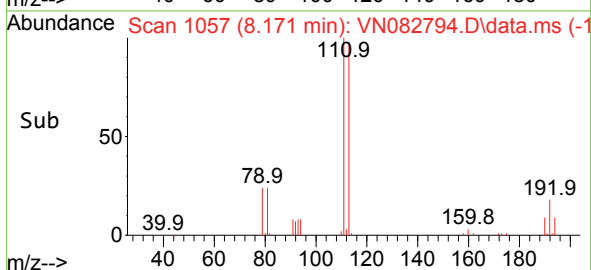
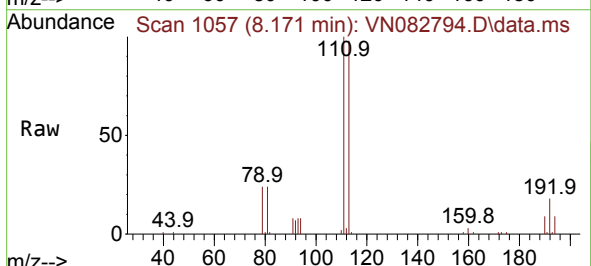


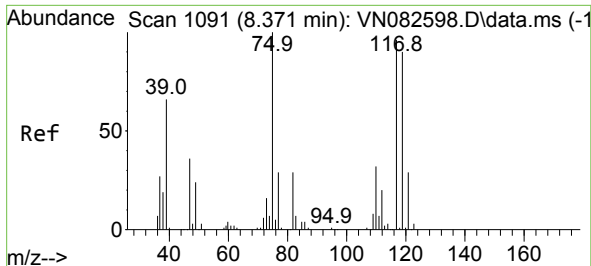
Tgt Ion:114 Resp: 220282
Ion Ratio Lower Upper
114 100
63 19.6 0.0 44.6
88 16.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.074 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082794.D
Acq: 03 Jul 2024 11:27

Tgt Ion:113 Resp: 72624
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 18.5 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.898 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

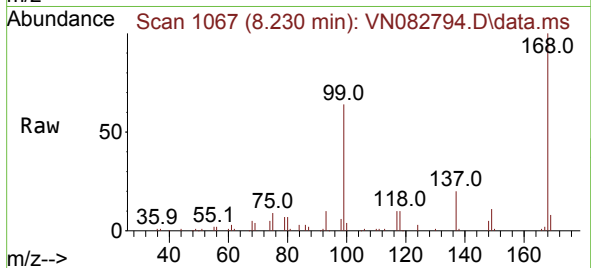
Lab File: VN082794.D

Acq: 03 Jul 2024 11:27

Instrument :

MSVOA_N

ClientSampleId :



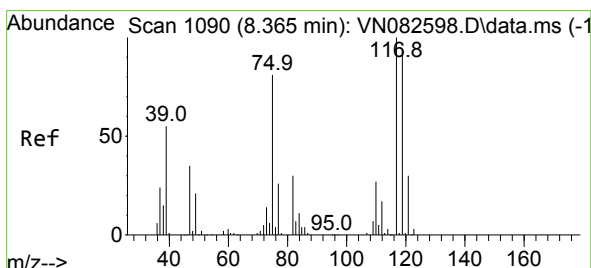
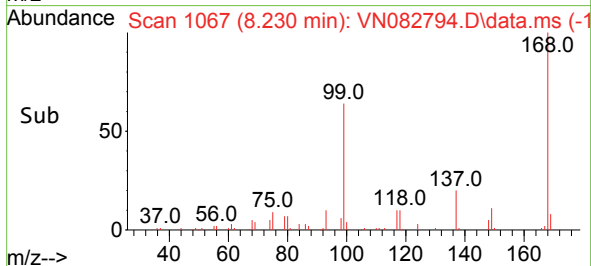
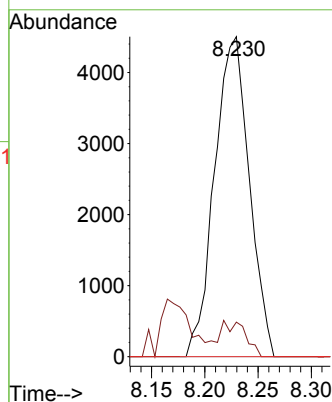
Tgt Ion: 75 Resp: 10210

Ion Ratio Lower Upper

75 100

110 8.8 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.453 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082794.D

Acq: 03 Jul 2024 11:27

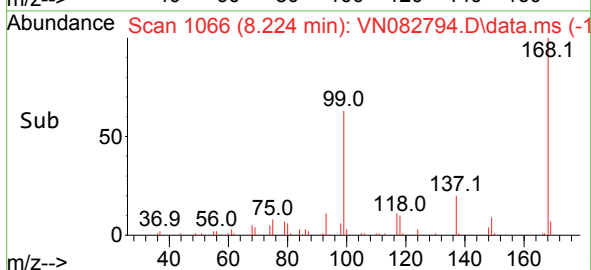
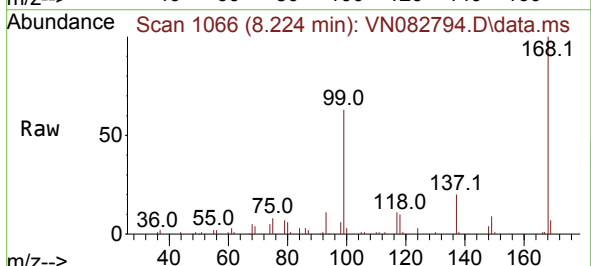
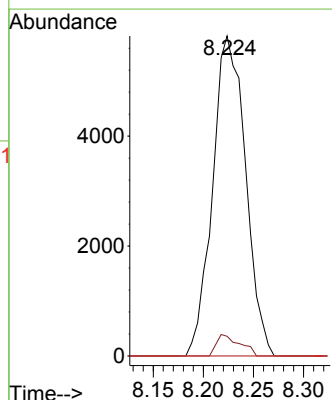
Tgt Ion: 117 Resp: 13294

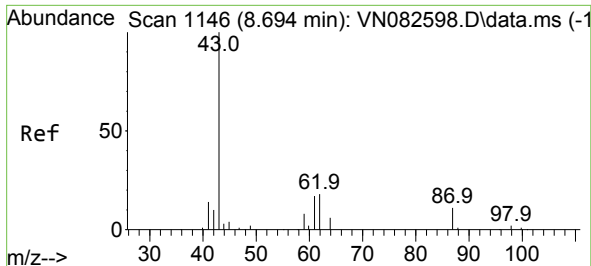
Ion Ratio Lower Upper

117 100

119 6.2 74.9 112.3#

121 0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

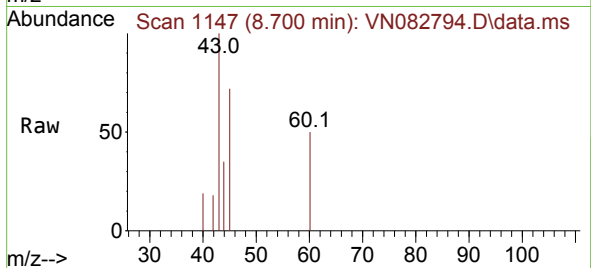
Lab File: VN082794.D

Acq: 03 Jul 2024 11:27

Instrument :

MSVOA_N

ClientSampleId :



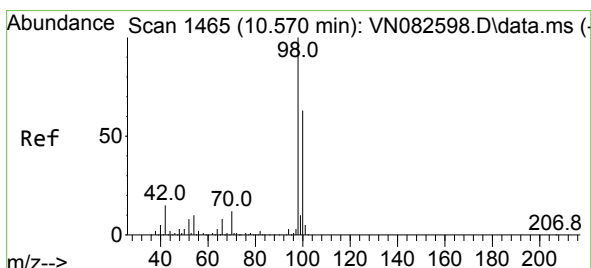
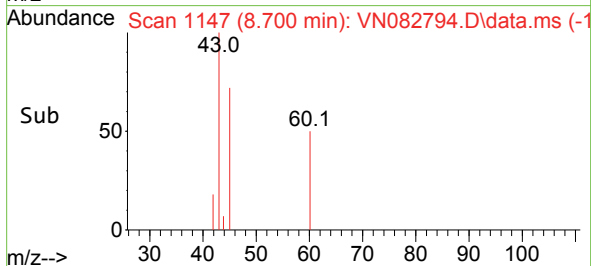
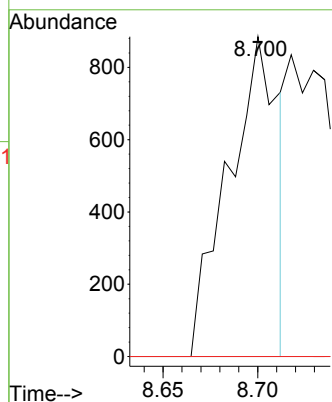
Tgt Ion: 43 Resp: 1621

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

43	100		
----	-----	--	--

61	0.0	17.8	26.6#
----	-----	------	-------

87	0.0	8.2	12.2#
----	-----	-----	-------



#50

Toluene-d8

Concen: 50.746 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.005 min

Lab File: VN082794.D

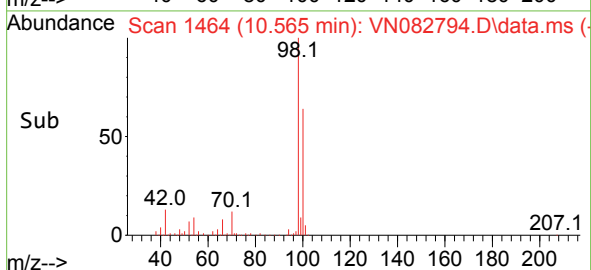
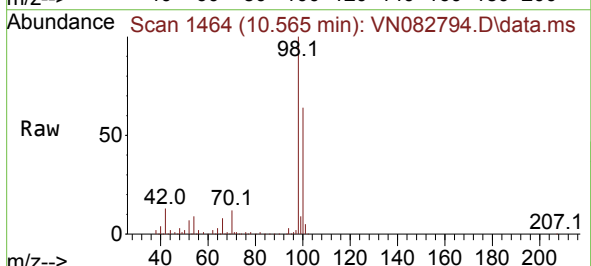
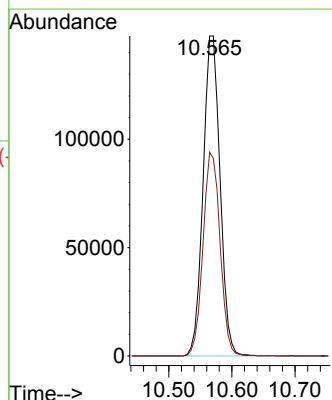
Acq: 03 Jul 2024 11:27

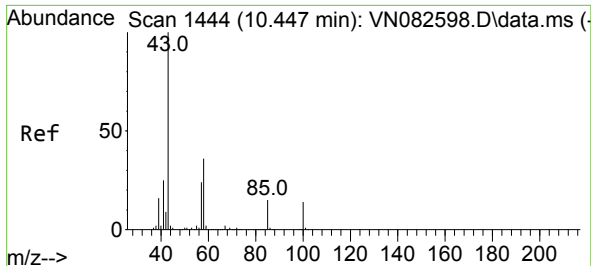
Tgt Ion: 98 Resp: 275242

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

98	100		
----	-----	--	--

100	64.0	51.5	77.3
-----	------	------	------

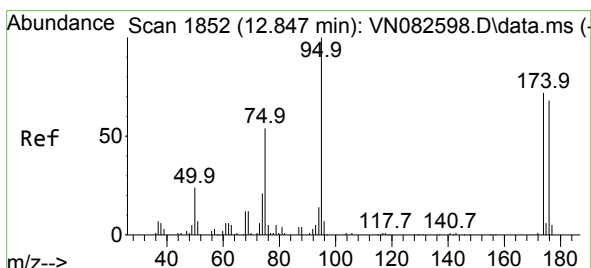
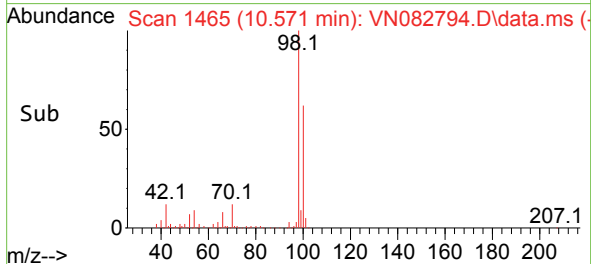
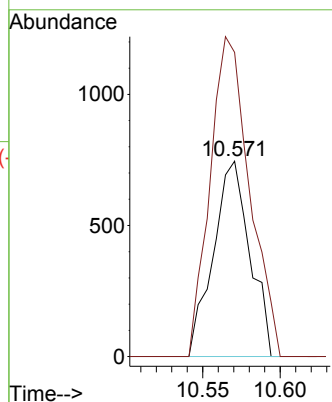
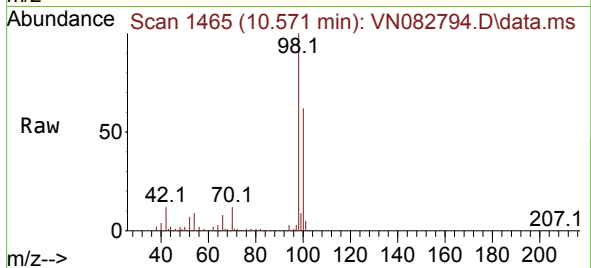




#51
4-Methyl-2-Pentanone
Concen: 0.530 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN082794.D
Acq: 03 Jul 2024 11:27

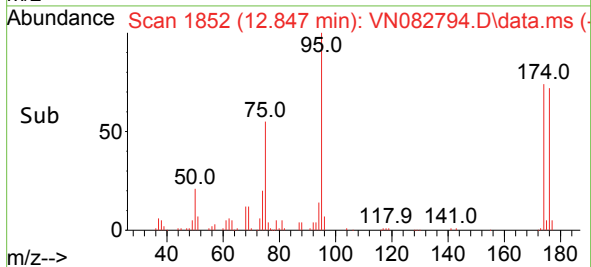
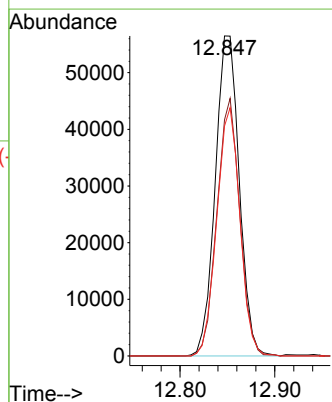
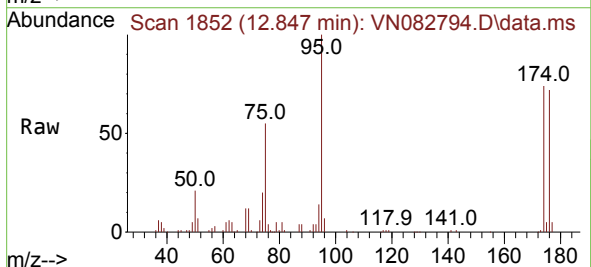
Instrument :
MSVOA_N
ClientSampleId :

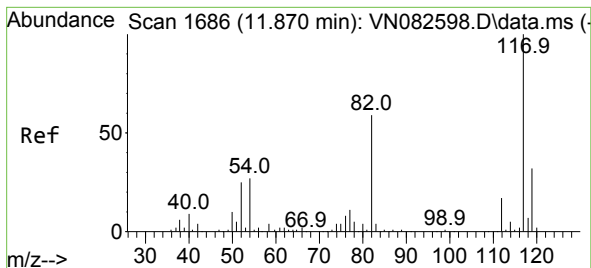
Tgt Ion: 43 Resp: 1222
Ion Ratio Lower Upper
43 100
58 177.1 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 53.469 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082794.D
Acq: 03 Jul 2024 11:27

Tgt Ion: 95 Resp: 99595
Ion Ratio Lower Upper
95 100
174 76.5 0.0 159.2
176 74.7 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082794.D

Acq: 03 Jul 2024 11:27

Instrument :

MSVOA_N

ClientSampleId :

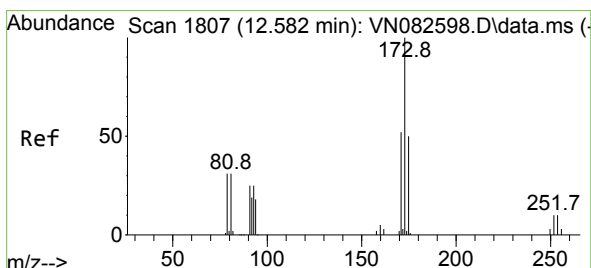
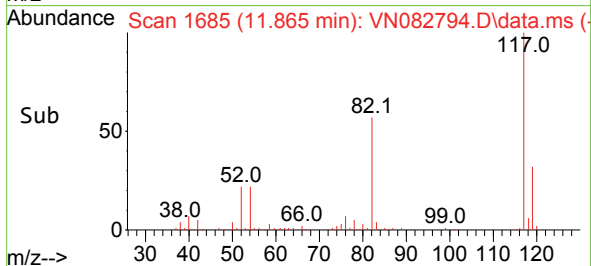
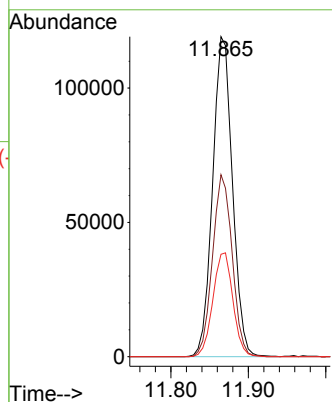
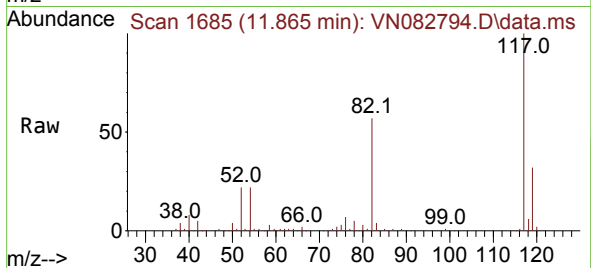
Tgt Ion:117 Resp: 211869

Ion Ratio Lower Upper

117 100

82 56.9 47.5 71.3

119 32.0 25.6 38.4



#71

Bromoform

Concen: 0.557 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

Lab File: VN082794.D

Acq: 03 Jul 2024 11:27

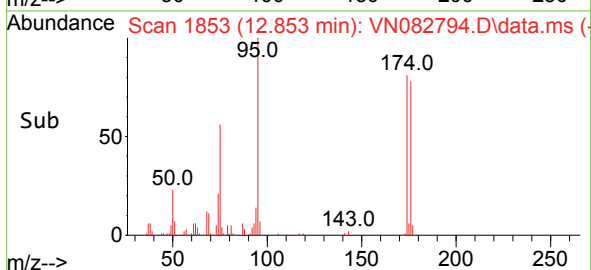
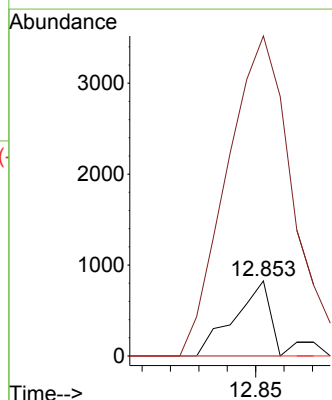
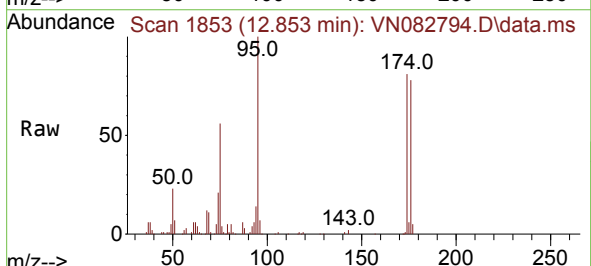
Tgt Ion:173 Resp: 720

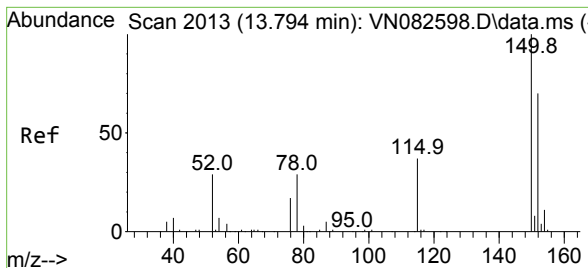
Ion Ratio Lower Upper

173 100

175 656.0 24.0 72.0#

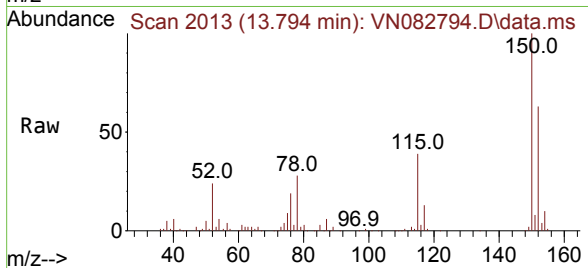
254 0.0 0.0 0.0



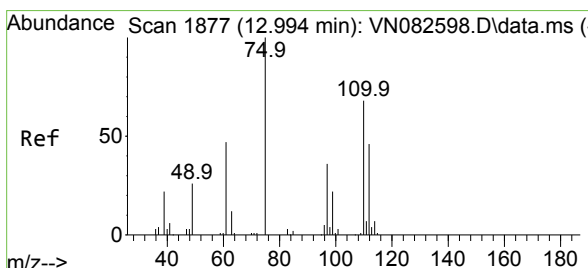
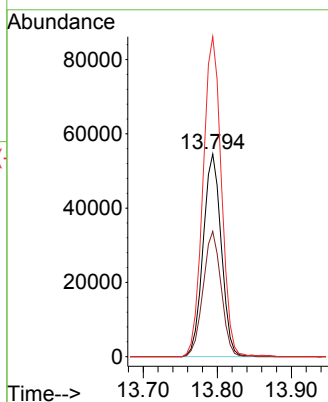
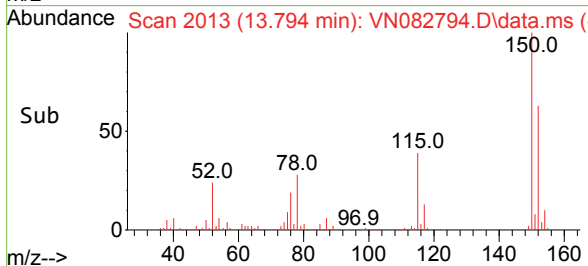


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082794.D
Acq: 03 Jul 2024 11:27

Instrument :
MSVOA_N
ClientSampleId :

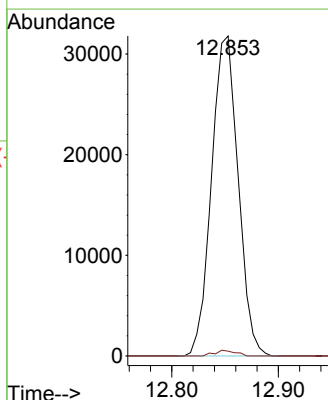
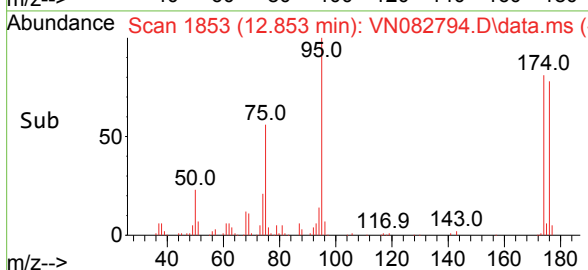
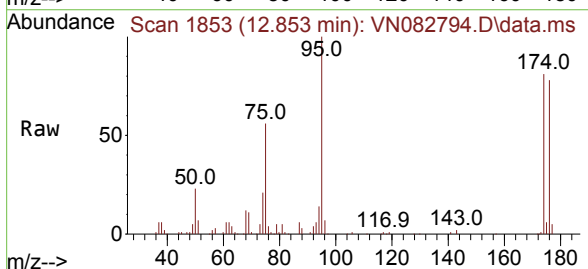


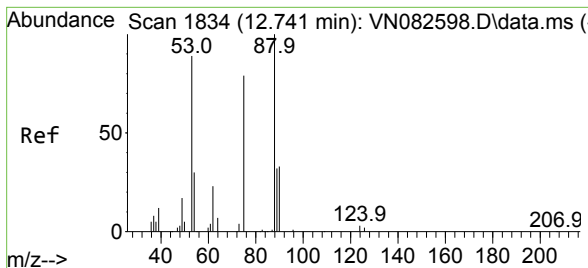
Tgt Ion:152 Resp: 92928
Ion Ratio Lower Upper
152 100
115 61.4 30.6 91.6
150 159.9 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 27.234 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082794.D
Acq: 03 Jul 2024 11:27

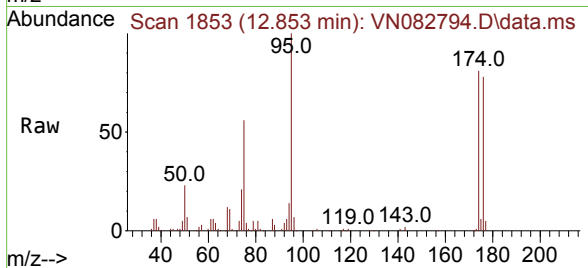
Tgt Ion: 75 Resp: 55202
Ion Ratio Lower Upper
75 100
77 1.4 110.9 332.6#



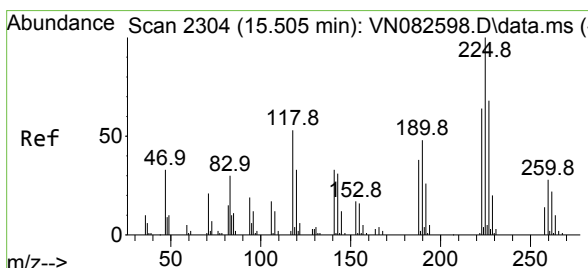
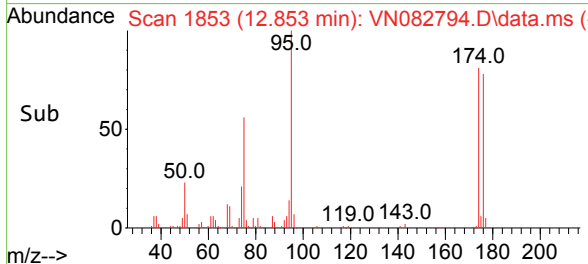
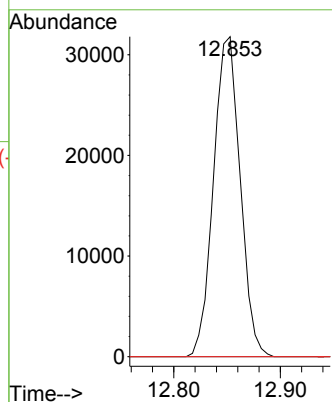


#81
trans-1,4-Dichloro-2-butene
Concen: 71.023 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082794.D
Acq: 03 Jul 2024 11:27

Instrument :
MSVOA_N
ClientSampleId :

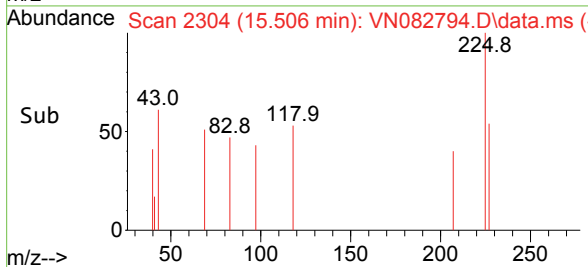
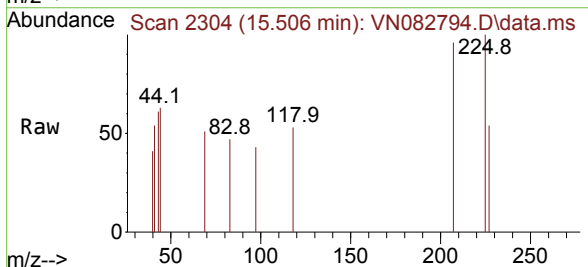
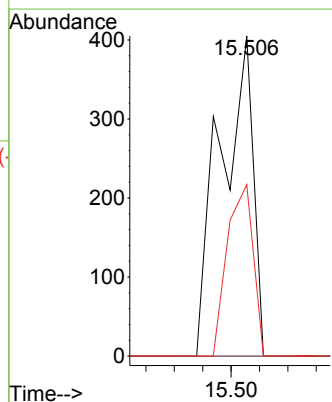


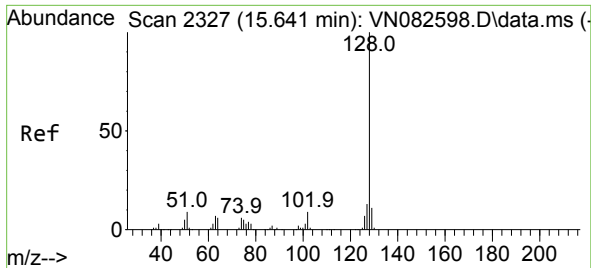
Tgt Ion: 75 Resp: 55202
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#94
Hexachlorobutadiene
Concen: 0.479 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.001 min
Lab File: VN082794.D
Acq: 03 Jul 2024 11:27

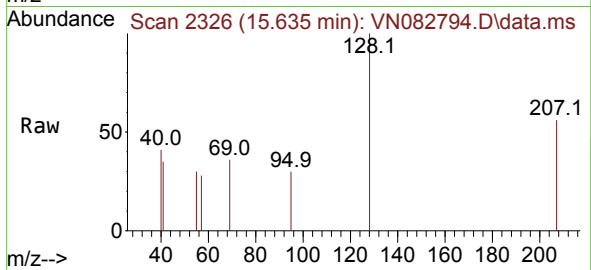
Tgt Ion: 225 Resp: 324
Ion Ratio Lower Upper
225 100
223 0.0 31.9 95.7#
227 42.3 32.5 97.5





#95
 Naphthalene
 Concen: 0.240 ug/l
 RT: 15.635 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN082794.D
 Acq: 03 Jul 2024 11:27

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	1194
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	12.8#

