

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080924\
 Data File : VN083194.D
 Acq On : 09 Aug 2024 20:03
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 10 01:04:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	126200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	241531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110576	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	106492	59.284	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.560%
35) Dibromofluoromethane	8.165	113	83126	55.139	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.280%
50) Toluene-d8	10.565	98	316707	56.317	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	112.640%
62) 4-Bromofluorobenzene	12.847	95	133733	60.998	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	122.000%

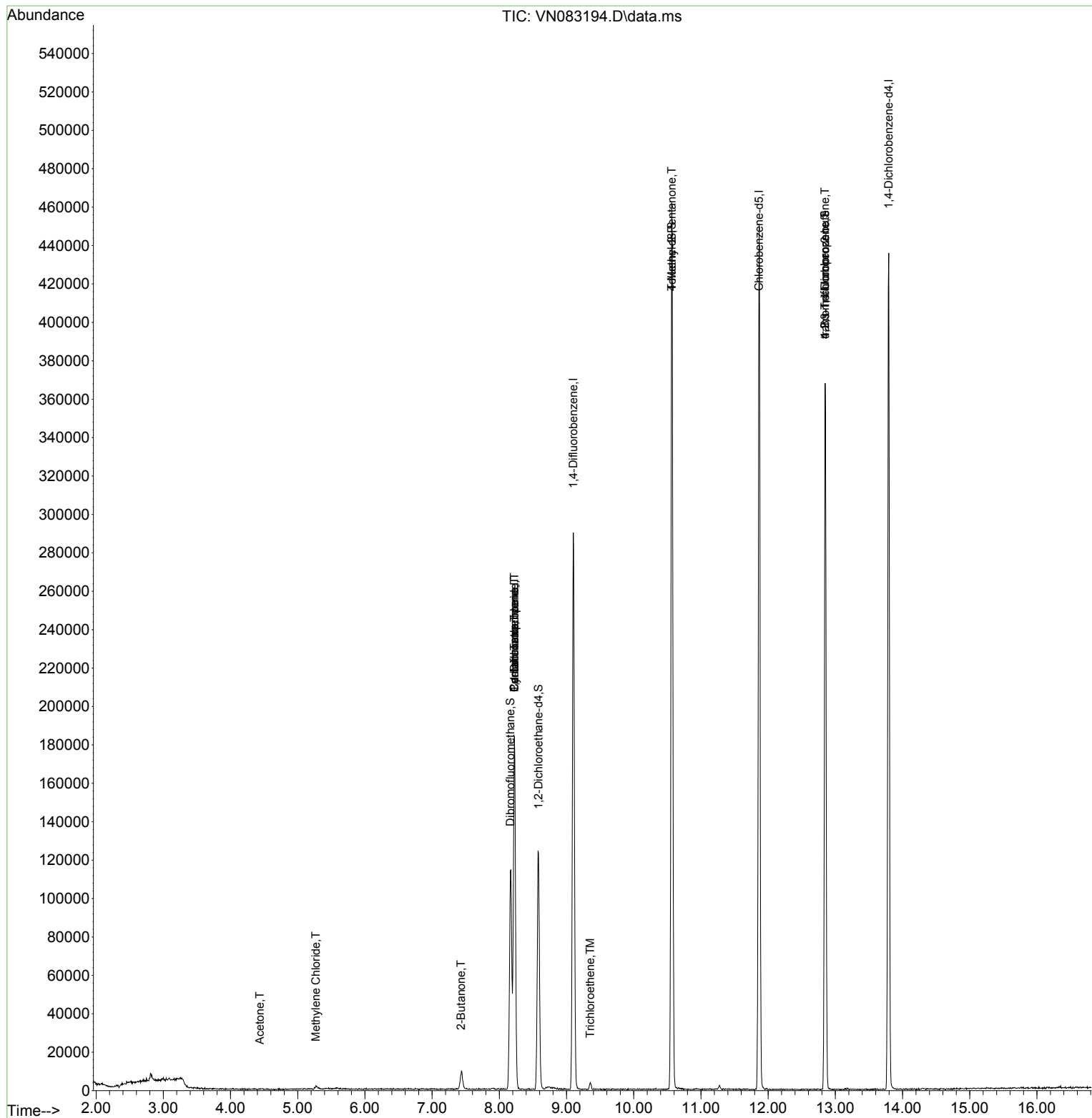
Target Compounds					Qvalue	
16) Acetone	4.436	43	247	0.351	ug/l #	48
20) Methylene Chloride	5.271	84	1101	0.681	ug/l #	71
25) 2-Butanone	7.430	43	489	0.453	ug/l #	53
31) Cyclohexane	8.224	56	3370	1.266	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	11345	4.975	ug/l #	51
38) Carbon Tetrachloride	8.224	117	14755	5.744	ug/l #	15
43) Isopropyl Acetate	8.694	43	543	Below Cal	#	60
44) Trichloroethene	9.353	130	1489	0.921	ug/l	96
51) 4-Methyl-2-Pentanone	10.565	43	1708	0.707	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	72315	29.798	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72315	64.817	ug/l #	6

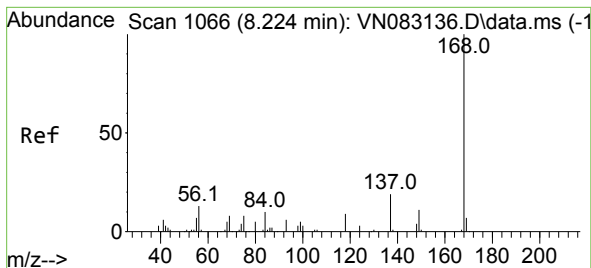
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN083194.D

Acq: 09 Aug 2024 20:03

Instrument :

MSVOA_N

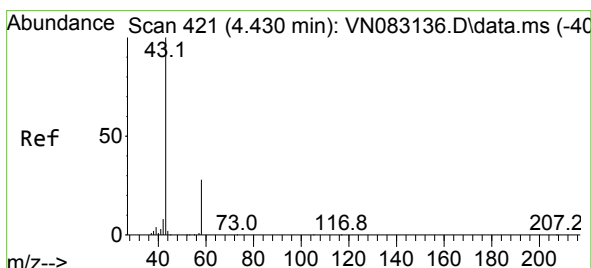
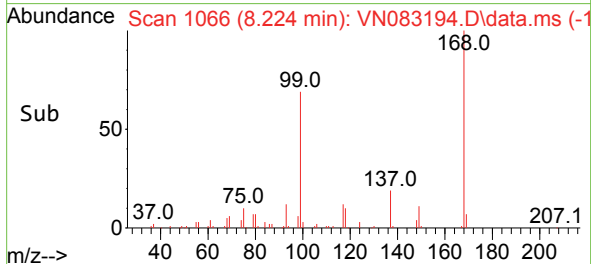
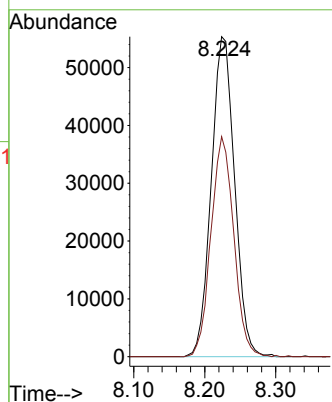
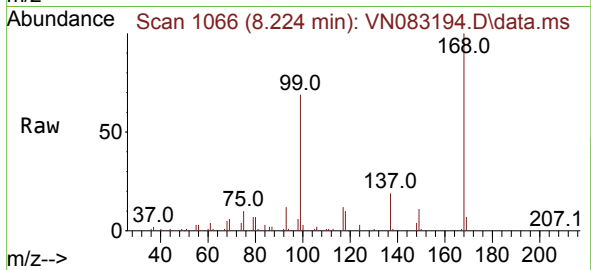
ClientSampleId :

Tgt Ion:168 Resp: 126200

Ion Ratio Lower Upper

168 100

99 68.8 48.2 72.4



#16

Acetone

Concen: 0.351 ug/l

RT: 4.436 min Scan# 422

Delta R.T. 0.006 min

Lab File: VN083194.D

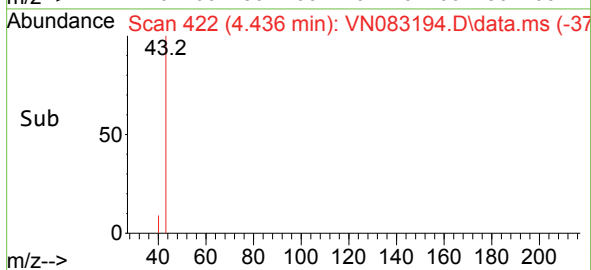
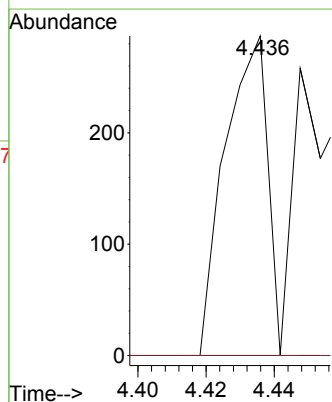
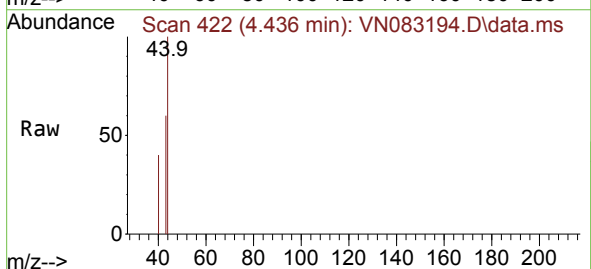
Acq: 09 Aug 2024 20:03

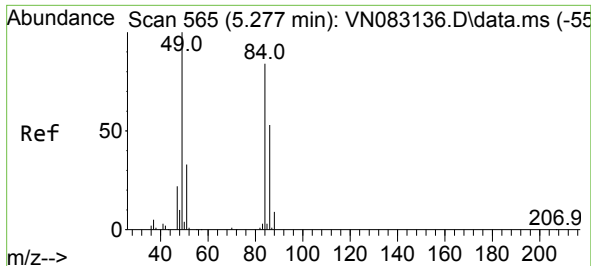
Tgt Ion: 43 Resp: 247

Ion Ratio Lower Upper

43 100

58 0.0 21.8 32.6#





#20

Methylene Chloride

Concen: 0.681 ug/l

RT: 5.271 min Scan# 51

Delta R.T. -0.006 min

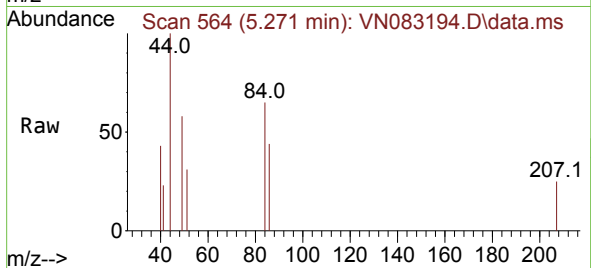
Lab File: VN083194.D

Acq: 09 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 1101

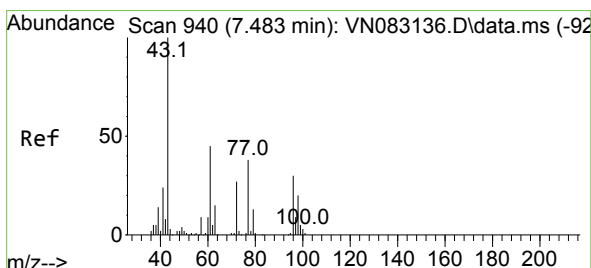
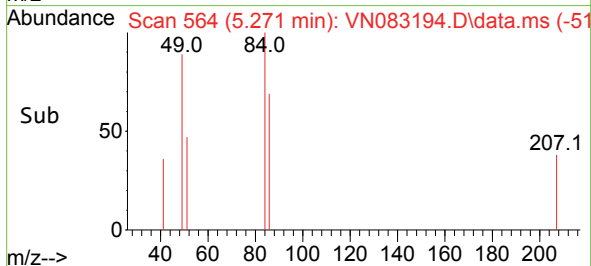
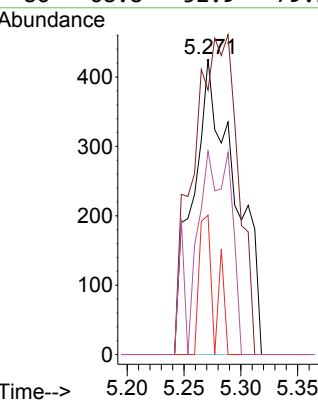
Ion Ratio Lower Upper

84 100

49 89.4 119.6 179.4#

51 47.2 34.8 52.2

86 68.8 52.9 79.3



#25

2-Butanone

Concen: 0.453 ug/l

RT: 7.430 min Scan# 931

Delta R.T. -0.053 min

Lab File: VN083194.D

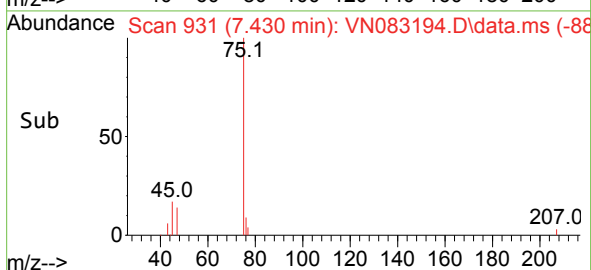
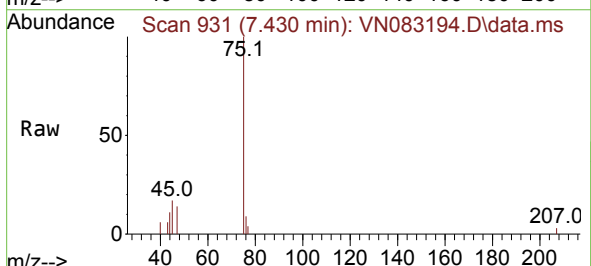
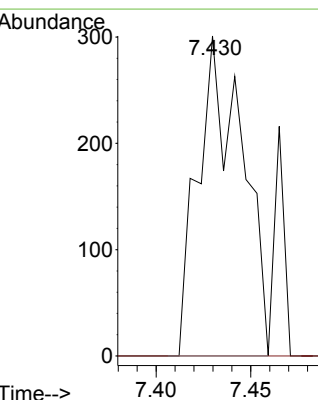
Acq: 09 Aug 2024 20:03

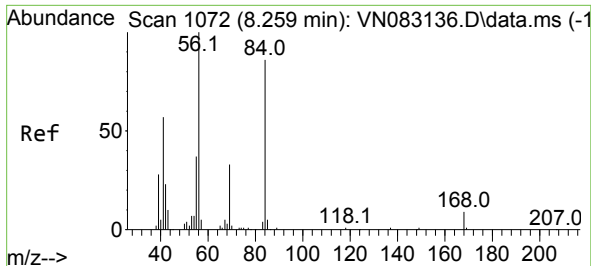
Tgt Ion: 43 Resp: 489

Ion Ratio Lower Upper

43 100

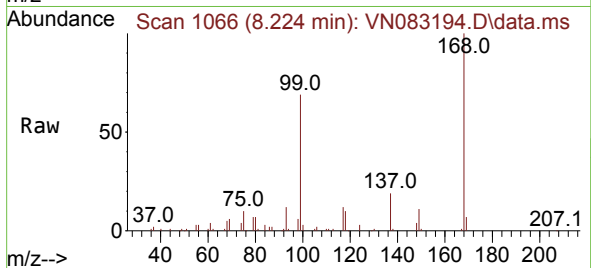
72 0.0 18.2 27.2#



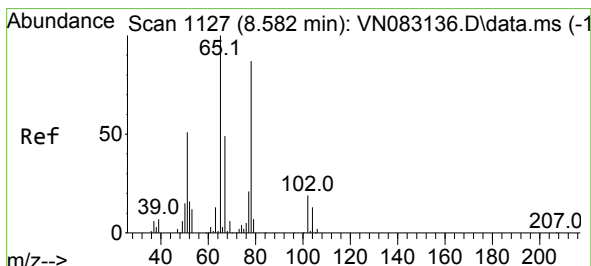
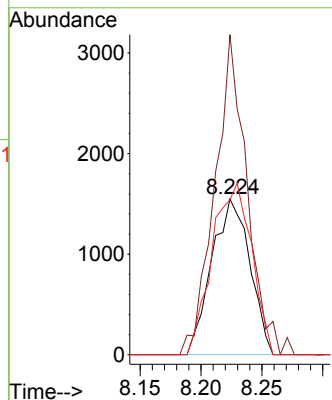
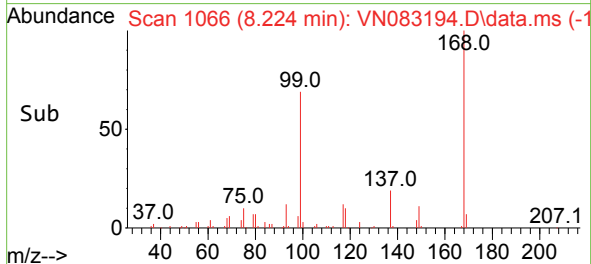


#31
Cyclohexane
Concen: 1.266 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083194.D
Acq: 09 Aug 2024 20:03

Instrument :
MSVOA_N
ClientSampleId :

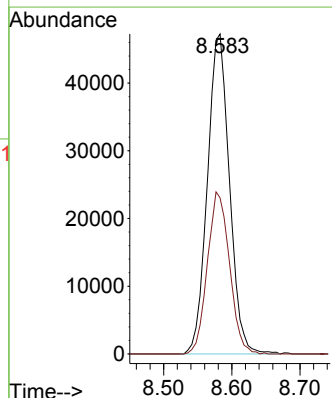
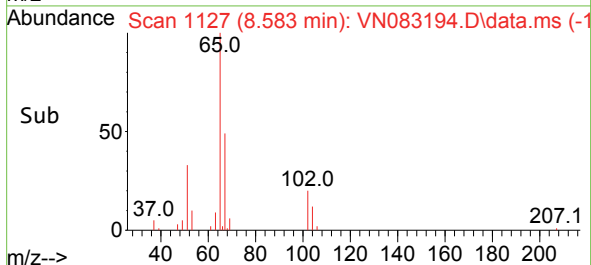
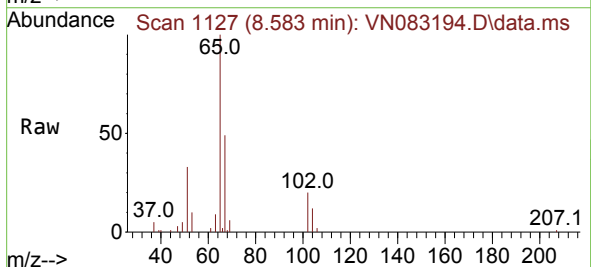


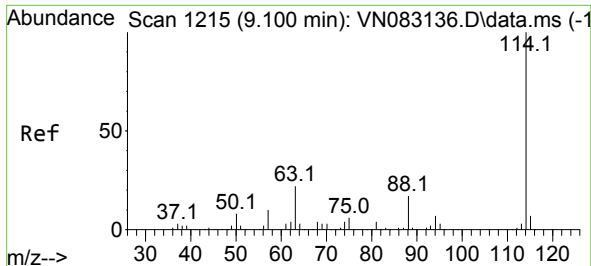
Tgt Ion: 56 Resp: 3370
Ion Ratio Lower Upper
56 100
69 205.4 24.5 36.7#
84 99.4 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 59.284 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083194.D
Acq: 09 Aug 2024 20:03

Tgt Ion: 65 Resp: 106492
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083194.D

Acq: 09 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

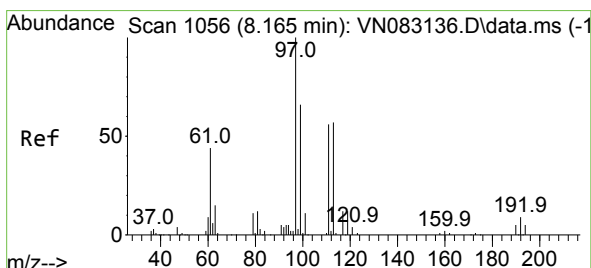
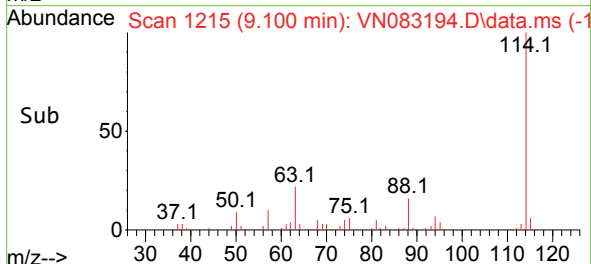
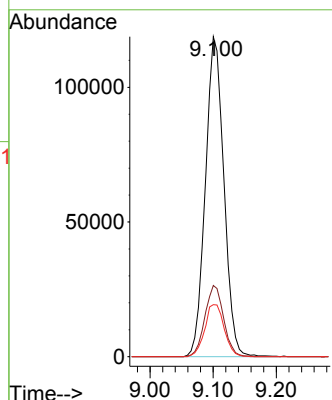
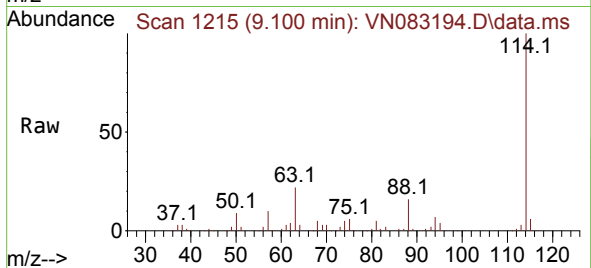
Tgt Ion:114 Resp: 241531

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.6

88 16.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 55.139 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083194.D

Acq: 09 Aug 2024 20:03

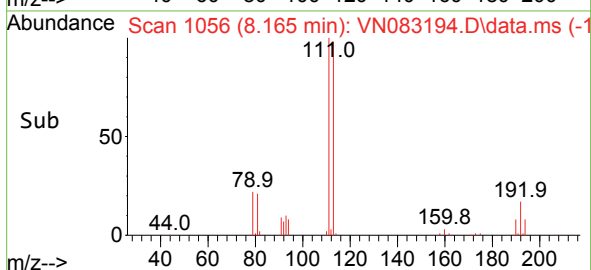
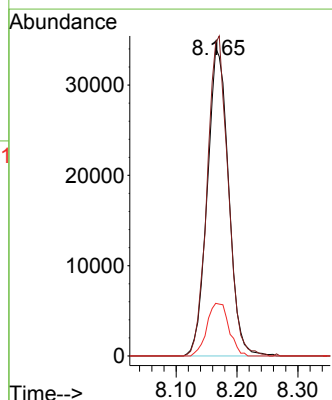
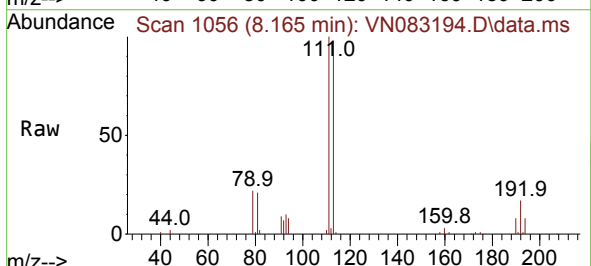
Tgt Ion:113 Resp: 83126

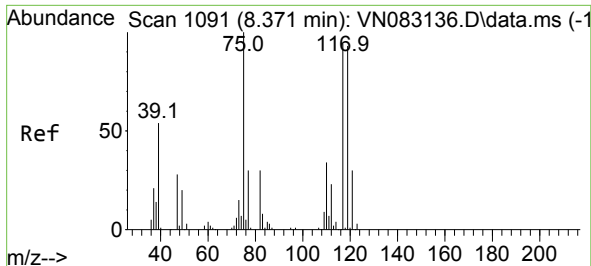
Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

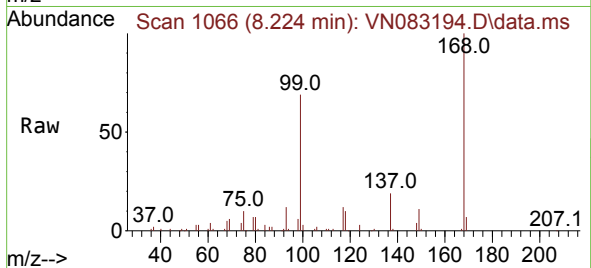
192 17.6 14.9 22.3



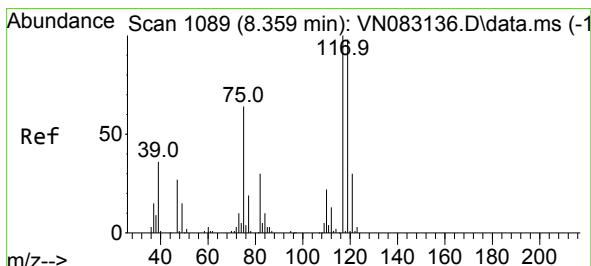
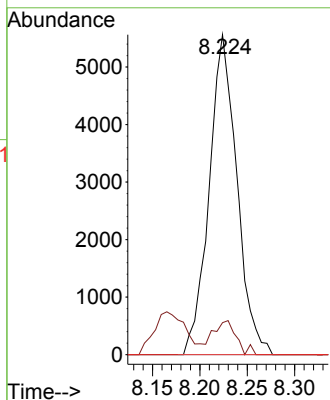
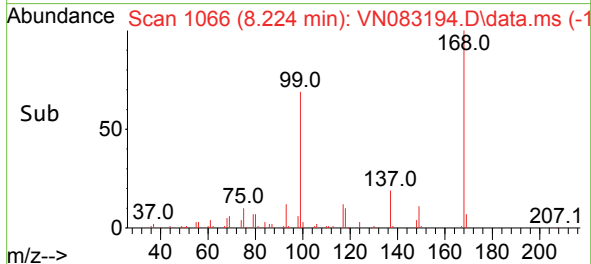


#36
 1,1-Dichloropropene
 Concen: 4.975 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN083194.D
 Acq: 09 Aug 2024 20:03

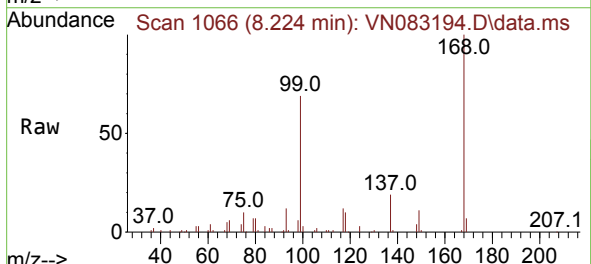
Instrument :
 MSVOA_N
 ClientSampleId :



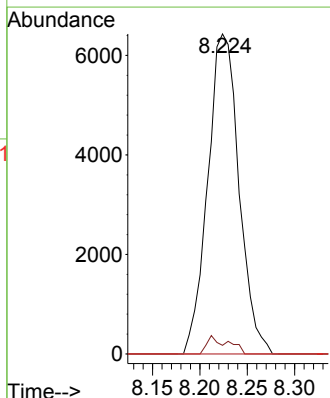
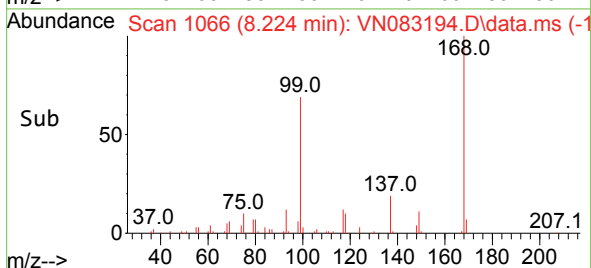
Tgt Ion: 75 Resp: 11345
 Ion Ratio Lower Upper
 75 100
 110 8.6 16.3 48.9#
 77 0.0 24.6 37.0#

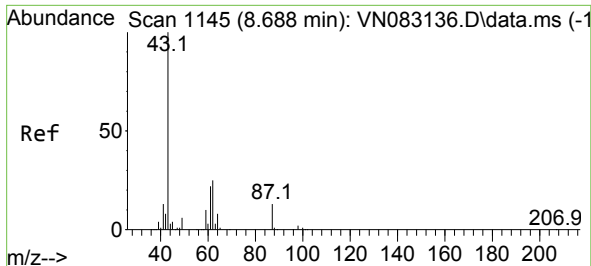


#38
 Carbon Tetrachloride
 Concen: 5.744 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.135 min
 Lab File: VN083194.D
 Acq: 09 Aug 2024 20:03



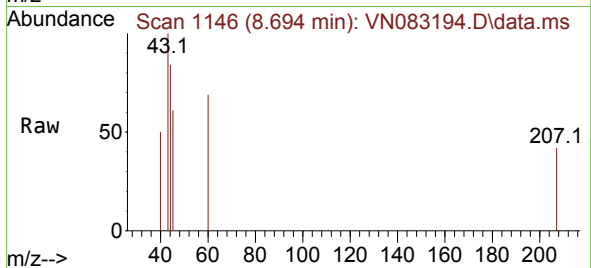
Tgt Ion: 117 Resp: 14755
 Ion Ratio Lower Upper
 117 100
 119 2.7 74.9 112.3#
 121 0.0 24.3 36.5#



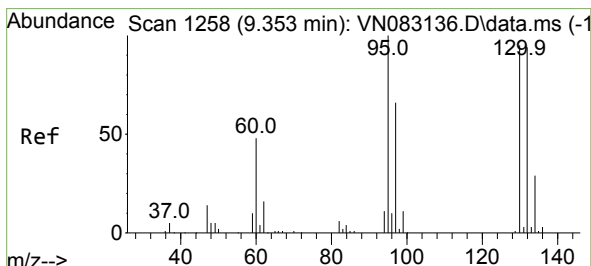
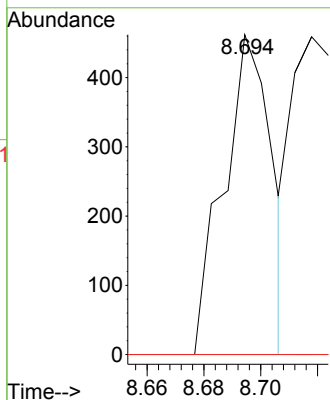
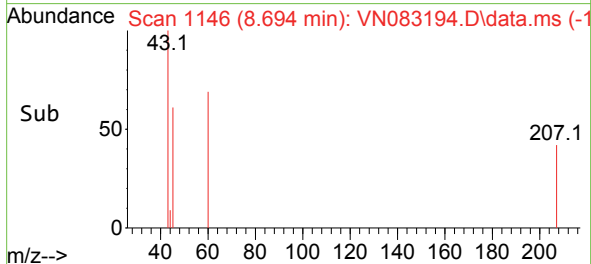


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN083194.D
Acq: 09 Aug 2024 20:03

Instrument :
MSVOA_N
ClientSampleId :

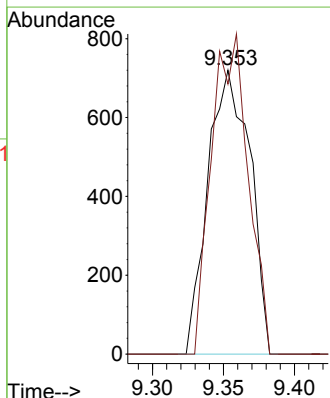
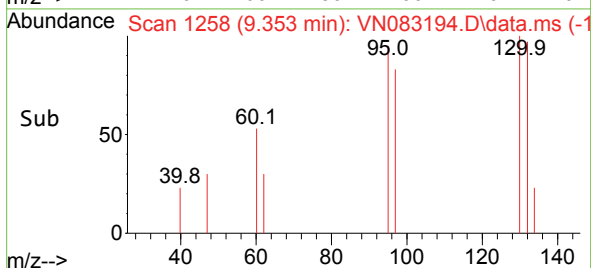
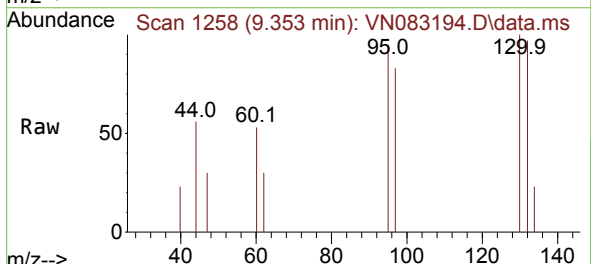


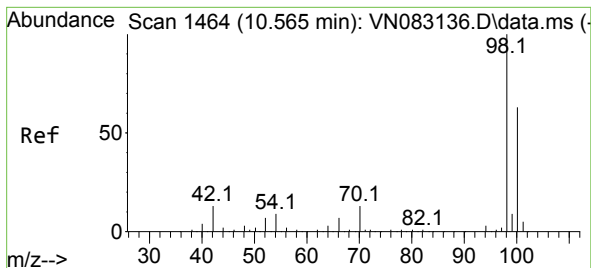
Tgt Ion: 43 Resp: 543
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#44
Trichloroethene
Concen: 0.921 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083194.D
Acq: 09 Aug 2024 20:03

Tgt Ion:130 Resp: 1489
Ion Ratio Lower Upper
130 100
95 95.1 0.0 197.8





#50

Toluene-d8

Concen: 56.317 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083194.D

Acq: 09 Aug 2024 20:03

Instrument :

MSVOA_N

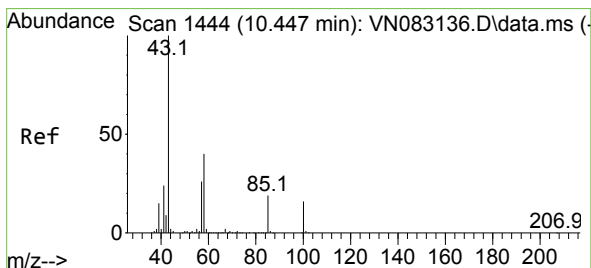
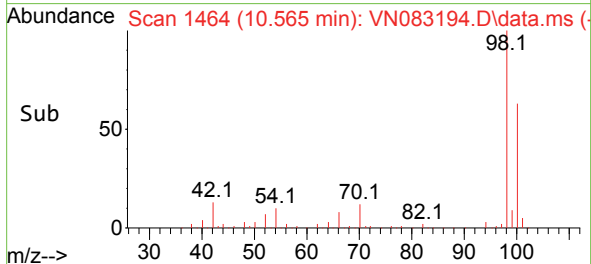
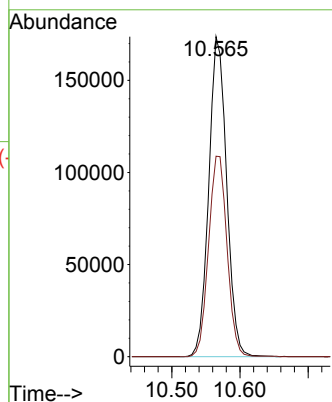
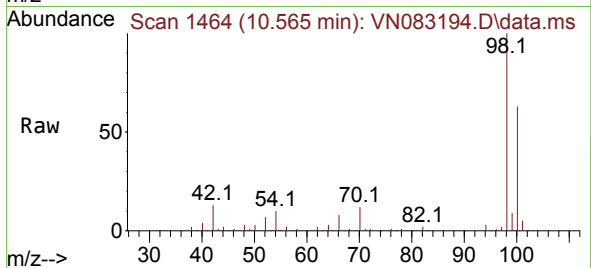
ClientSampleId :

Tgt Ion: 98 Resp: 316707

Ion Ratio Lower Upper

98 100

100 64.7 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.707 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN083194.D

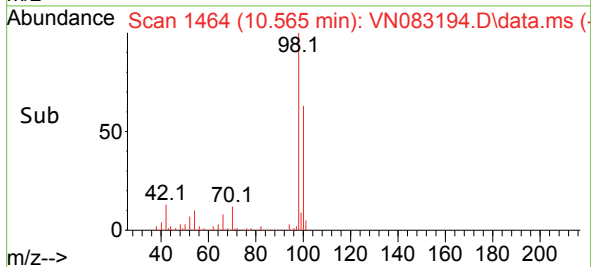
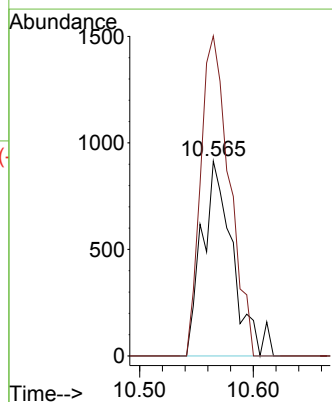
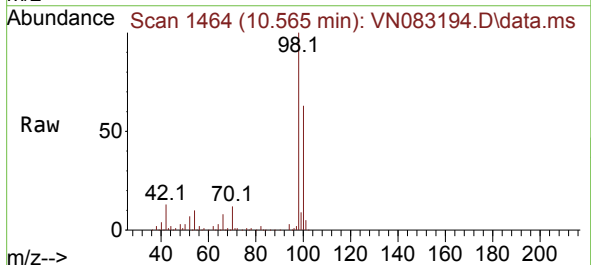
Acq: 09 Aug 2024 20:03

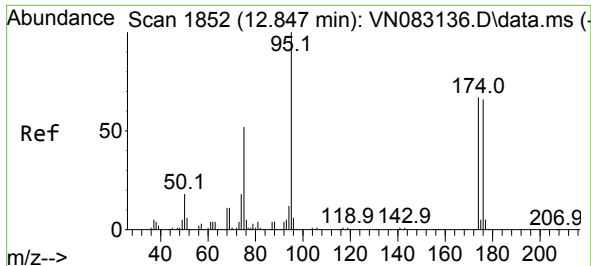
Tgt Ion: 43 Resp: 1708

Ion Ratio Lower Upper

43 100

58 154.9 28.2 42.4#

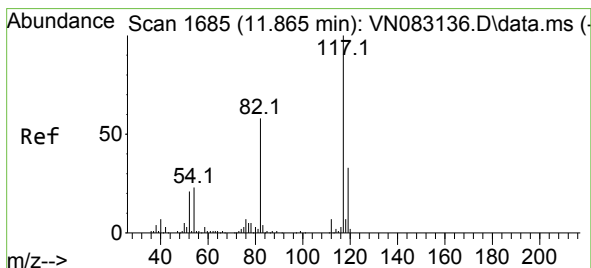
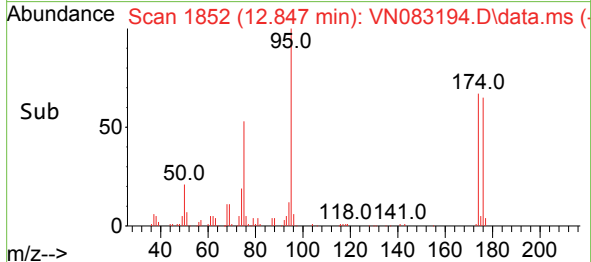
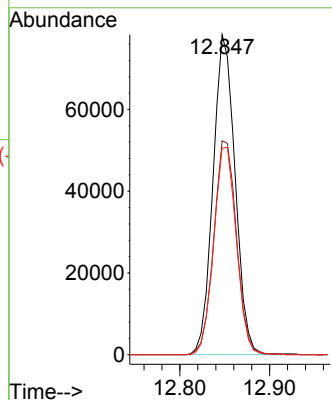
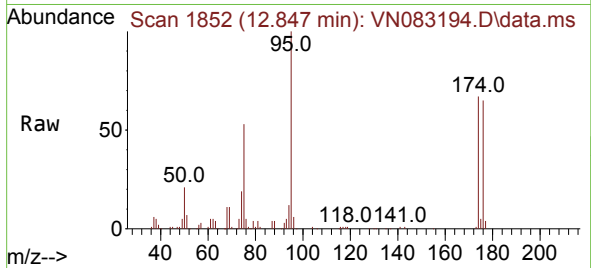




#62
4-Bromofluorobenzene
Concen: 60.998 ug/l
RT: 12.847 min Scan# 118
Delta R.T. 0.000 min
Lab File: VN083194.D
Acq: 09 Aug 2024 20:03

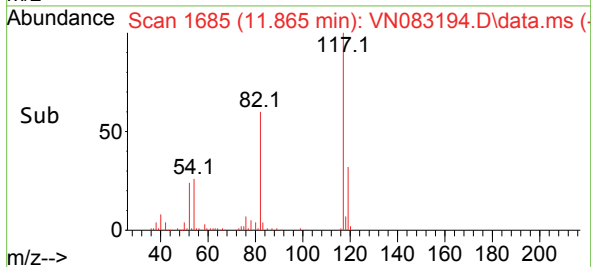
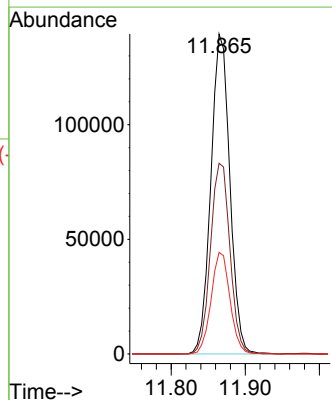
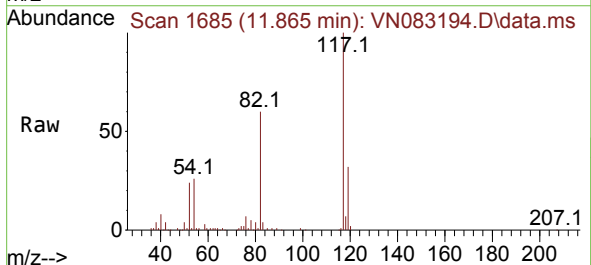
Instrument :
MSVOA_N
ClientSampleId :

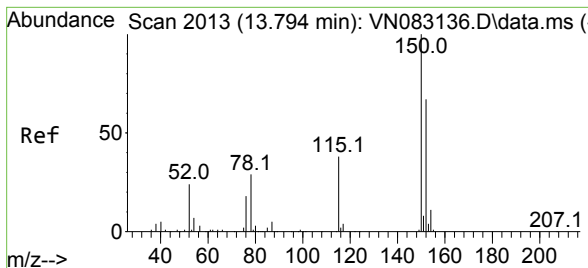
Tgt Ion: 95 Resp: 133733
Ion Ratio Lower Upper
95 100
174 68.9 0.0 159.2
176 66.2 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083194.D
Acq: 09 Aug 2024 20:03

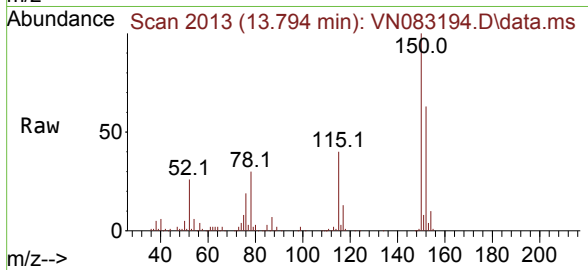
Tgt Ion: 117 Resp: 248524
Ion Ratio Lower Upper
117 100
82 59.6 47.5 71.3
119 31.8 25.6 38.4



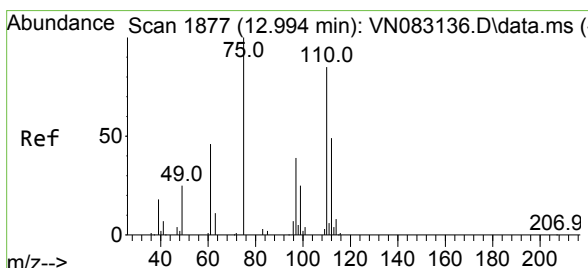
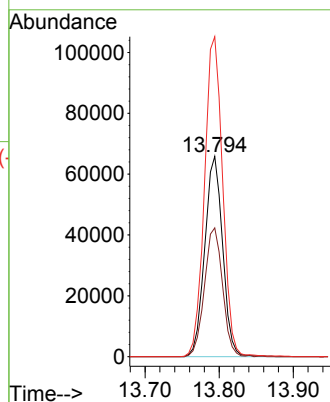
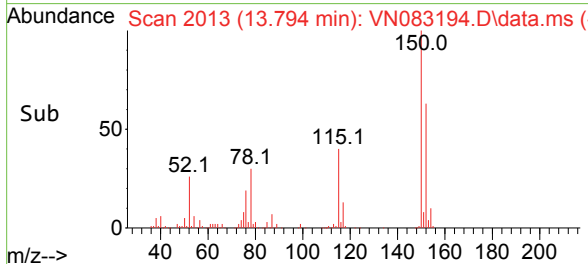


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083194.D
 Acq: 09 Aug 2024 20:03

Instrument :
 MSVOA_N
 ClientSampleId :

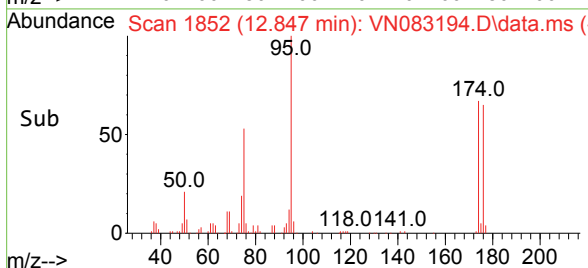
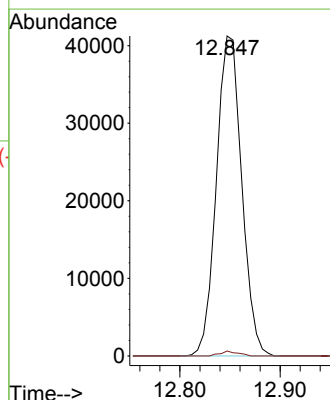
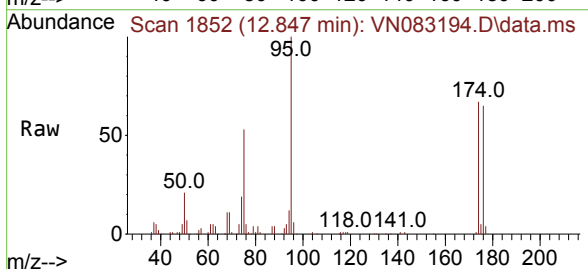


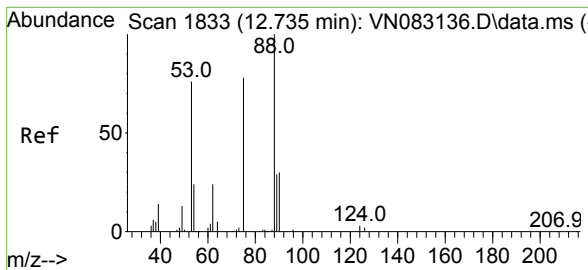
Tgt Ion:152 Resp: 110576
 Ion Ratio Lower Upper
 152 100
 115 65.1 30.6 91.6
 150 162.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 29.798 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083194.D
 Acq: 09 Aug 2024 20:03

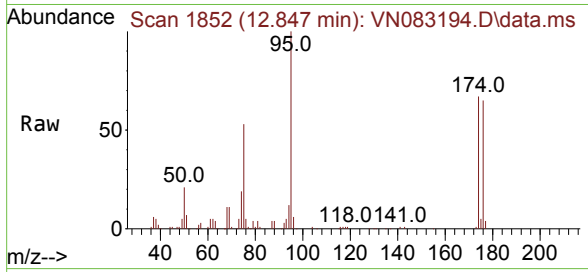
Tgt Ion: 75 Resp: 72315
 Ion Ratio Lower Upper
 75 100
 77 1.1 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.817 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083194.D
 Acq: 09 Aug 2024 20:03

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	72315
Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

