

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083212.D
 Acq On : 10 Aug 2024 16:58
 Operator : JC\MD
 Sample : P3478-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 12 01:54:11 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	137317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	270302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125750	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118624	60.691	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	121.380%
35) Dibromofluoromethane	8.171	113	92682	54.934	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.860%
50) Toluene-d8	10.565	98	351135	55.793	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.580%
62) 4-Bromofluorobenzene	12.847	95	149263	60.835	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	121.660%

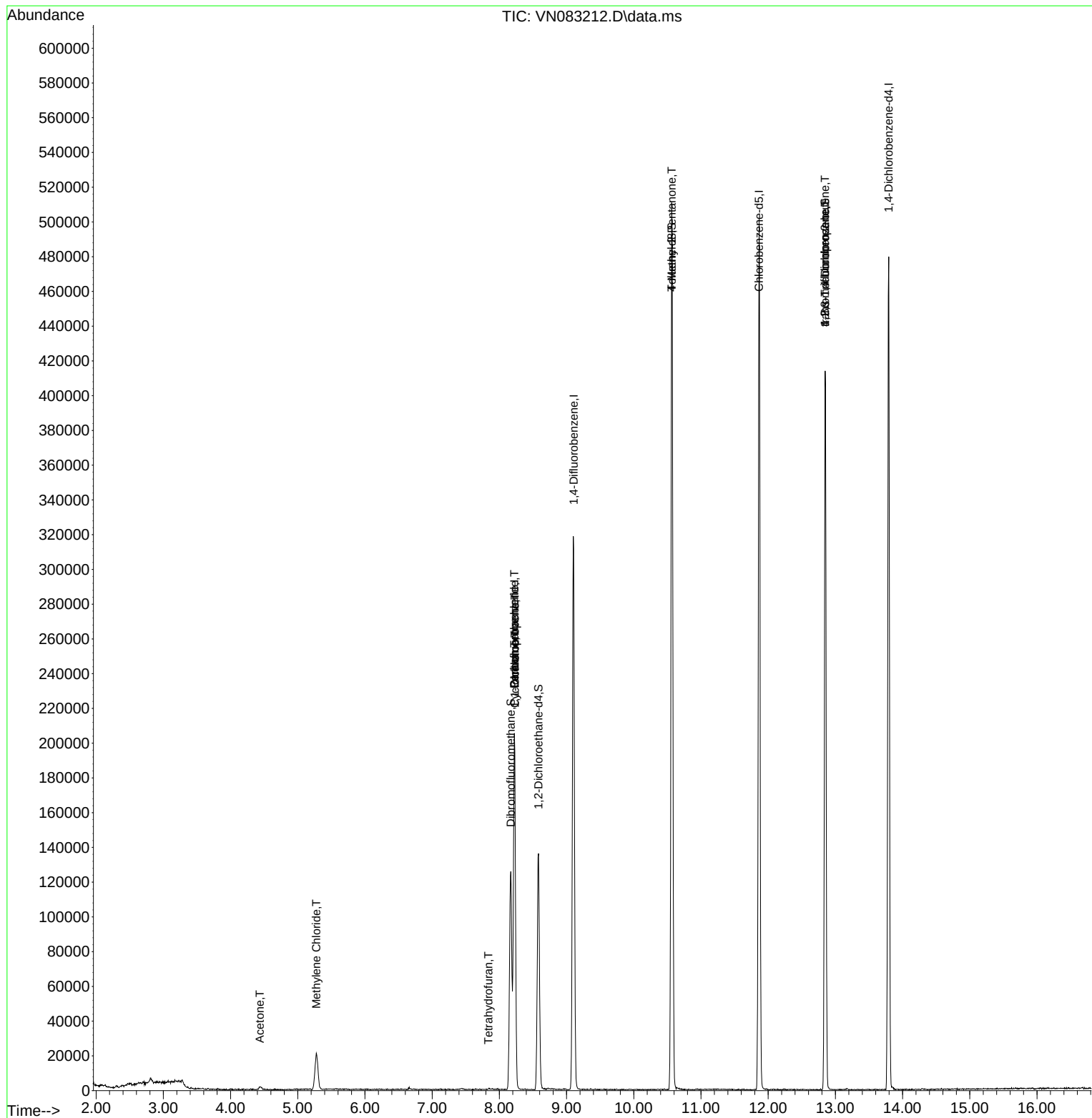
Target Compounds					Qvalue	
16) Acetone	4.436	43	3366	4.401	ug/l #	80
20) Methylene Chloride	5.277	84	15580	8.851	ug/l	87
29) Tetrahydrofuran	7.835	42	363	0.478	ug/l #	54
31) Cyclohexane	8.230	56	3369	1.163	ug/l #	19
36) 1,1-Dichloropropene	8.230	75	12395	4.857	ug/l #	53
38) Carbon Tetrachloride	8.224	117	15769	5.486	ug/l #	17
43) Isopropyl Acetate	8.712	43	274	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1757	0.650	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	81961	29.697	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	81961	64.598	ug/l #	6

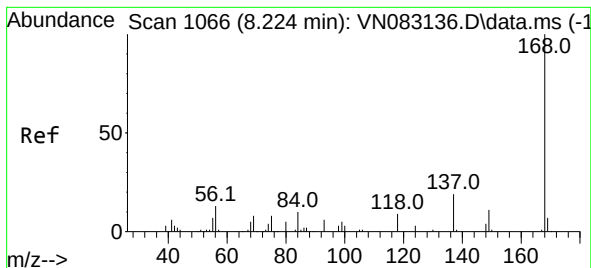
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
Data File : VN083212.D
Acq On : 10 Aug 2024 16:58
Operator : JC\MD
Sample : P3478-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

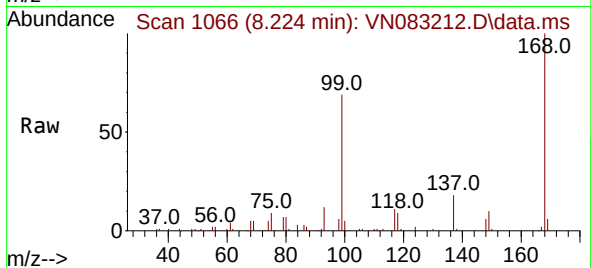
Quant Time: Aug 12 01:54:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



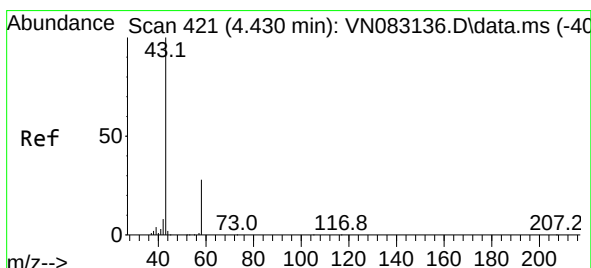
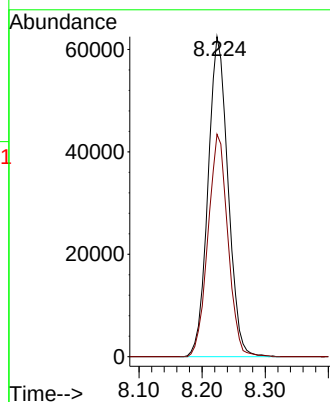
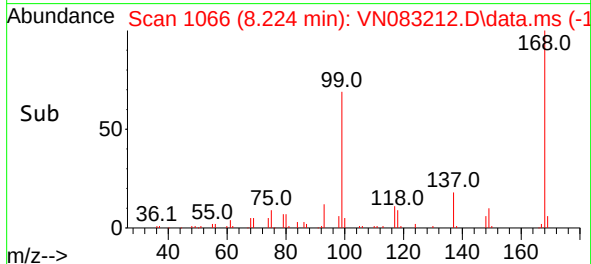


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083212.D
Acq: 10 Aug 2024 16:58

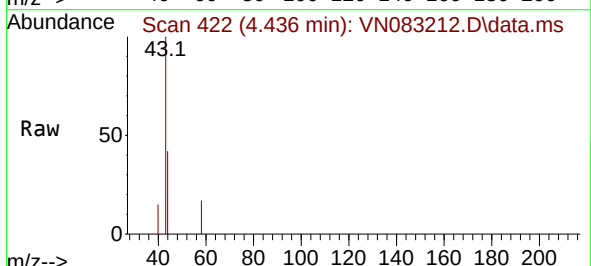
Instrument :
MSVOA_N
ClientSampleId :



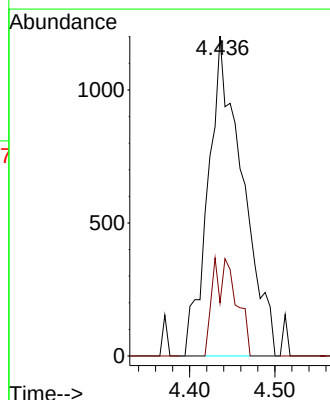
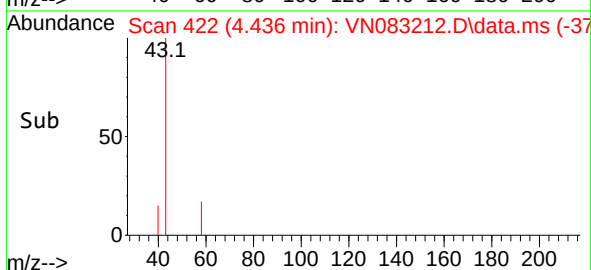
Tgt Ion:168 Resp: 137317
Ion Ratio Lower Upper
168 100
99 69.5 48.2 72.4

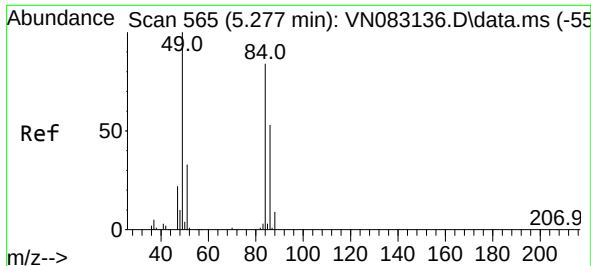


#16
Acetone
Concen: 4.401 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083212.D
Acq: 10 Aug 2024 16:58



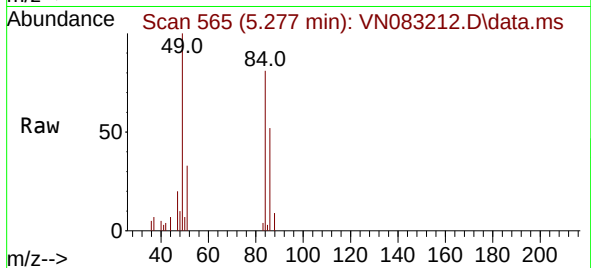
Tgt Ion: 43 Resp: 3366
Ion Ratio Lower Upper
43 100
58 16.6 21.8 32.6#



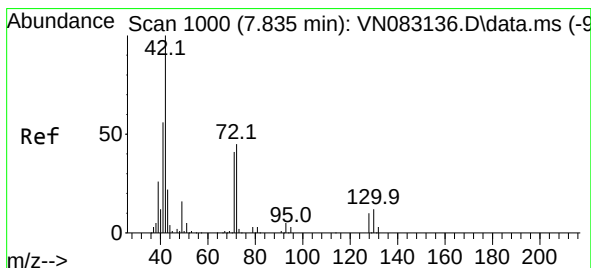
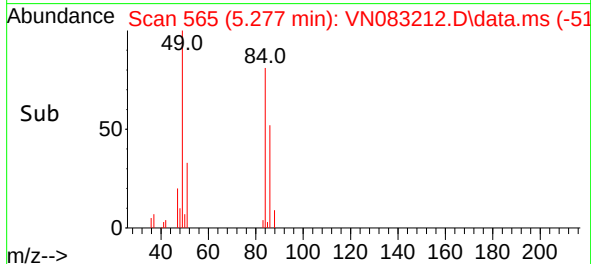
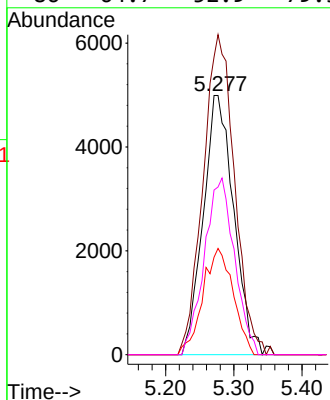


#20
Methylene Chloride
Concen: 8.851 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083212.D
Acq: 10 Aug 2024 16:58

Instrument :
MSVOA_N
ClientSampleId :

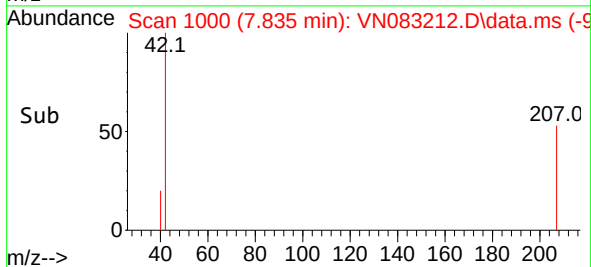
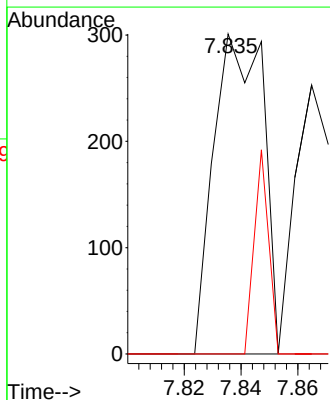
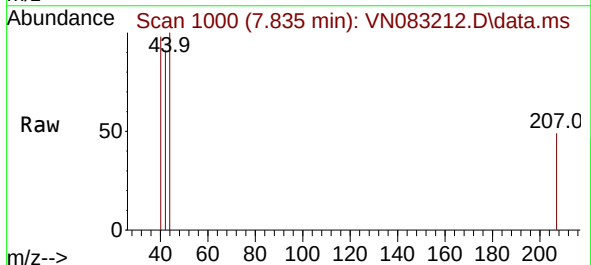


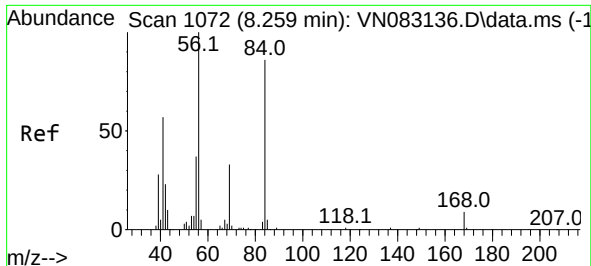
Tgt Ion:	84	Resp:	15580
Ion	Ratio	Lower	Upper
84	100		
49	123.5	119.6	179.4
51	41.0	34.8	52.2
86	64.7	52.9	79.3



#29
Tetrahydrofuran
Concen: 0.478 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN083212.D
Acq: 10 Aug 2024 16:58

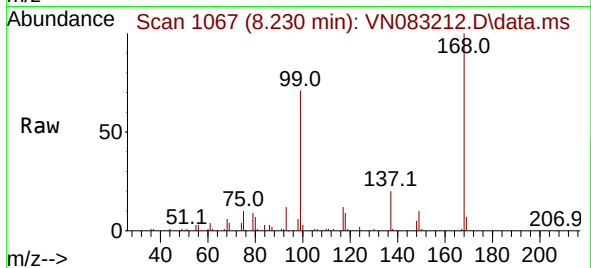
Tgt Ion:	42	Resp:	363
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.0	45.0#
71	18.7	28.3	42.5#



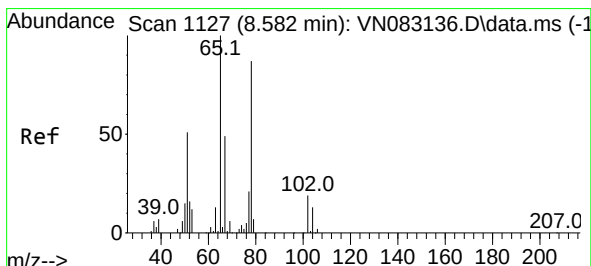
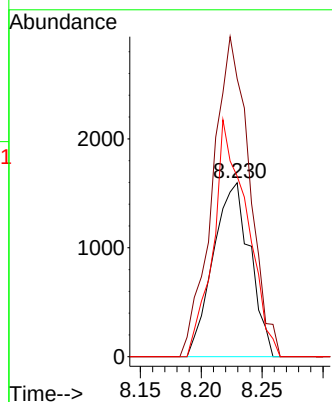
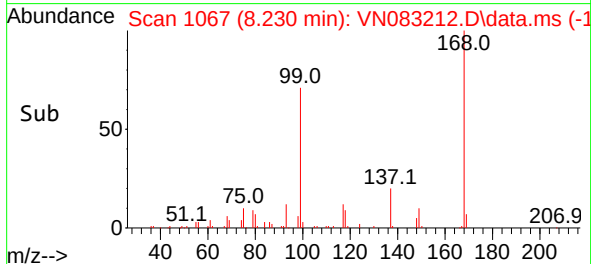


#31
Cyclohexane
Concen: 1.163 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083212.D
Acq: 10 Aug 2024 16:58

Instrument :
MSVOA_N
ClientSampleId :

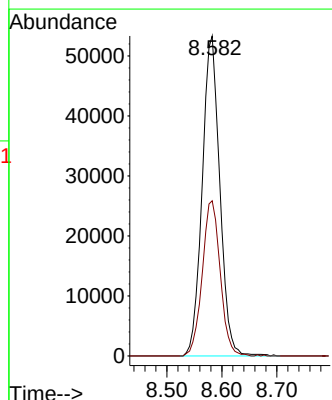
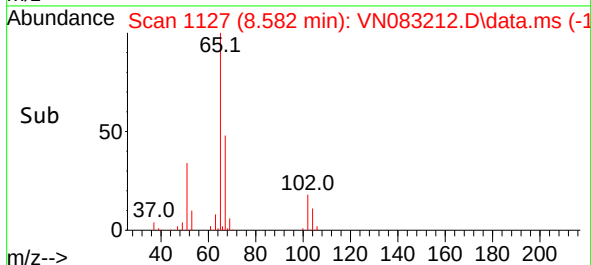
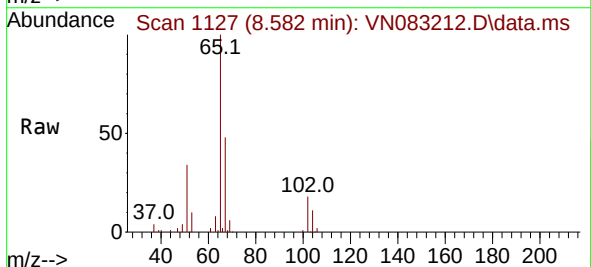


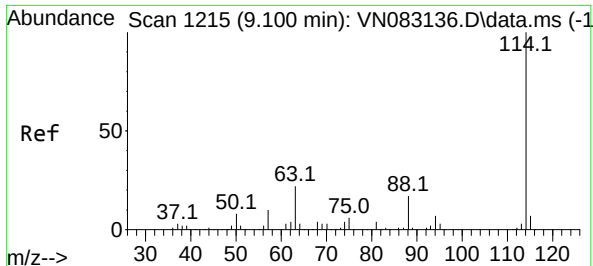
Tgt Ion: 56 Resp: 3369
Ion Ratio Lower Upper
56 100
69 159.8 24.5 36.7#
84 103.8 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 60.691 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN083212.D
Acq: 10 Aug 2024 16:58

Tgt Ion: 65 Resp: 118624
Ion Ratio Lower Upper
65 100
67 49.4 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083212.D

Acq: 10 Aug 2024 16:58

Instrument :

MSVOA_N

ClientSampleId :

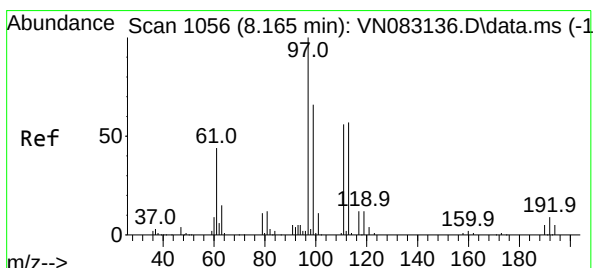
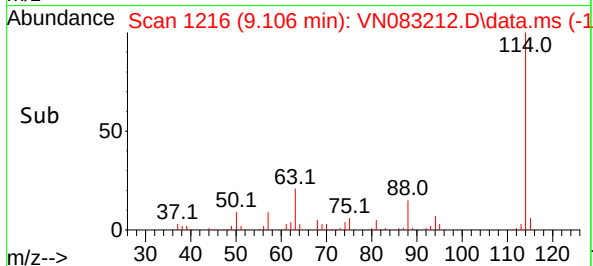
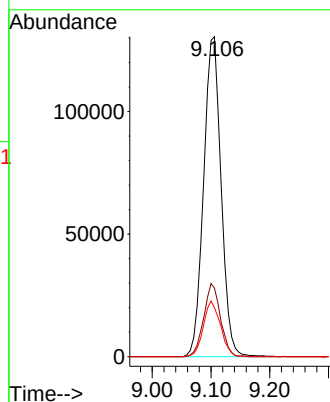
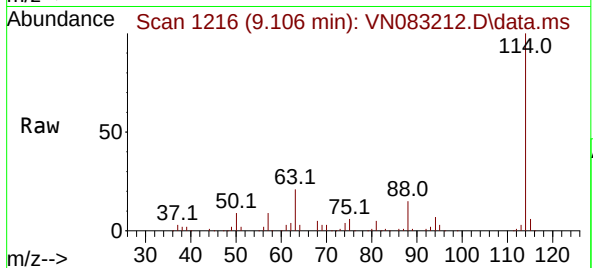
Tgt Ion:114 Resp: 270302

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.6

88 15.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.934 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083212.D

Acq: 10 Aug 2024 16:58

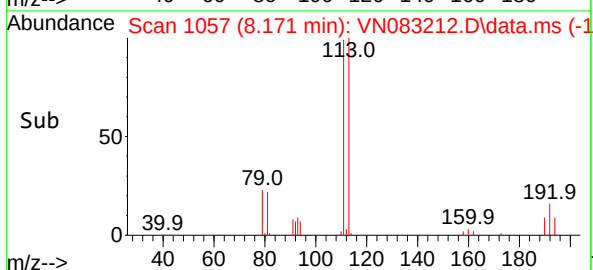
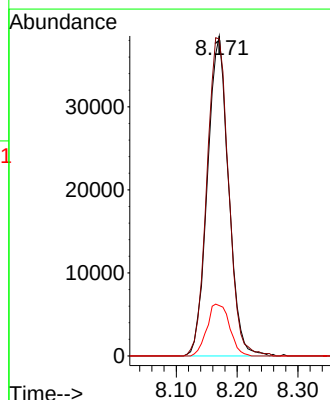
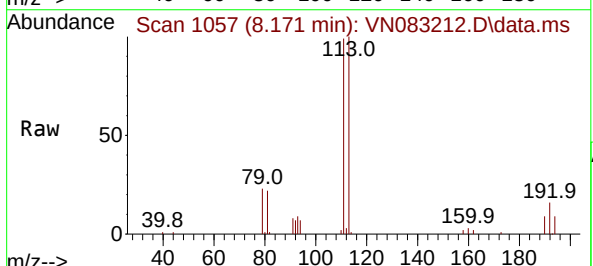
Tgt Ion:113 Resp: 92682

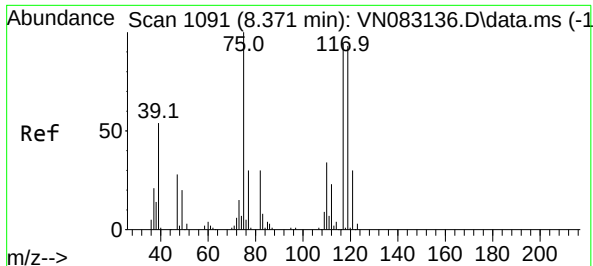
Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

192 17.4 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.857 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN083212.D

Acq: 10 Aug 2024 16:58

Instrument :

MSVOA_N

ClientSampleId :

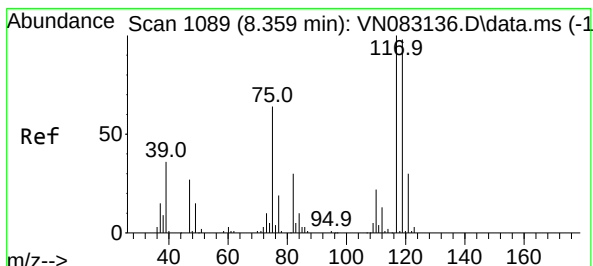
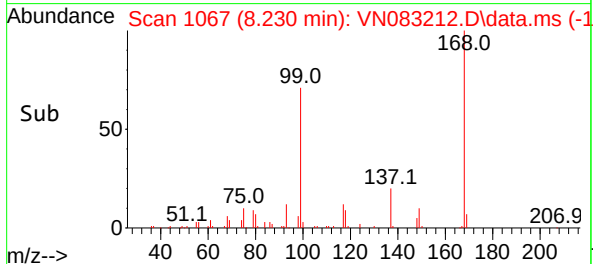
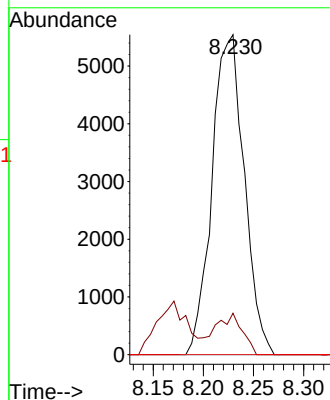
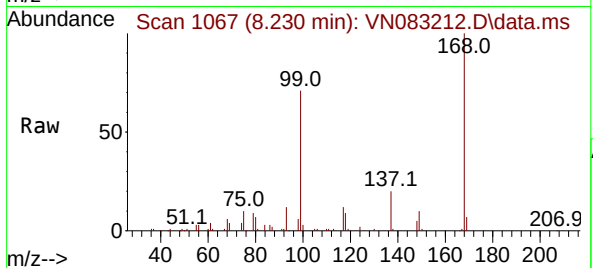
Tgt Ion: 75 Resp: 12395

Ion Ratio Lower Upper

75 100

110 10.6 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.486 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083212.D

Acq: 10 Aug 2024 16:58

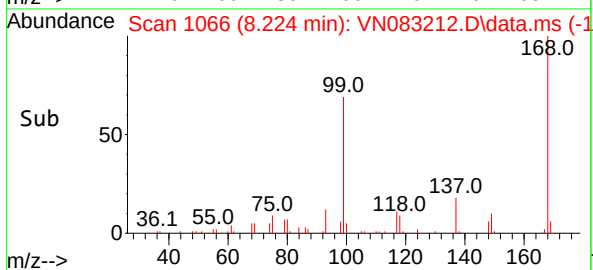
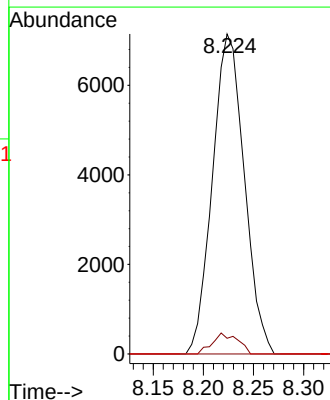
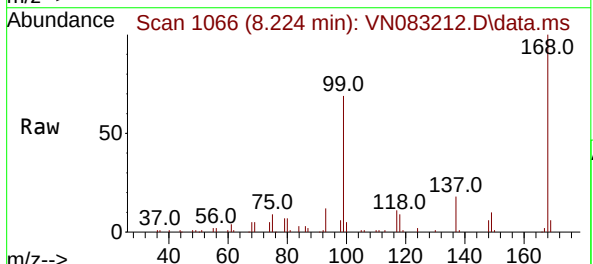
Tgt Ion: 117 Resp: 15769

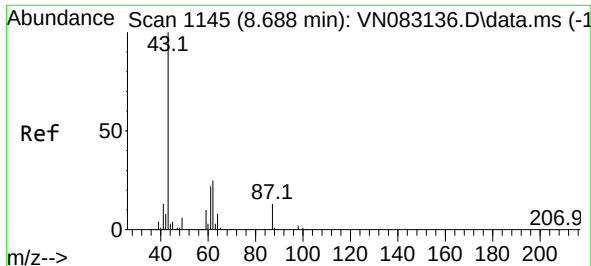
Ion Ratio Lower Upper

117 100

119 4.9 74.9 112.3#

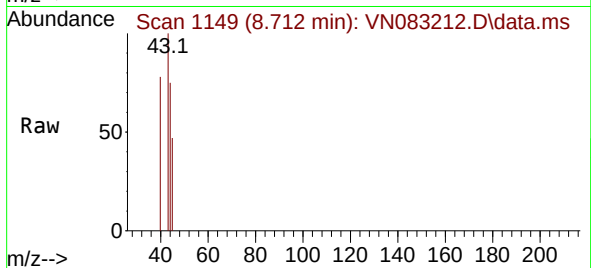
121 0.0 24.3 36.5#



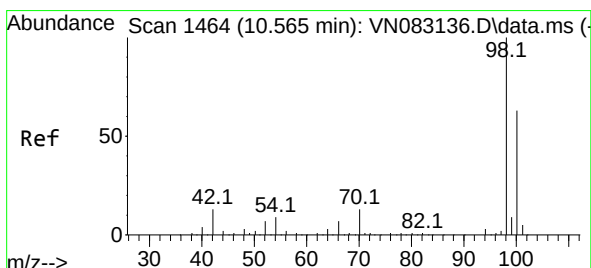
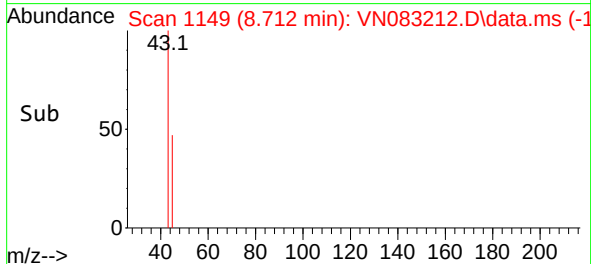
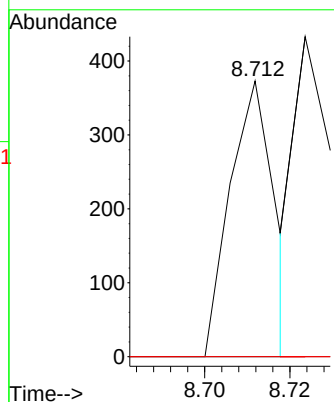


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.712 min Scan# 1149
Delta R.T. 0.024 min
Lab File: VN083212.D
Acq: 10 Aug 2024 16:58

Instrument :
MSVOA_N
ClientSampleId :

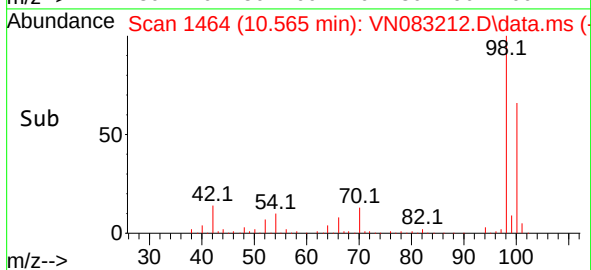
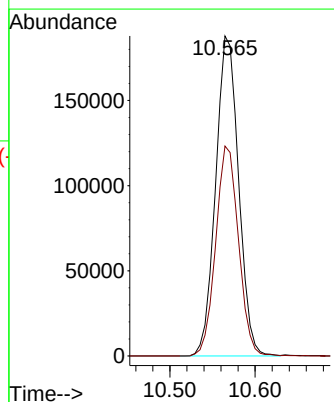
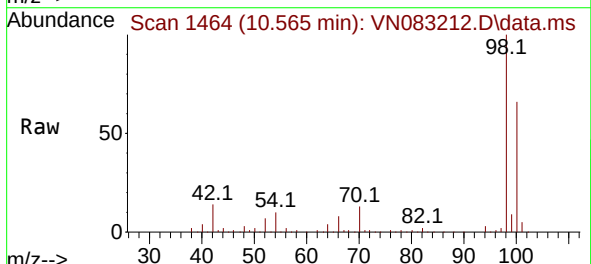


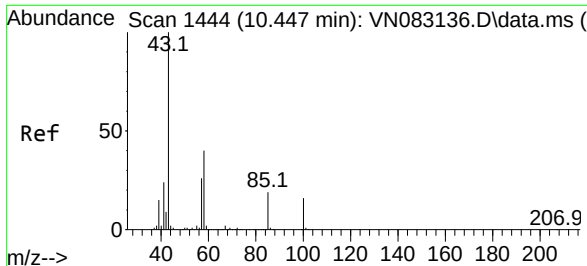
Tgt Ion: 43 Resp: 274
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 55.793 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083212.D
Acq: 10 Aug 2024 16:58

Tgt Ion: 98 Resp: 351135
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3

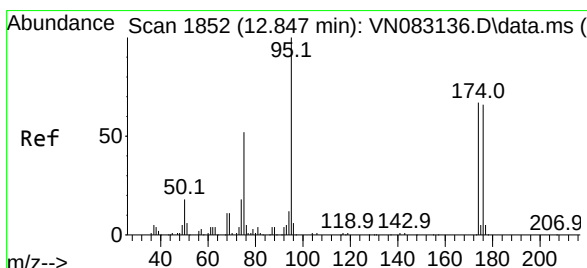
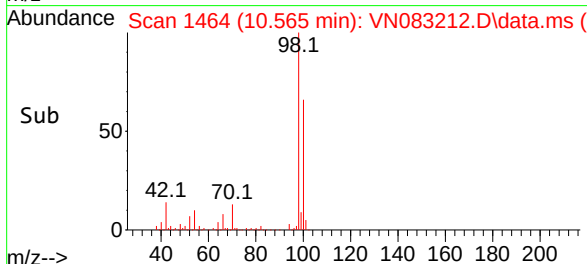
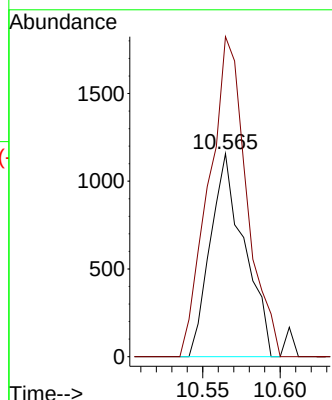
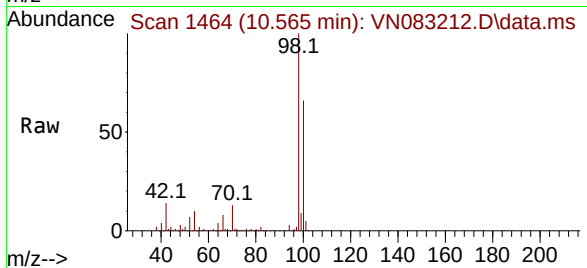




#51
4-Methyl-2-Pentanone
Concen: 0.650 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083212.D
Acq: 10 Aug 2024 16:58

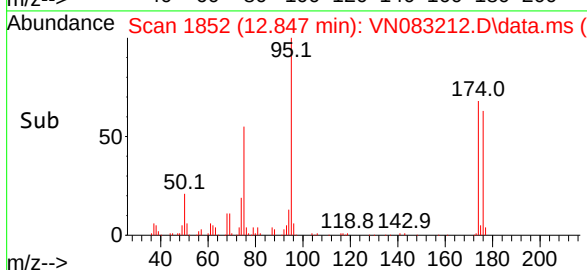
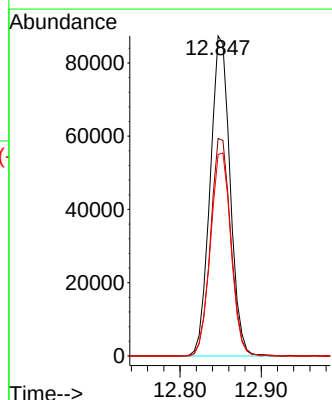
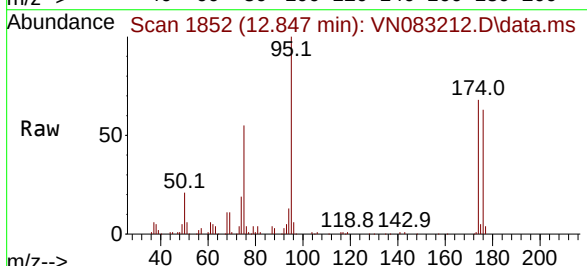
Instrument :
MSVOA_N
ClientSampleId :

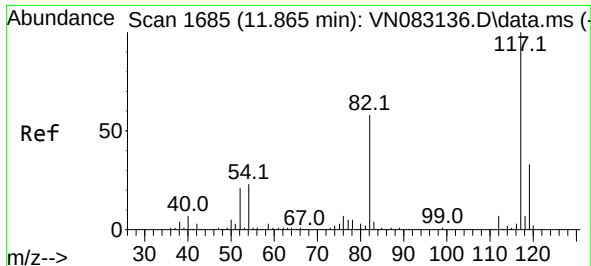
Tgt Ion: 43 Resp: 1757
Ion Ratio Lower Upper
43 100
58 176.0 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 60.835 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083212.D
Acq: 10 Aug 2024 16:58

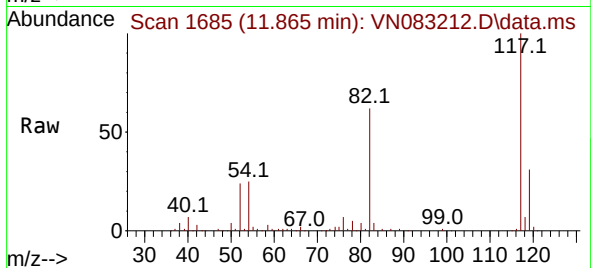
Tgt Ion: 95 Resp: 149263
Ion Ratio Lower Upper
95 100
174 69.0 0.0 159.2
176 65.4 0.0 147.6



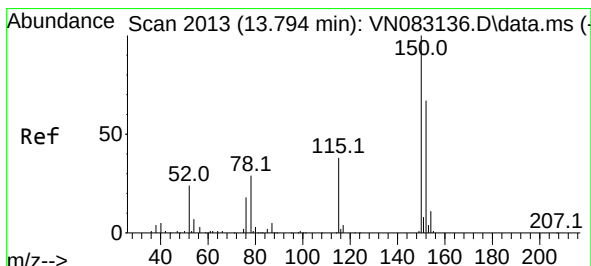
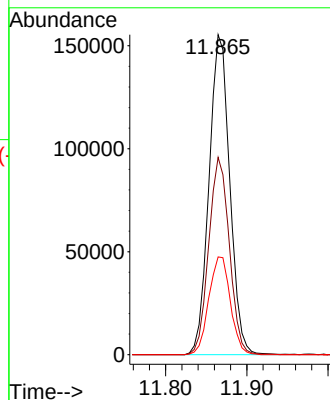
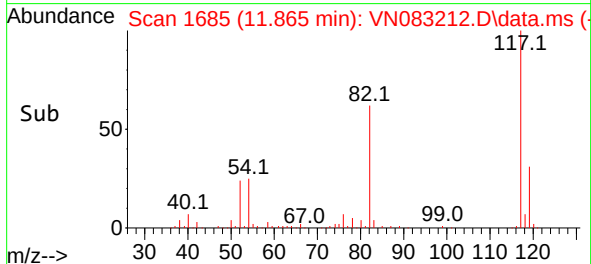


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083212.D
Acq: 10 Aug 2024 16:58

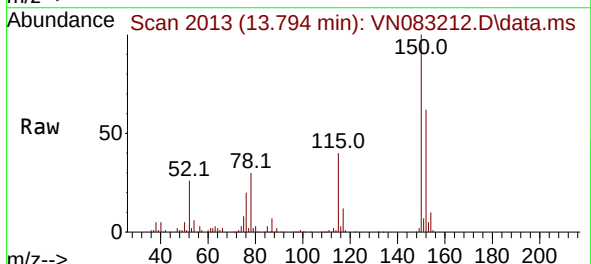
Instrument :
MSVOA_N
ClientSampleId :



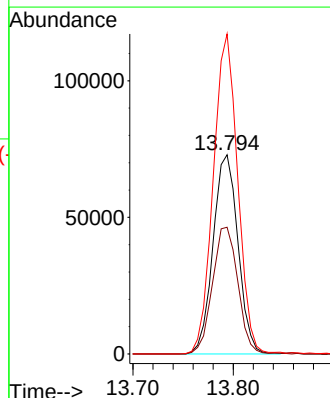
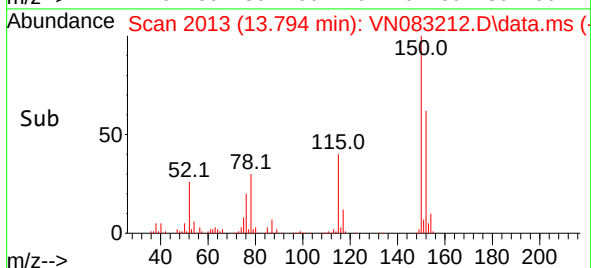
Tgt Ion:117 Resp: 275193
Ion Ratio Lower Upper
117 100
82 61.6 47.5 71.3
119 30.5 25.6 38.4

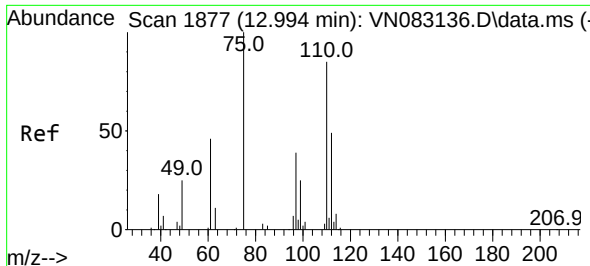


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083212.D
Acq: 10 Aug 2024 16:58



Tgt Ion:152 Resp: 125750
Ion Ratio Lower Upper
152 100
115 64.8 30.6 91.6
150 157.6 0.0 348.6

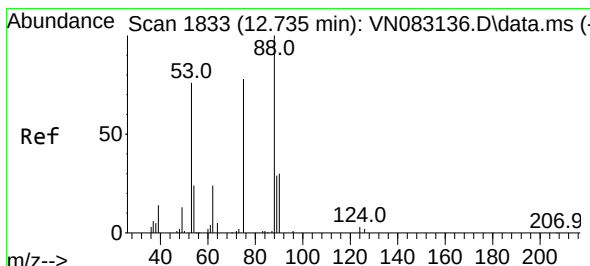
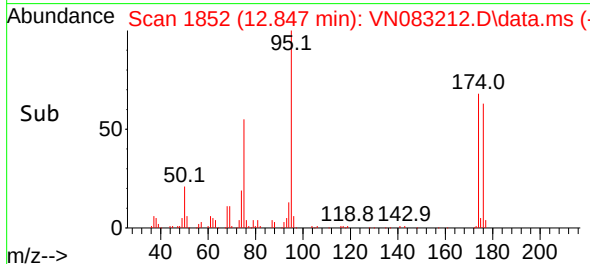
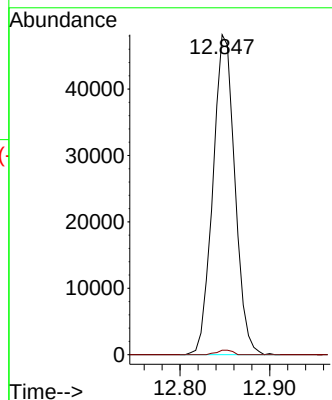
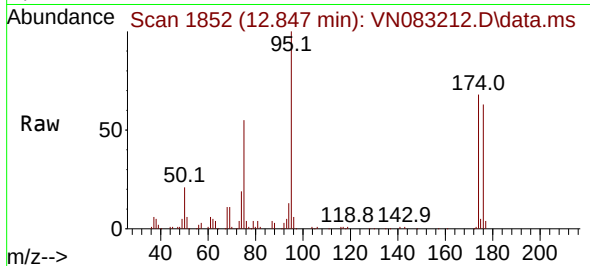




#76
1,2,3-Trichloropropane
Concen: 29.697 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083212.D
Acq: 10 Aug 2024 16:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 81961
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.598 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083212.D
Acq: 10 Aug 2024 16:58

Tgt Ion: 75 Resp: 81961
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

