

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083205.D
 Acq On : 10 Aug 2024 14:08
 Operator : JC\MD
 Sample : P3476-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 12 01:51:03 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)

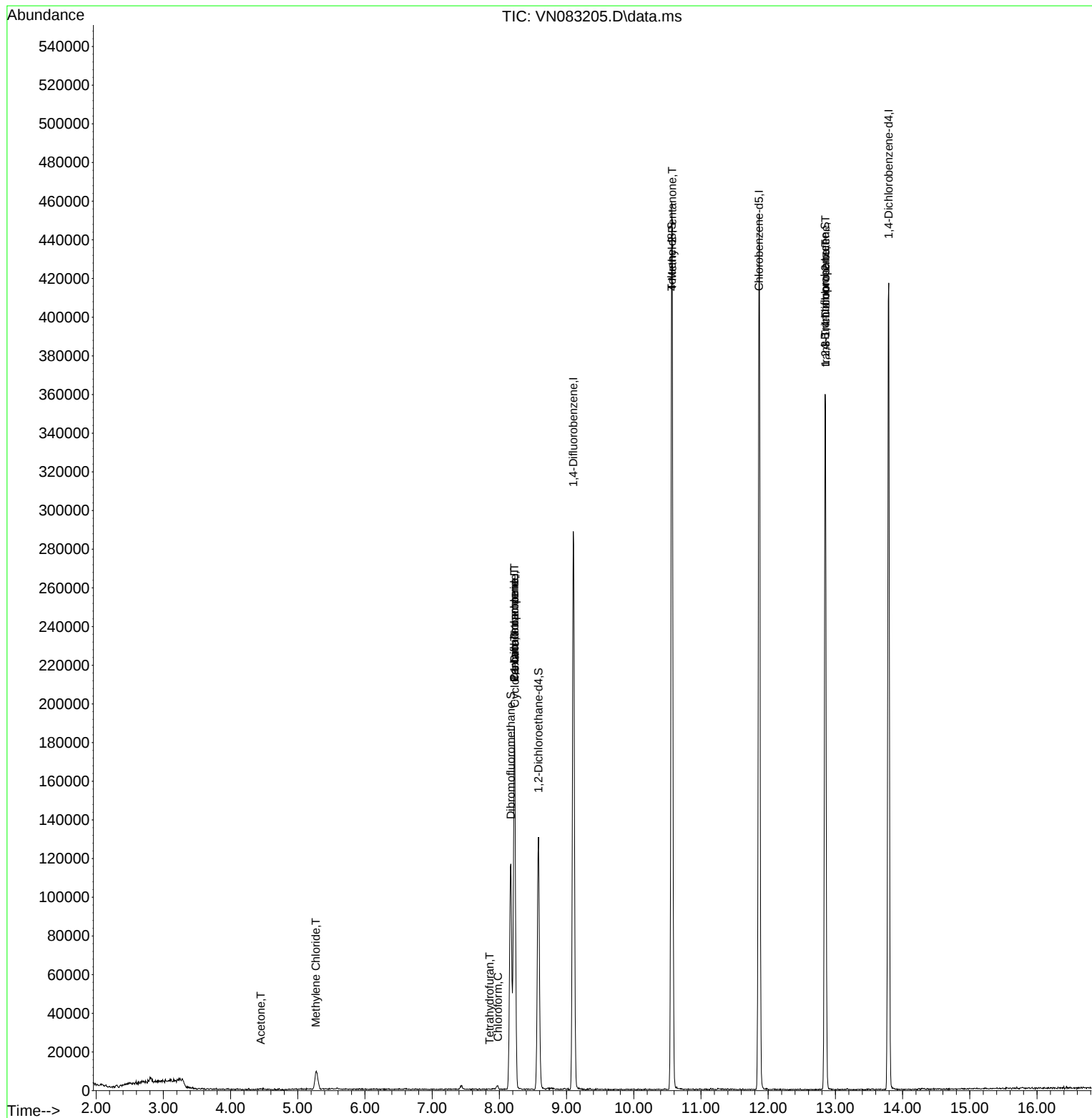
Internal Standards						
1) Pentafluorobenzene	8.224	168	126856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	243733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	108271	59.962	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.920%	
35) Dibromofluoromethane	8.171	113	83365	54.797	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.600%	
50) Toluene-d8	10.565	98	317362	55.924	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.840%	
62) 4-Bromofluorobenzene	12.847	95	130780	59.112	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 118.220%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	728	1.030	ug/l #	48
20) Methylene Chloride	5.271	84	7323	4.503	ug/l #	80
29) Tetrahydrofuran	7.853	42	240	0.342	ug/l #	38
30) Chloroform	7.977	83	2226	0.787	ug/l #	78
31) Cyclohexane	8.230	56	3457	1.292	ug/l #	31
36) 1,1-Dichloropropene	8.224	75	11540	5.014	ug/l #	52
38) Carbon Tetrachloride	8.224	117	14186	5.473	ug/l #	16
43) Isopropyl Acetate	8.718	43	722	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1671	0.686	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	71158	29.631	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	71158	64.454	ug/l #	6

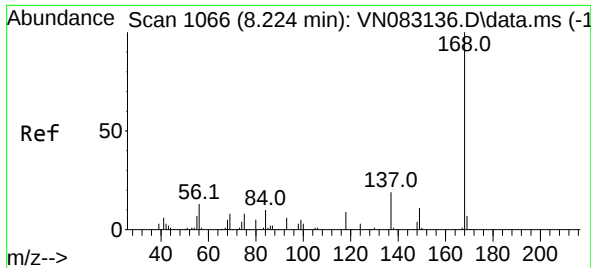
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
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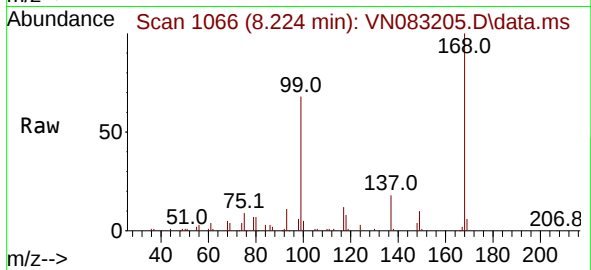
Quant Time: Aug 12 01:51:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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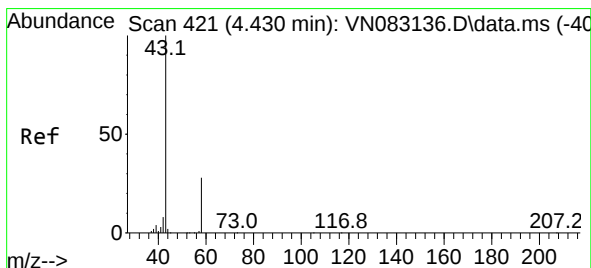
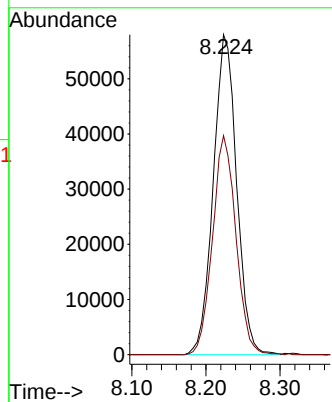
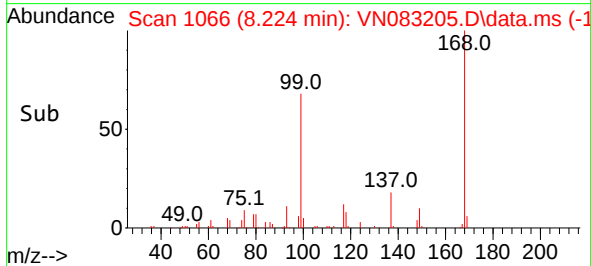


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083205.D
Acq: 10 Aug 2024 14:08

Instrument :
MSVOA_N
ClientSampleId :

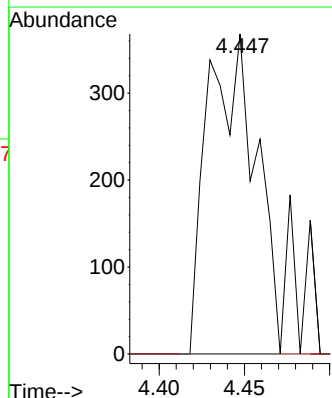
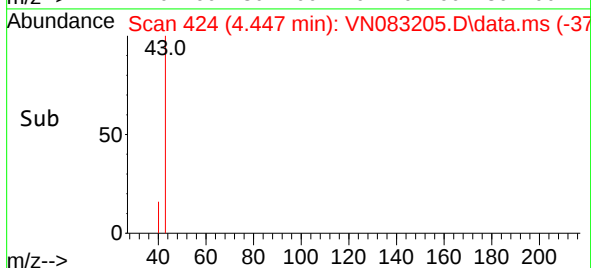
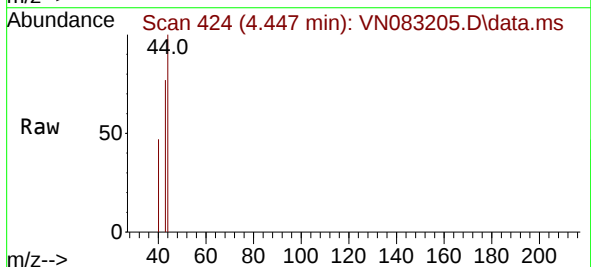


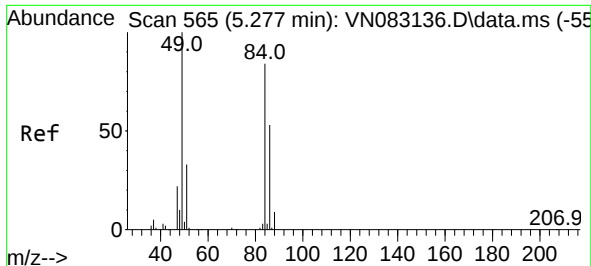
Tgt Ion:168 Resp: 126856
Ion Ratio Lower Upper
168 100
99 68.5 48.2 72.4



#16
Acetone
Concen: 1.030 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN083205.D
Acq: 10 Aug 2024 14:08

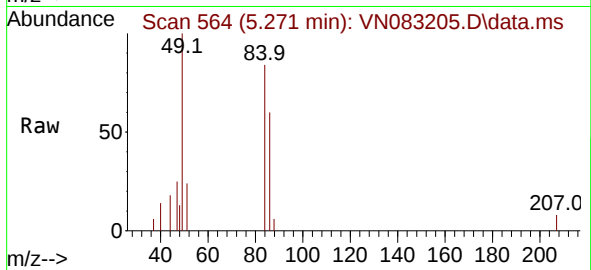
Tgt Ion: 43 Resp: 728
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



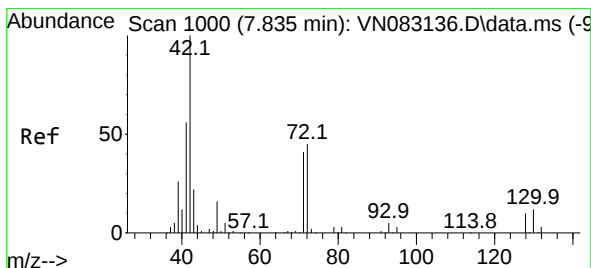
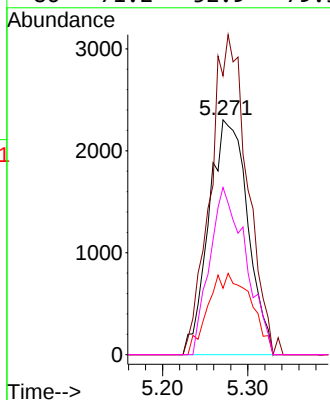
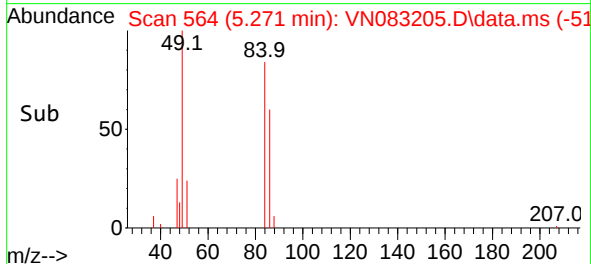


#20
Methylene Chloride
Concen: 4.503 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083205.D
Acq: 10 Aug 2024 14:08

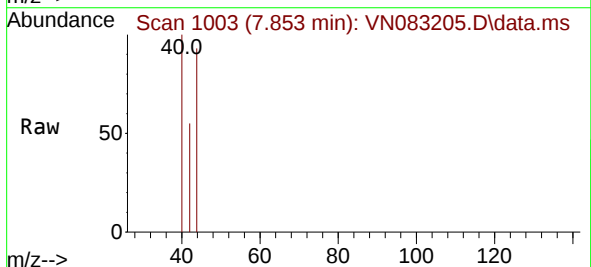
Instrument :
MSVOA_N
ClientSampleId :



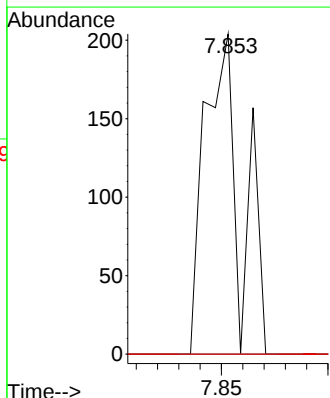
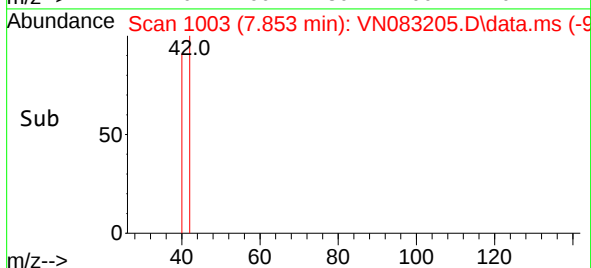
Tgt Ion:	84	Resp:	7323
Ion	Ratio	Lower	Upper
84	100		
49	118.8	119.6	179.4#
51	28.3	34.8	52.2#
86	71.2	52.9	79.3

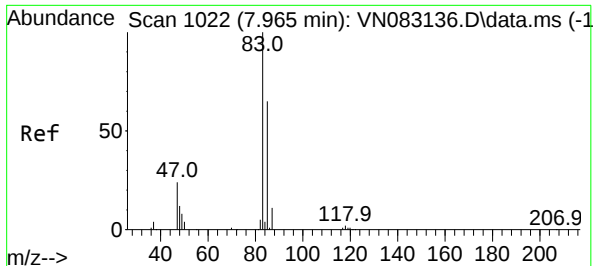


#29
Tetrahydrofuran
Concen: 0.342 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VN083205.D
Acq: 10 Aug 2024 14:08



Tgt Ion:	42	Resp:	240
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.0	45.0#
71	0.0	28.3	42.5#





#30

Chloroform

Concen: 0.787 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.012 min

Lab File: VN083205.D

Acq: 10 Aug 2024 14:08

Instrument :

MSVOA_N

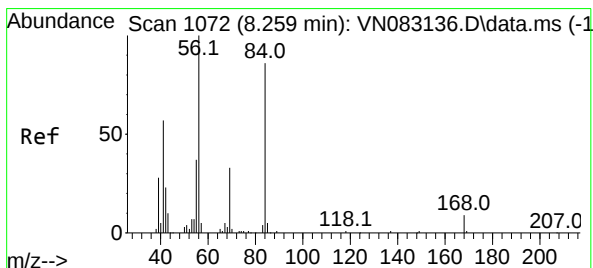
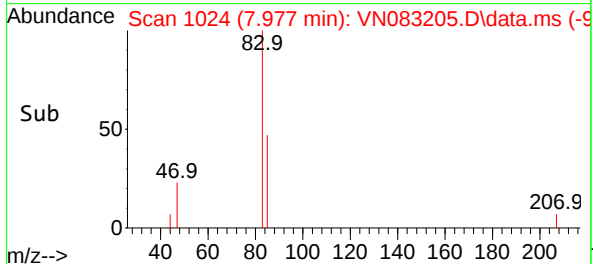
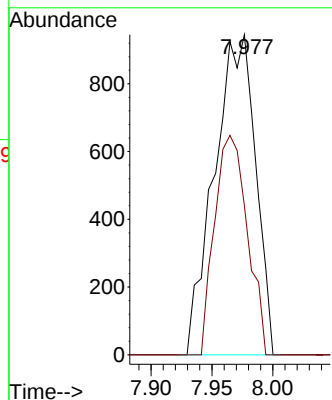
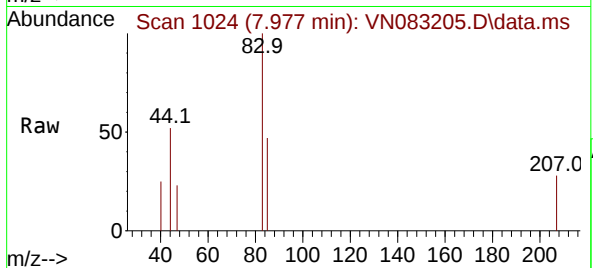
ClientSampleId :

Tgt Ion: 83 Resp: 2226

Ion Ratio Lower Upper

83 100

85 46.7 50.9 76.3#



#31

Cyclohexane

Concen: 1.292 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN083205.D

Acq: 10 Aug 2024 14:08

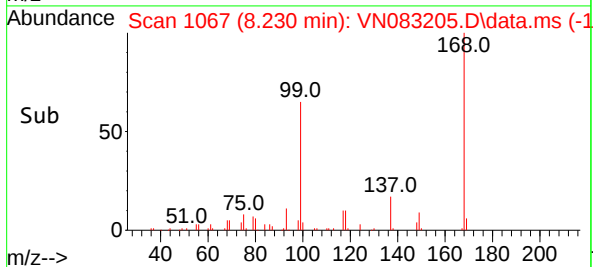
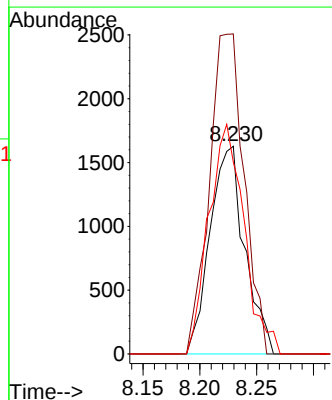
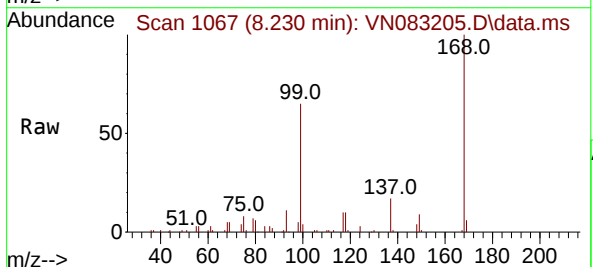
Tgt Ion: 56 Resp: 3457

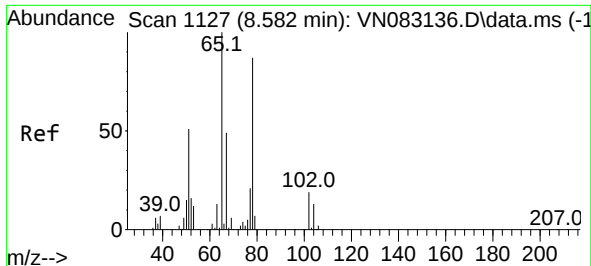
Ion Ratio Lower Upper

56 100

69 154.1 24.5 36.7#

84 92.4 66.0 99.0





#33

1,2-Dichloroethane-d4

Concen: 59.962 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN083205.D

Acq: 10 Aug 2024 14:08

Instrument :

MSVOA_N

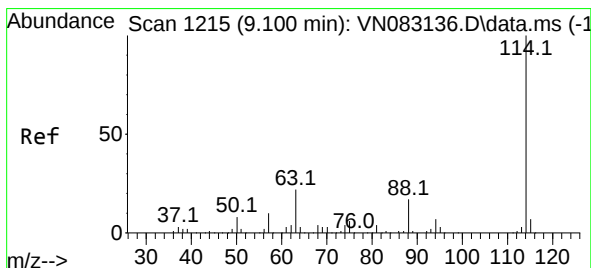
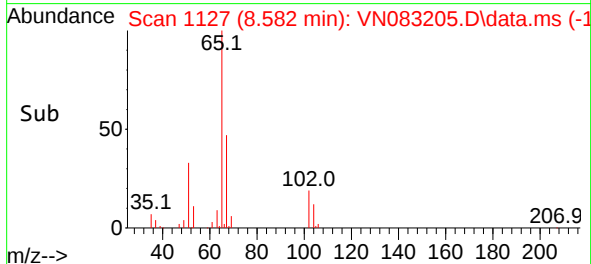
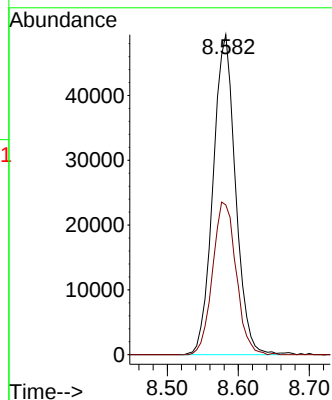
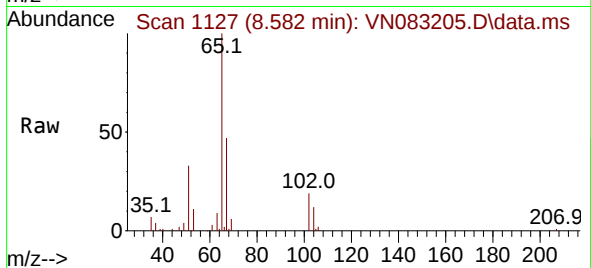
ClientSampleId :

Tgt Ion: 65 Resp: 108271

Ion Ratio Lower Upper

65 100

67 50.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083205.D

Acq: 10 Aug 2024 14:08

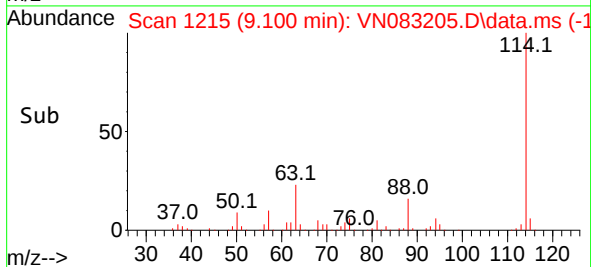
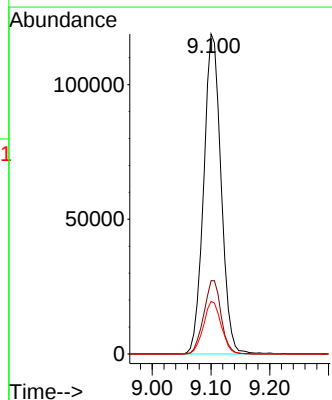
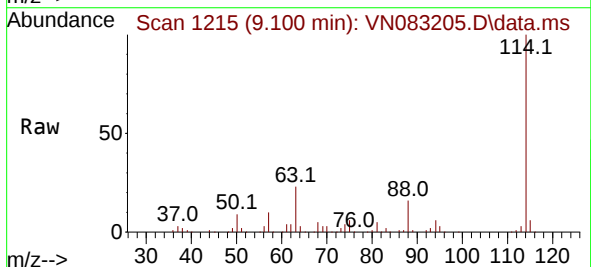
Tgt Ion: 114 Resp: 243733

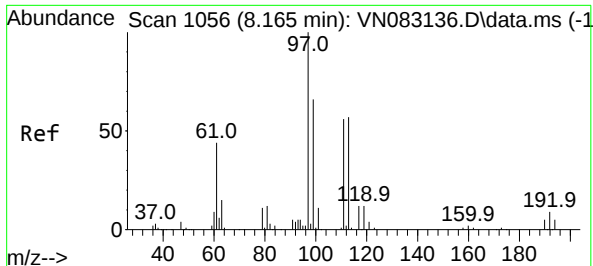
Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.6

88 16.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.797 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

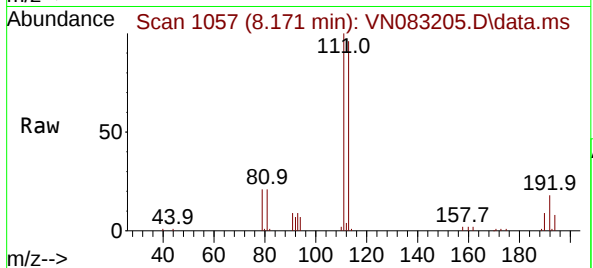
Lab File: VN083205.D

Acq: 10 Aug 2024 14:08

Instrument :

MSVOA_N

ClientSampleId :



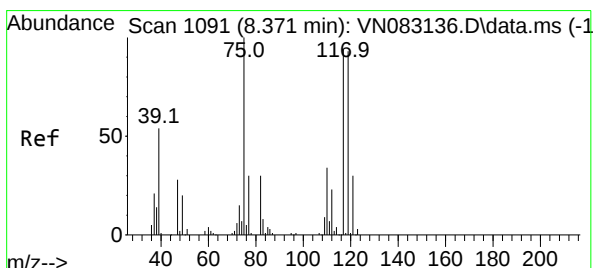
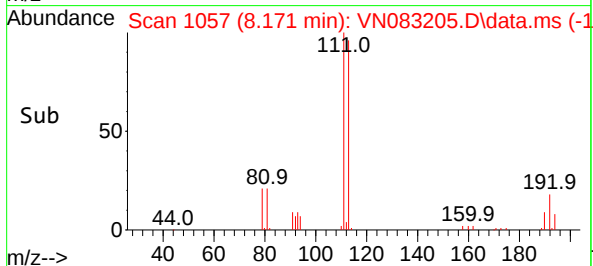
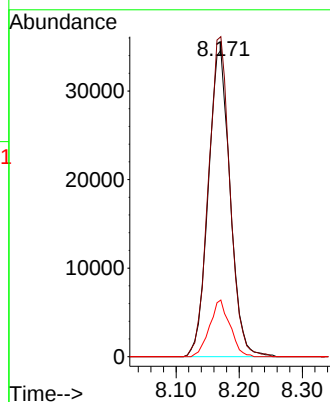
Tgt Ion:113 Resp: 83365

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

192 17.1 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.014 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083205.D

Acq: 10 Aug 2024 14:08

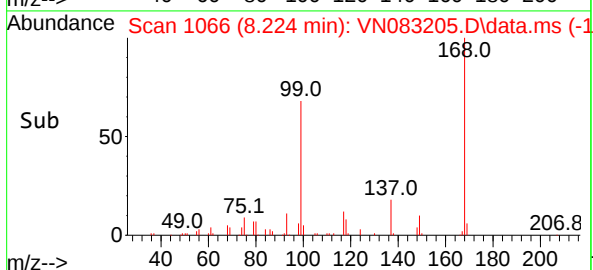
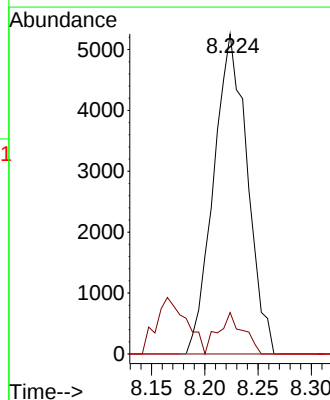
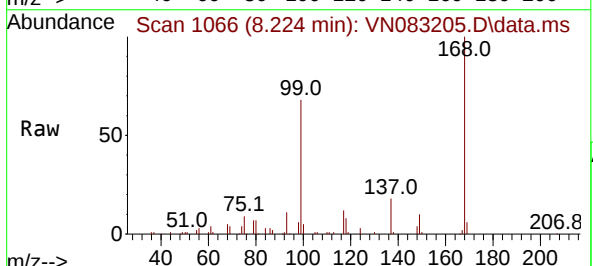
Tgt Ion: 75 Resp: 11540

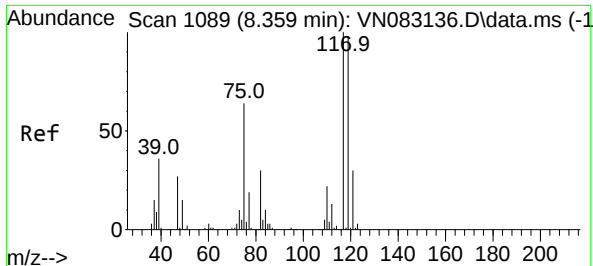
Ion Ratio Lower Upper

75 100

110 9.6 16.3 48.9#

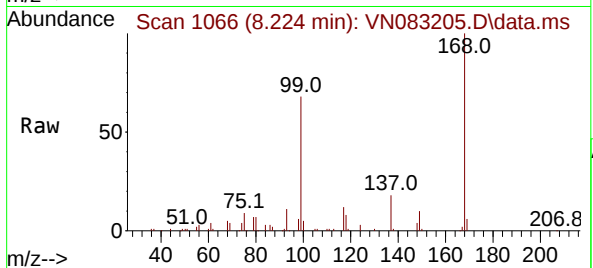
77 0.0 24.6 37.0#



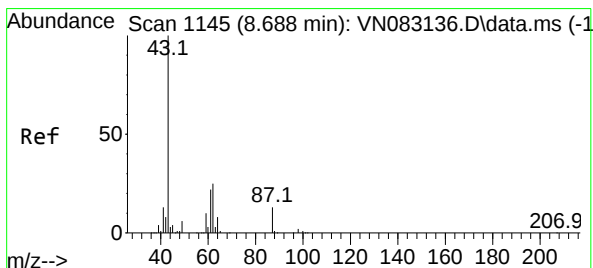
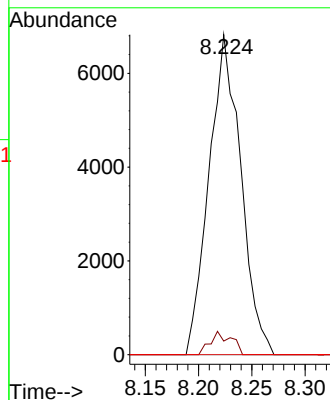
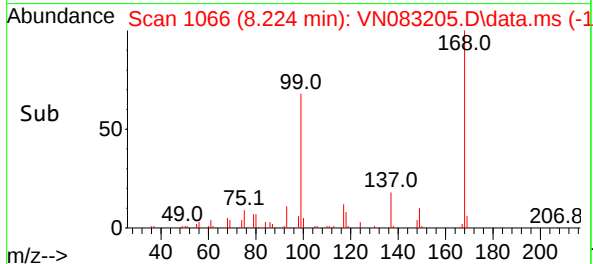


#38
Carbon Tetrachloride
Concen: 5.473 ug/l
RT: 8.224 min Scan# 1150
Delta R.T. -0.135 min
Lab File: VN083205.D
Acq: 10 Aug 2024 14:08

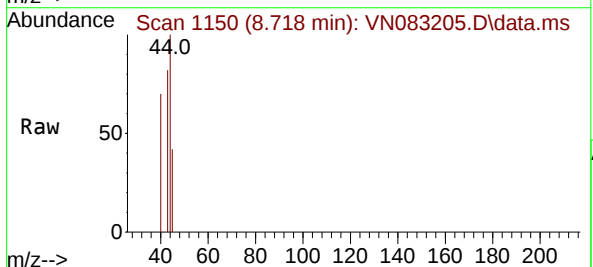
Instrument :
MSVOA_N
ClientSampleId :



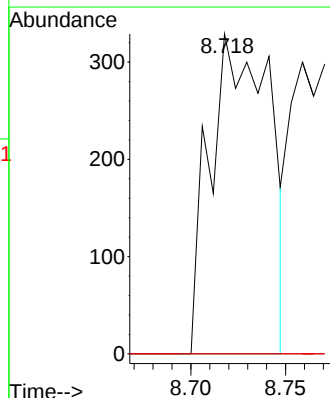
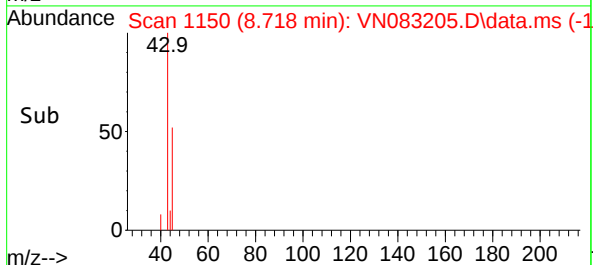
Tgt Ion:117 Resp: 14186
Ion Ratio Lower Upper
117 100
119 4.2 74.9 112.3#
121 0.0 24.3 36.5#

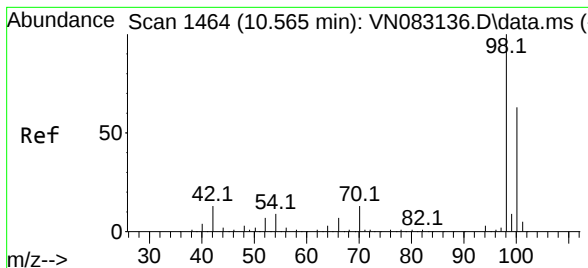


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.718 min Scan# 1150
Delta R.T. 0.030 min
Lab File: VN083205.D
Acq: 10 Aug 2024 14:08



Tgt Ion: 43 Resp: 722
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

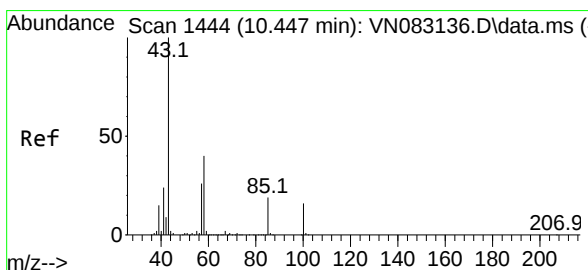
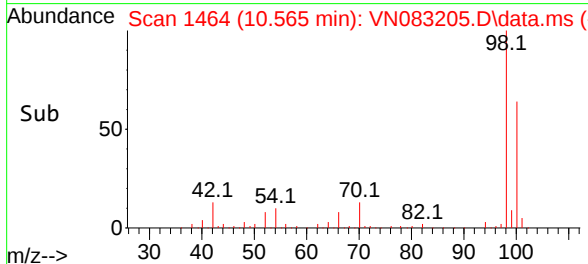
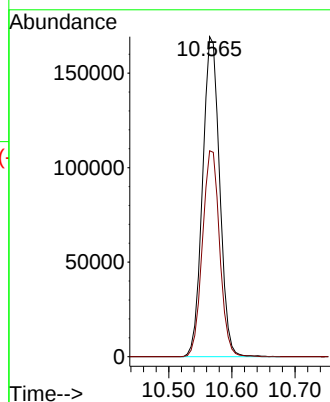
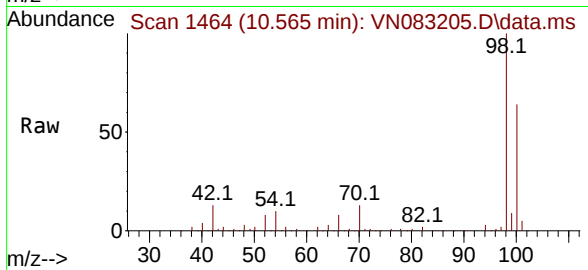




#50
Toluene-d8
Concen: 55.924 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083205.D
Acq: 10 Aug 2024 14:08

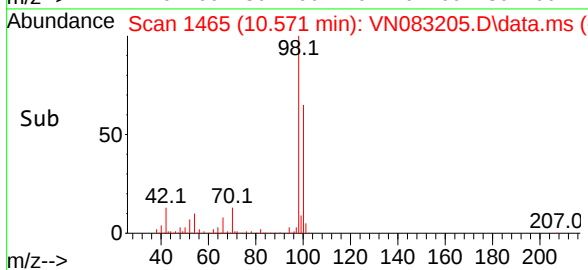
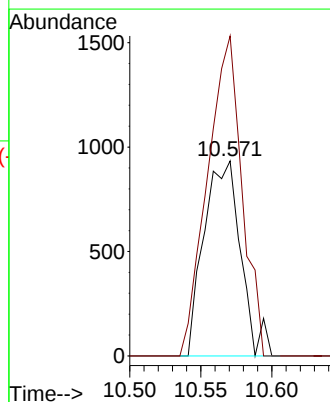
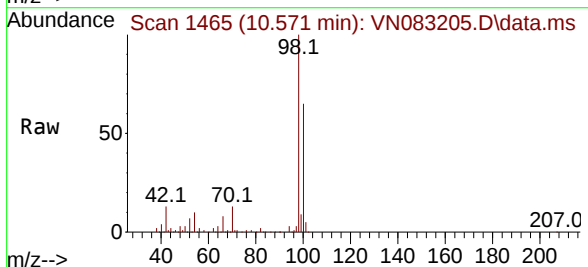
Instrument :
MSVOA_N
ClientSampleId :

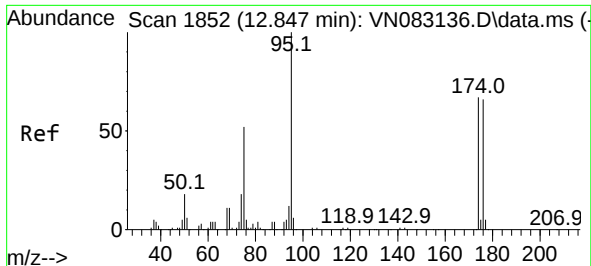
Tgt Ion: 98 Resp: 317362
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.686 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN083205.D
Acq: 10 Aug 2024 14:08

Tgt Ion: 43 Resp: 1671
Ion Ratio Lower Upper
43 100
58 154.7 28.2 42.4#

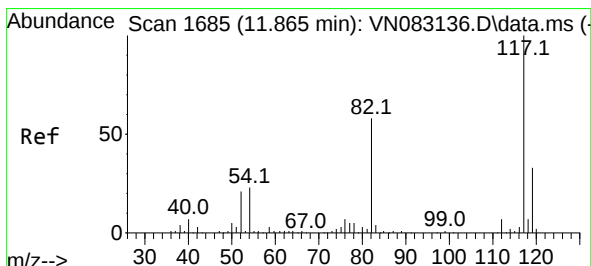
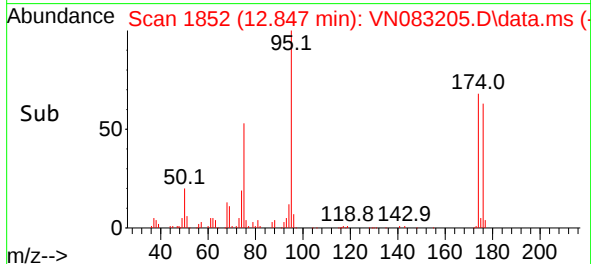
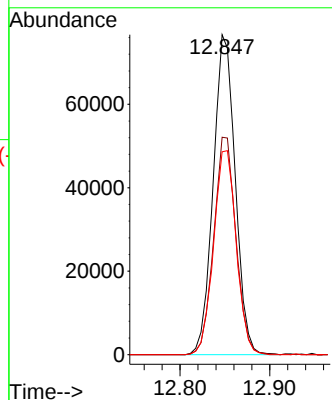
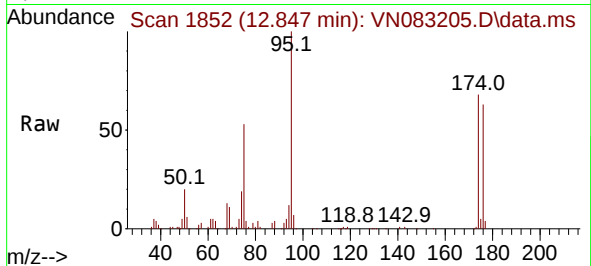




#62
4-Bromofluorobenzene
Concen: 59.112 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083205.D
Acq: 10 Aug 2024 14:08

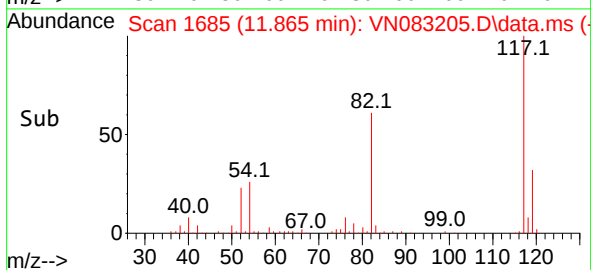
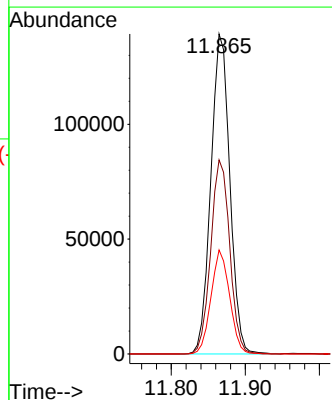
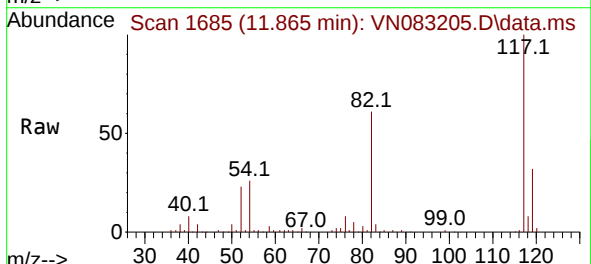
Instrument :
MSVOA_N
ClientSampleId :

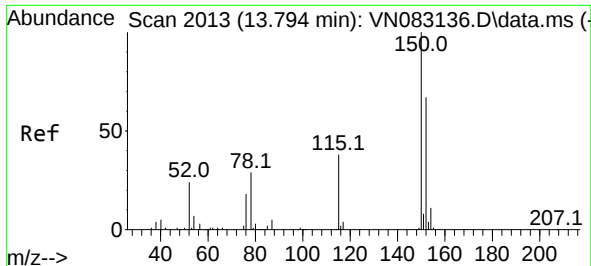
Tgt Ion: 95 Resp: 130780
Ion Ratio Lower Upper
95 100
174 68.6 0.0 159.2
176 65.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083205.D
Acq: 10 Aug 2024 14:08

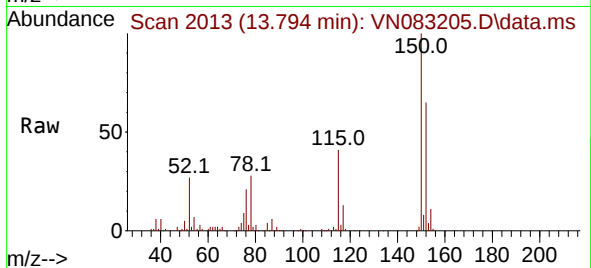
Tgt Ion: 117 Resp: 247914
Ion Ratio Lower Upper
117 100
82 60.6 47.5 71.3
119 32.5 25.6 38.4



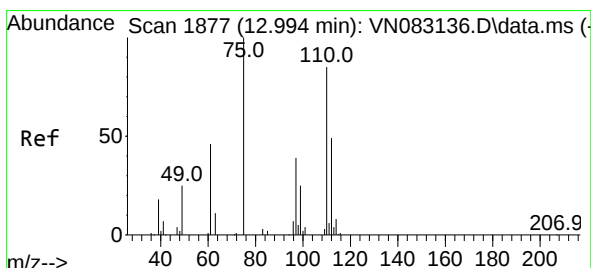
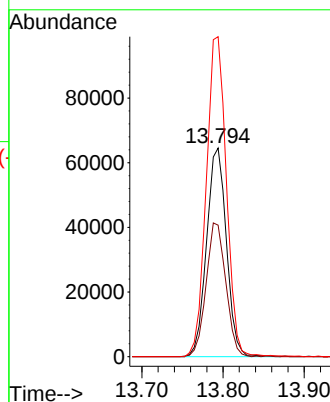
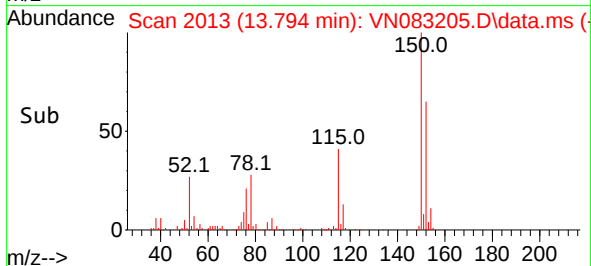


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083205.D
 Acq: 10 Aug 2024 14:08

Instrument :
 MSVOA_N
 ClientSampleId :

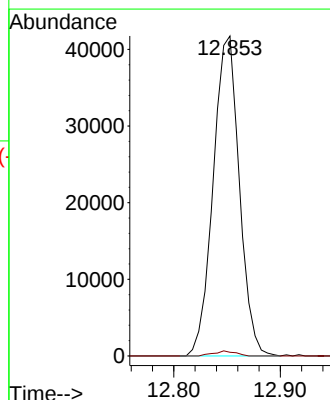
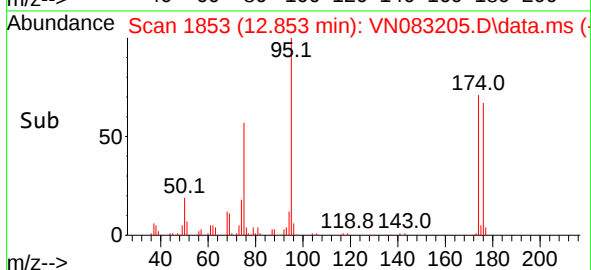
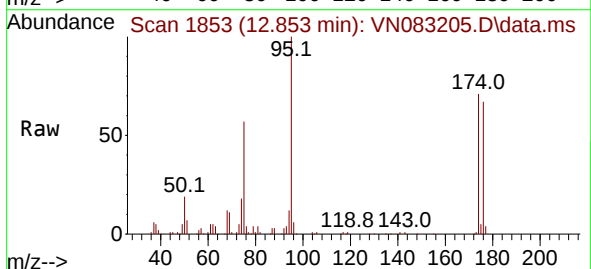


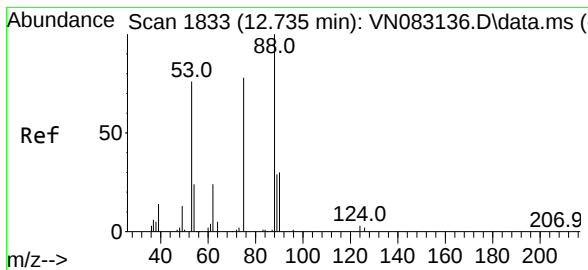
Tgt Ion:152 Resp: 109420
 Ion Ratio Lower Upper
 152 100
 115 63.7 30.6 91.6
 150 155.4 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 29.631 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN083205.D
 Acq: 10 Aug 2024 14:08

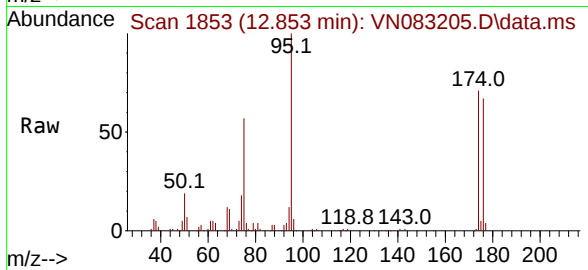
Tgt Ion: 75 Resp: 71158
 Ion Ratio Lower Upper
 75 100
 77 1.3 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.454 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN083205.D
 Acq: 10 Aug 2024 14:08

Instrument :
 MSVOA_N
 ClientSampleId :



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

