

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080924\
 Data File : VN083185.D
 Acq On : 09 Aug 2024 16:24
 Operator : JC\MD
 Sample : P3393-21DL 5X
 Misc : 8.38g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 10 01:00:34 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)

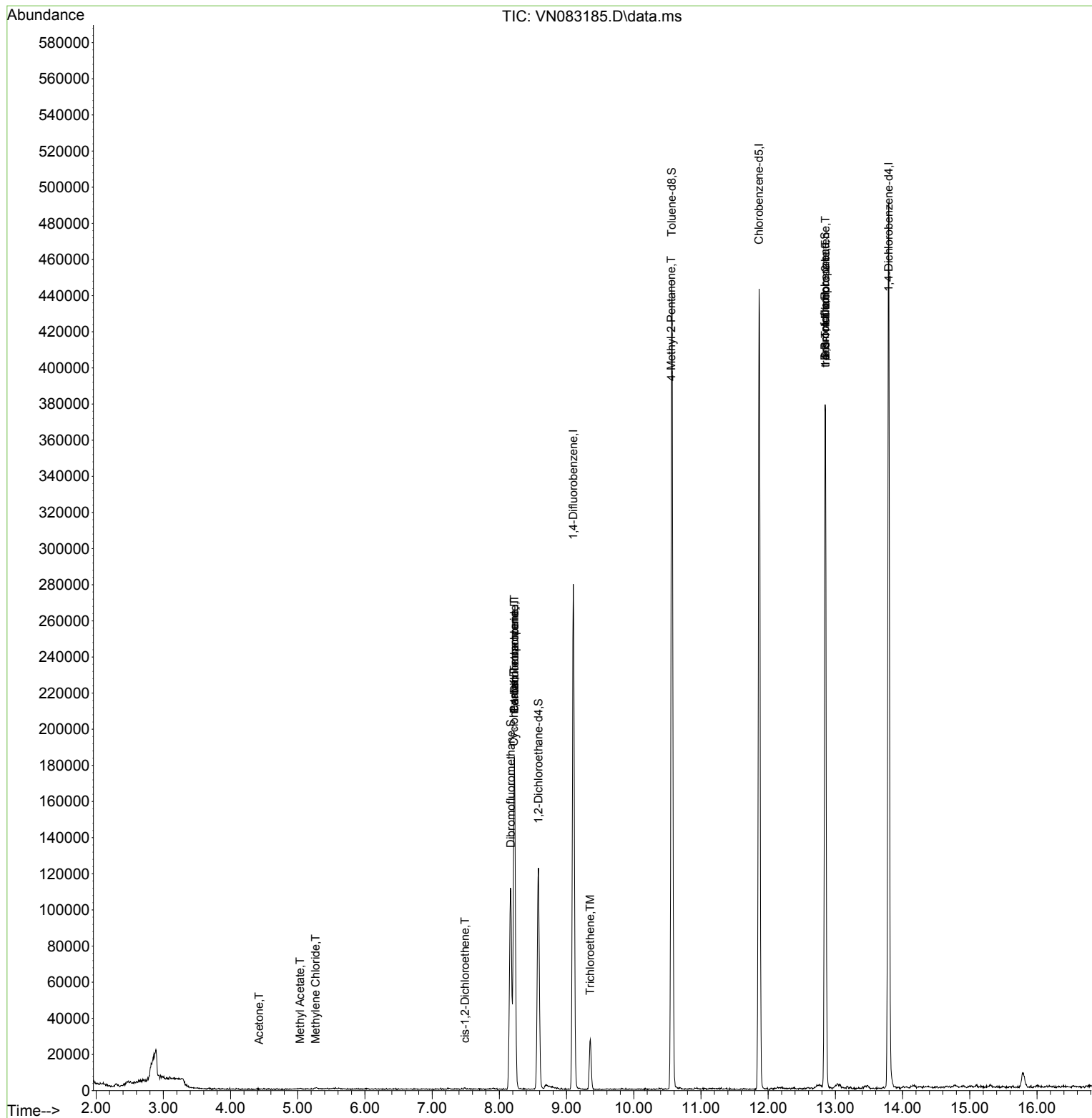
Internal Standards						
1) Pentafluorobenzene	8.224	168	124704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	235396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	102474	57.731	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.460%
35) Dibromofluoromethane	8.171	113	79820	54.326	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.660%
50) Toluene-d8	10.565	98	308761	56.335	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	112.660%
62) 4-Bromofluorobenzene	12.847	95	137133	64.179	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	128.360%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	182	0.262	ug/l #	48
18) Methyl Acetate	5.036	43	685	0.331	ug/l #	56
20) Methylene Chloride	5.265	84	598	0.374	ug/l #	39
27) cis-1,2-Dichloroethene	7.488	96	387	0.224	ug/l	78
31) Cyclohexane	8.218	56	3057	1.162	ug/l #	20
36) 1,1-Dichloropropene	8.224	75	11122	5.004	ug/l #	43
38) Carbon Tetrachloride	8.224	117	13490	5.389	ug/l #	17
43) Isopropyl Acetate	8.688	43	1406	Below Cal	#	60
44) Trichloroethene	9.353	130	9494	6.024	ug/l	98
51) 4-Methyl-2-Pentanone	10.559	43	1874	0.796	ug/l #	1
71) Bromoform	12.847	173	437	0.298	ug/l #	29
76) 1,2,3-Trichloropropane	12.853	75	76621	28.795	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	76621	62.636	ug/l #	6

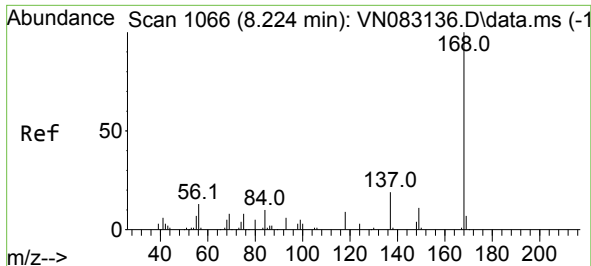
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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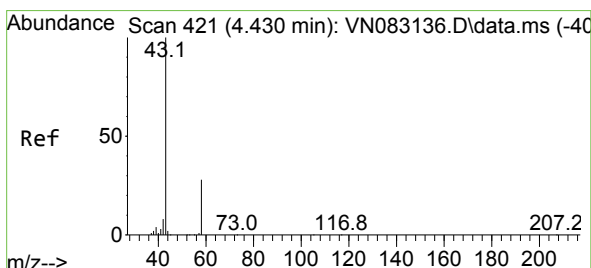
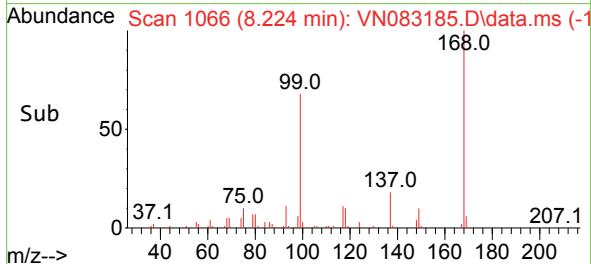
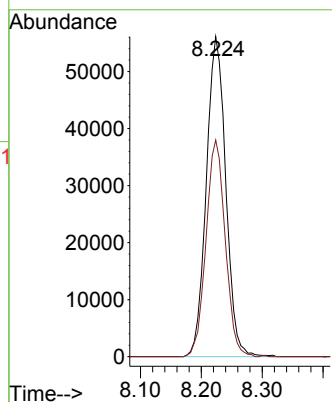
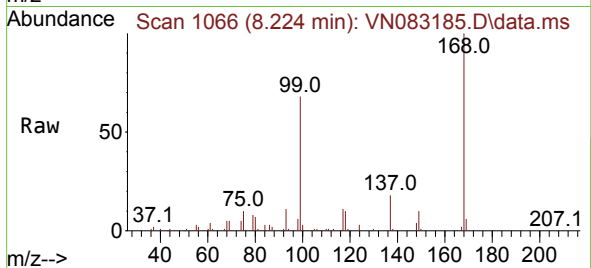




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083185.D
Acq: 09 Aug 2024 16:24

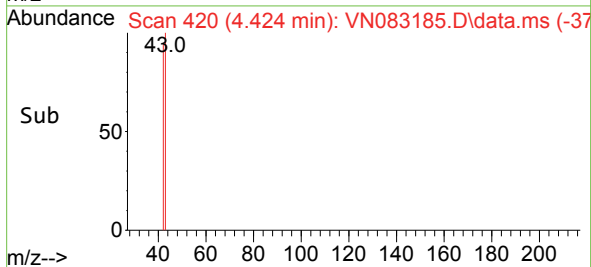
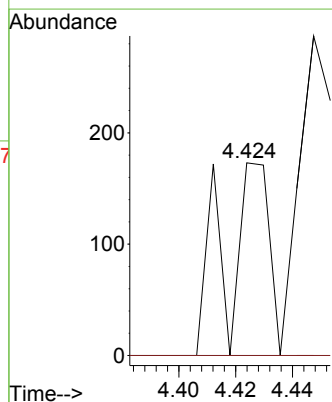
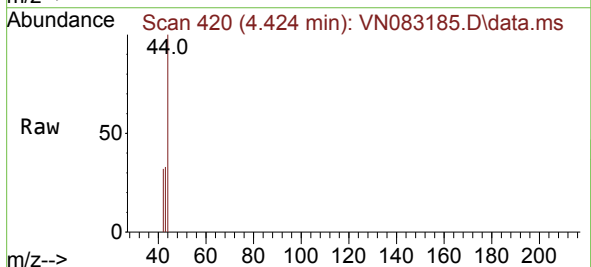
Instrument :
MSVOA_N
ClientSampleId :

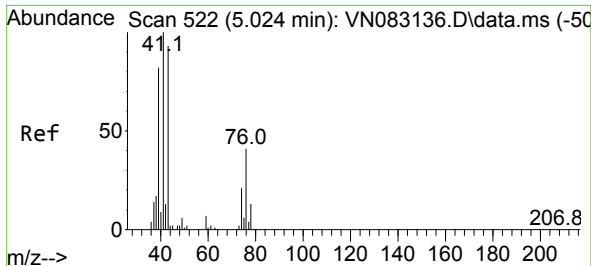
Tgt Ion:168 Resp: 124704
Ion Ratio Lower Upper
168 100
99 67.7 48.2 72.4



#16
Acetone
Concen: 0.262 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083185.D
Acq: 09 Aug 2024 16:24

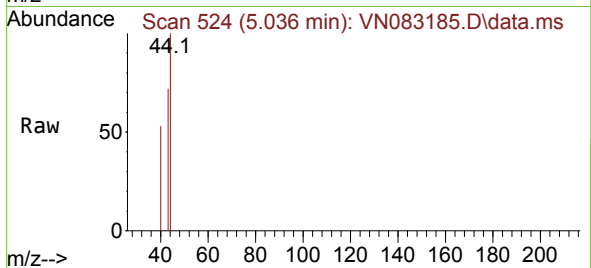
Tgt Ion: 43 Resp: 182
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



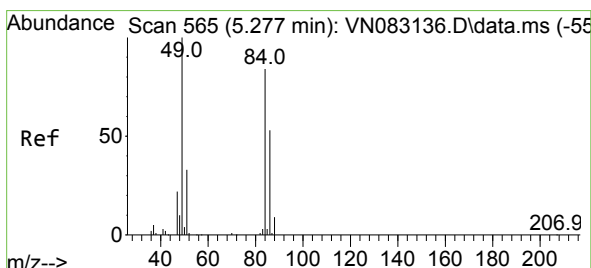
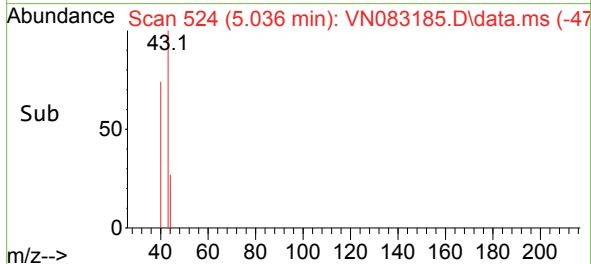
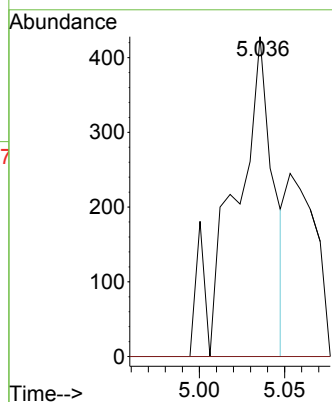


#18
Methyl Acetate
Concen: 0.331 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN083185.D
Acq: 09 Aug 2024 16:24

Instrument :
MSVOA_N
ClientSampleId :

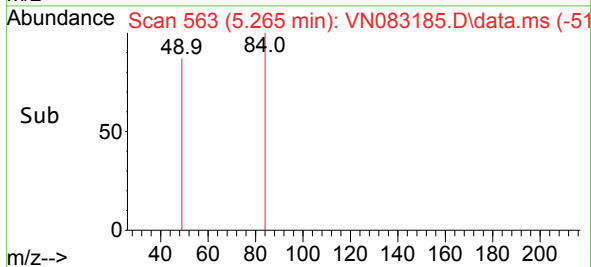
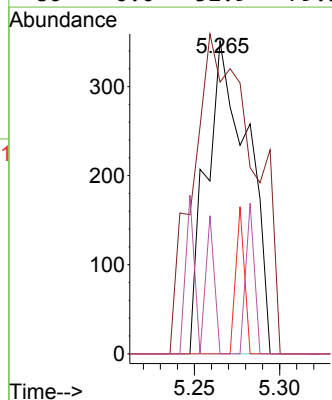
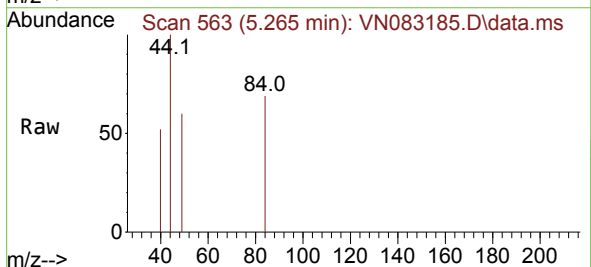


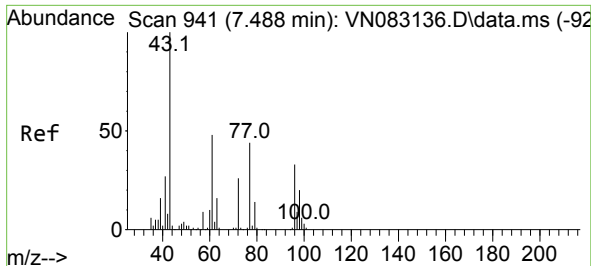
Tgt Ion: 43 Resp: 685
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#20
Methylene Chloride
Concen: 0.374 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN083185.D
Acq: 09 Aug 2024 16:24

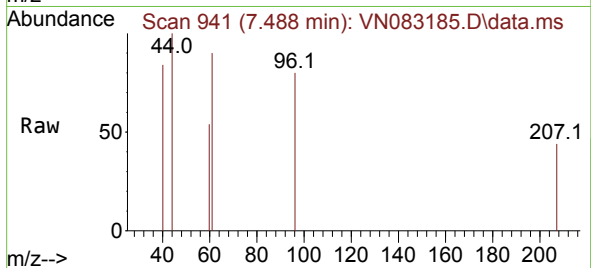
Tgt Ion: 84 Resp: 598
Ion Ratio Lower Upper
84 100
49 86.9 119.6 179.4#
51 0.0 34.8 52.2#
86 0.0 52.9 79.3#



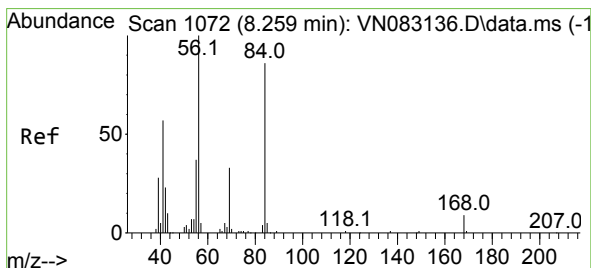
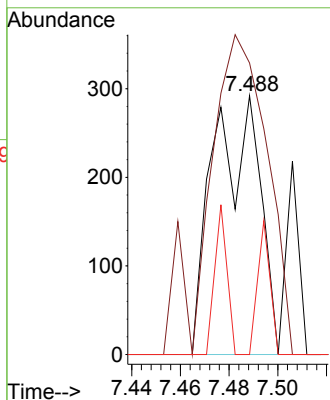
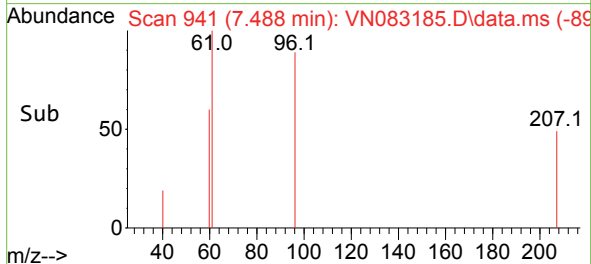


#27
 cis-1,2-Dichloroethene
 Concen: 0.224 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN083185.D
 Acq: 09 Aug 2024 16:24

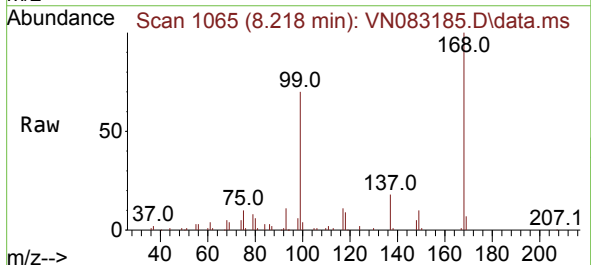
Instrument :
 MSVOA_N
 ClientSampleId :



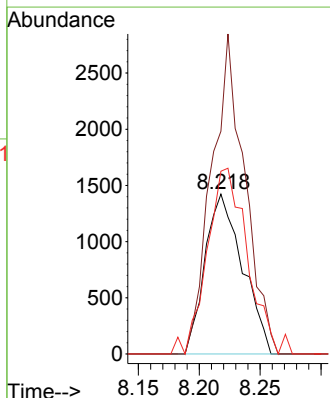
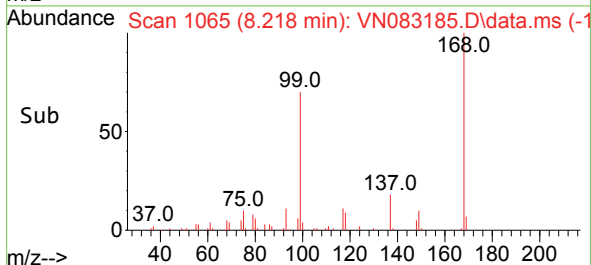
Tgt Ion: 96 Resp: 387
 Ion Ratio Lower Upper
 96 100
 61 156.8 0.0 329.6
 98 13.7 0.0 128.6

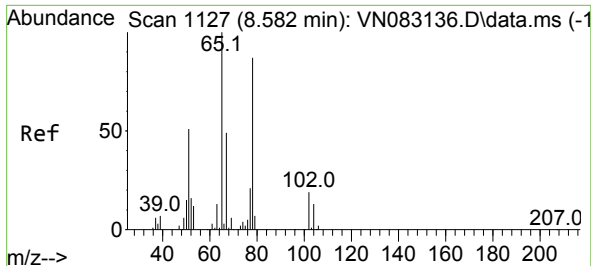


#31
 Cyclohexane
 Concen: 1.162 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.041 min
 Lab File: VN083185.D
 Acq: 09 Aug 2024 16:24



Tgt Ion: 56 Resp: 3057
 Ion Ratio Lower Upper
 56 100
 69 139.3 24.5 36.7#
 84 114.3 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 57.731 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

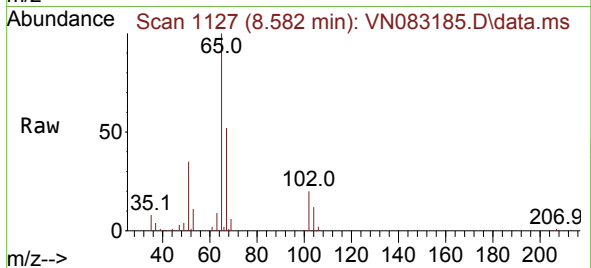
Lab File: VN083185.D

Acq: 09 Aug 2024 16:24

Instrument :

MSVOA_N

ClientSampleId :

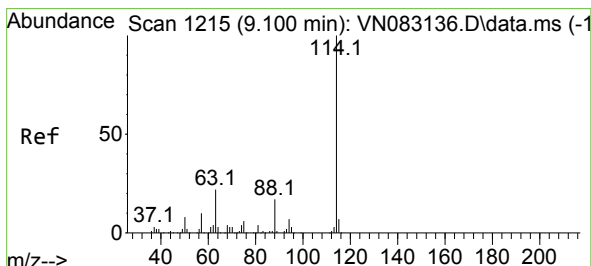
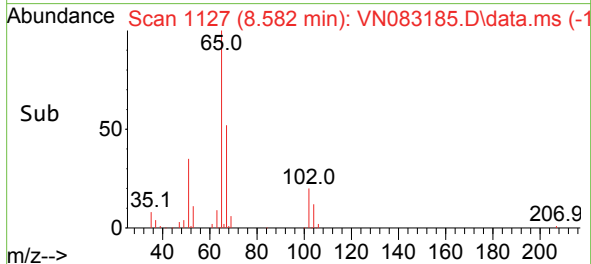
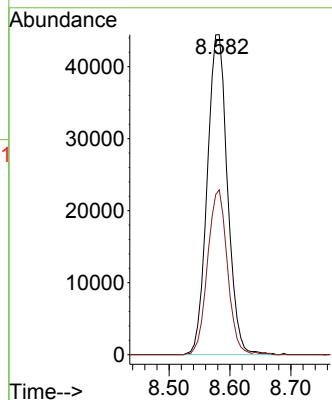


Tgt Ion: 65 Resp: 102474

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# 1215

Delta R.T. -0.000 min

Lab File: VN083185.D

Acq: 09 Aug 2024 16:24

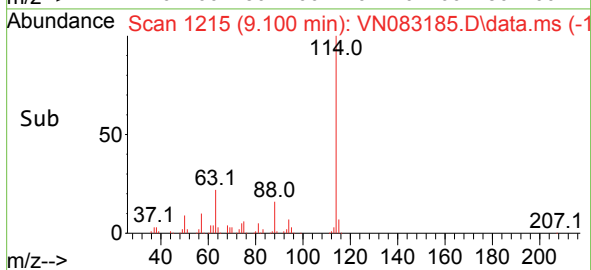
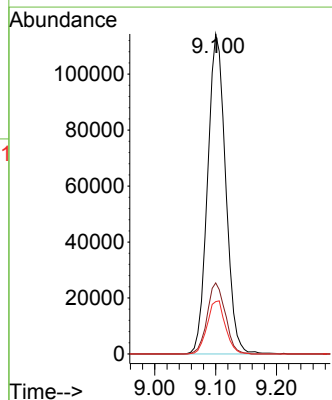
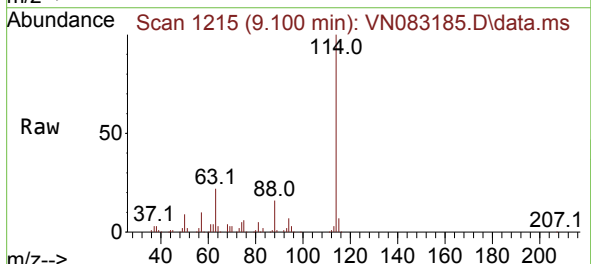
Tgt Ion: 114 Resp: 235396

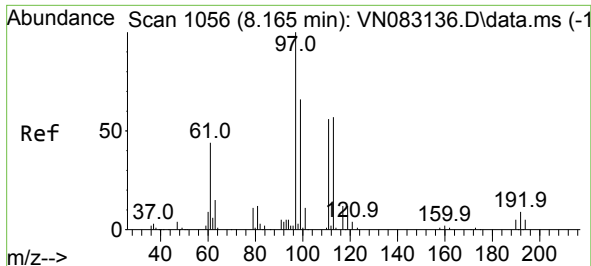
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

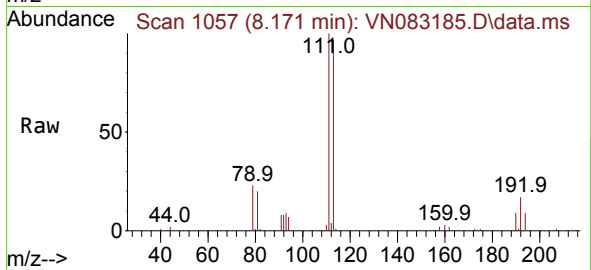
88 16.3 0.0 31.4



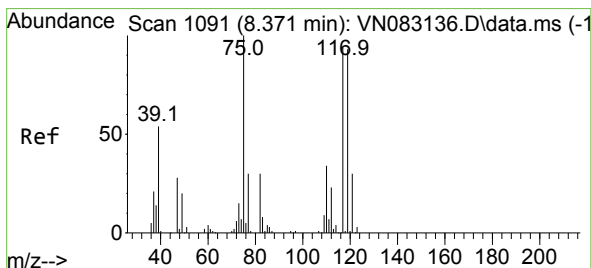
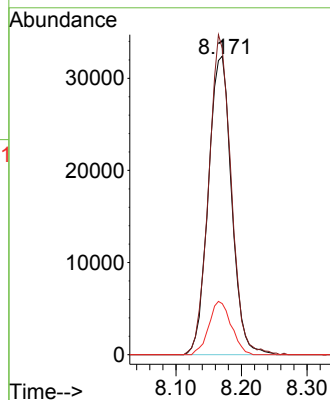
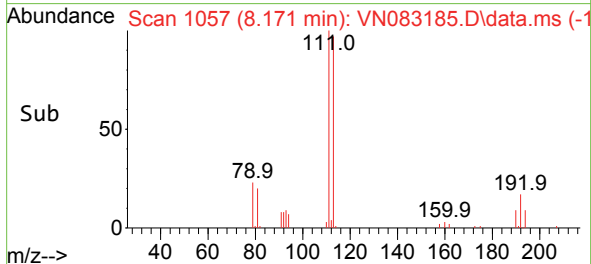


#35
 Dibromofluoromethane
 Concen: 54.326 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN083185.D
 Acq: 09 Aug 2024 16:24

Instrument :
 MSVOA_N
 ClientSampleId :

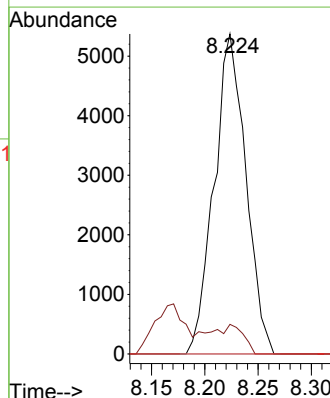
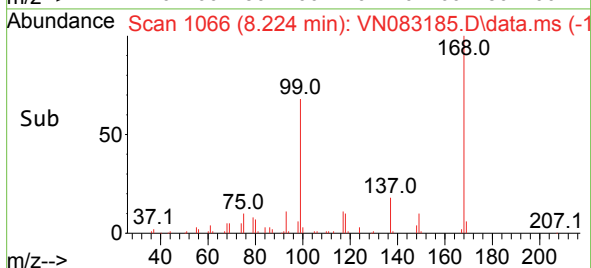
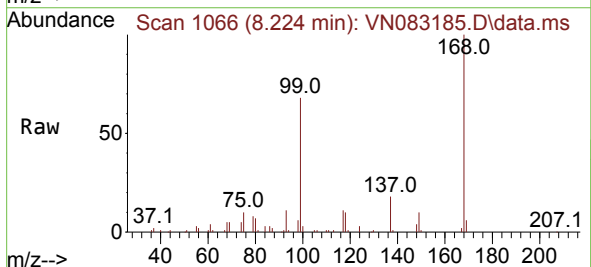


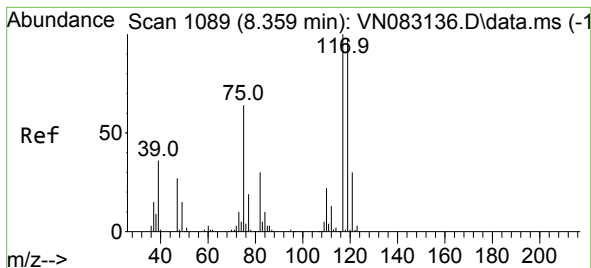
Tgt Ion:113 Resp: 79820
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.4 123.6
 192 17.2 14.9 22.3



#36
 1,1-Dichloropropene
 Concen: 5.004 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN083185.D
 Acq: 09 Aug 2024 16:24

Tgt Ion: 75 Resp: 11122
 Ion Ratio Lower Upper
 75 100
 110 0.0 16.3 48.9#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.389 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

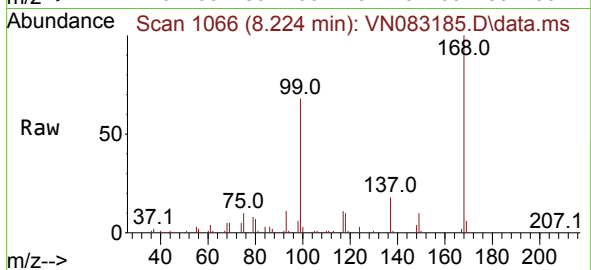
Lab File: VN083185.D

Acq: 09 Aug 2024 16:24

Instrument :

MSVOA_N

ClientSampleId :



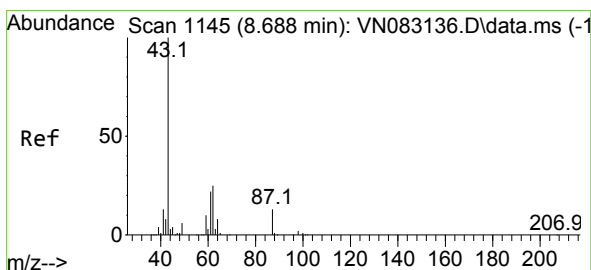
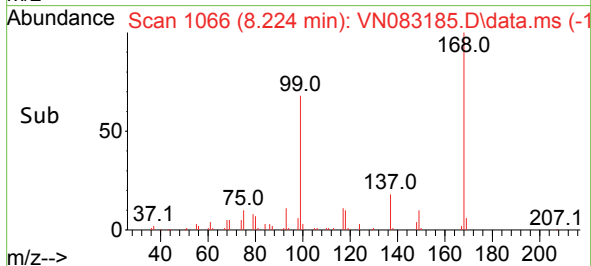
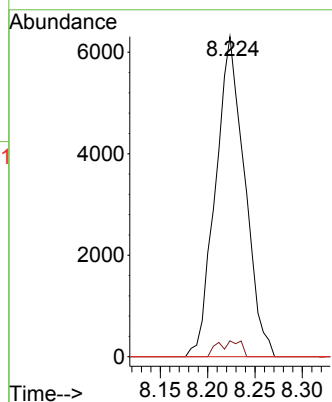
Tgt Ion:117 Resp: 13490

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: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083185.D

Acq: 09 Aug 2024 16:24

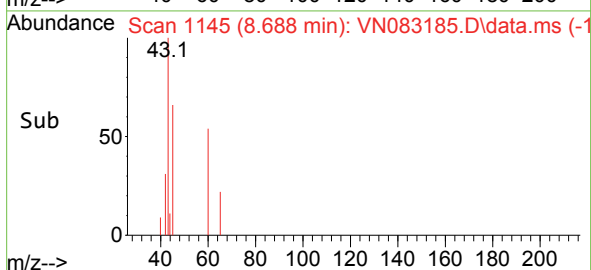
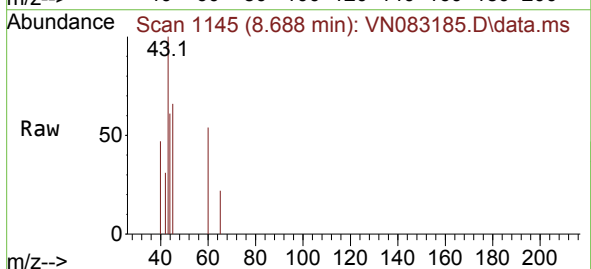
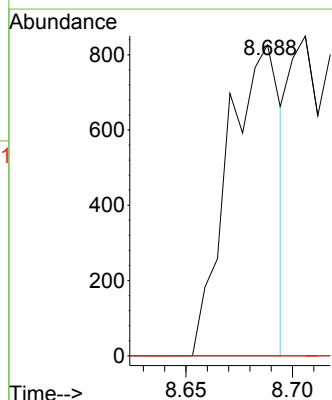
Tgt Ion: 43 Resp: 1406

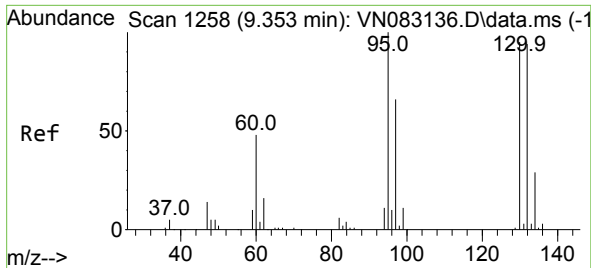
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

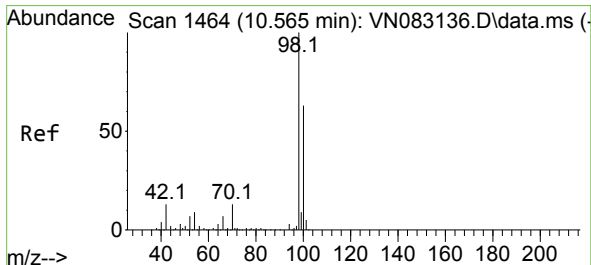
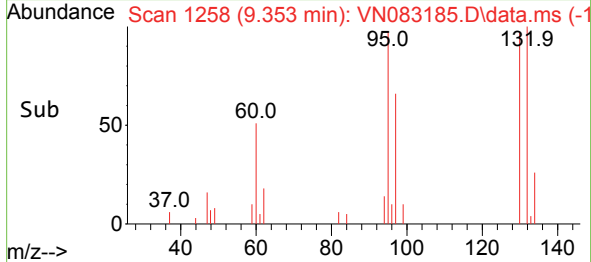
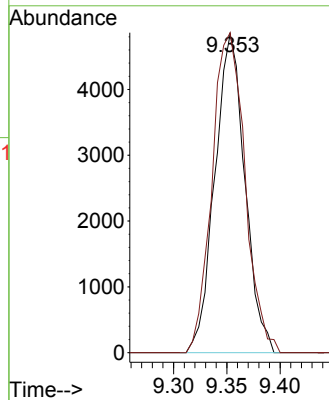
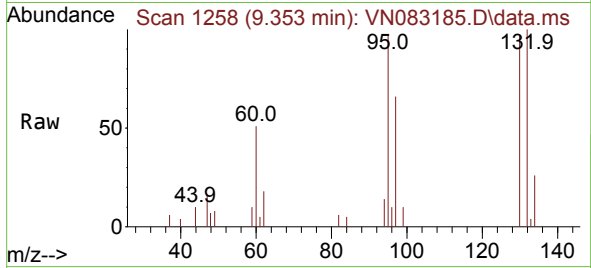




#44
Trichloroethene
Concen: 6.024 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083185.D
Acq: 09 Aug 2024 16:24

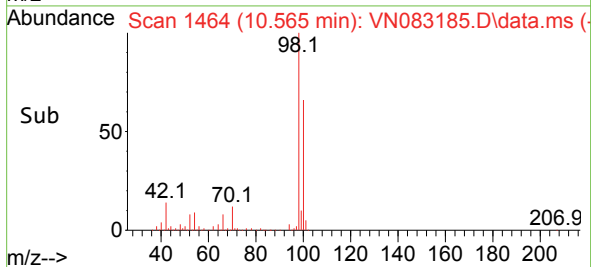
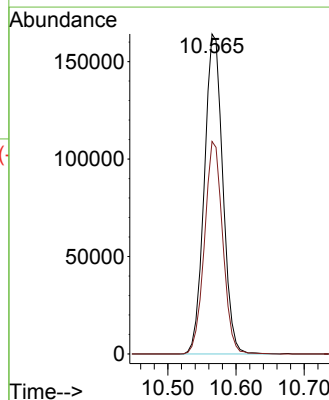
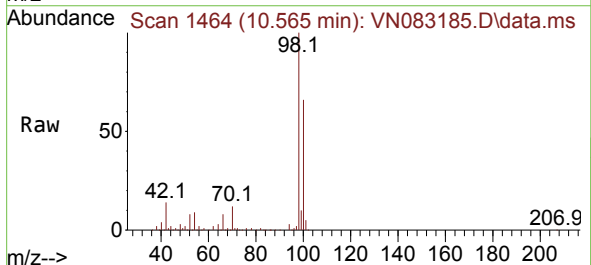
Instrument :
MSVOA_N
ClientSampleId :

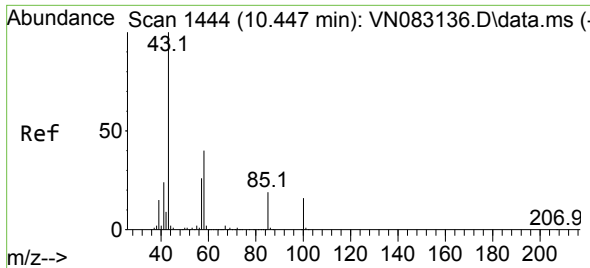
Tgt Ion:130 Resp: 9494
Ion Ratio Lower Upper
130 100
95 100.5 0.0 197.8



#50
Toluene-d8
Concen: 56.335 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083185.D
Acq: 09 Aug 2024 16:24

Tgt Ion: 98 Resp: 308761
Ion Ratio Lower Upper
98 100
100 65.6 51.5 77.3

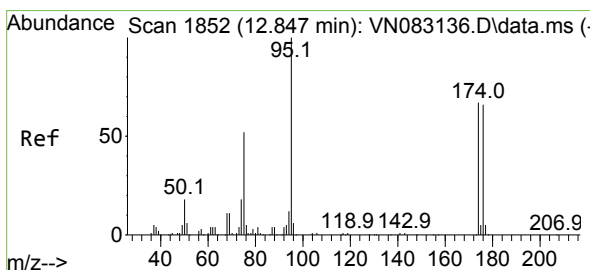
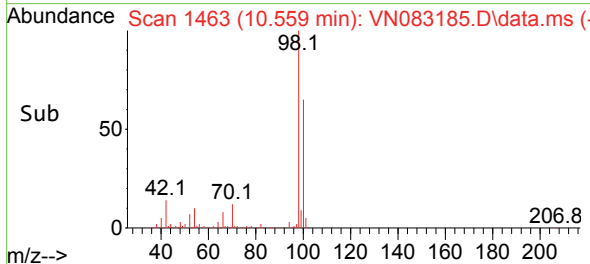
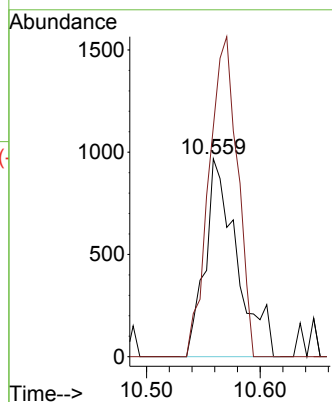
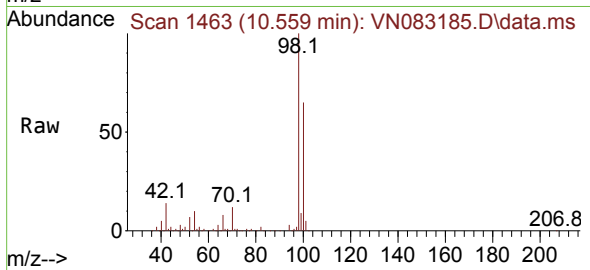




#51
4-Methyl-2-Pentanone
Concen: 0.796 ug/l
RT: 10.559 min Scan# 1444
Delta R.T. 0.112 min
Lab File: VN083185.D
Acq: 09 Aug 2024 16:24

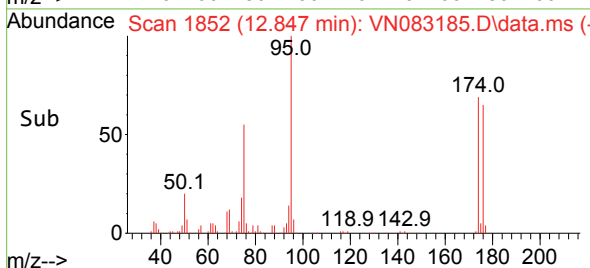
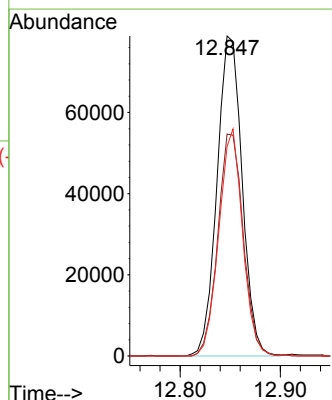
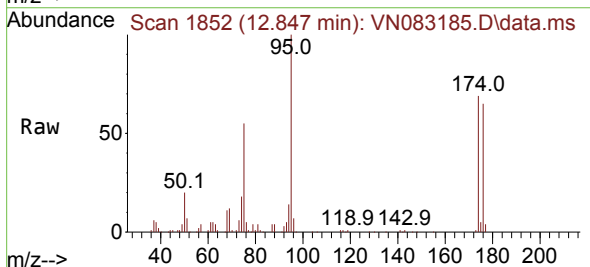
Instrument :
MSVOA_N
ClientSampleId :

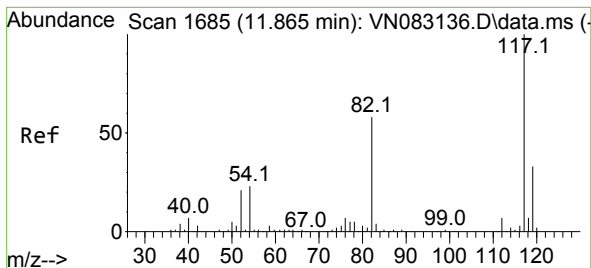
Tgt Ion: 43 Resp: 1874
Ion Ratio Lower Upper
43 100
58 145.6 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 64.179 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083185.D
Acq: 09 Aug 2024 16:24

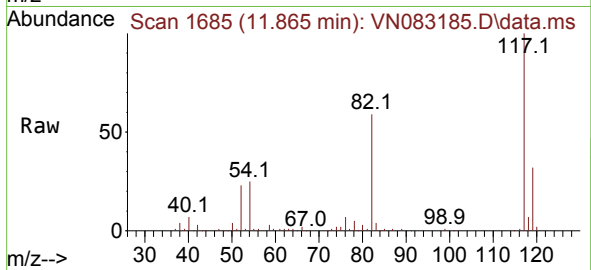
Tgt Ion: 95 Resp: 137133
Ion Ratio Lower Upper
95 100
174 70.1 0.0 159.2
176 67.2 0.0 147.6



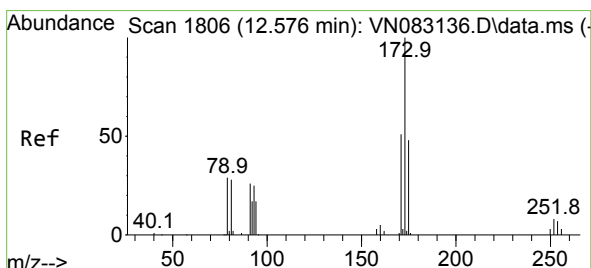
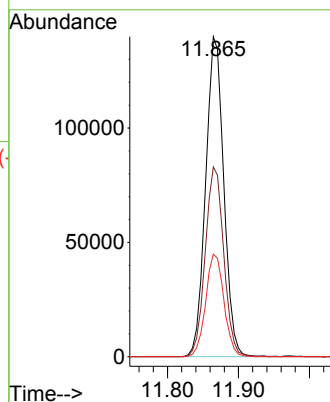
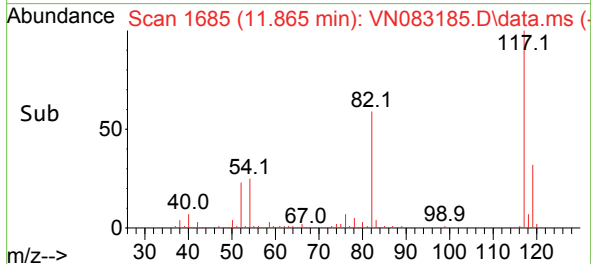


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083185.D
Acq: 09 Aug 2024 16:24

Instrument :
MSVOA_N
ClientSampleId :

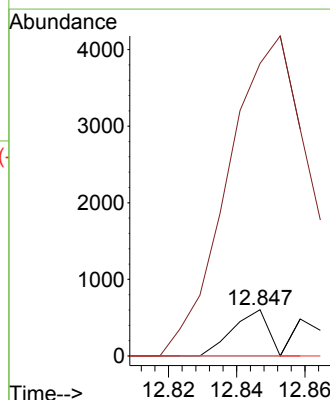
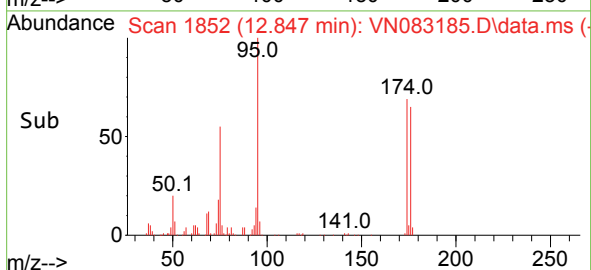
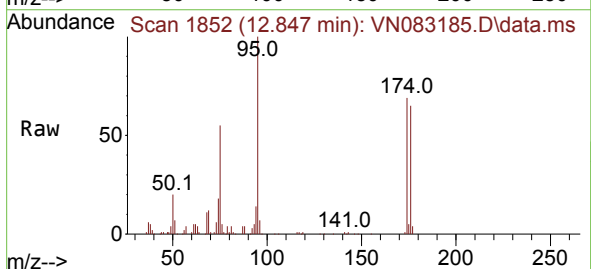


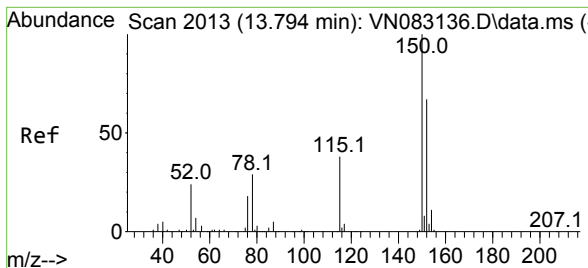
Tgt Ion:117 Resp: 248108
Ion Ratio Lower Upper
117 100
82 59.3 47.5 71.3
119 32.0 25.6 38.4



#71
Bromoform
Concen: 0.298 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN083185.D
Acq: 09 Aug 2024 16:24

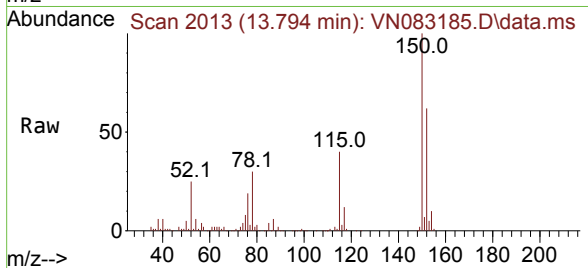
Tgt Ion:173 Resp: 437
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0



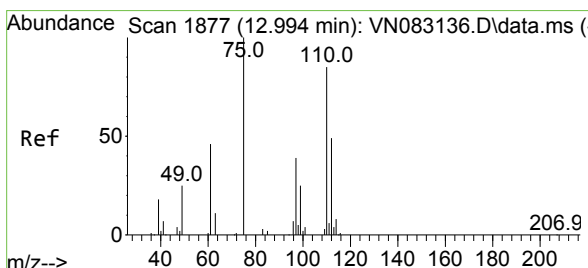
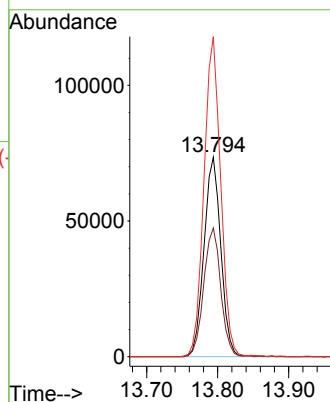
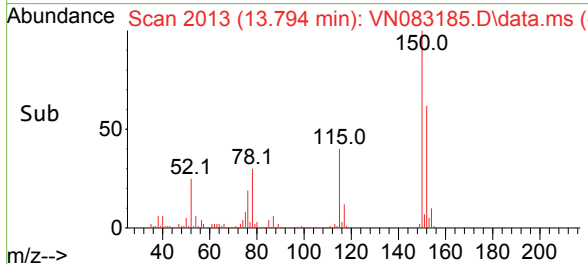


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN083185.D
 Acq: 09 Aug 2024 16:24

Instrument :
 MSVOA_N
 ClientSampleId :

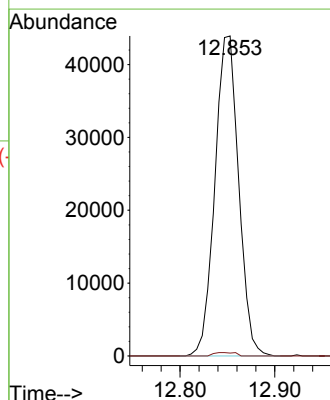
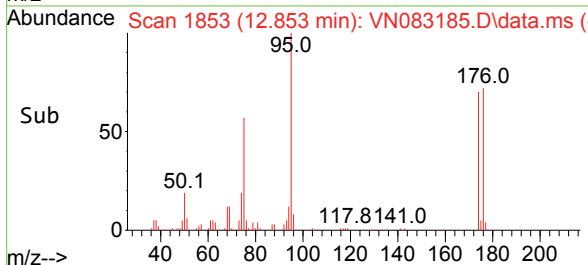
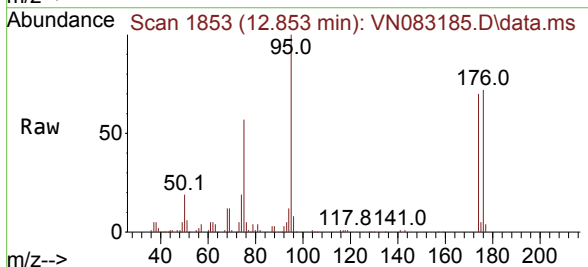


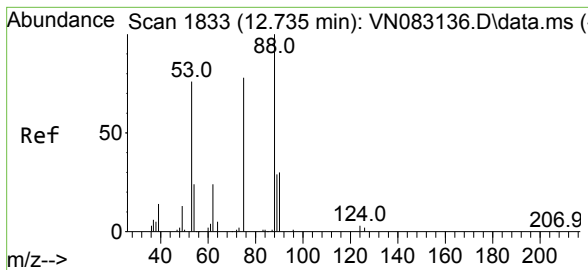
Tgt Ion:152 Resp: 121240
 Ion Ratio Lower Upper
 152 100
 115 65.2 30.6 91.6
 150 159.3 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 28.795 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN083185.D
 Acq: 09 Aug 2024 16:24

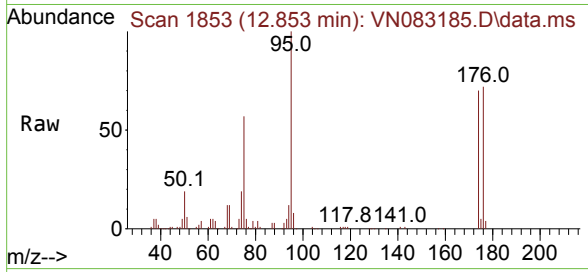
Tgt Ion: 75 Resp: 76621
 Ion Ratio Lower Upper
 75 100
 77 1.0 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.636 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN083185.D
 Acq: 09 Aug 2024 16:24

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#

