

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082624\
 Data File : VN083485.D
 Acq On : 26 Aug 2024 16:33
 Operator : JC\MD
 Sample : P3706-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 27 01:58:38 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)

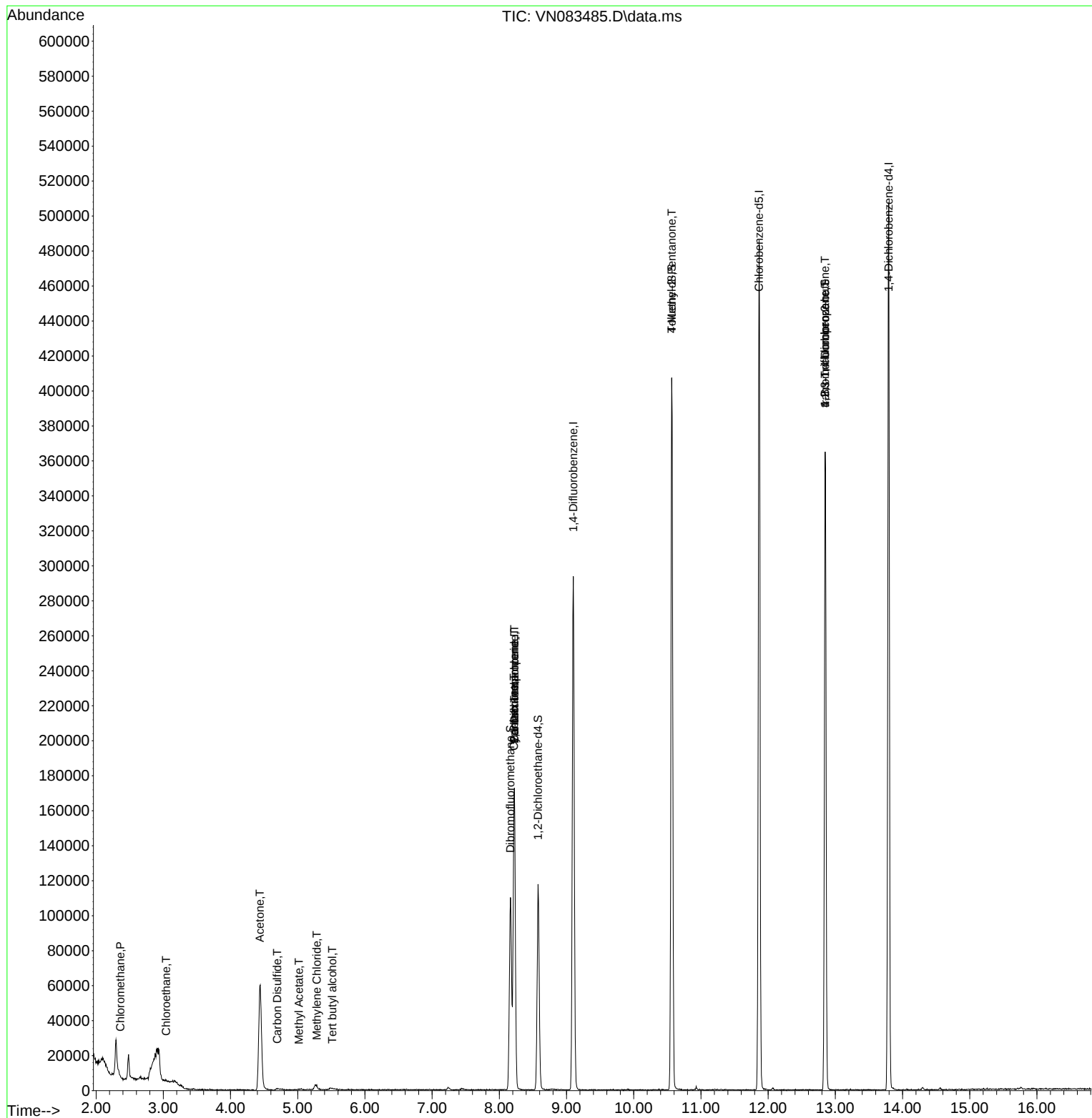
Internal Standards						
1) Pentafluorobenzene	8.224	168	120426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97356	56.796	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.600%
35) Dibromofluoromethane	8.165	113	76503	49.735	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.480%
50) Toluene-d8	10.565	98	279658	48.739	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.480%
62) 4-Bromofluorobenzene	12.847	95	129115	57.719	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	115.440%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	429	0.307	ug/l #	43
6) Chloroethane	3.042	64	590	0.661	ug/l	96
11) Tert butyl alcohol	5.512	59	352	0.988	ug/l #	71
16) Acetone	4.436	43	2582	3.850	ug/l #	48
17) Carbon Disulfide	4.695	76	1609	0.412	ug/l #	75
18) Methyl Acetate	5.018	43	468	0.234	ug/l #	56
20) Methylene Chloride	5.283	84	2342	1.517	ug/l #	59
31) Cyclohexane	8.218	56	3068	1.208	ug/l #	31
36) 1,1-Dichloropropene	8.224	75	11096	4.769	ug/l #	51
38) Carbon Tetrachloride	8.224	117	13990	5.338	ug/l #	16
43) Isopropyl Acetate	8.706	43	68	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1310	0.532	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	72750	25.832	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72750	56.192	ug/l #	6

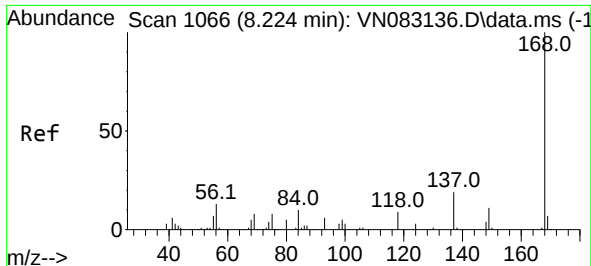
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082624\
Data File : VN083485.D
Acq On : 26 Aug 2024 16:33
Operator : JC\MD
Sample : P3706-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

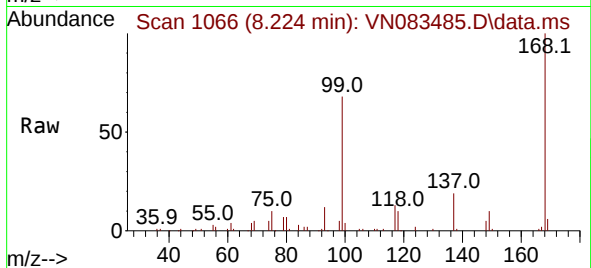
Quant Time: Aug 27 01:58:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



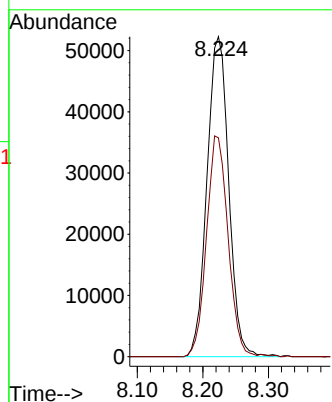
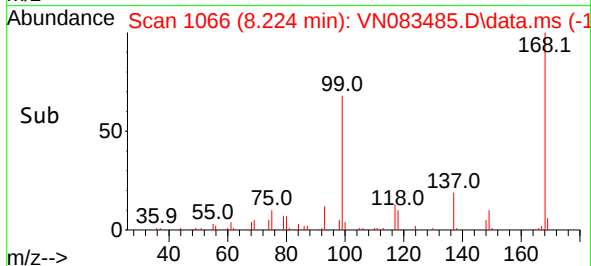


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083485.D
Acq: 26 Aug 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :

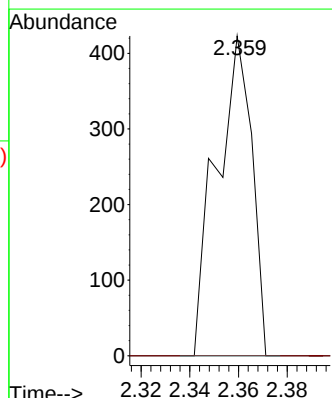
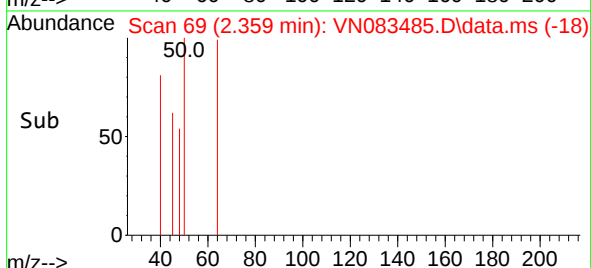
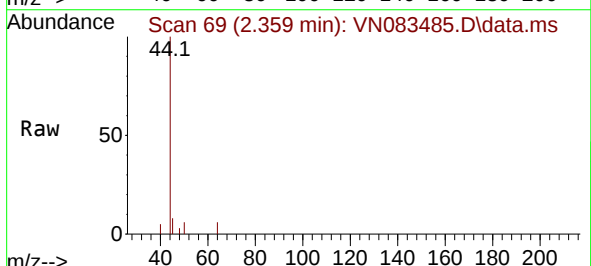


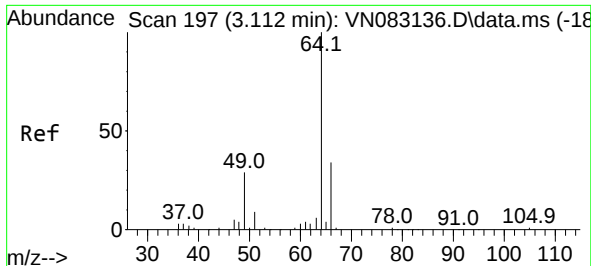
Tgt Ion:168 Resp: 120426
Ion Ratio Lower Upper
168 100
99 68.4 48.2 72.4



#3
Chloromethane
Concen: 0.307 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083485.D
Acq: 26 Aug 2024 16:33

Tgt Ion: 50 Resp: 429
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

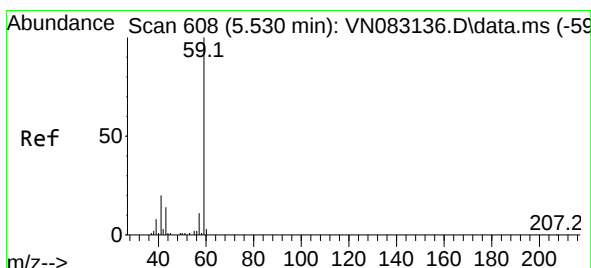
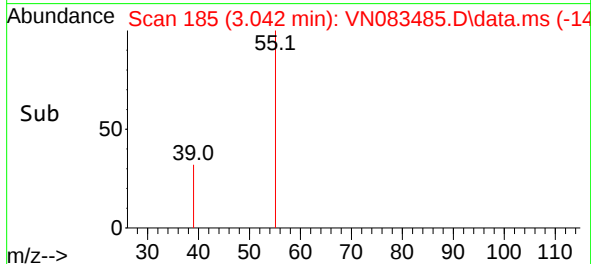
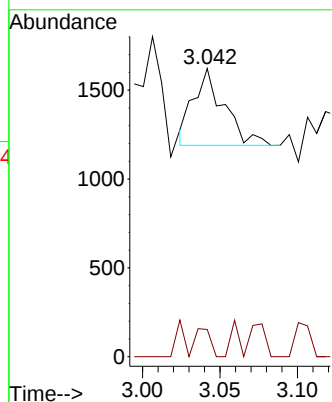
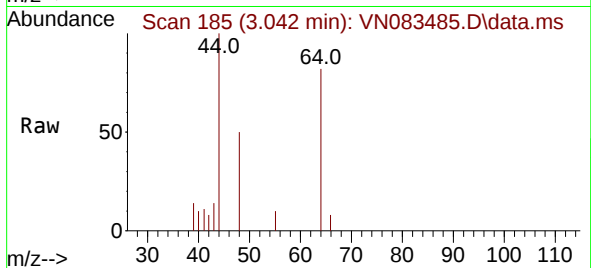




#6
Chloroethane
Concen: 0.661 ug/l
RT: 3.042 min Scan# 11
Delta R.T. -0.070 min
Lab File: VN083485.D
Acq: 26 Aug 2024 16:33

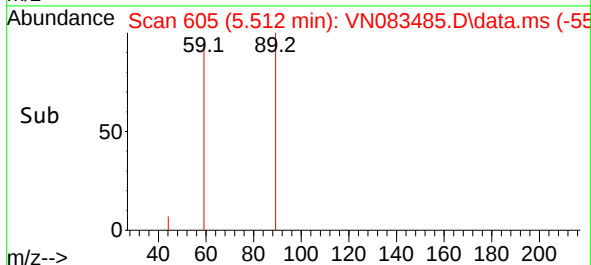
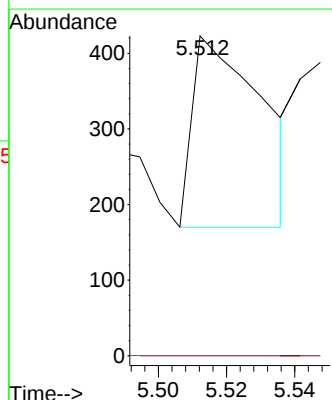
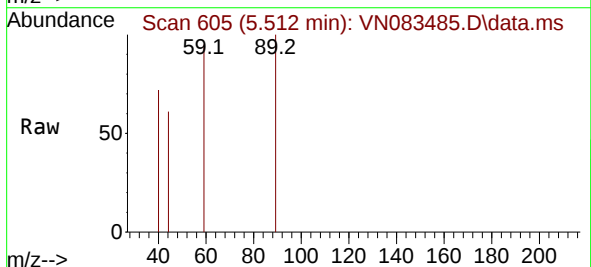
Instrument :
MSVOA_N
ClientSampleId :

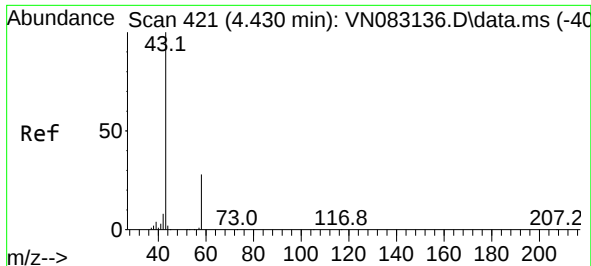
Tgt Ion: 64 Resp: 590
Ion Ratio Lower Upper
64 100
66 35.4 26.6 40.0



#11
Tert butyl alcohol
Concen: 0.988 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.018 min
Lab File: VN083485.D
Acq: 26 Aug 2024 16:33

Tgt Ion: 59 Resp: 352
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

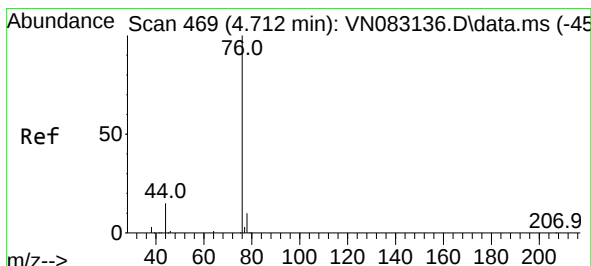
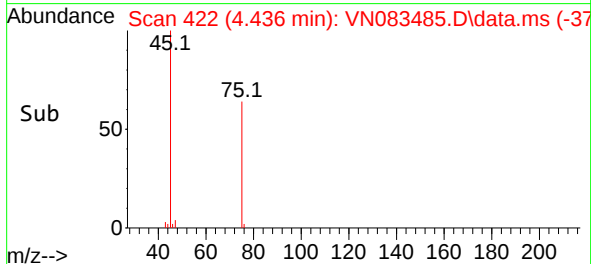
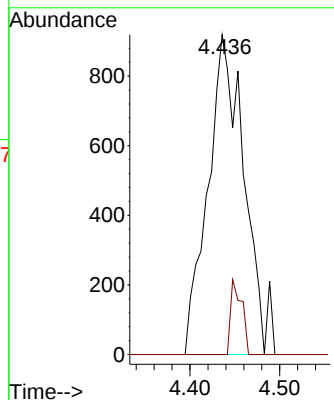
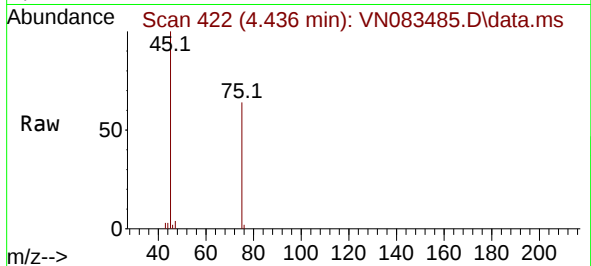




#16
Acetone
Concen: 3.850 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083485.D
Acq: 26 Aug 2024 16:33

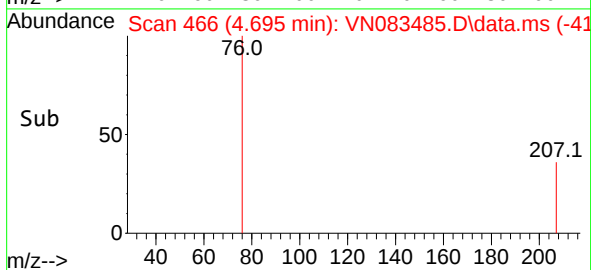
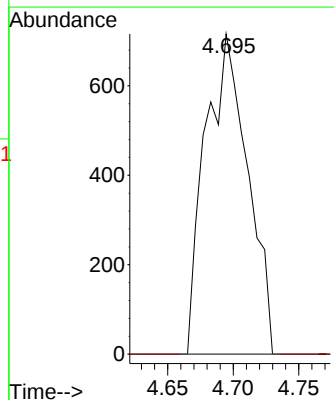
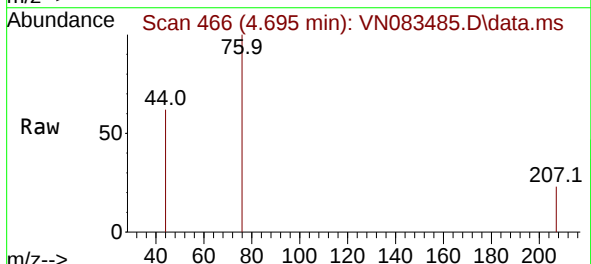
Instrument :
MSVOA_N
ClientSampleId :

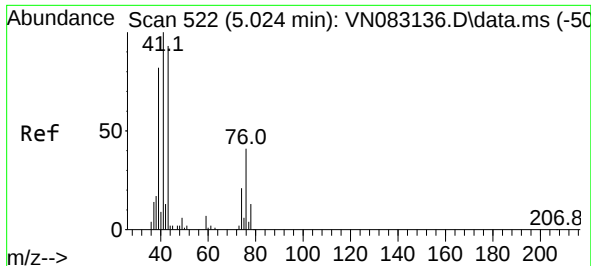
Tgt Ion: 43 Resp: 2582
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.412 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.018 min
Lab File: VN083485.D
Acq: 26 Aug 2024 16:33

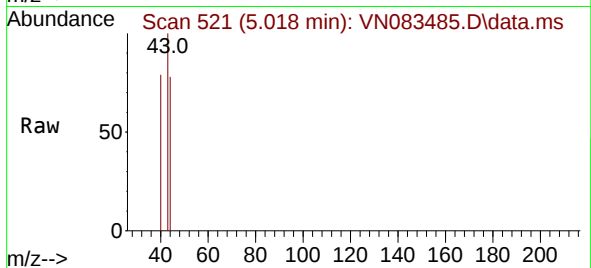
Tgt Ion: 76 Resp: 1609
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



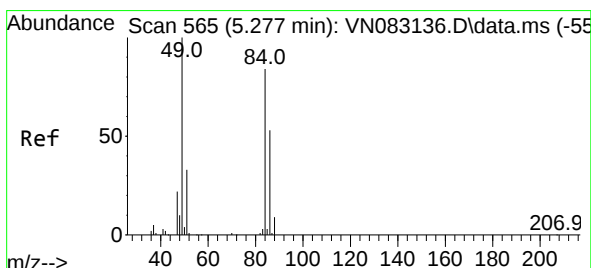
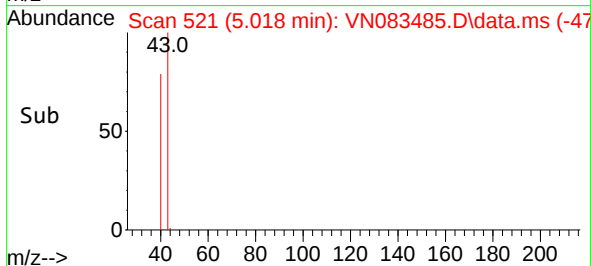
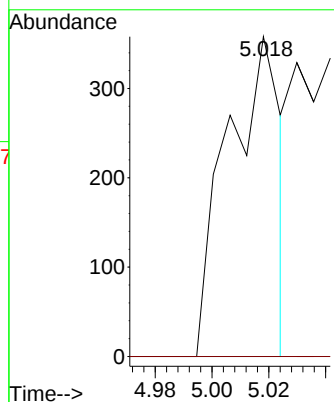


#18
Methyl Acetate
Concen: 0.234 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083485.D
Acq: 26 Aug 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :

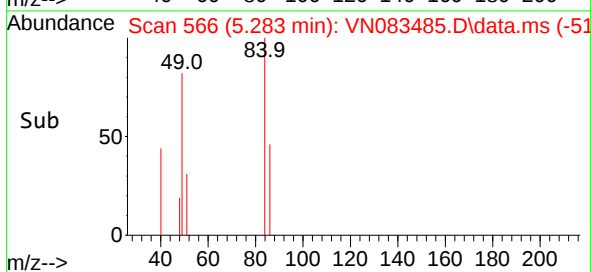
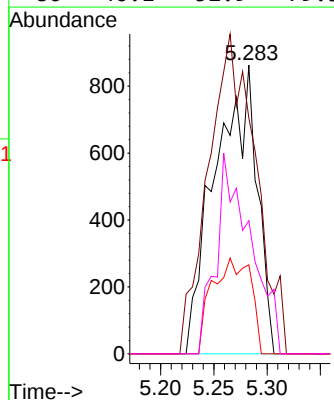
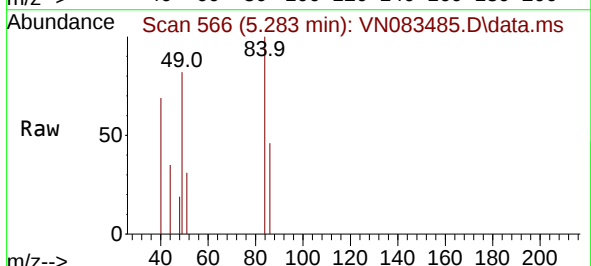


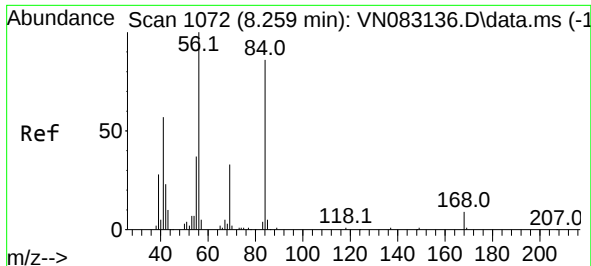
Tgt Ion: 43 Resp: 468
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#20
Methylene Chloride
Concen: 1.517 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN083485.D
Acq: 26 Aug 2024 16:33

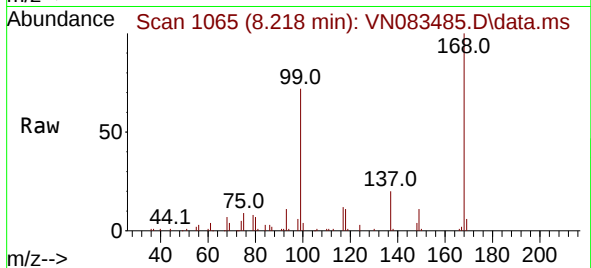
Tgt Ion: 84 Resp: 2342
Ion Ratio Lower Upper
84 100
49 81.7 119.6 179.4#
51 30.8 34.8 52.2#
86 46.1 52.9 79.3#



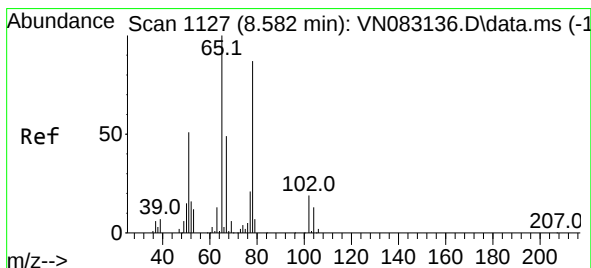
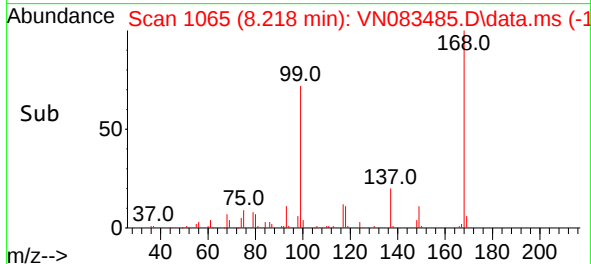
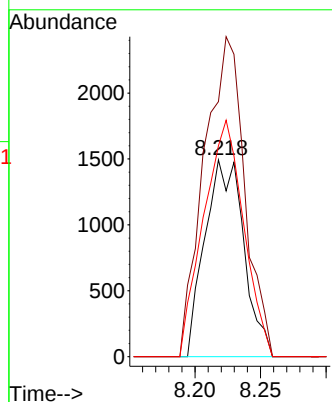


#31
Cyclohexane
Concen: 1.208 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083485.D
Acq: 26 Aug 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :

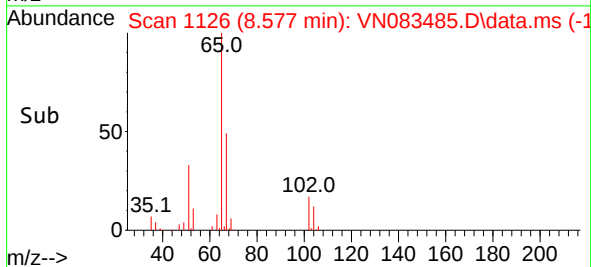
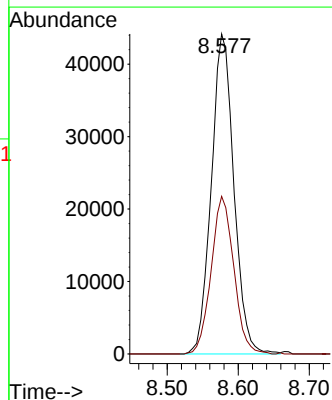
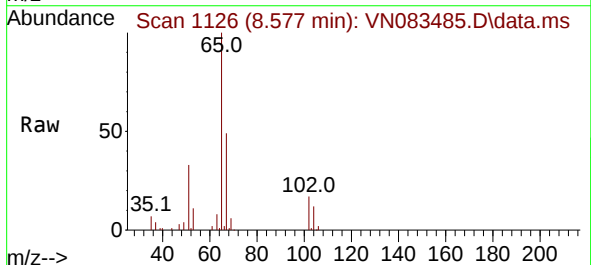


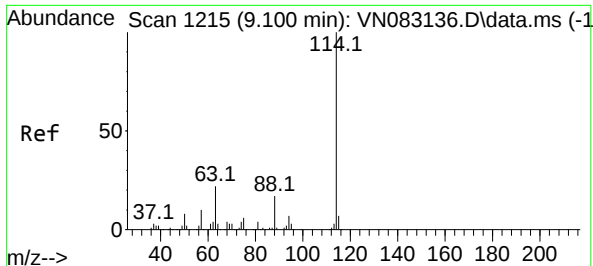
Tgt Ion: 56 Resp: 3068
Ion Ratio Lower Upper
56 100
69 129.6 24.5 36.7#
84 107.2 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 56.796 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083485.D
Acq: 26 Aug 2024 16:33

Tgt Ion: 65 Resp: 97356
Ion Ratio Lower Upper
65 100
67 49.4 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: VN083485.D

Acq: 26 Aug 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

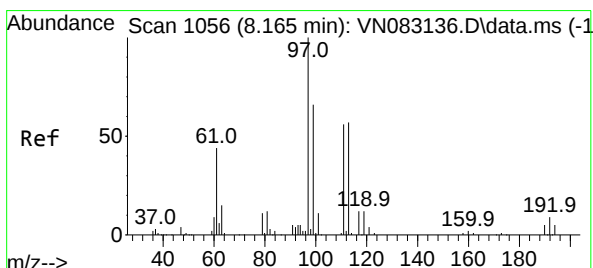
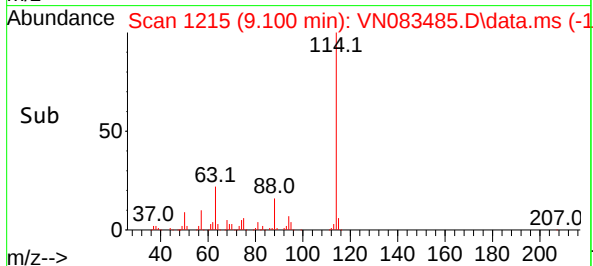
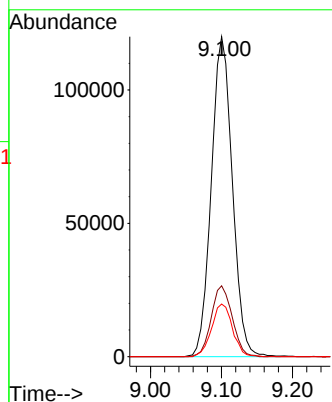
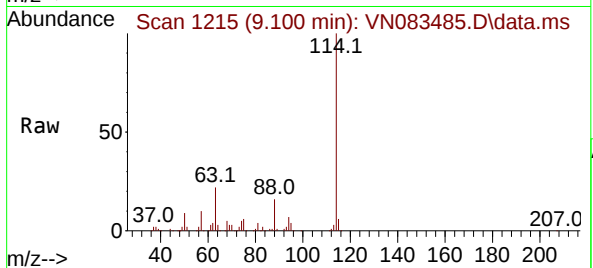
Tgt Ion:114 Resp: 246437

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.6

88 16.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.735 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083485.D

Acq: 26 Aug 2024 16:33

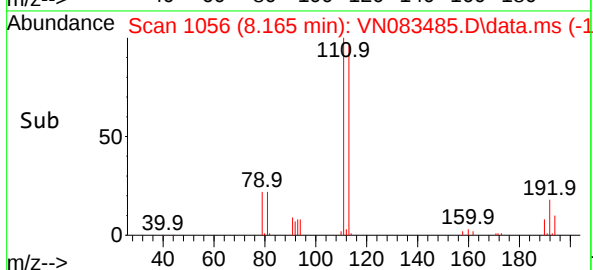
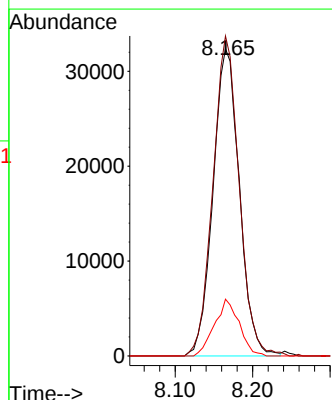
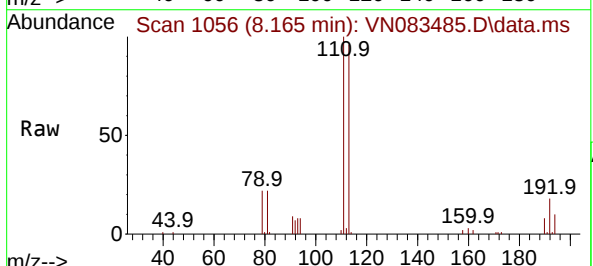
Tgt Ion:113 Resp: 76503

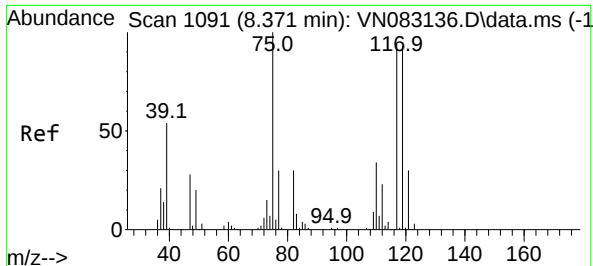
Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

192 17.3 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.769 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

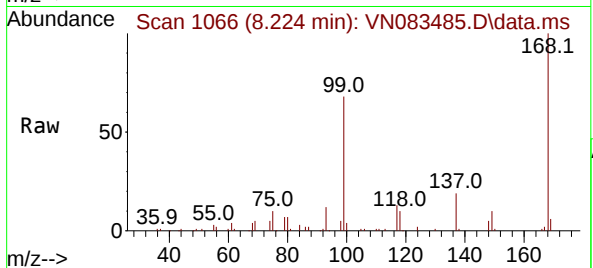
Lab File: VN083485.D

Acq: 26 Aug 2024 16:33

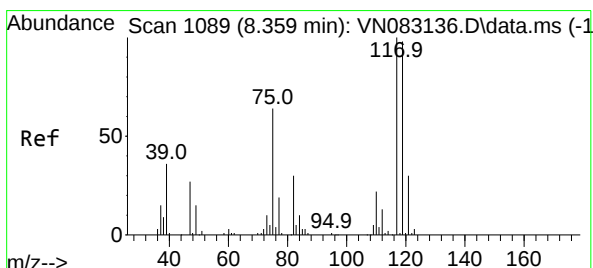
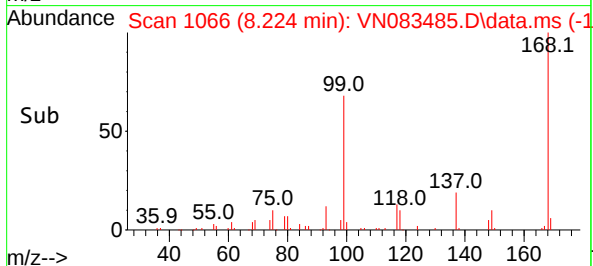
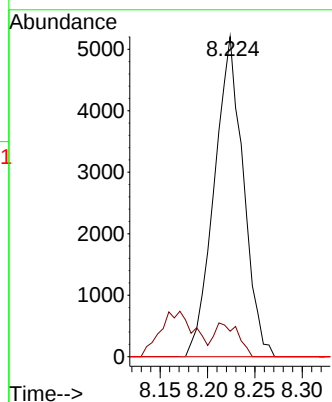
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	11096
Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.338 ug/l

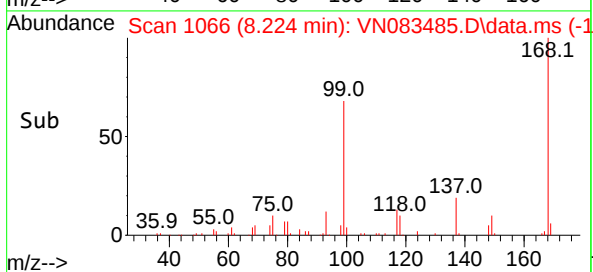
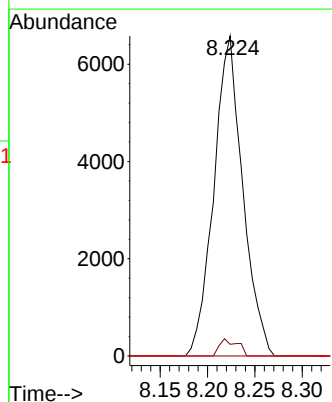
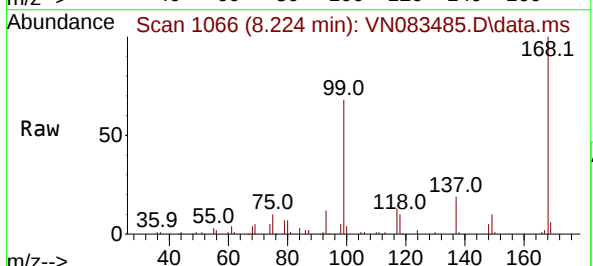
RT: 8.224 min Scan# 1066

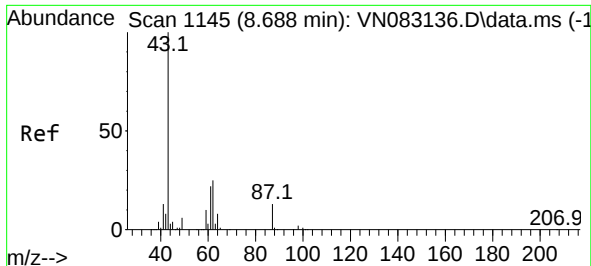
Delta R.T. -0.135 min

Lab File: VN083485.D

Acq: 26 Aug 2024 16:33

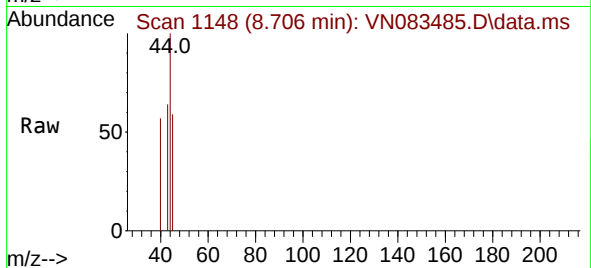
Tgt Ion:	117	Resp:	13990
Ion	Ratio	Lower	Upper
117	100		
119	3.7	74.9	112.3#
121	0.0	24.3	36.5#



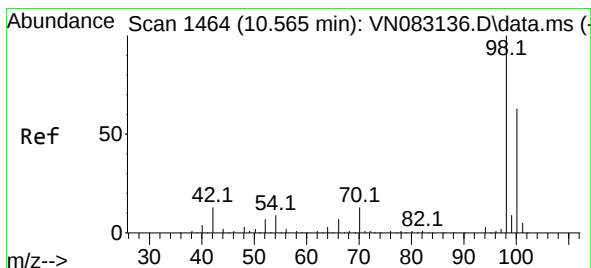
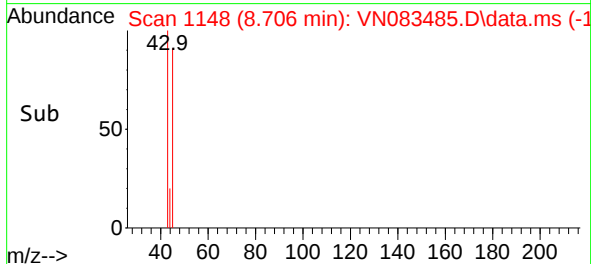
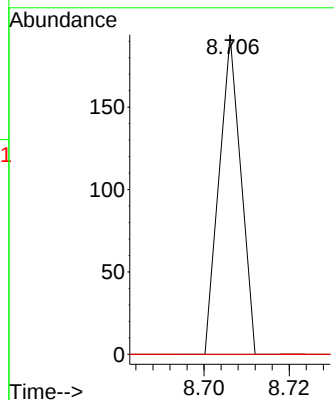


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.706 min Scan# 1145
Delta R.T. 0.018 min
Lab File: VN083485.D
Acq: 26 Aug 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :

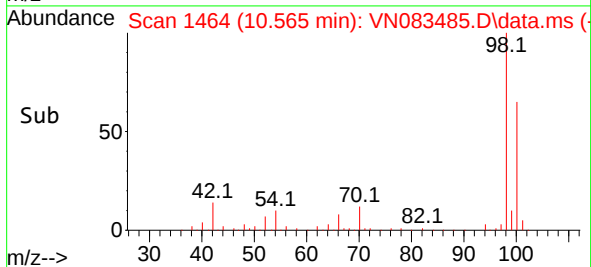
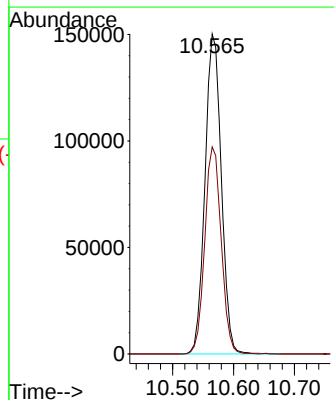
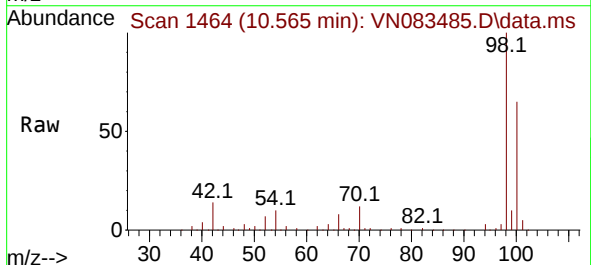


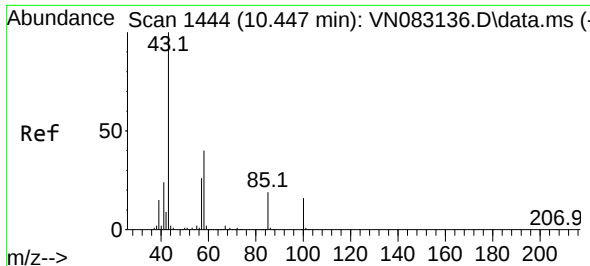
Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 48.739 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083485.D
Acq: 26 Aug 2024 16:33

Tgt Ion: 98 Resp: 279658
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3

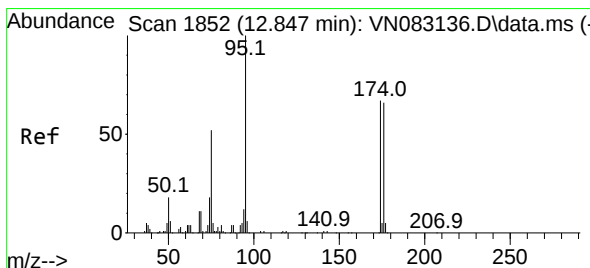
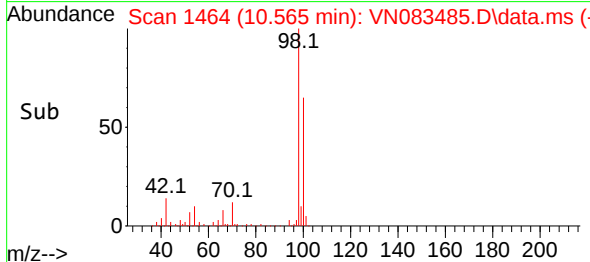
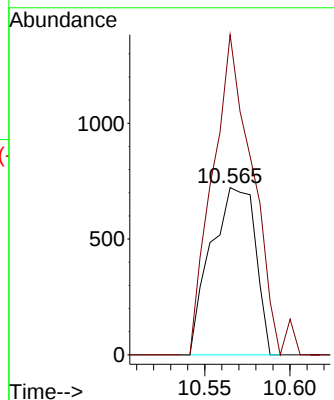
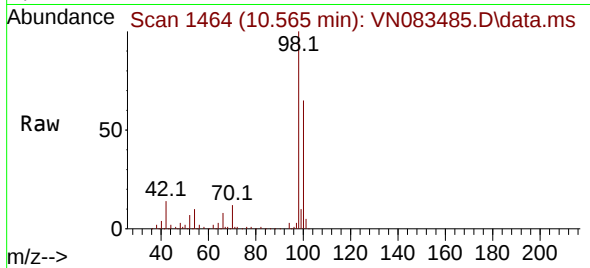




#51
4-Methyl-2-Pentanone
Concen: 0.532 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083485.D
Acq: 26 Aug 2024 16:33

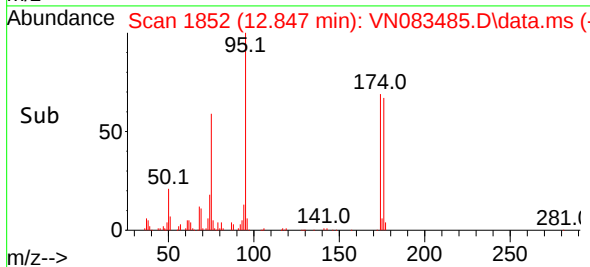
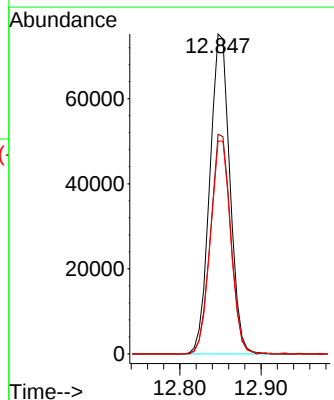
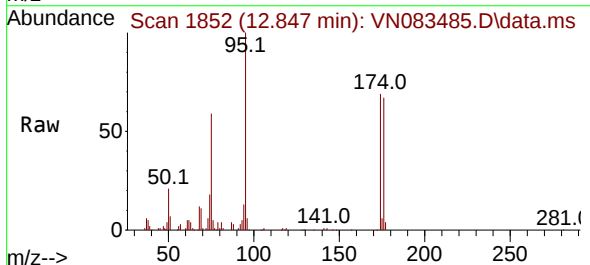
Instrument :
MSVOA_N
ClientSampleId :

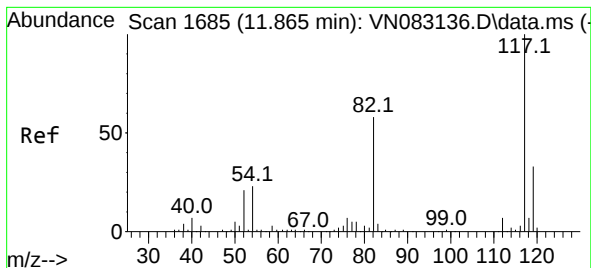
Tgt Ion: 43 Resp: 1310
Ion Ratio Lower Upper
43 100
58 173.6 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 57.719 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083485.D
Acq: 26 Aug 2024 16:33

Tgt Ion: 95 Resp: 129115
Ion Ratio Lower Upper
95 100
174 69.4 0.0 159.2
176 67.3 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083485.D

Acq: 26 Aug 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

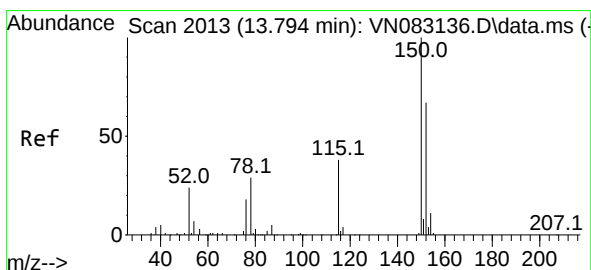
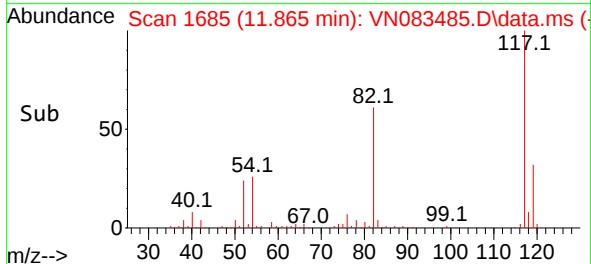
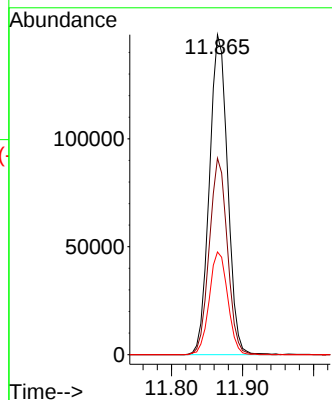
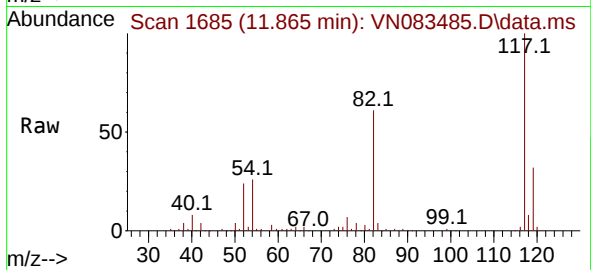
Tgt Ion:117 Resp: 264540

Ion Ratio Lower Upper

117 100

82 61.4 47.5 71.3

119 32.1 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: VN083485.D

Acq: 26 Aug 2024 16:33

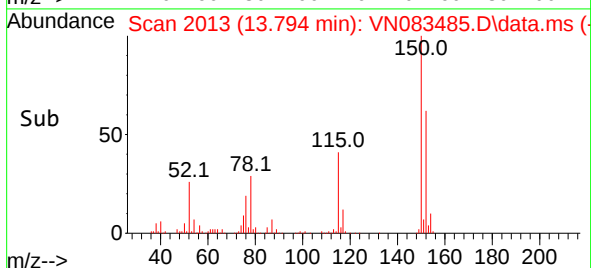
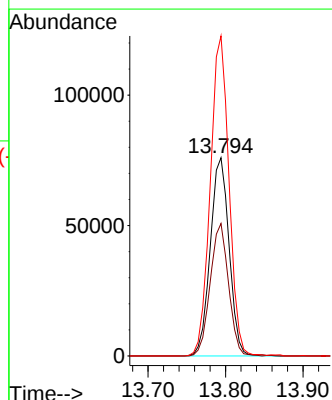
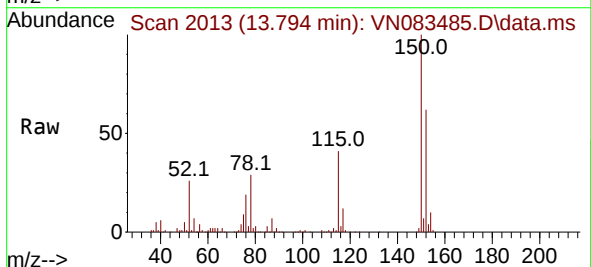
Tgt Ion:152 Resp: 128317

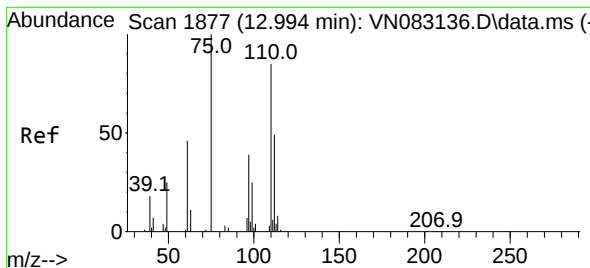
Ion Ratio Lower Upper

152 100

115 64.9 30.6 91.6

150 159.9 0.0 348.6

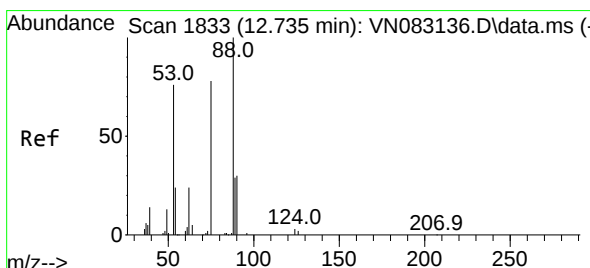
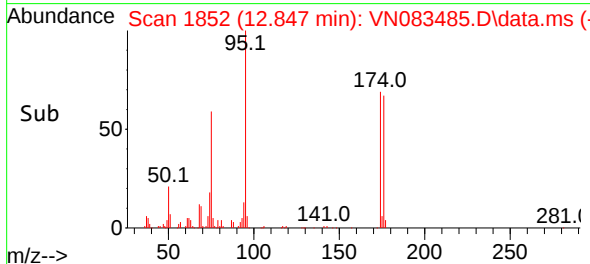
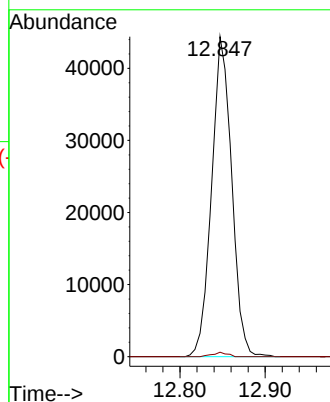
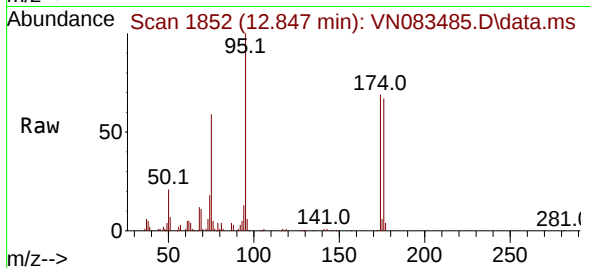




#76
1,2,3-Trichloropropane
Concen: 25.832 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083485.D
Acq: 26 Aug 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 72750
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.192 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083485.D
Acq: 26 Aug 2024 16:33

Tgt Ion: 75 Resp: 72750
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

