

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082624\
 Data File : VN083481.D
 Acq On : 26 Aug 2024 14:56
 Operator : JC\MD
 Sample : P3654-17RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 27 01:56:49 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)

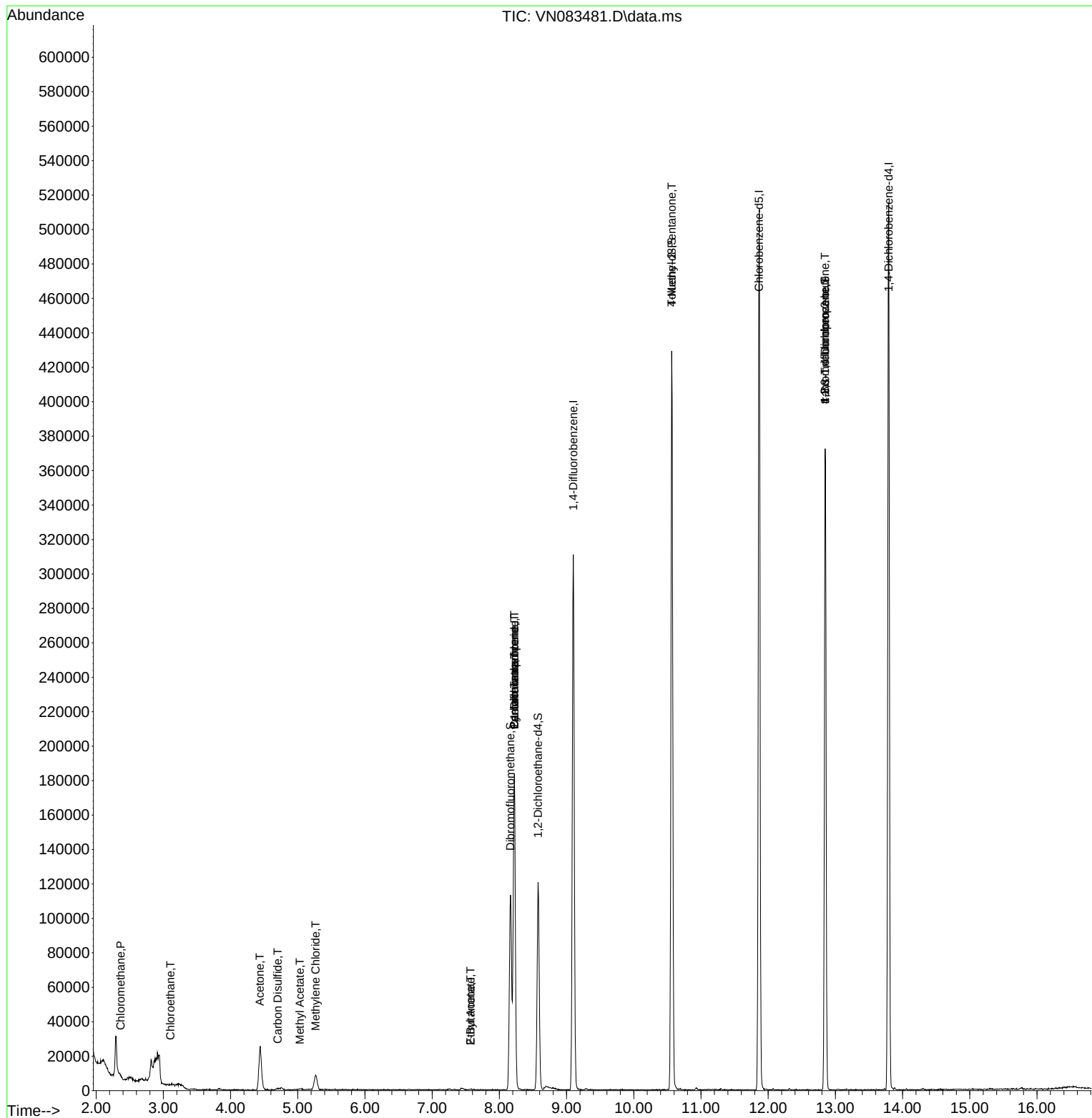
Internal Standards						
1) Pentafluorobenzene	8.224	168	125300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	282981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102492	57.467	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 114.940%		
35) Dibromofluoromethane	8.165	113	81756	50.338	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.680%		
50) Toluene-d8	10.565	98	291876	48.177	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 96.360%		
62) 4-Bromofluorobenzene	12.847	95	131668	55.746	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 111.500%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1433	0.985	ug/l	93
6) Chloroethane	3.106	64	871	0.938	ug/l #	41
16) Acetone	4.436	43	1667	2.389	ug/l #	48
17) Carbon Disulfide	4.700	76	1854	0.456	ug/l #	75
18) Methyl Acetate	5.030	43	963	0.463	ug/l #	56
20) Methylene Chloride	5.265	84	6581	4.097	ug/l #	77
25) 2-Butanone	7.571	43	685	0.639	ug/l #	53
31) Cyclohexane	8.224	56	3302	1.249	ug/l #	23
36) 1,1-Dichloropropene	8.224	75	11701	4.763	ug/l #	51
37) Ethyl Acetate	7.571	43	685	0.249	ug/l #	72
38) Carbon Tetrachloride	8.224	117	14389	5.200	ug/l #	16
43) Isopropyl Acetate	8.688	43	2648	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1434	0.551	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	73891	25.195	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	73891	54.805	ug/l #	6

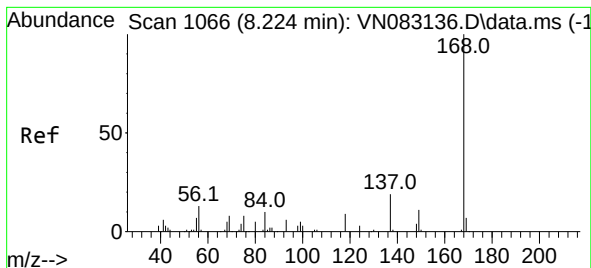
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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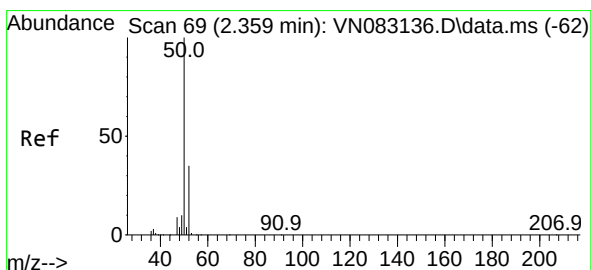
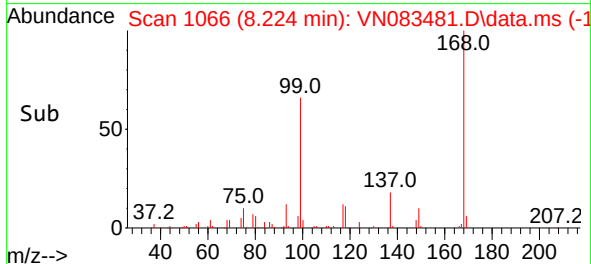
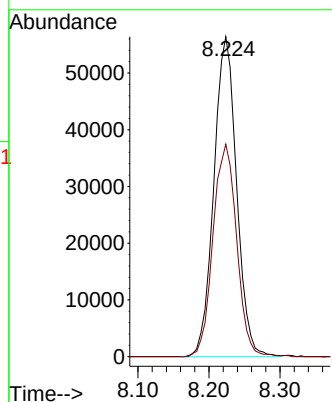
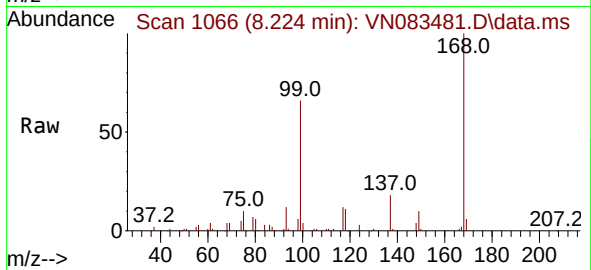




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083481.D
Acq: 26 Aug 2024 14:56

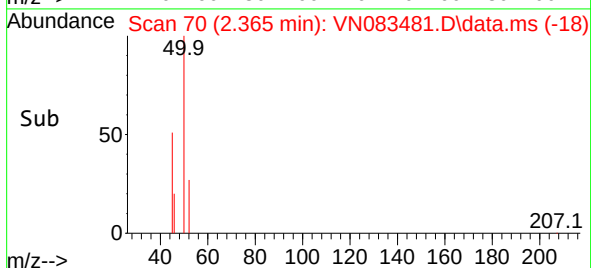
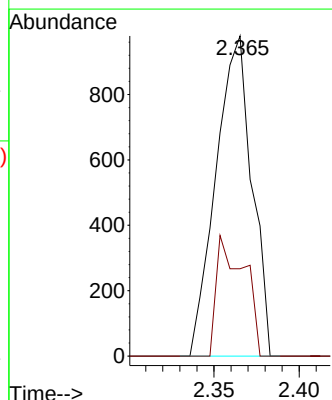
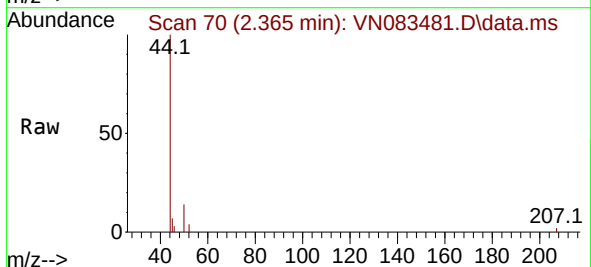
Instrument :
MSVOA_N
ClientSampleId :

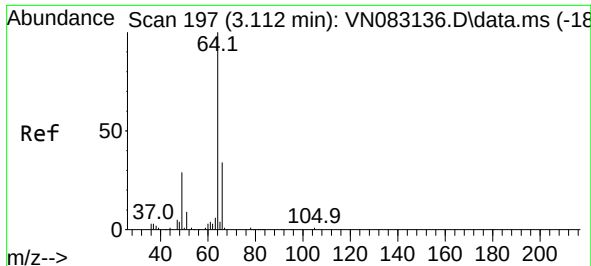
Tgt Ion:168 Resp: 125300
Ion Ratio Lower Upper
168 100
99 66.4 48.2 72.4



#3
Chloromethane
Concen: 0.985 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083481.D
Acq: 26 Aug 2024 14:56

Tgt Ion: 50 Resp: 1433
Ion Ratio Lower Upper
50 100
52 27.3 25.0 37.4

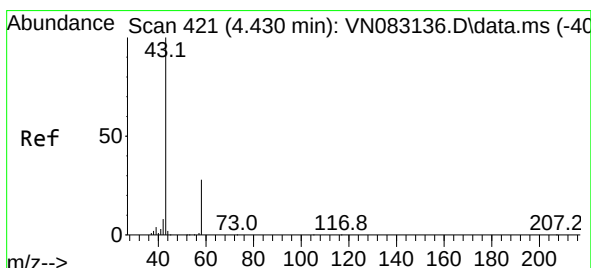
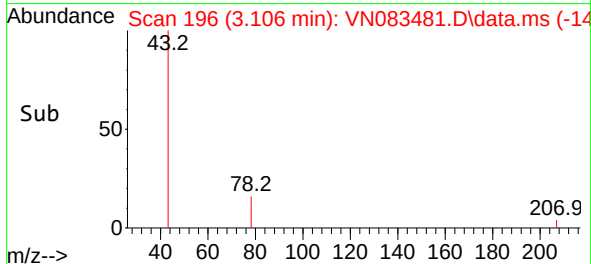
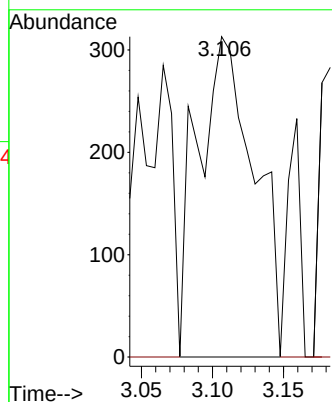
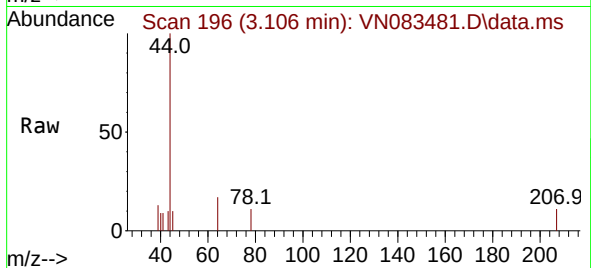




#6
Chloroethane
Concen: 0.938 ug/l
RT: 3.106 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN083481.D
Acq: 26 Aug 2024 14:56

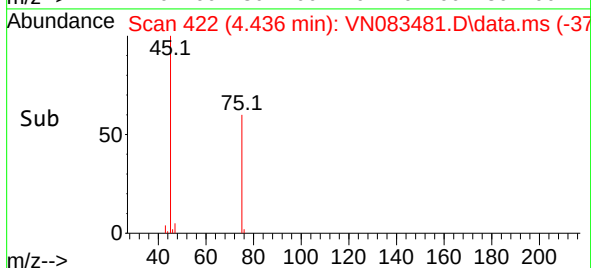
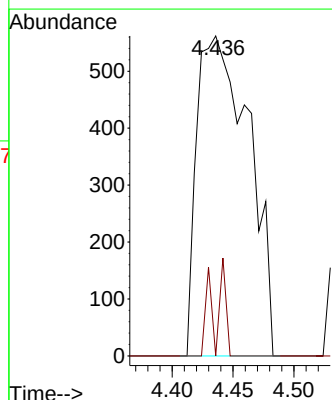
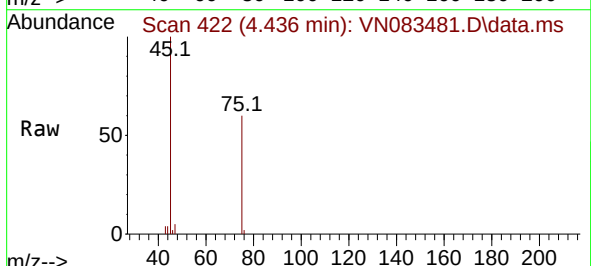
Instrument :
MSVOA_N
ClientSampleId :

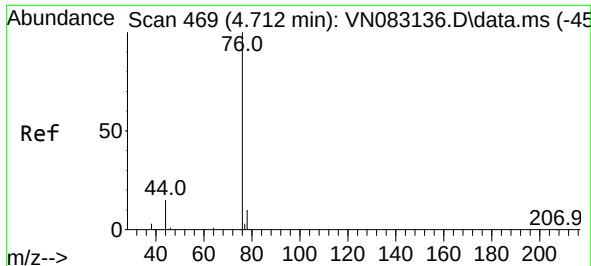
Tgt Ion: 64 Resp: 871
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#16
Acetone
Concen: 2.389 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083481.D
Acq: 26 Aug 2024 14:56

Tgt Ion: 43 Resp: 1667
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#

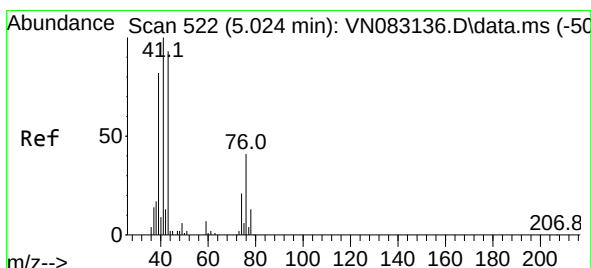
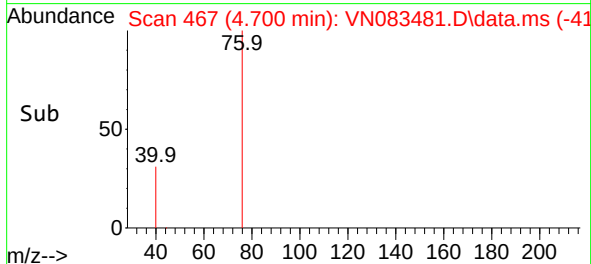
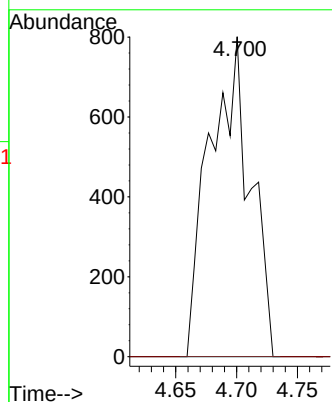
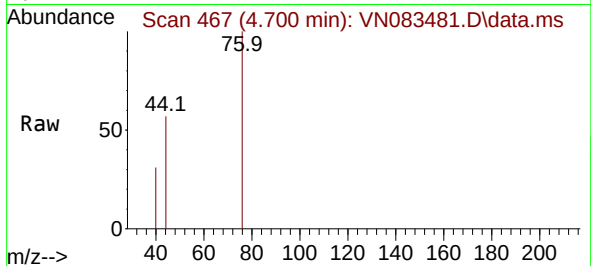




#17
Carbon Disulfide
Concen: 0.456 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN083481.D
Acq: 26 Aug 2024 14:56

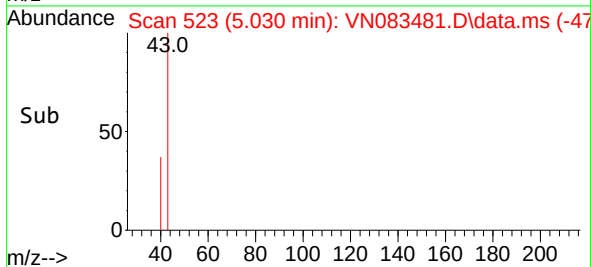
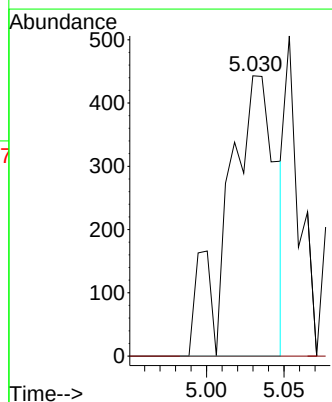
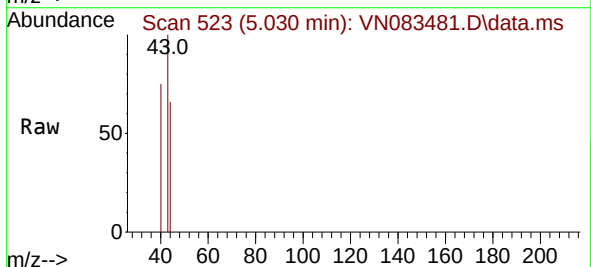
Instrument :
MSVOA_N
ClientSampleId :

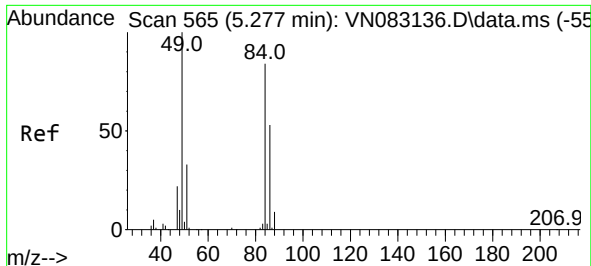
Tgt Ion: 76 Resp: 1854
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.463 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083481.D
Acq: 26 Aug 2024 14:56

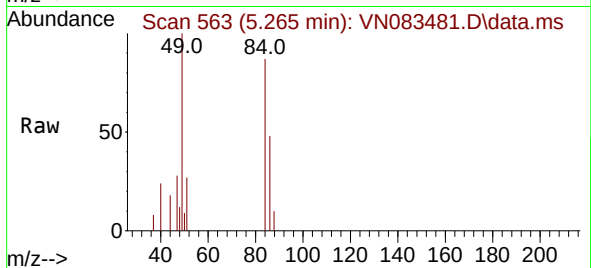
Tgt Ion: 43 Resp: 963
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



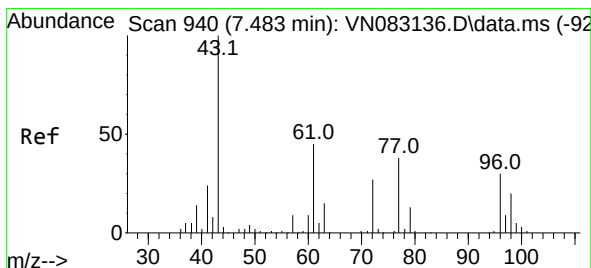
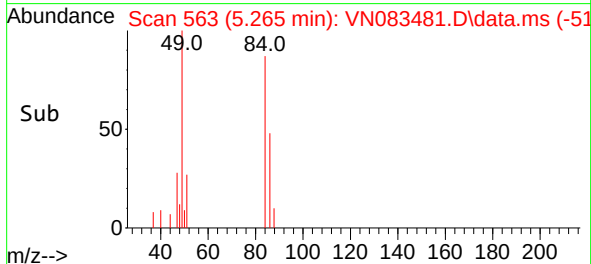
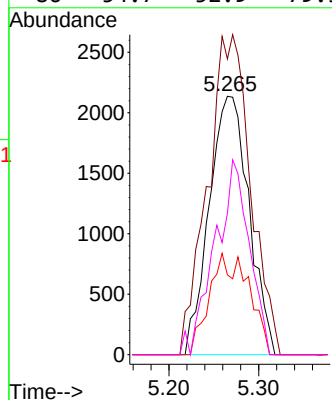


#20
Methylene Chloride
Concen: 4.097 ug/l
RT: 5.265 min Scan# 501
Delta R.T. -0.012 min
Lab File: VN083481.D
Acq: 26 Aug 2024 14:56

Instrument :
MSVOA_N
ClientSampleId :

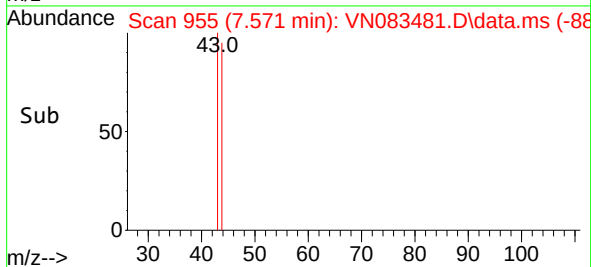
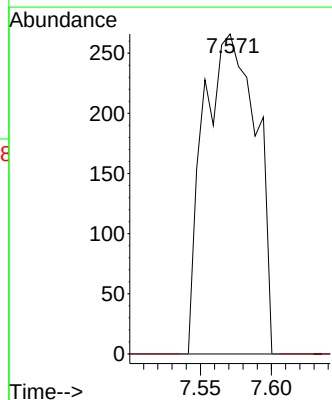
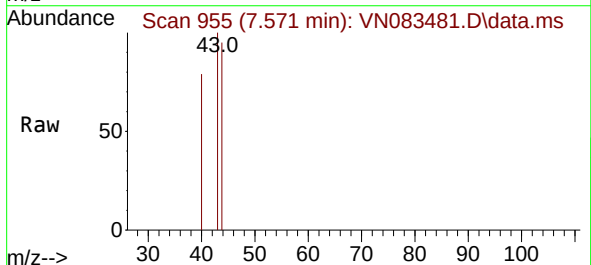


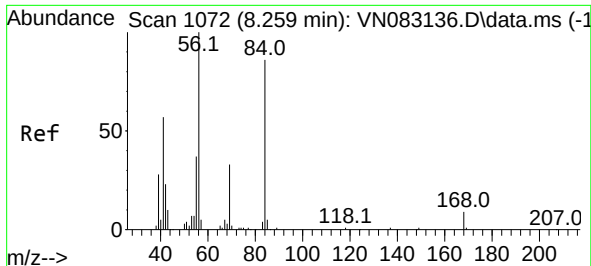
Tgt Ion:	84	Resp:	6581
Ion	Ratio	Lower	Upper
84	100		
49	114.4	119.6	179.4#
51	30.9	34.8	52.2#
86	54.7	52.9	79.3



#25
2-Butanone
Concen: 0.639 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.088 min
Lab File: VN083481.D
Acq: 26 Aug 2024 14:56

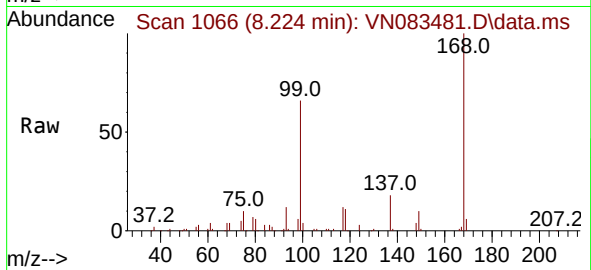
Tgt Ion:	43	Resp:	685
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.2#



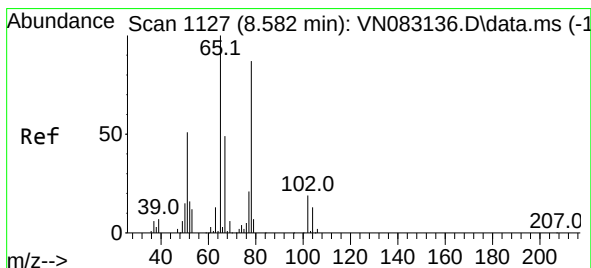
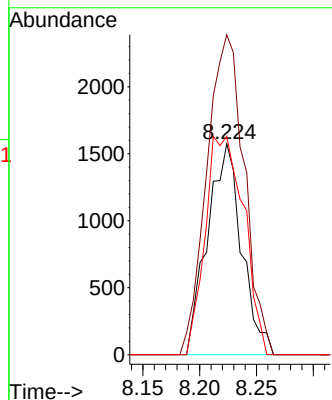
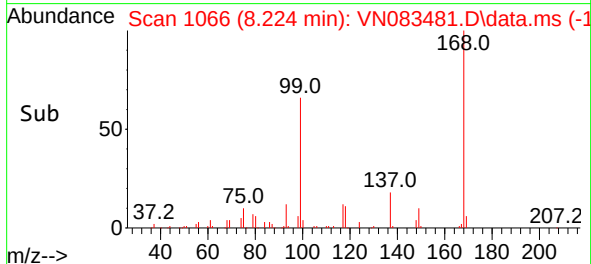


#31
Cyclohexane
Concen: 1.249 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083481.D
Acq: 26 Aug 2024 14:56

Instrument :
MSVOA_N
ClientSampleId :

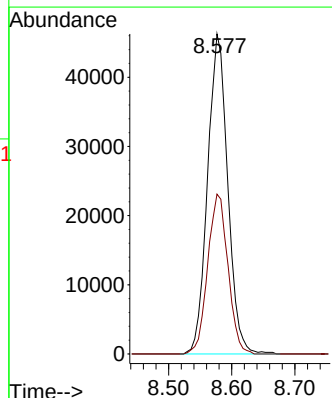
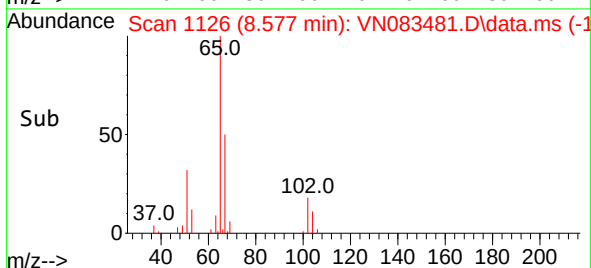
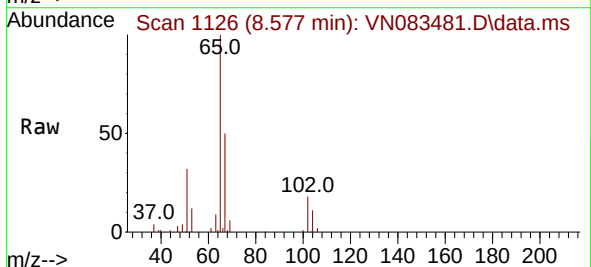


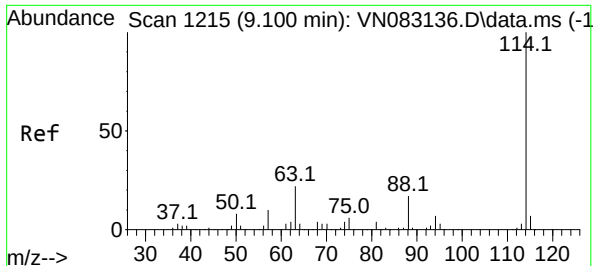
Tgt Ion: 56 Resp: 3302
Ion Ratio Lower Upper
56 100
69 151.8 24.5 36.7#
84 103.6 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 57.467 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083481.D
Acq: 26 Aug 2024 14:56

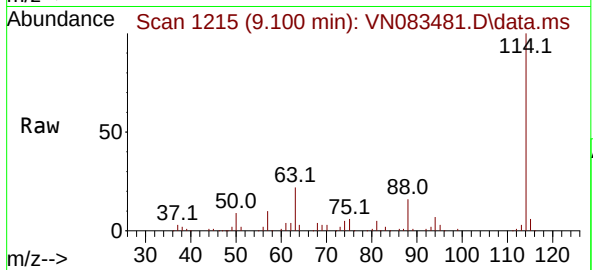
Tgt Ion: 65 Resp: 102492
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.4



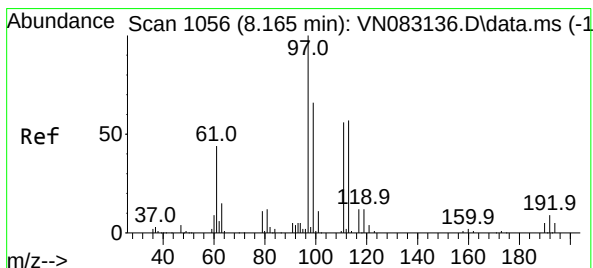
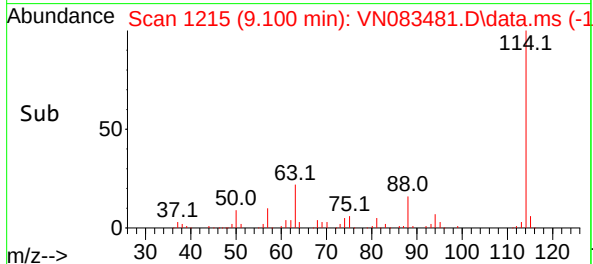
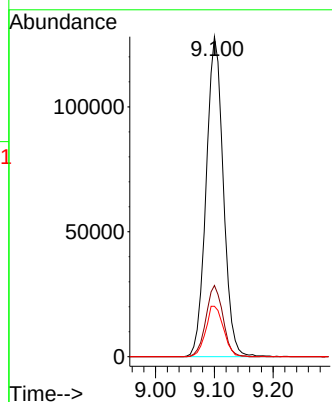


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN083481.D
Acq: 26 Aug 2024 14:56

Instrument :
MSVOA_N
ClientSampleId :

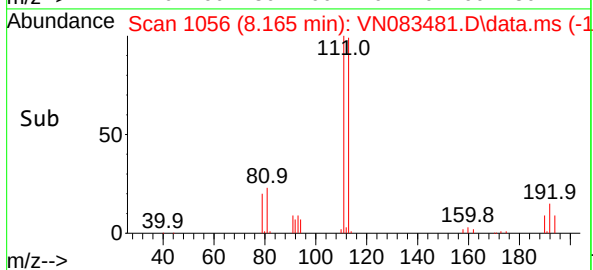
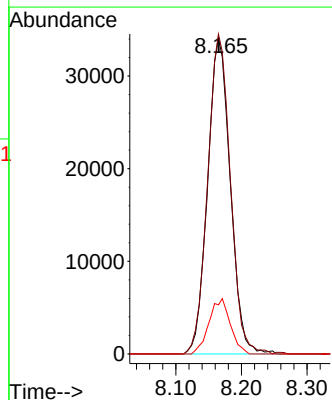
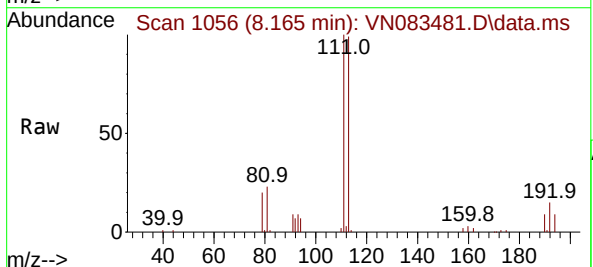


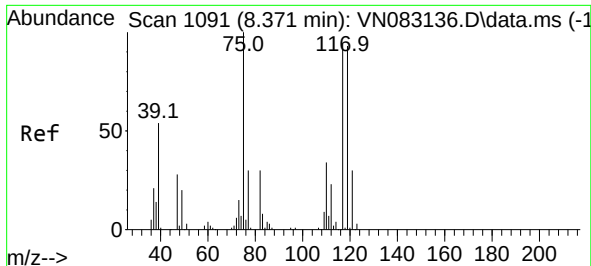
Tgt Ion:114 Resp: 260206
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.6
88 15.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.338 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083481.D
Acq: 26 Aug 2024 14:56

Tgt Ion:113 Resp: 81756
Ion Ratio Lower Upper
113 100
111 101.4 82.4 123.6
192 16.5 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.763 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

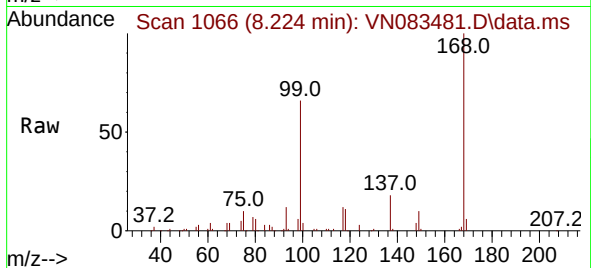
Lab File: VN083481.D

Acq: 26 Aug 2024 14:56

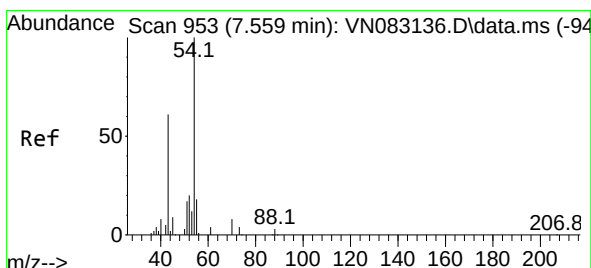
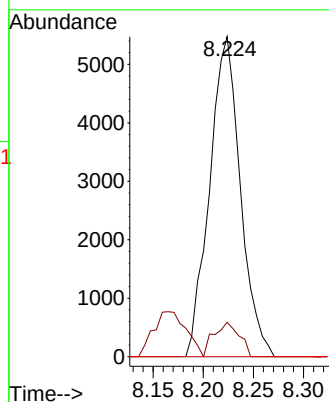
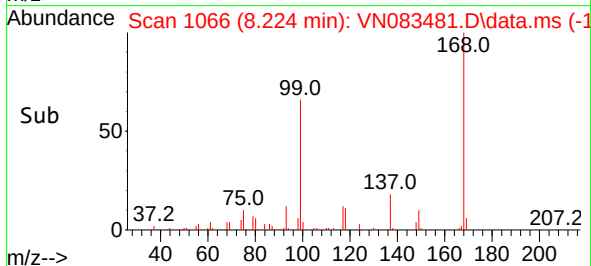
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	11701
Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.3	48.9#
77	0.0	24.6	37.0#



#37

Ethyl Acetate

Concen: 0.249 ug/l

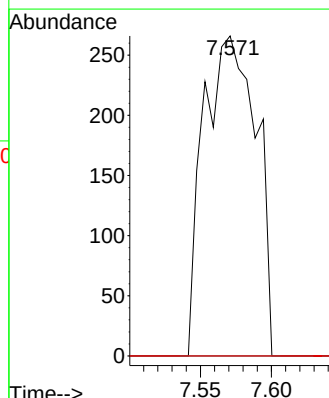
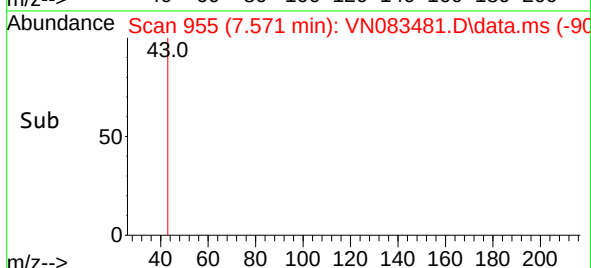
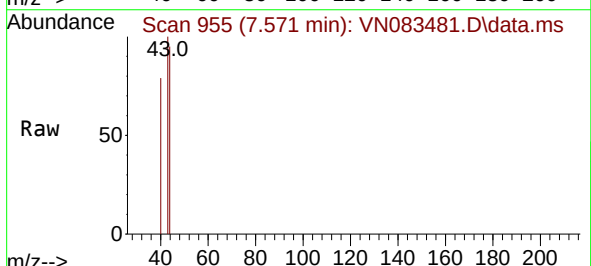
RT: 7.571 min Scan# 955

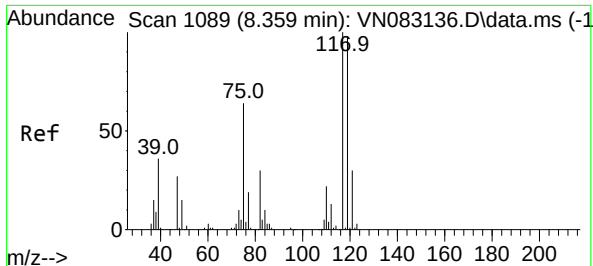
Delta R.T. 0.012 min

Lab File: VN083481.D

Acq: 26 Aug 2024 14:56

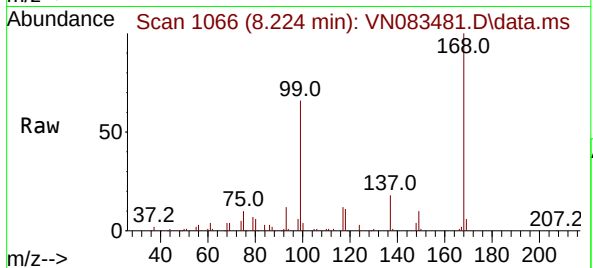
Tgt Ion:	43	Resp:	685
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.3	13.9#
70	0.0	7.0	10.6#



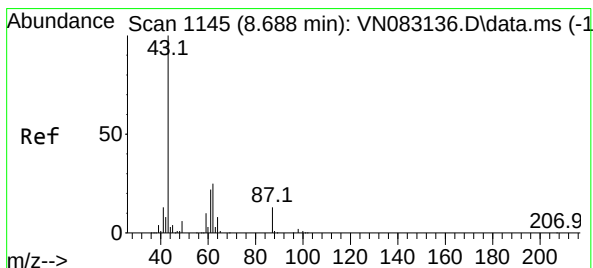
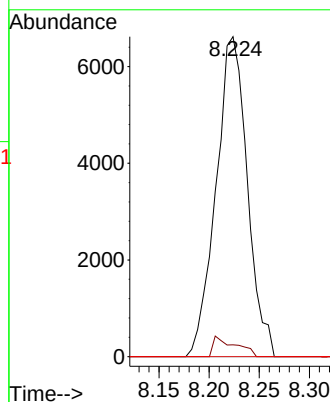
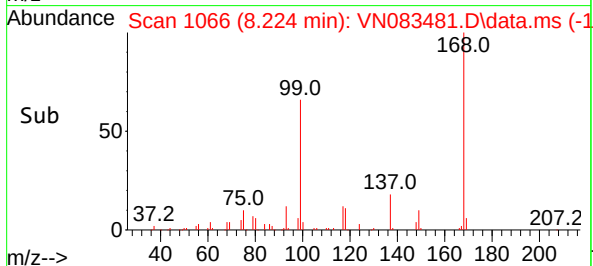


#38
Carbon Tetrachloride
Concen: 5.200 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083481.D
Acq: 26 Aug 2024 14:56

Instrument :
MSVOA_N
ClientSampleId :

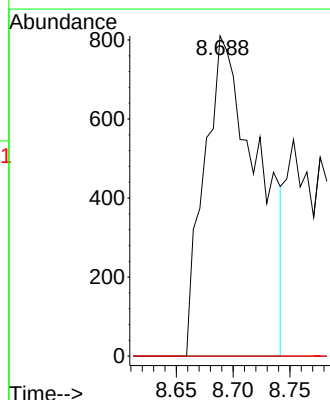
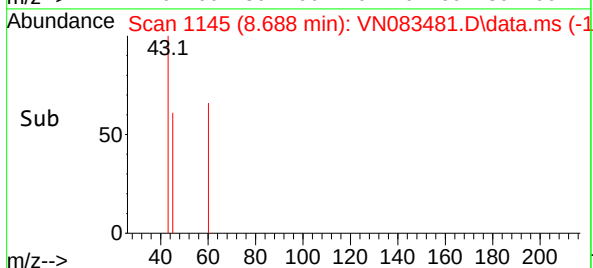
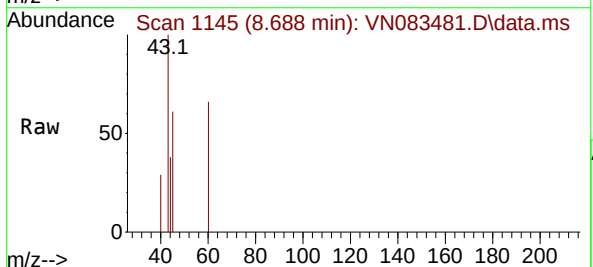


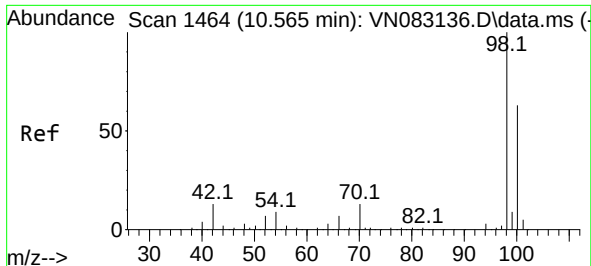
Tgt Ion:117 Resp: 14389
Ion Ratio Lower Upper
117 100
119 3.7 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083481.D
Acq: 26 Aug 2024 14:56

Tgt Ion: 43 Resp: 2648
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

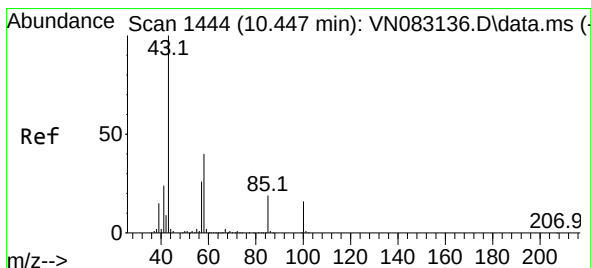
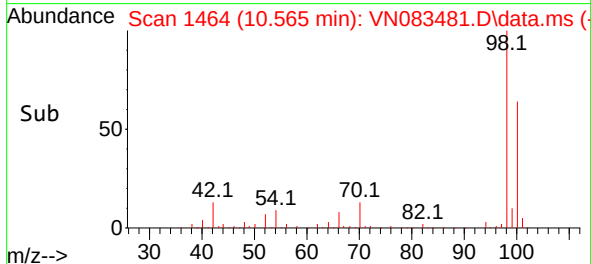
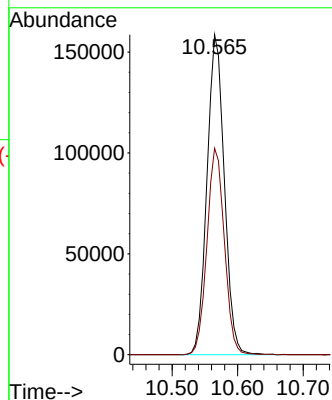
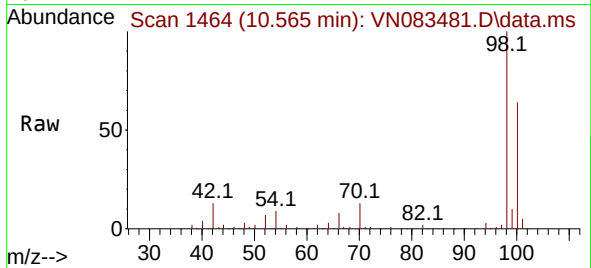




#50
Toluene-d8
Concen: 48.177 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083481.D
Acq: 26 Aug 2024 14:56

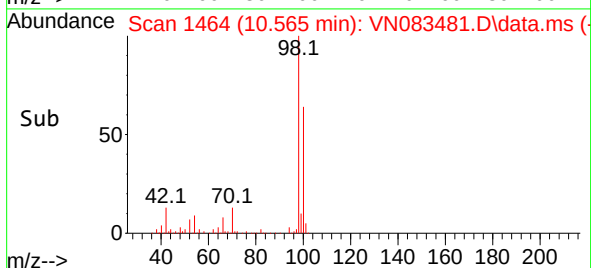
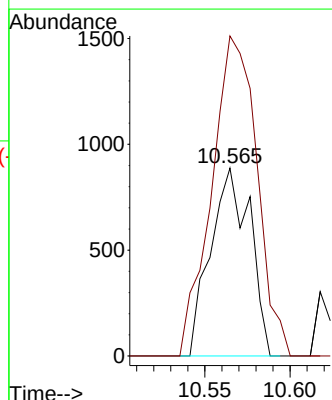
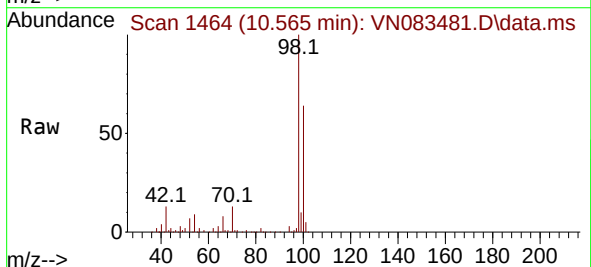
Instrument :
MSVOA_N
ClientSampleId :

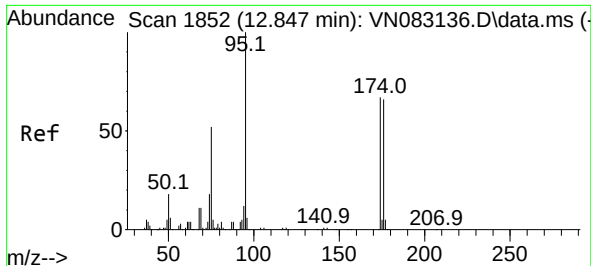
Tgt Ion: 98 Resp: 291876
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.551 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083481.D
Acq: 26 Aug 2024 14:56

Tgt Ion: 43 Resp: 1434
Ion Ratio Lower Upper
43 100
58 195.3 28.2 42.4#

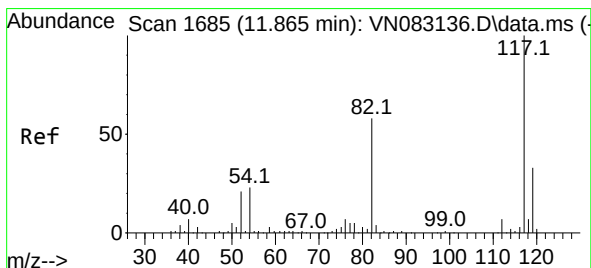
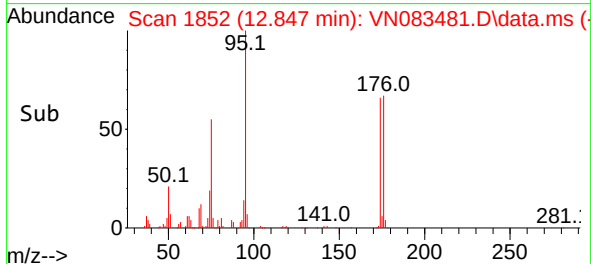
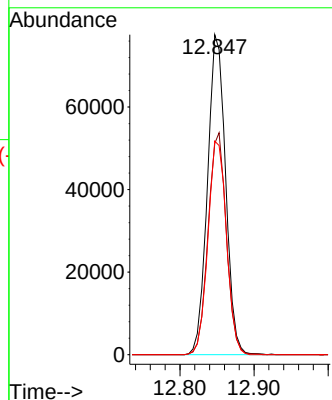
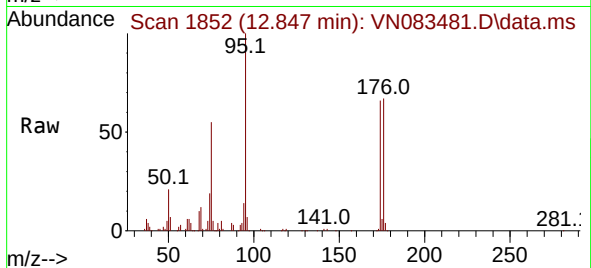




#62
4-Bromofluorobenzene
Concen: 55.746 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083481.D
Acq: 26 Aug 2024 14:56

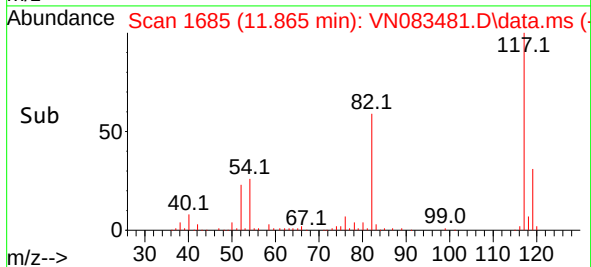
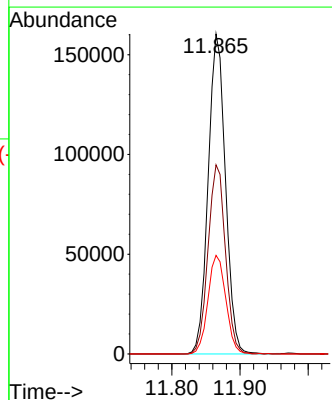
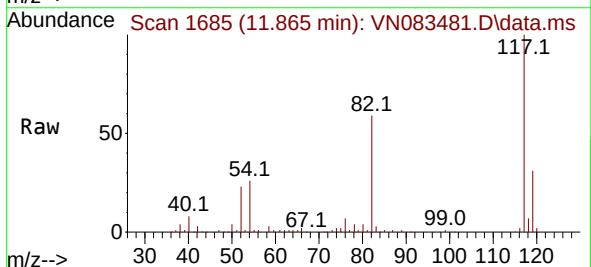
Instrument :
MSVOA_N
ClientSampleId :

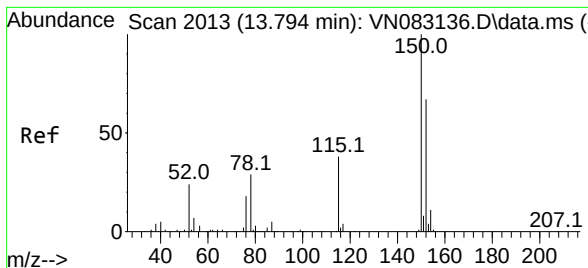
Tgt Ion: 95 Resp: 131668
Ion Ratio Lower Upper
95 100
174 69.7 0.0 159.2
176 68.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083481.D
Acq: 26 Aug 2024 14:56

Tgt Ion: 117 Resp: 282981
Ion Ratio Lower Upper
117 100
82 59.1 47.5 71.3
119 30.8 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: VN083481.D

Acq: 26 Aug 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

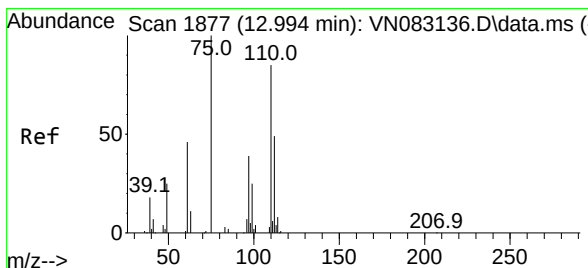
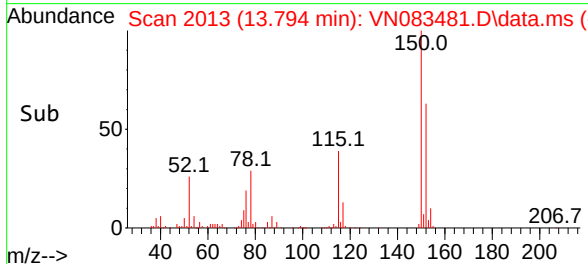
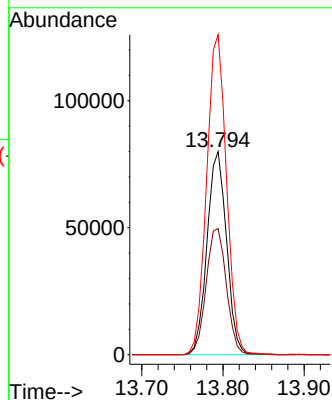
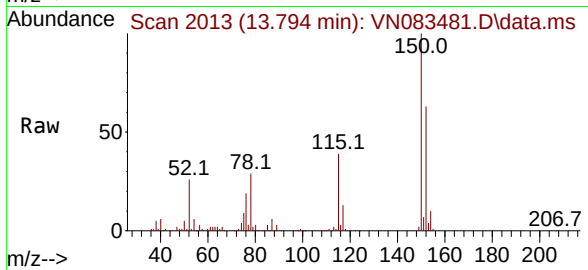
Tgt Ion:152 Resp: 133626

Ion Ratio Lower Upper

152 100

115 64.4 30.6 91.6

150 159.9 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 25.195 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083481.D

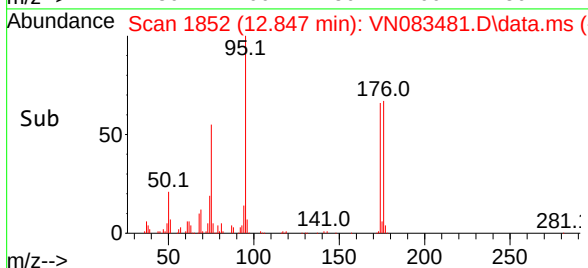
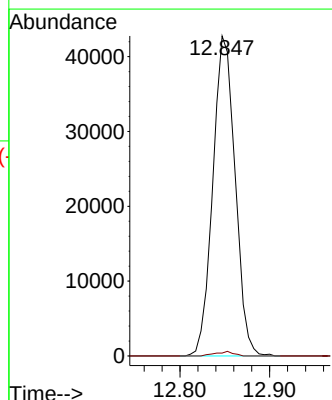
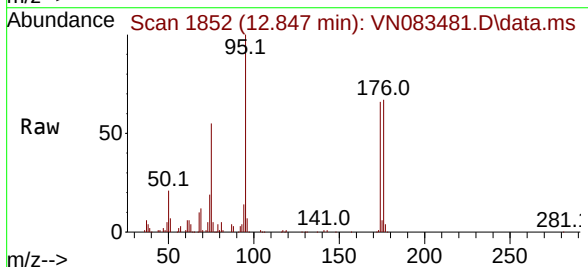
Acq: 26 Aug 2024 14:56

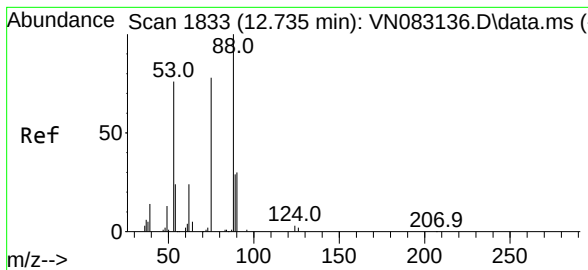
Tgt Ion: 75 Resp: 73891

Ion Ratio Lower Upper

75 100

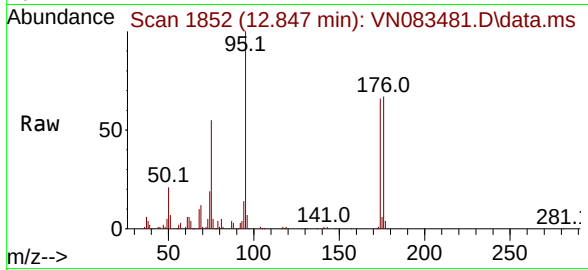
77 1.1 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.805 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083481.D
 Acq: 26 Aug 2024 14:56

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 73891
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

