

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082624\
 Data File : VN083480.D
 Acq On : 26 Aug 2024 14:32
 Operator : JC\MD
 Sample : P3654-15RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 27 01:56:24 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	128449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	263787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	280321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136049	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102297	55.951	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.900%
35) Dibromofluoromethane	8.165	113	81479	49.486	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.980%
50) Toluene-d8	10.565	98	295087	48.045	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.100%
62) 4-Bromofluorobenzene	12.847	95	133760	55.863	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	111.720%

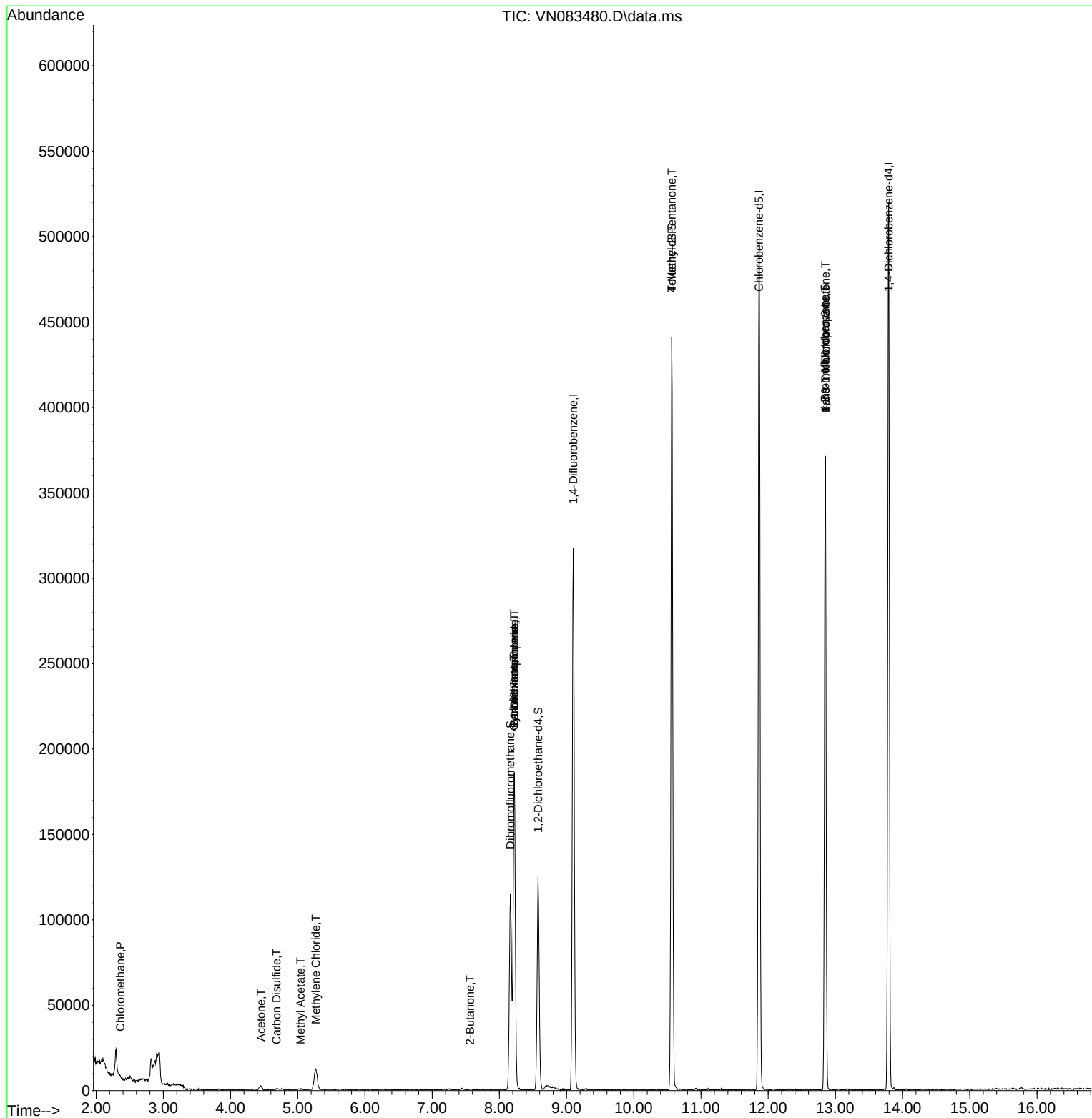
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	928	0.622	ug/l #	81
16) Acetone	4.453	43	1563	2.185	ug/l #	48
17) Carbon Disulfide	4.683	76	1748	0.420	ug/l #	75
18) Methyl Acetate	5.041	43	1319	0.619	ug/l #	56
20) Methylene Chloride	5.271	84	10266	6.235	ug/l	84
25) 2-Butanone	7.565	43	426	0.388	ug/l #	53
31) Cyclohexane	8.218	56	3488	1.287	ug/l #	25
36) 1,1-Dichloropropene	8.224	75	11841	4.754	ug/l #	52
38) Carbon Tetrachloride	8.224	117	14514	5.174	ug/l #	16
43) Isopropyl Acetate	8.706	43	1929	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1405	0.533	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	73088	24.477	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	73088	53.244	ug/l #	6

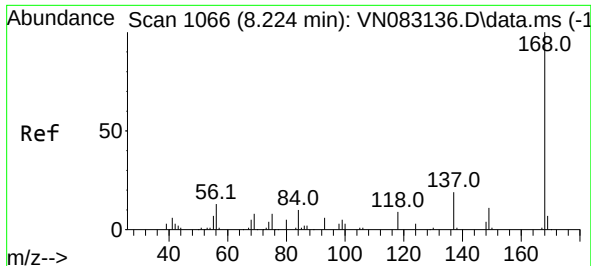
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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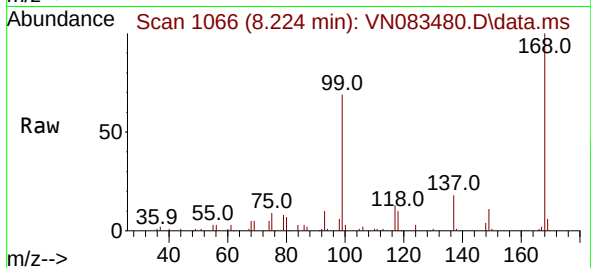
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



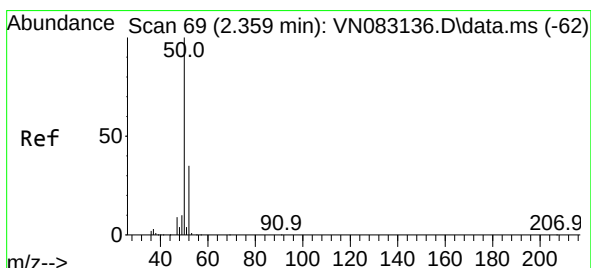
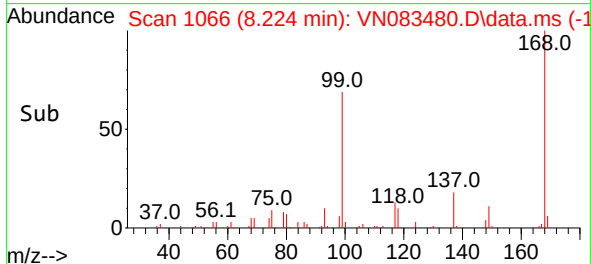
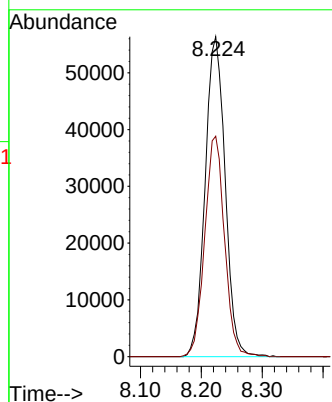


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083480.D
Acq: 26 Aug 2024 14:32

Instrument :
MSVOA_N
ClientSampleId :

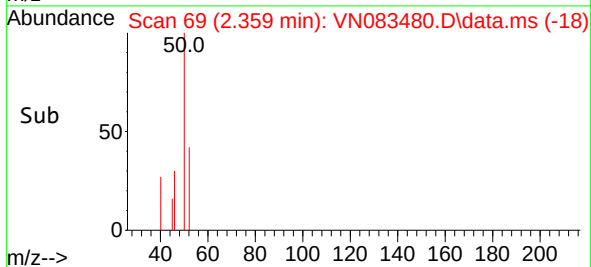
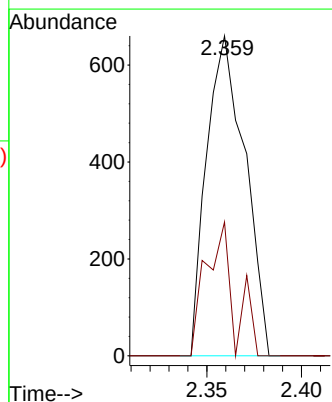
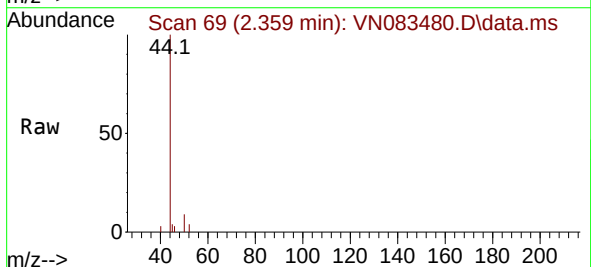


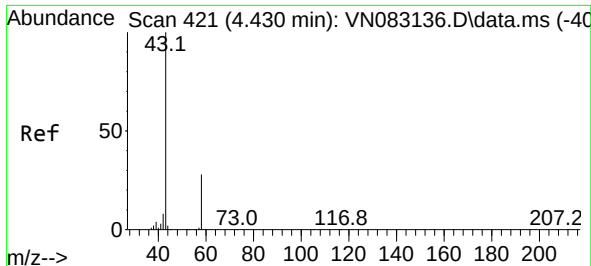
Tgt Ion:168 Resp: 128449
Ion Ratio Lower Upper
168 100
99 68.9 48.2 72.4



#3
Chloromethane
Concen: 0.622 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083480.D
Acq: 26 Aug 2024 14:32

Tgt Ion: 50 Resp: 928
Ion Ratio Lower Upper
50 100
52 41.8 25.0 37.4#

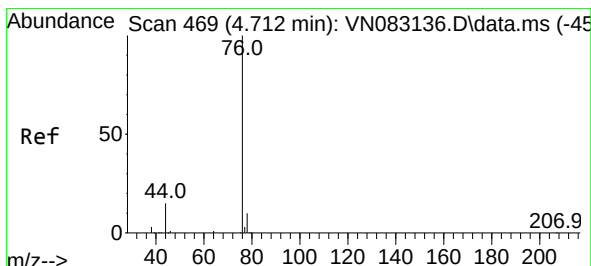
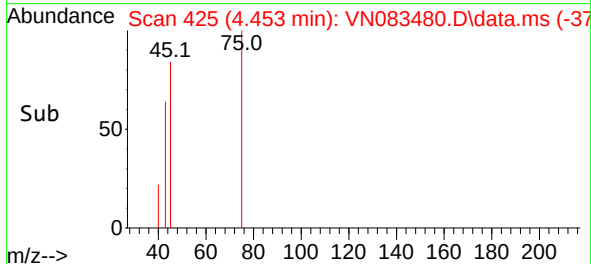
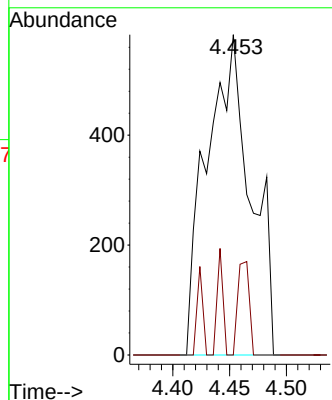
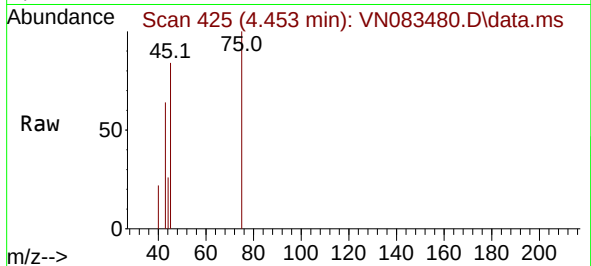




#16
Acetone
Concen: 2.185 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN083480.D
Acq: 26 Aug 2024 14:32

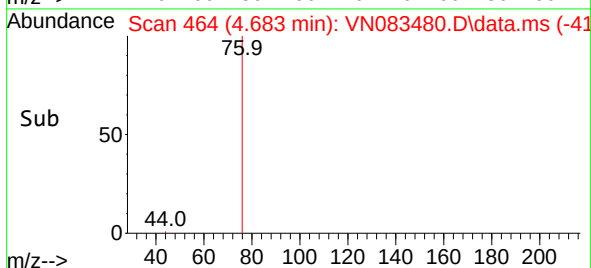
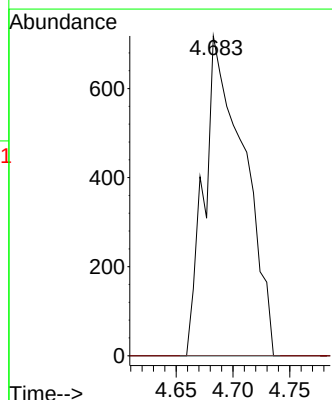
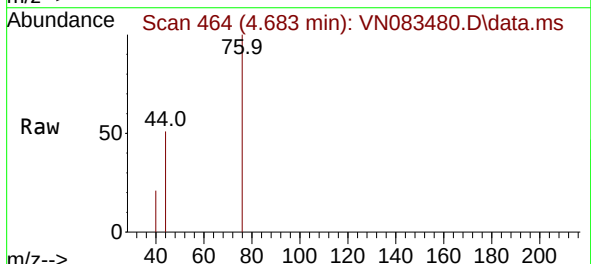
Instrument :
MSVOA_N
ClientSampleId :

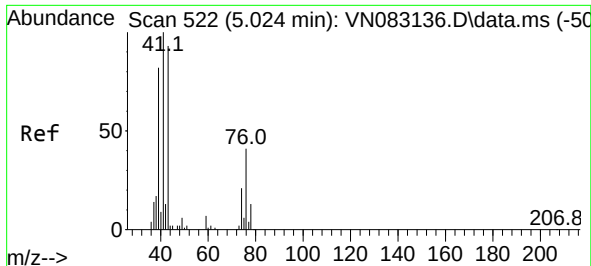
Tgt Ion: 43 Resp: 1563
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.420 ug/l
RT: 4.683 min Scan# 464
Delta R.T. -0.029 min
Lab File: VN083480.D
Acq: 26 Aug 2024 14:32

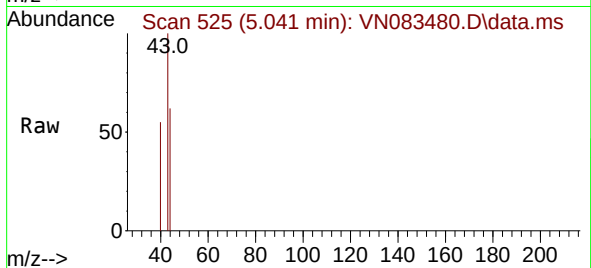
Tgt Ion: 76 Resp: 1748
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



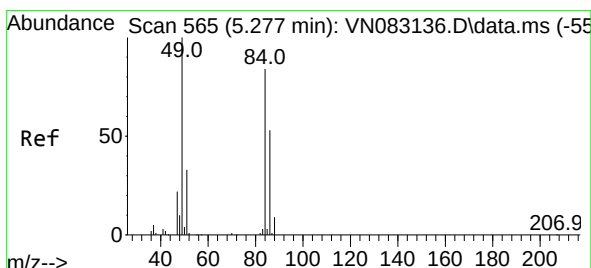
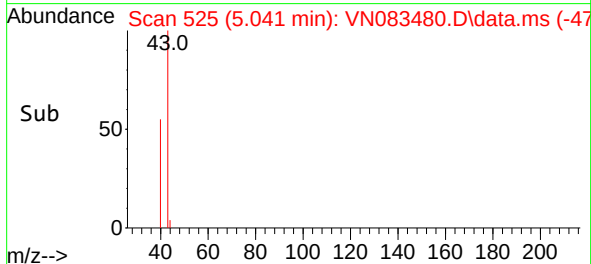
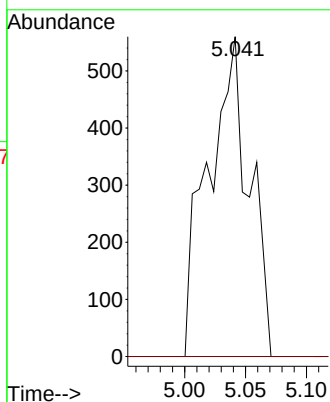


#18
Methyl Acetate
Concen: 0.619 ug/l
RT: 5.041 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN083480.D
Acq: 26 Aug 2024 14:32

Instrument :
MSVOA_N
ClientSampleId :

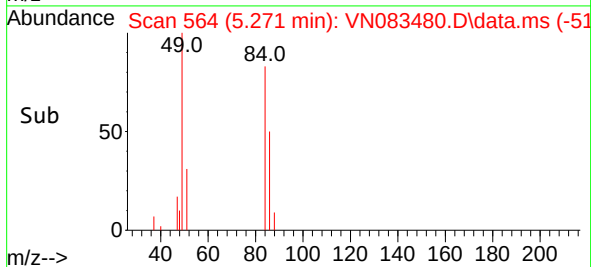
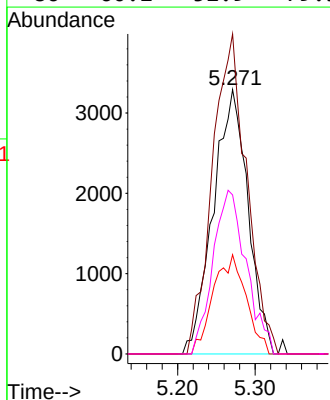
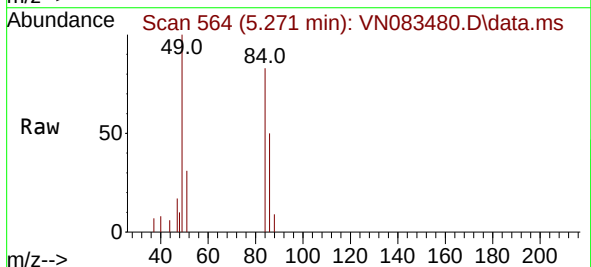


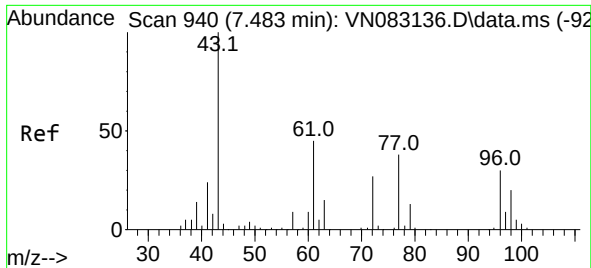
Tgt Ion: 43 Resp: 1319
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#20
Methylene Chloride
Concen: 6.235 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN083480.D
Acq: 26 Aug 2024 14:32

Tgt Ion: 84 Resp: 10266
Ion Ratio Lower Upper
84 100
49 121.1 119.6 179.4
51 37.6 34.8 52.2
86 60.2 52.9 79.3

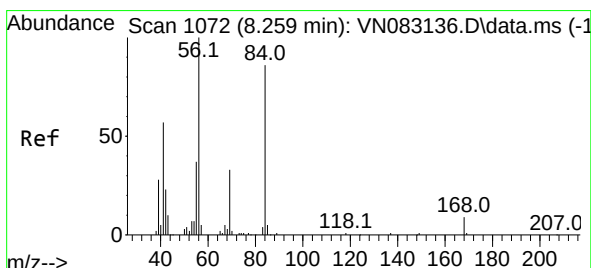
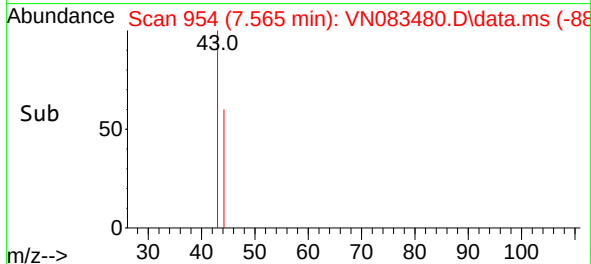
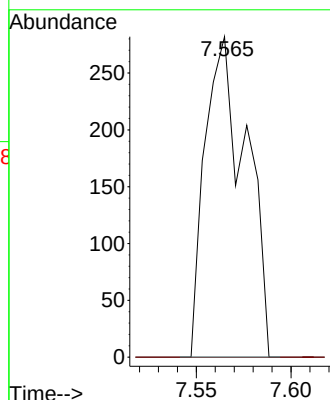
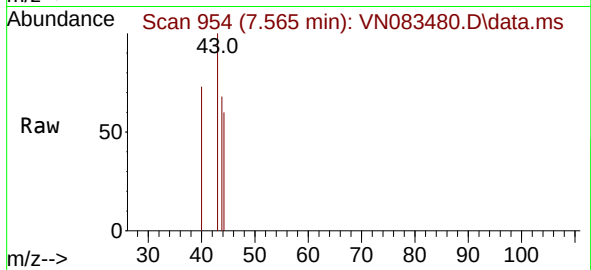




#25
2-Butanone
Concen: 0.388 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.082 min
Lab File: VN083480.D
Acq: 26 Aug 2024 14:32

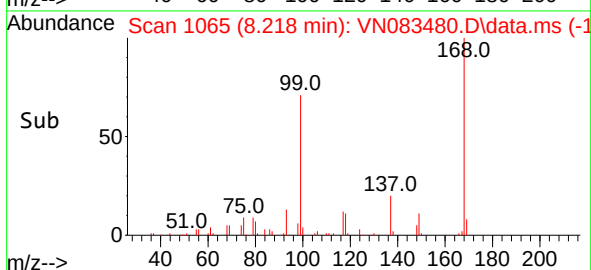
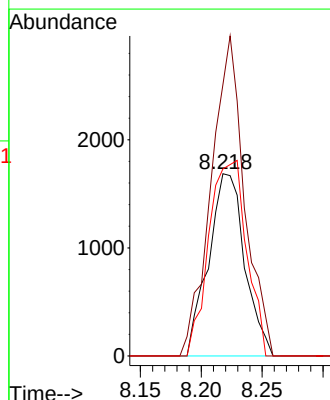
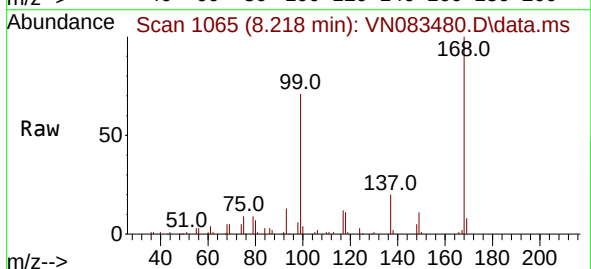
Instrument :
MSVOA_N
ClientSampleId :

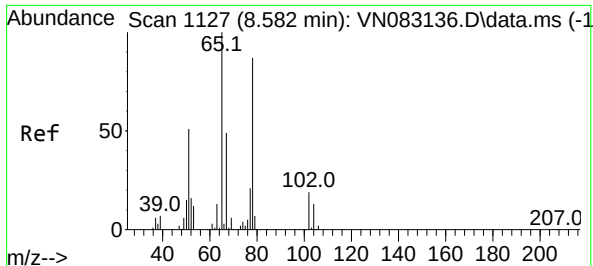
Tgt Ion: 43 Resp: 426
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



#31
Cyclohexane
Concen: 1.287 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083480.D
Acq: 26 Aug 2024 14:32

Tgt Ion: 56 Resp: 3488
Ion Ratio Lower Upper
56 100
69 148.9 24.5 36.7#
84 102.6 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 55.951 ug/l

RT: 8.577 min Scan# 1127

Delta R.T. -0.005 min

Lab File: VN083480.D

Acq: 26 Aug 2024 14:32

Instrument :

MSVOA_N

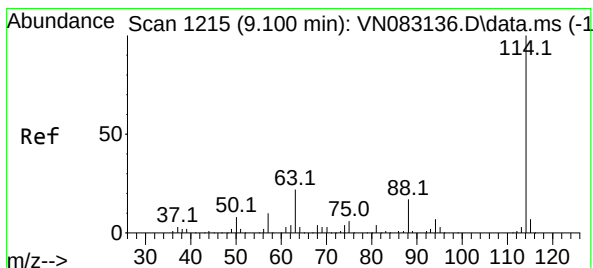
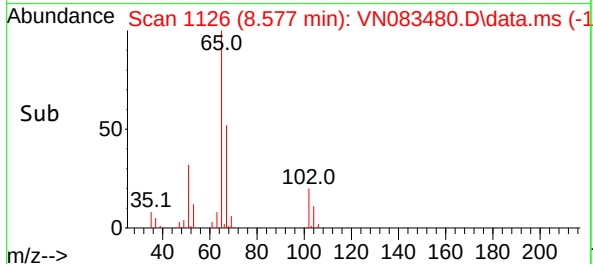
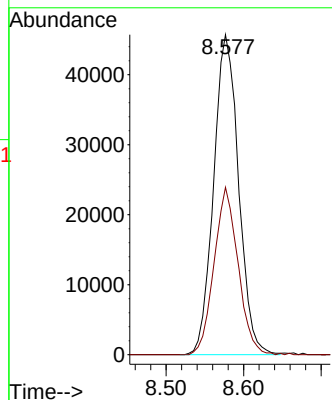
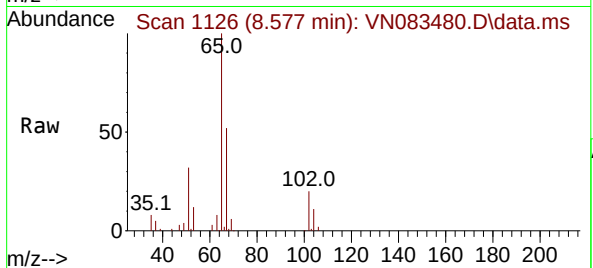
ClientSampleId :

Tgt Ion: 65 Resp: 102297

Ion Ratio Lower Upper

65 100

67 50.3 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: VN083480.D

Acq: 26 Aug 2024 14:32

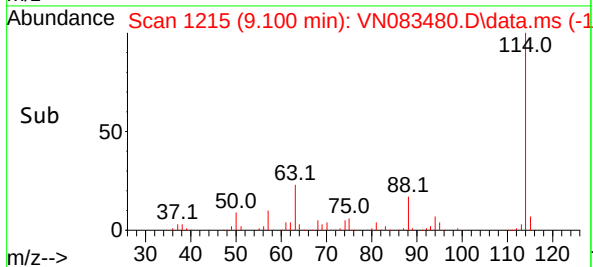
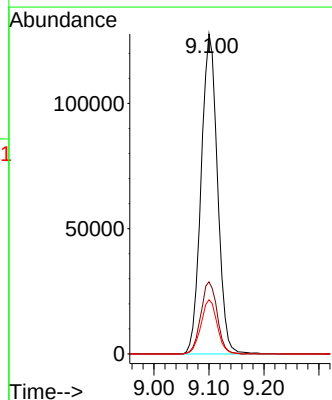
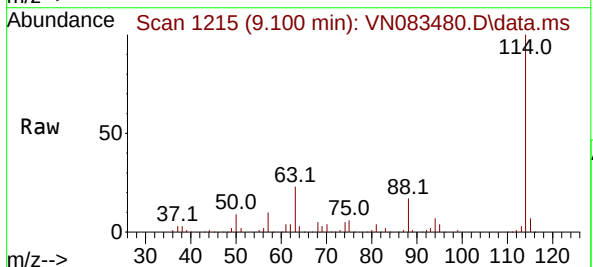
Tgt Ion: 114 Resp: 263787

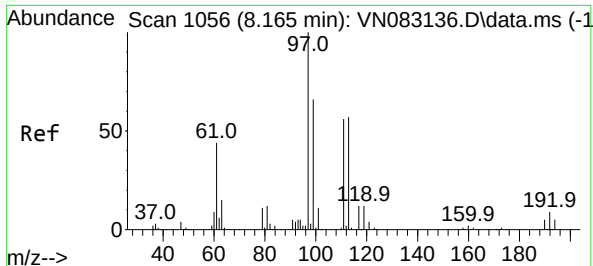
Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.6

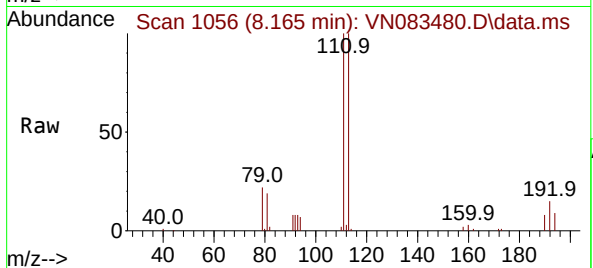
88 16.9 0.0 31.4



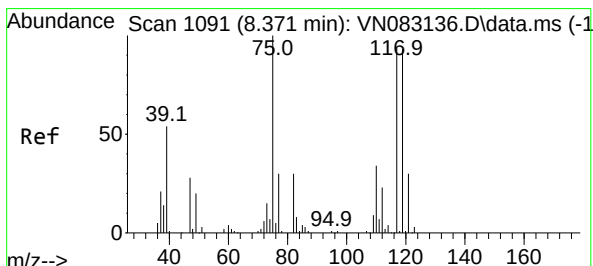
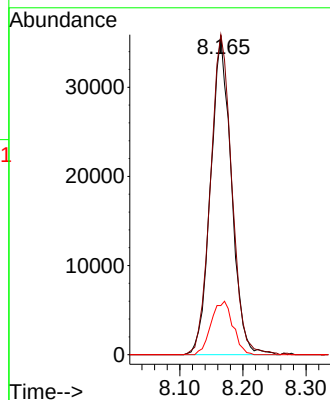
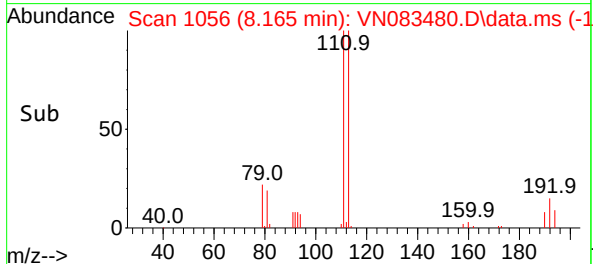


#35
Dibromofluoromethane
Concen: 49.486 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083480.D
Acq: 26 Aug 2024 14:32

Instrument :
MSVOA_N
ClientSampleId :

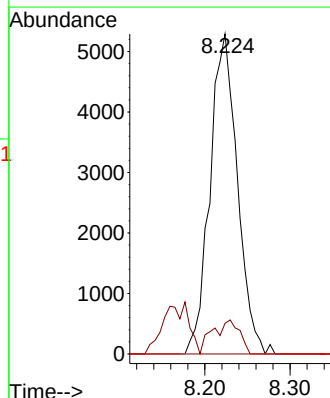
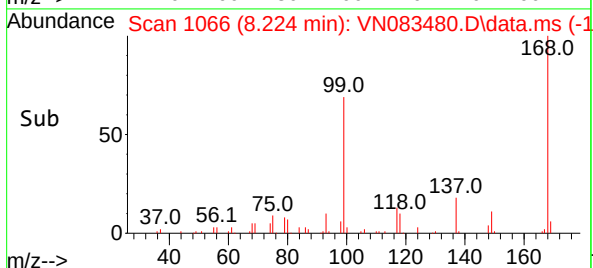
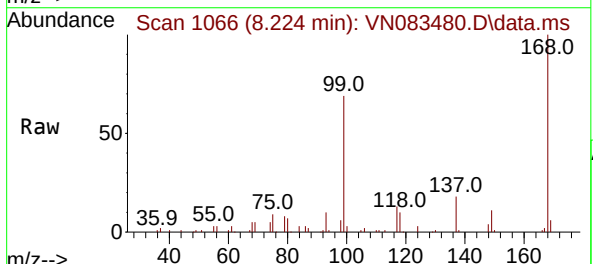


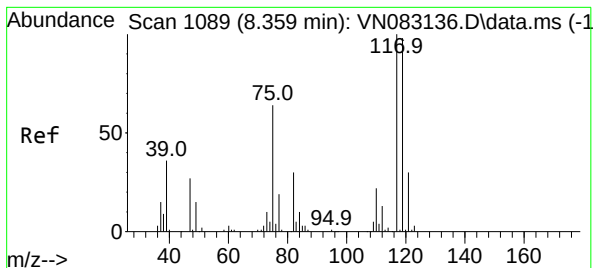
Tgt Ion:113 Resp: 81479
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 17.6 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.754 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083480.D
Acq: 26 Aug 2024 14:32

Tgt Ion: 75 Resp: 11841
Ion Ratio Lower Upper
75 100
110 10.4 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.174 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

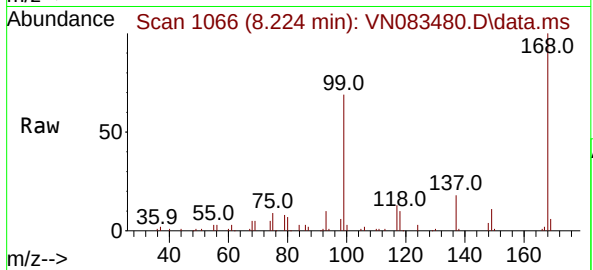
Lab File: VN083480.D

Acq: 26 Aug 2024 14:32

Instrument :

MSVOA_N

ClientSampleId :



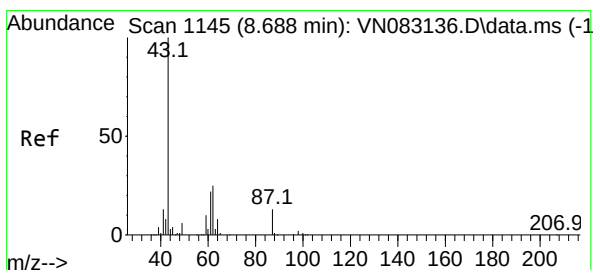
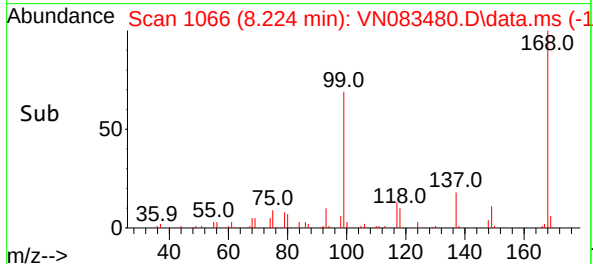
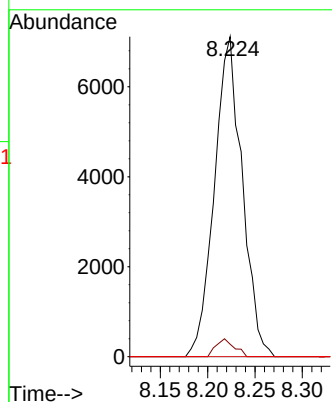
Tgt Ion:117 Resp: 14514

Ion Ratio Lower Upper

117 100

119 3.9 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.706 min Scan# 1148

Delta R.T. 0.018 min

Lab File: VN083480.D

Acq: 26 Aug 2024 14:32

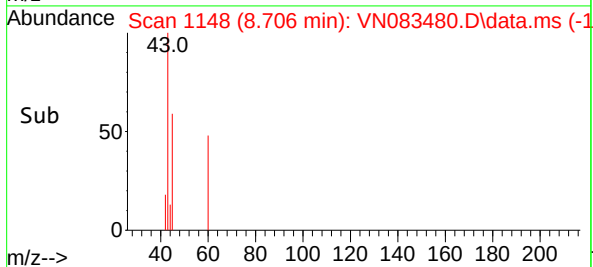
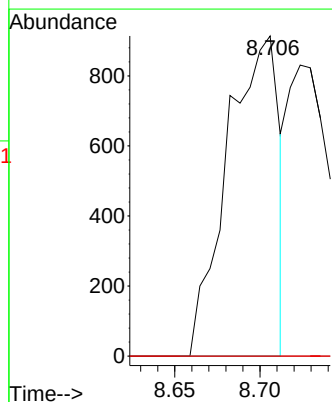
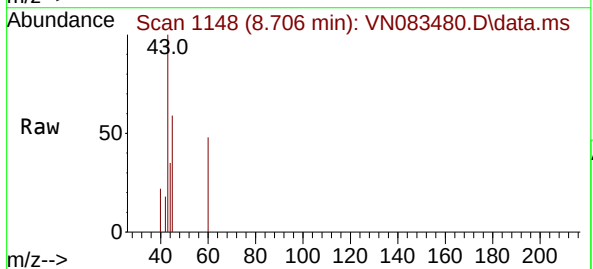
Tgt Ion: 43 Resp: 1929

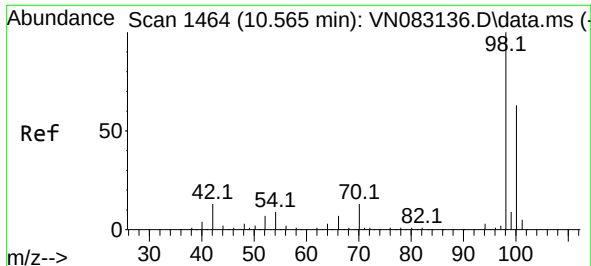
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

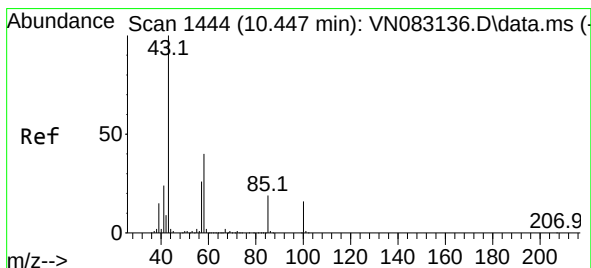
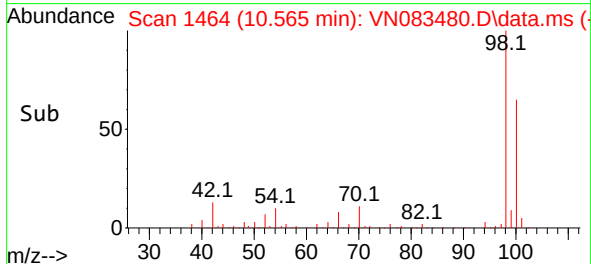
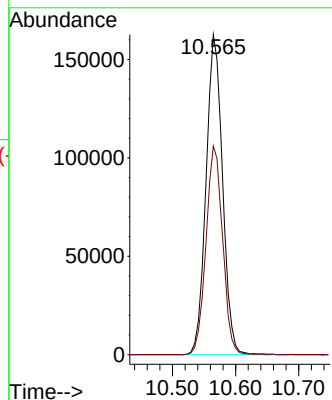
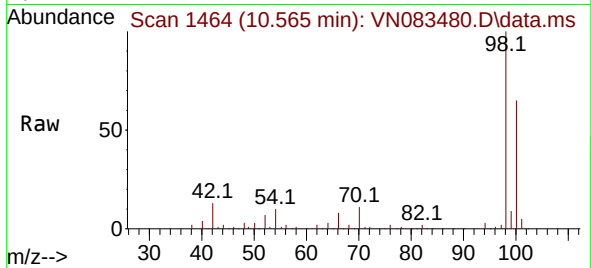




#50
Toluene-d8
Concen: 48.045 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083480.D
Acq: 26 Aug 2024 14:32

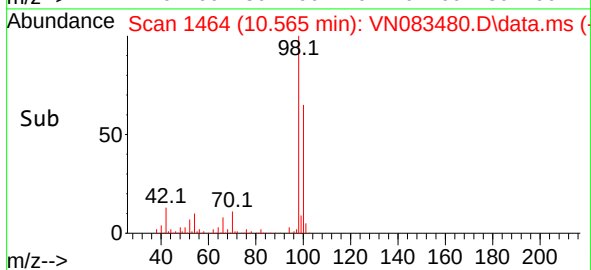
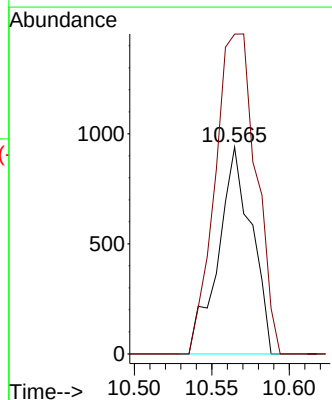
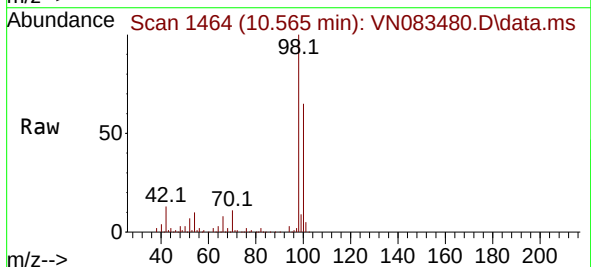
Instrument :
MSVOA_N
ClientSampleId :

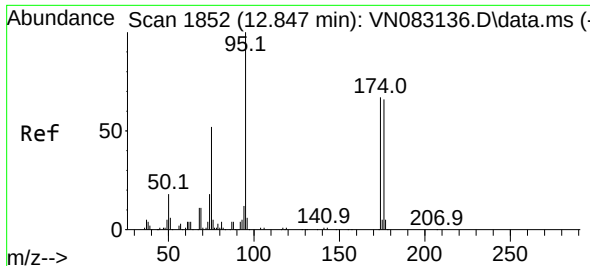
Tgt Ion: 98 Resp: 295087
Ion Ratio Lower Upper
98 100
100 65.7 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.533 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083480.D
Acq: 26 Aug 2024 14:32

Tgt Ion: 43 Resp: 1405
Ion Ratio Lower Upper
43 100
58 190.7 28.2 42.4#

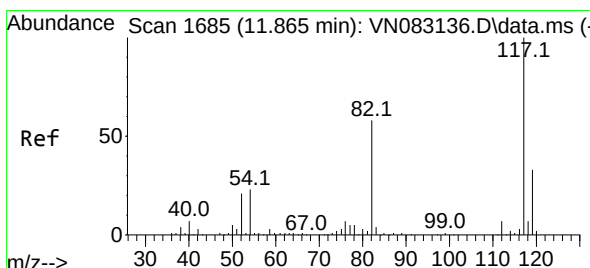
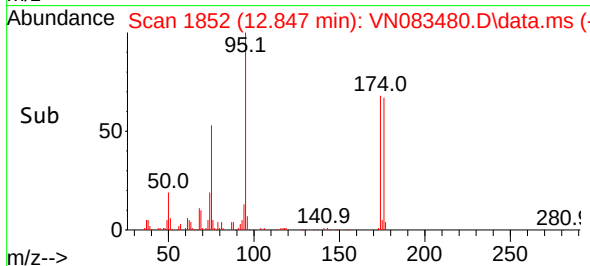
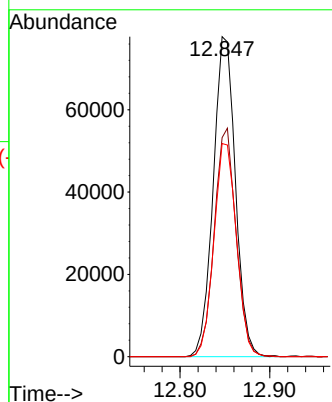
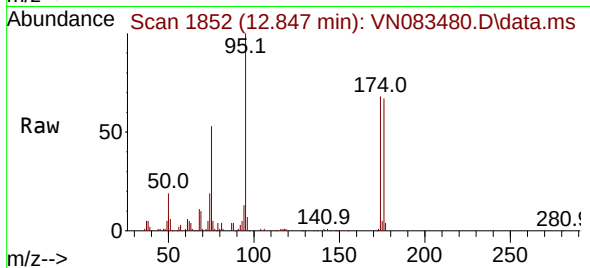




#62
4-Bromofluorobenzene
Concen: 55.863 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083480.D
Acq: 26 Aug 2024 14:32

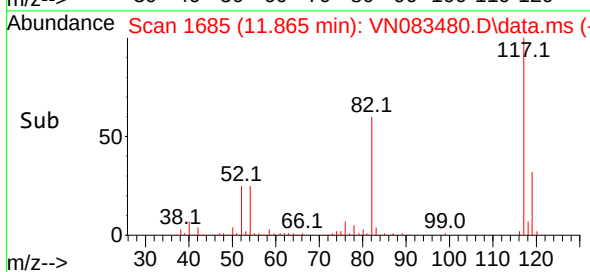
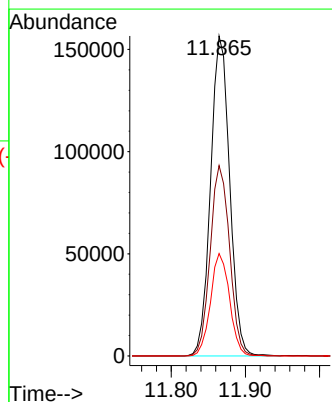
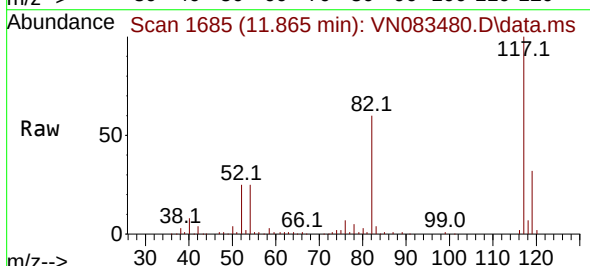
Instrument :
MSVOA_N
ClientSampleId :

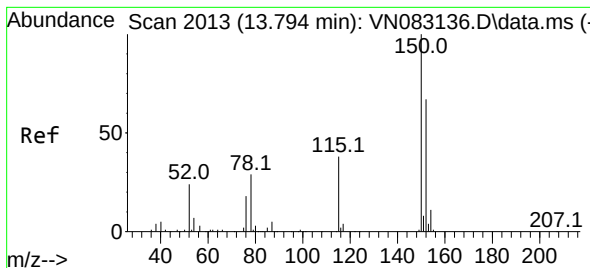
Tgt Ion: 95 Resp: 133760
Ion Ratio Lower Upper
95 100
174 69.8 0.0 159.2
176 67.8 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083480.D
Acq: 26 Aug 2024 14:32

Tgt Ion: 117 Resp: 280321
Ion Ratio Lower Upper
117 100
82 59.5 47.5 71.3
119 32.0 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 MSVOA_N

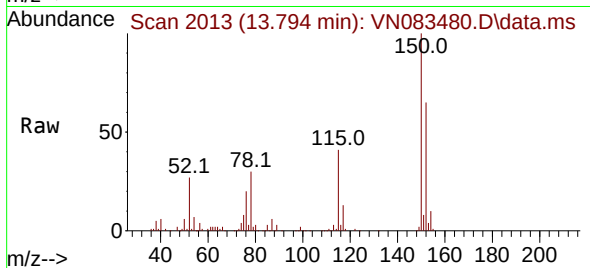
Lab File: VN083480.D

Acq: 26 Aug 2024 14:32

Instrument :

MSVOA_N

ClientSampleId :



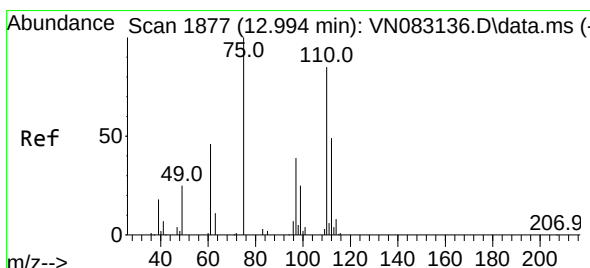
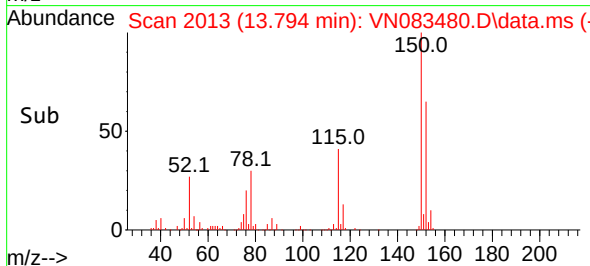
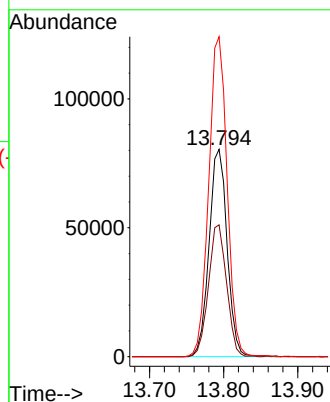
Tgt Ion:152 Resp: 136049

Ion Ratio Lower Upper

152 100

115 63.8 30.6 91.6

150 156.9 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 24.477 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN083480.D

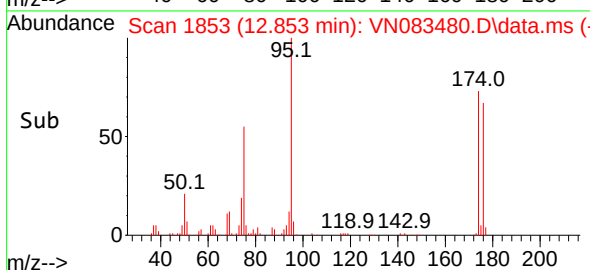
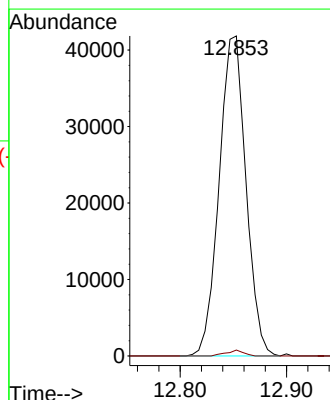
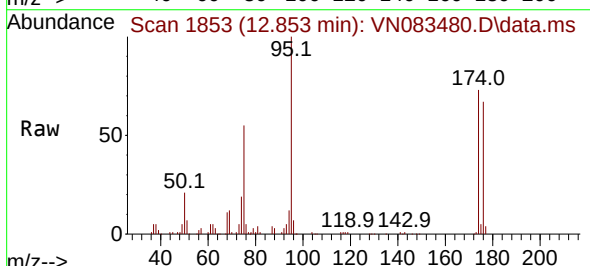
Acq: 26 Aug 2024 14:32

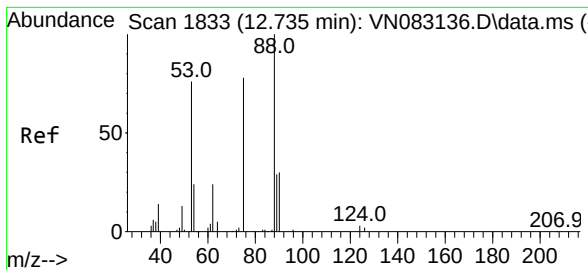
Tgt Ion: 75 Resp: 73088

Ion Ratio Lower Upper

75 100

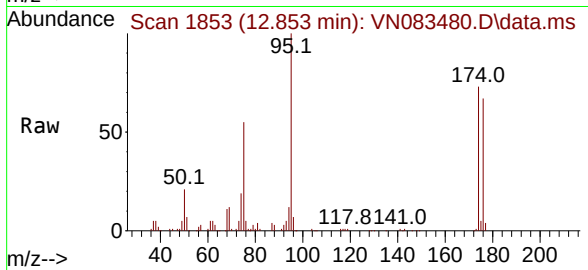
77 1.2 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.244 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN083480.D
 Acq: 26 Aug 2024 14:32

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	73088
Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.1	36.3	54.5#

