

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081224\
 Data File : VN083230.D
 Acq On : 12 Aug 2024 12:10
 Operator : JC\MD
 Sample : P3476-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 13 04:15:26 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	135962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112990	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	109312	56.484	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.960%	
35) Dibromofluoromethane	8.165	113	86143	53.810	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.620%	
50) Toluene-d8	10.565	98	325897	54.574	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.140%	
62) 4-Bromofluorobenzene	12.847	95	132995	57.126	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 114.260%	

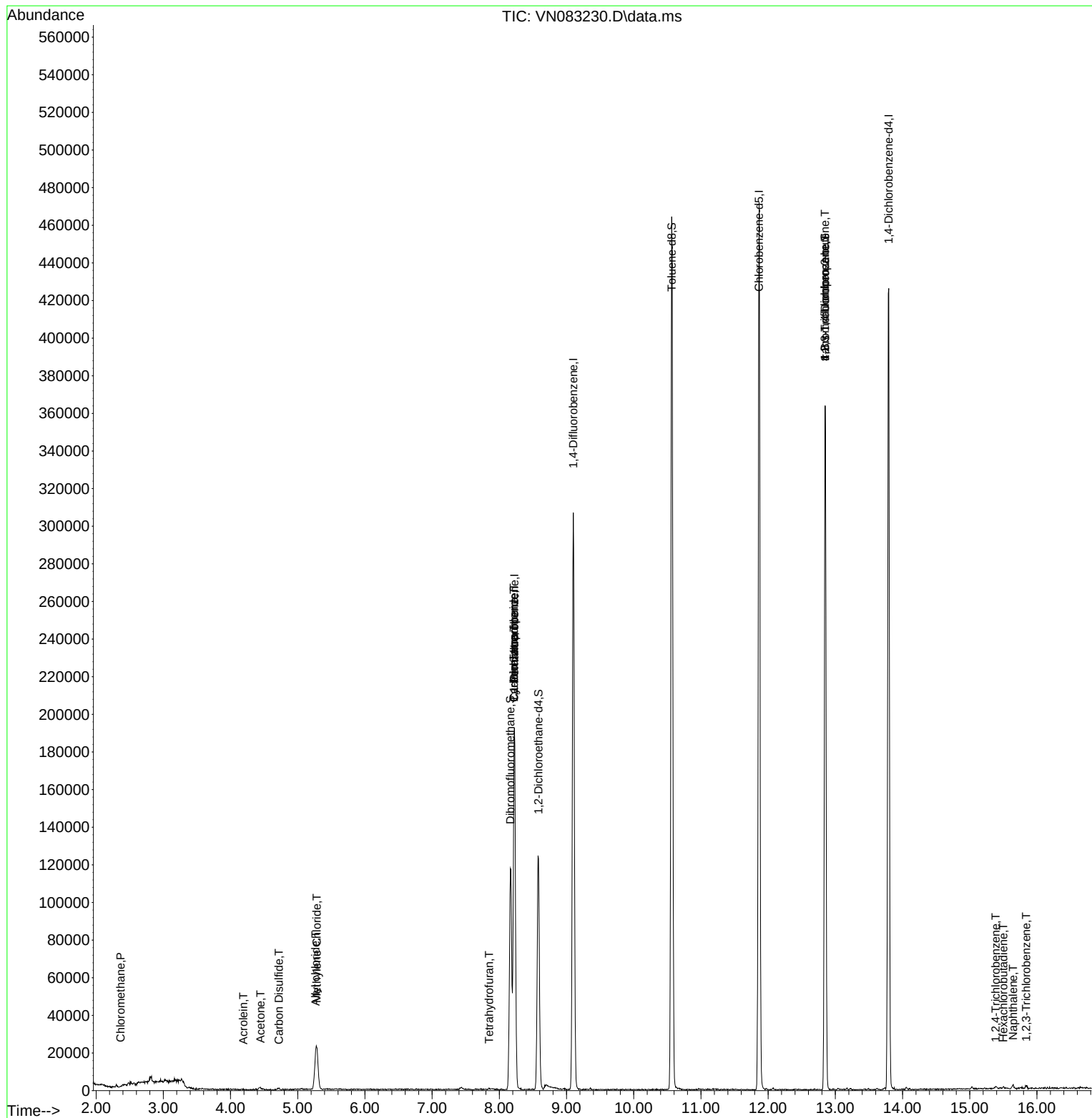
Target Compounds			Qvalue			
3) Chloromethane	2.365	50	354	0.224	ug/l #	43
13) Acrolein	4.189	56	70	0.267	ug/l #	14
14) Allyl chloride	5.265	41	742	0.261	ug/l #	17
16) Acetone	4.448	43	2774	3.663	ug/l #	77
17) Carbon Disulfide	4.718	76	1410	0.320	ug/l #	75
20) Methylene Chloride	5.283	84	18618	10.683	ug/l	84
29) Tetrahydrofuran	7.847	42	312	0.415	ug/l #	53
31) Cyclohexane	8.218	56	3187	1.111	ug/l #	25
36) 1,1-Dichloropropene	8.218	75	12209	5.042	ug/l #	49
38) Carbon Tetrachloride	8.218	117	15226	5.582	ug/l #	17
43) Isopropyl Acetate	8.689	43	2529	Below Cal	#	60
76) 1,2,3-Trichloropropane	12.847	75	72683	29.309	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72683	63.755	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.388	180	651	0.304	ug/l	63
94) Hexachlorobutadiene	15.500	225	315	0.331	ug/l	71
95) Naphthalene	15.647	128	2621	0.346	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.841	180	633	0.299	ug/l #	17

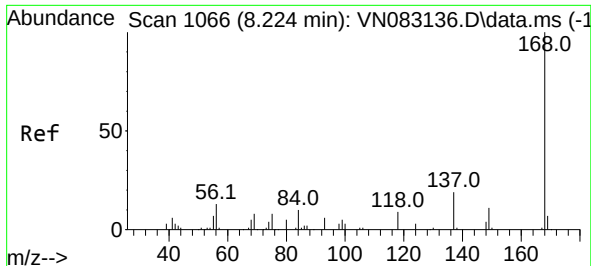
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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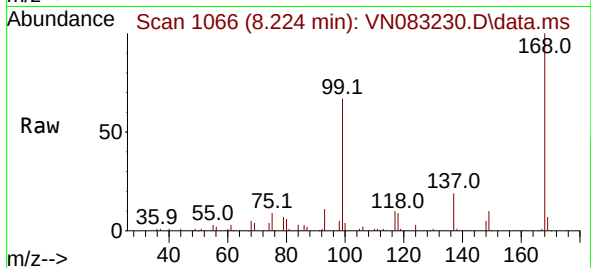
Quant Time: Aug 13 04:15:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



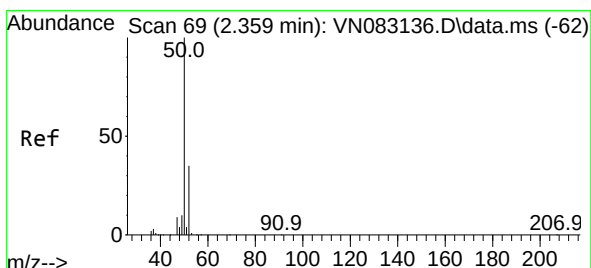
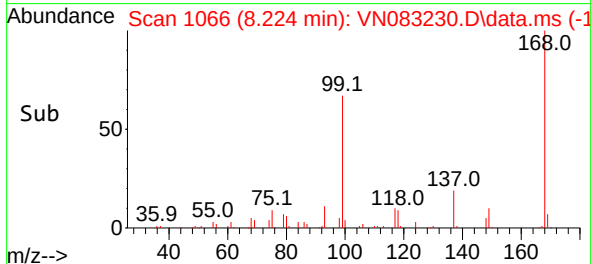
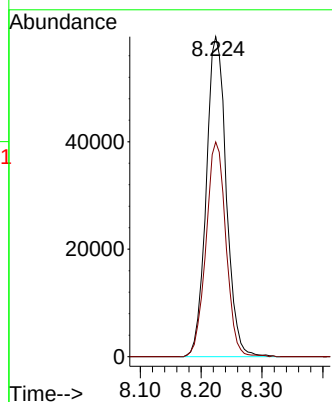


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083230.D
Acq: 12 Aug 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :

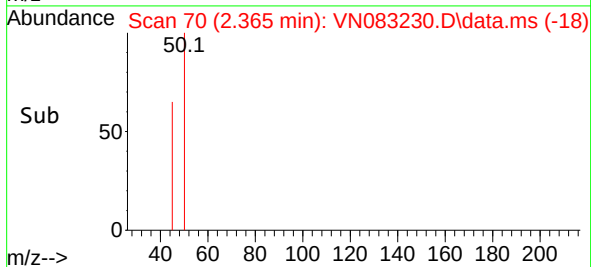
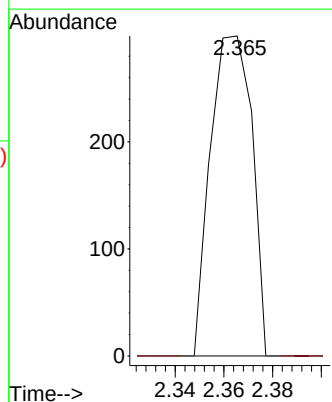
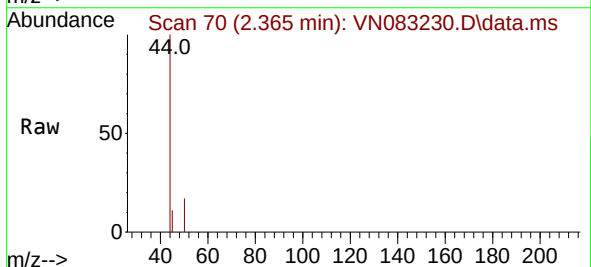


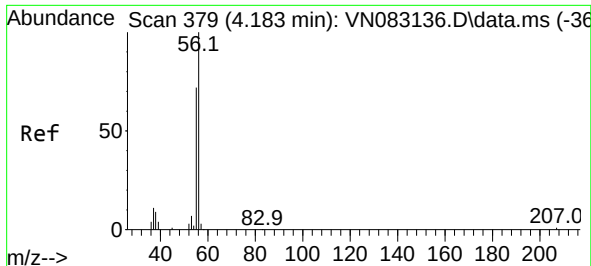
Tgt Ion:168 Resp: 135962
Ion Ratio Lower Upper
168 100
99 67.1 48.2 72.4



#3
Chloromethane
Concen: 0.224 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083230.D
Acq: 12 Aug 2024 12:10

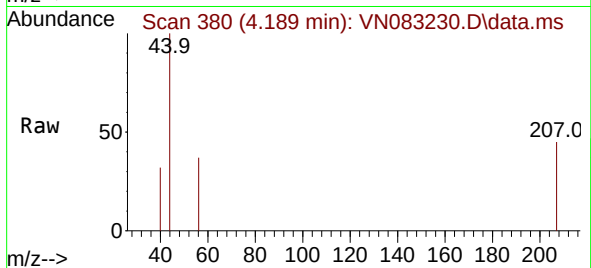
Tgt Ion: 50 Resp: 354
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



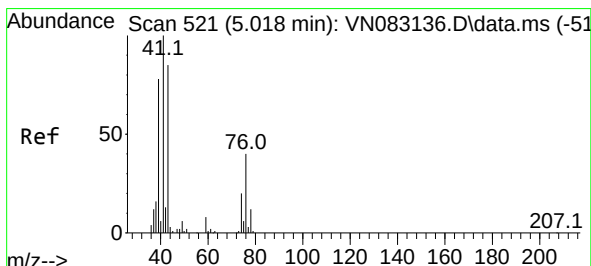
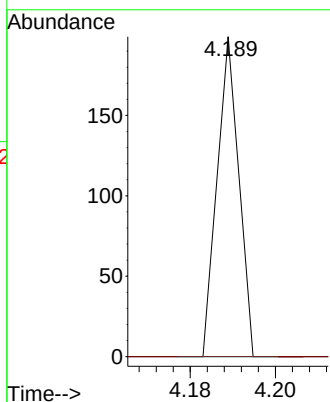
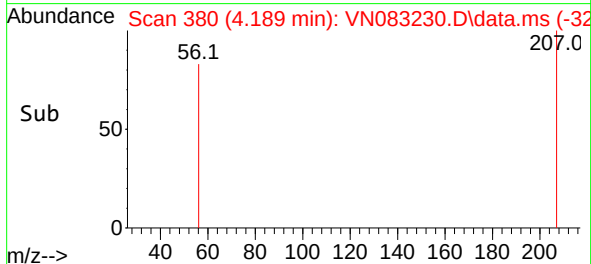


#13
Acrolein
Concen: 0.267 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN083230.D
Acq: 12 Aug 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :

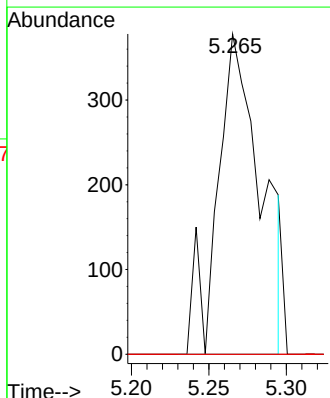
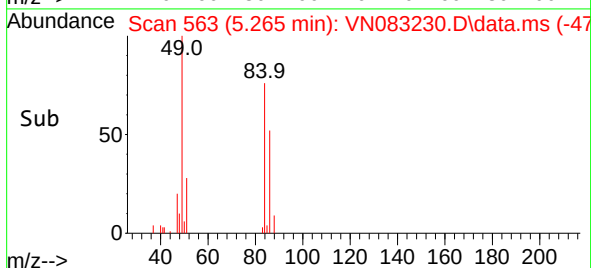
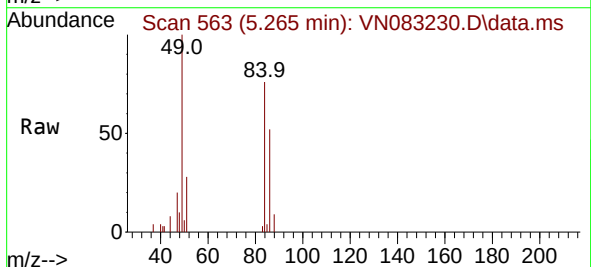


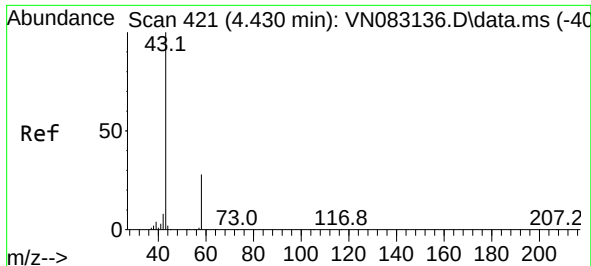
Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#14
Allyl chloride
Concen: 0.261 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.247 min
Lab File: VN083230.D
Acq: 12 Aug 2024 12:10

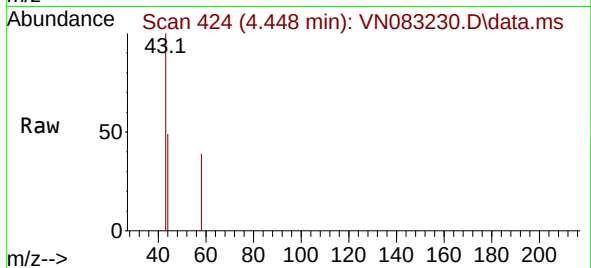
Tgt Ion: 41 Resp: 742
Ion Ratio Lower Upper
41 100
39 0.0 67.8 101.6#
76 0.0 25.8 38.8#



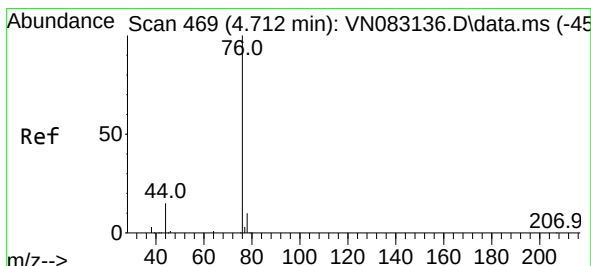
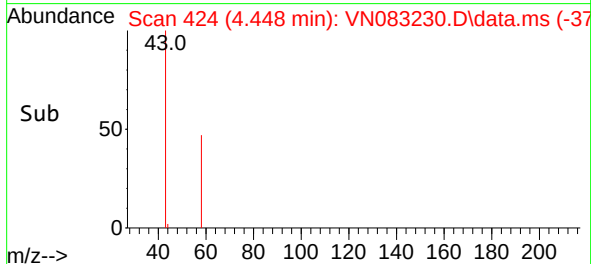
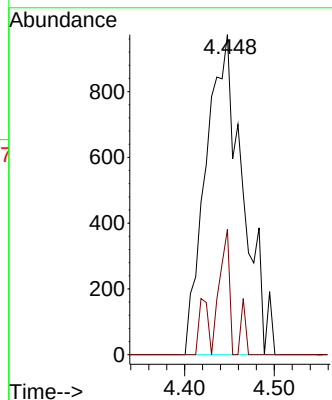


#16
Acetone
Concen: 3.663 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083230.D
Acq: 12 Aug 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :

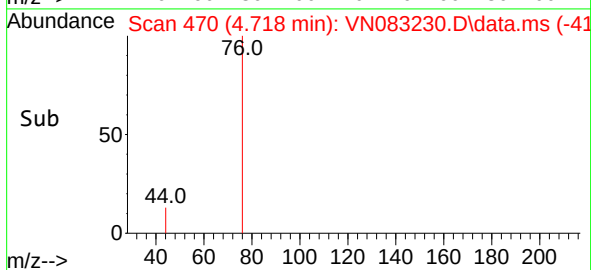
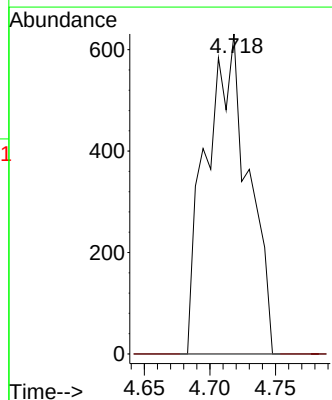
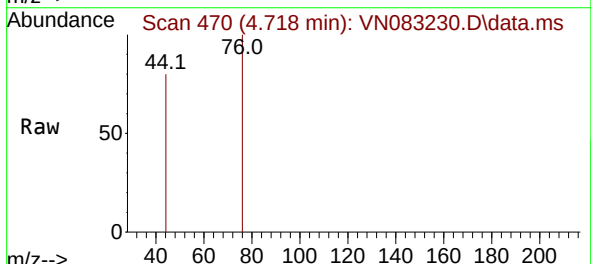


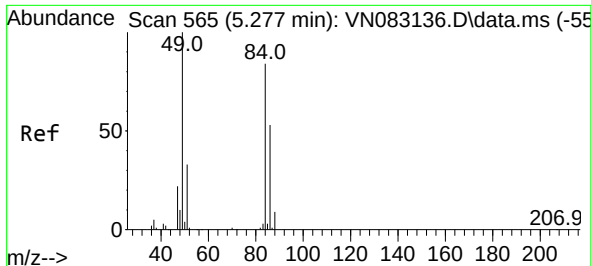
Tgt Ion: 43 Resp: 2774
Ion Ratio Lower Upper
43 100
58 39.2 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.320 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN083230.D
Acq: 12 Aug 2024 12:10

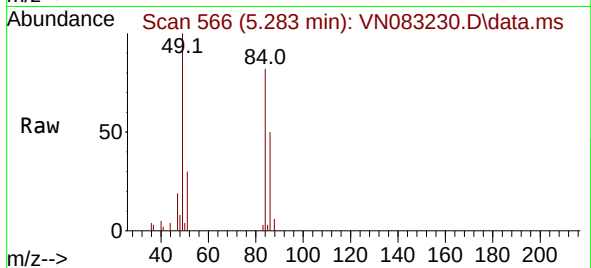
Tgt Ion: 76 Resp: 1410
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



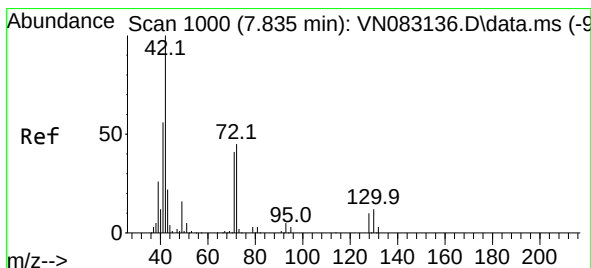
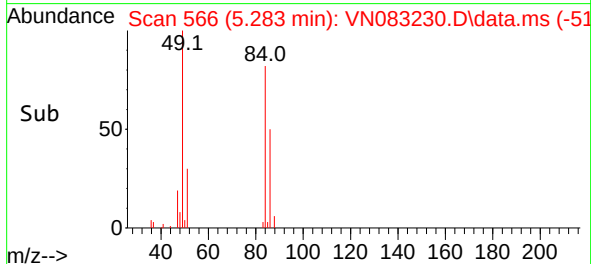
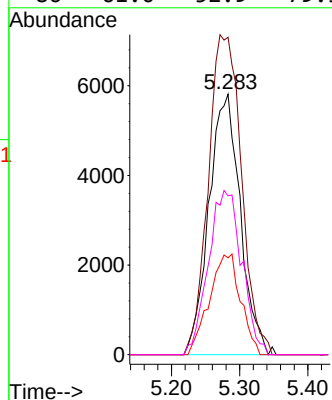


#20
Methylene Chloride
Concen: 10.683 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083230.D
Acq: 12 Aug 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :

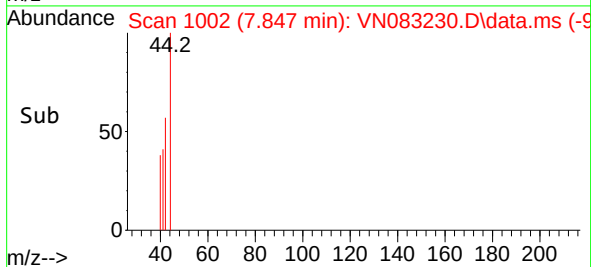
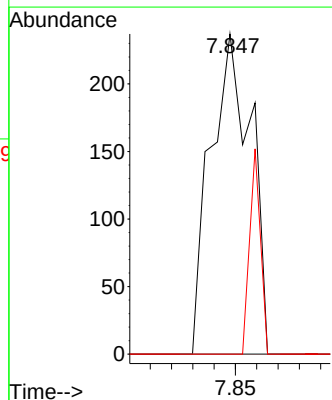
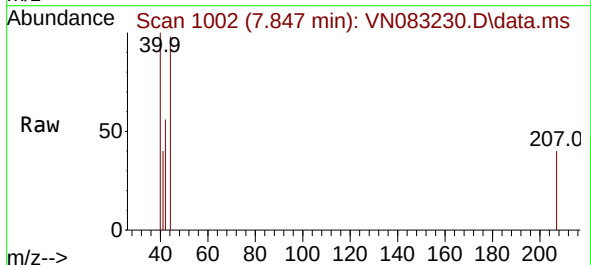


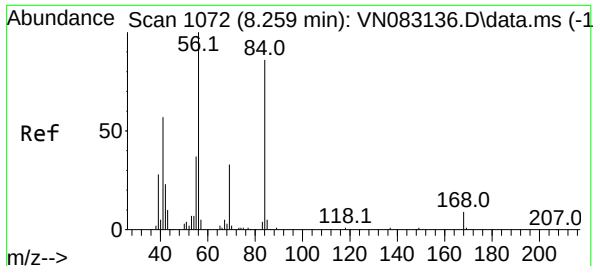
Tgt Ion:	84	Resp:	18618
Ion	Ratio	Lower	Upper
84	100		
49	121.9	119.6	179.4
51	37.2	34.8	52.2
86	61.0	52.9	79.3



#29
Tetrahydrofuran
Concen: 0.415 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VN083230.D
Acq: 12 Aug 2024 12:10

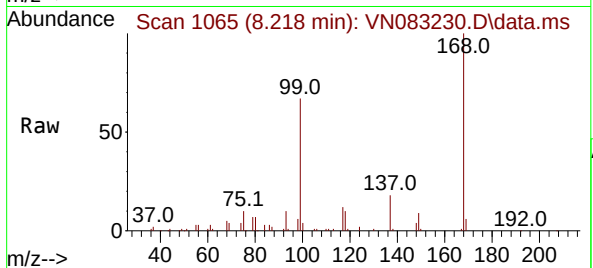
Tgt Ion:	42	Resp:	312
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.0	45.0#
71	17.3	28.3	42.5#



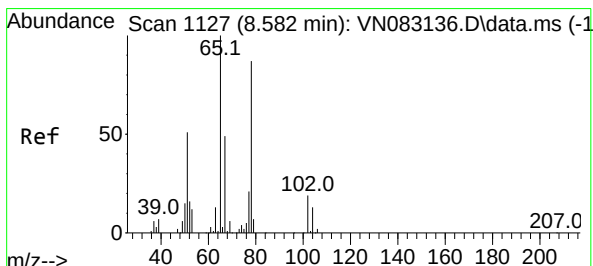
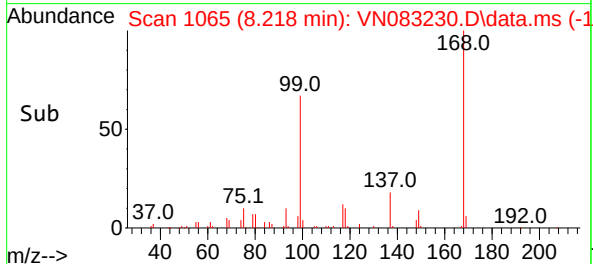
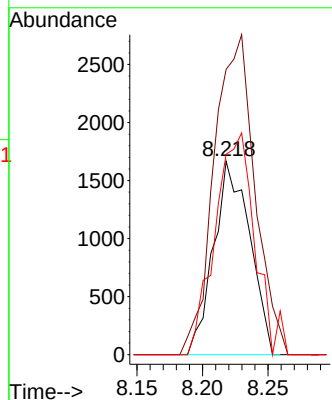


#31
Cyclohexane
Concen: 1.111 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083230.D
Acq: 12 Aug 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :

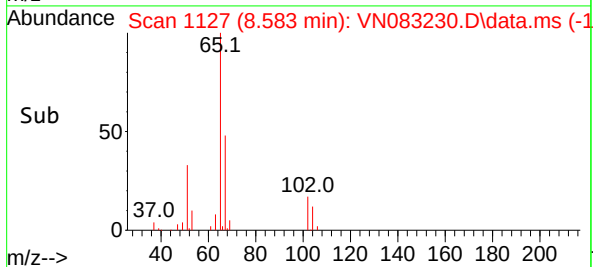
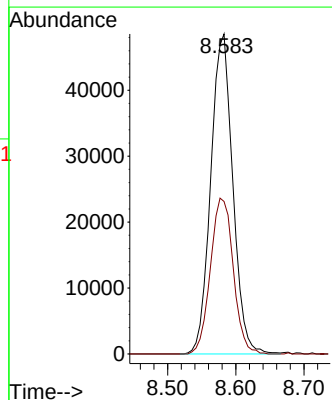
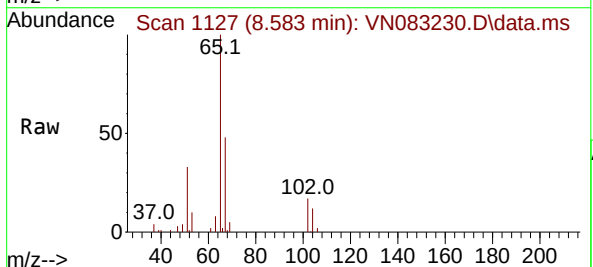


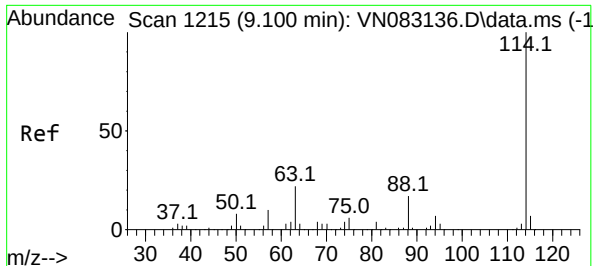
Tgt Ion: 56 Resp: 3187
Ion Ratio Lower Upper
56 100
69 147.5 24.5 36.7#
84 103.6 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 56.484 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083230.D
Acq: 12 Aug 2024 12:10

Tgt Ion: 65 Resp: 109312
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.4

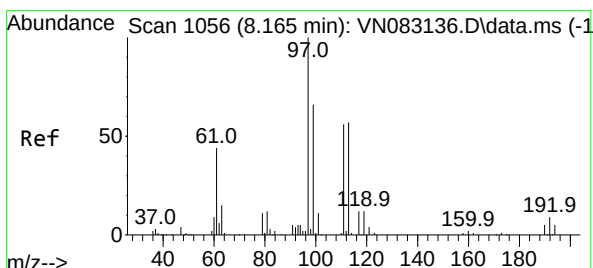
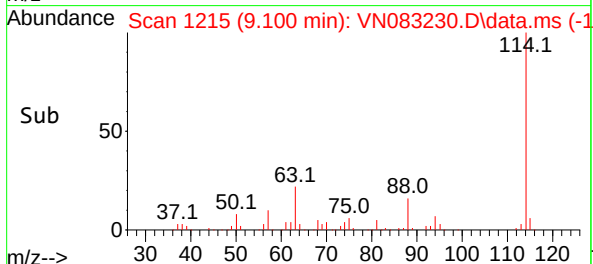
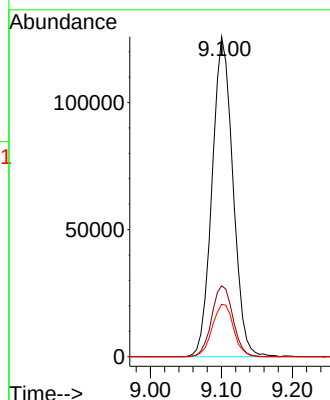
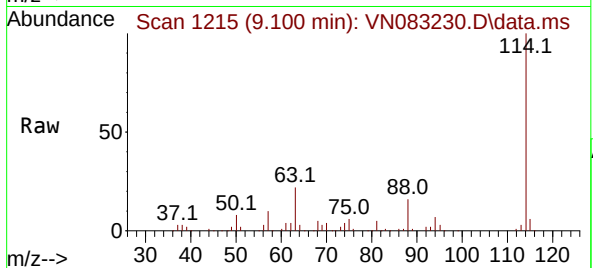




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083230.D
Acq: 12 Aug 2024 12:10

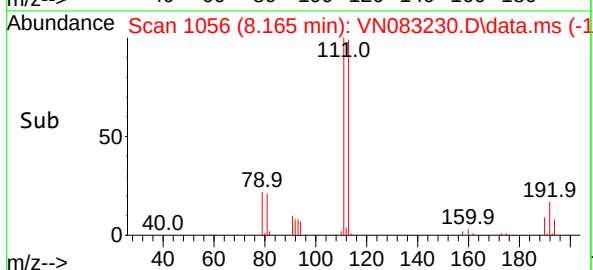
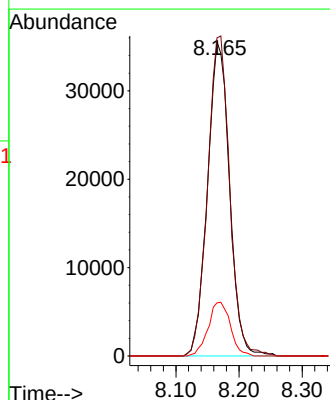
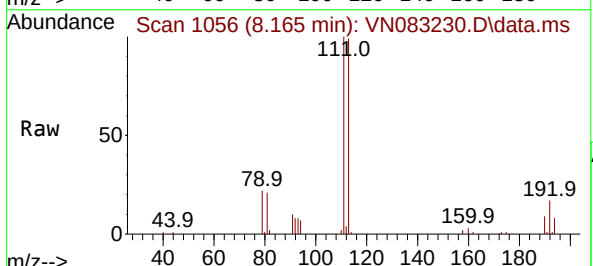
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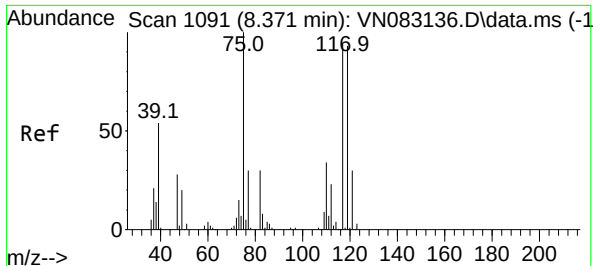
Tgt Ion:114 Resp: 256478
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.6
88 16.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.810 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083230.D
Acq: 12 Aug 2024 12:10

Tgt Ion:113 Resp: 86143
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 17.3 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.042 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN083230.D

Acq: 12 Aug 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

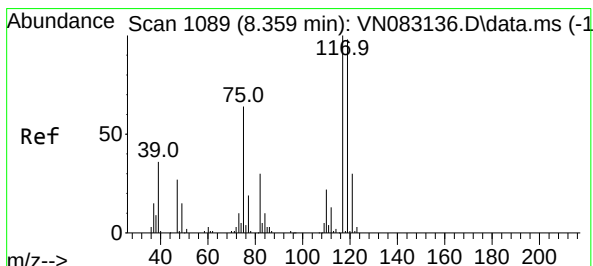
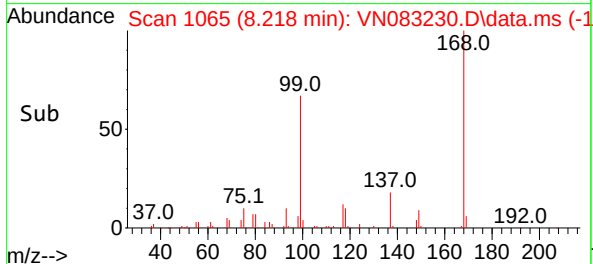
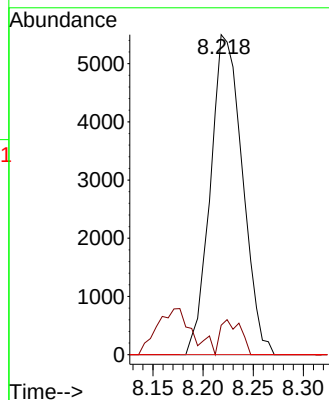
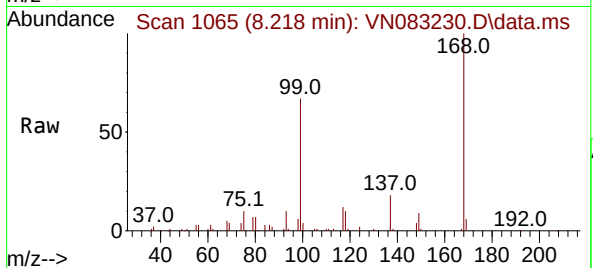
Tgt Ion: 75 Resp: 12209

Ion Ratio Lower Upper

75 100

110 6.9 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.582 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN083230.D

Acq: 12 Aug 2024 12:10

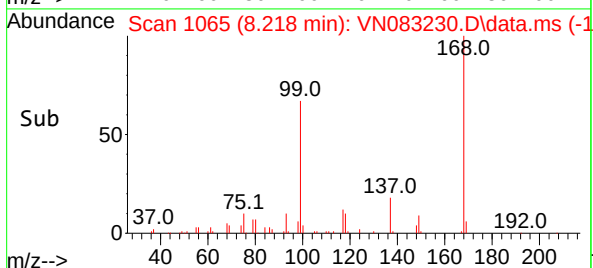
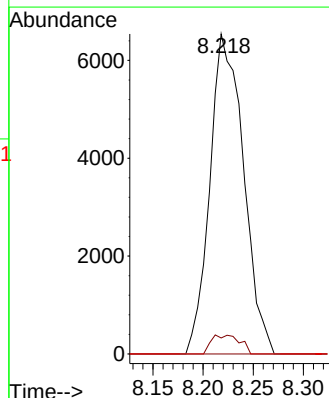
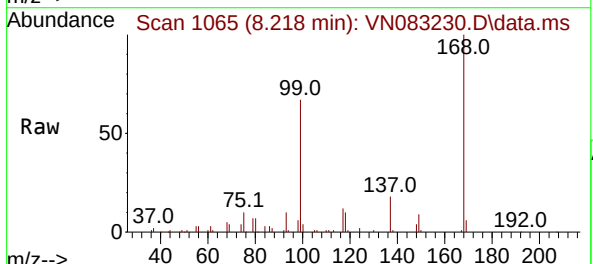
Tgt Ion: 117 Resp: 15226

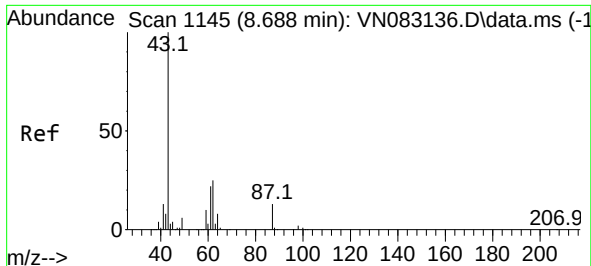
Ion Ratio Lower Upper

117 100

119 5.0 74.9 112.3#

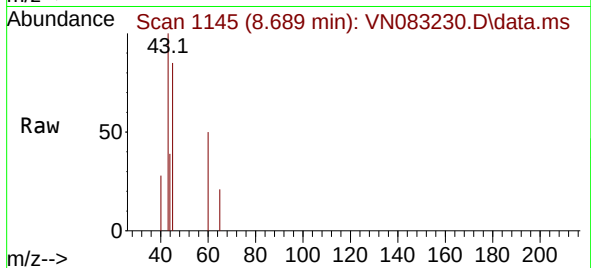
121 0.0 24.3 36.5#



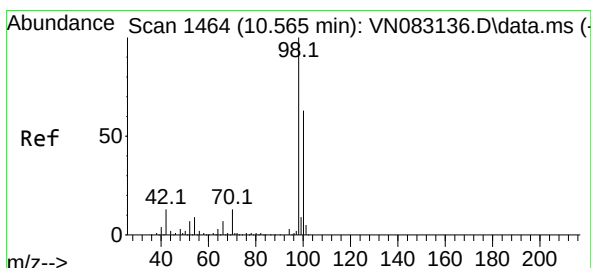
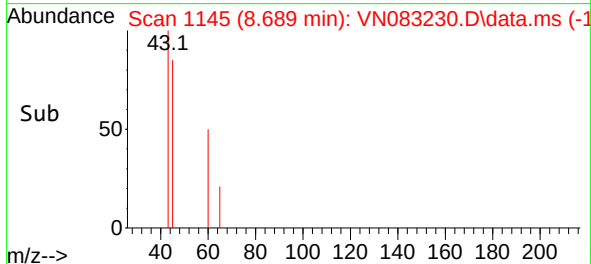
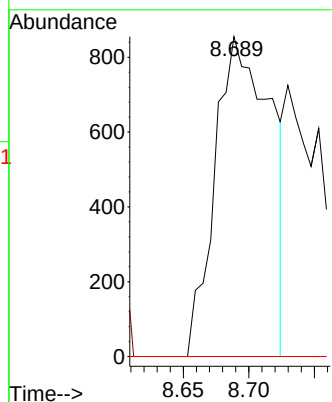


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.689 min Scan# 1145
Delta R.T. 0.001 min
Lab File: VN083230.D
Acq: 12 Aug 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :

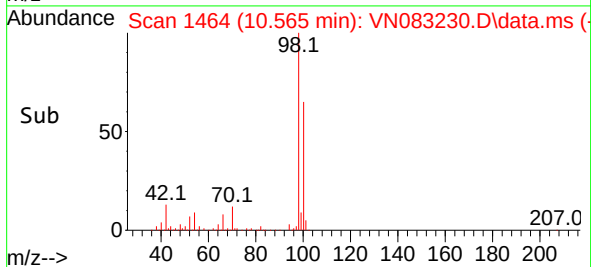
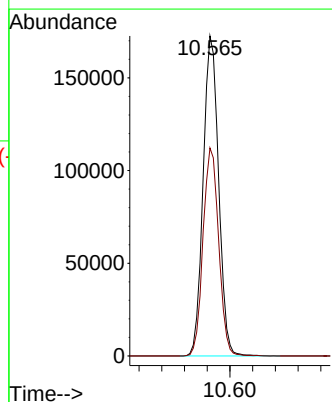
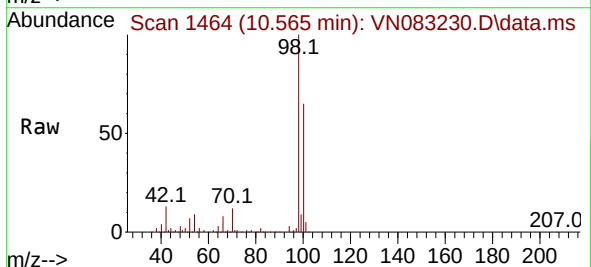


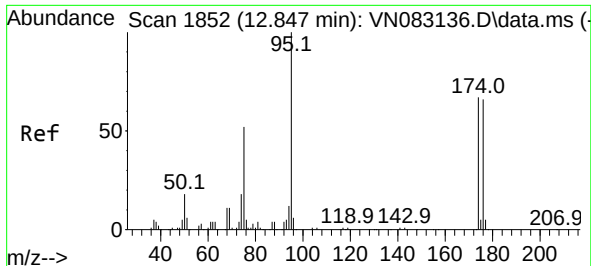
Tgt Ion: 43 Resp: 2529
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 54.574 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083230.D
Acq: 12 Aug 2024 12:10

Tgt Ion: 98 Resp: 325897
Ion Ratio Lower Upper
98 100
100 65.6 51.5 77.3

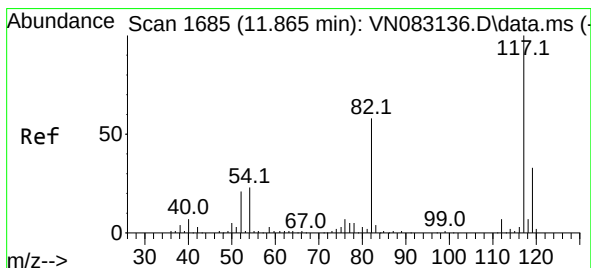
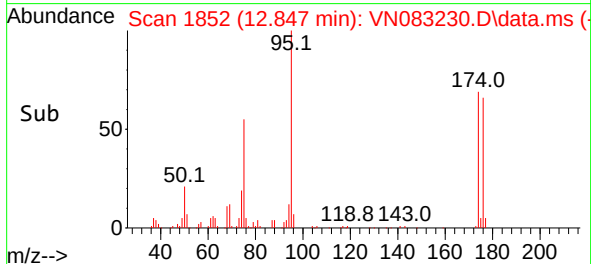
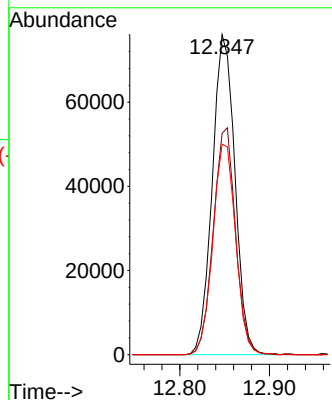
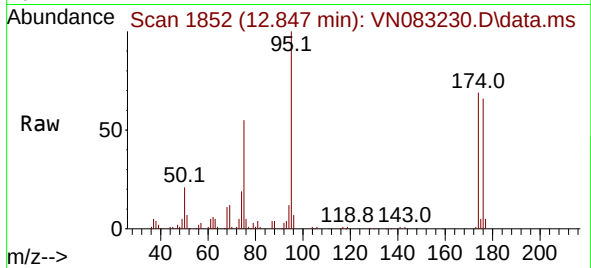




#62
4-Bromofluorobenzene
Concen: 57.126 ug/l
RT: 12.847 min Scan# 11852
Delta R.T. 0.000 min
Lab File: VN083230.D
Acq: 12 Aug 2024 12:10

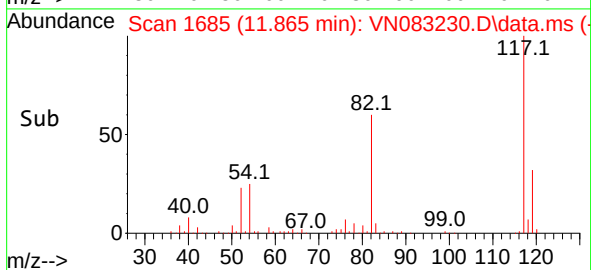
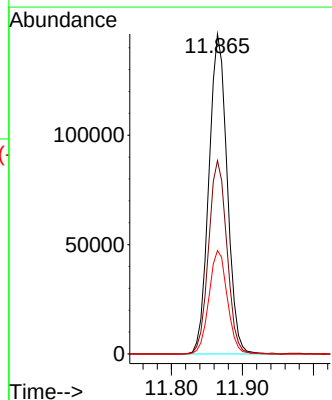
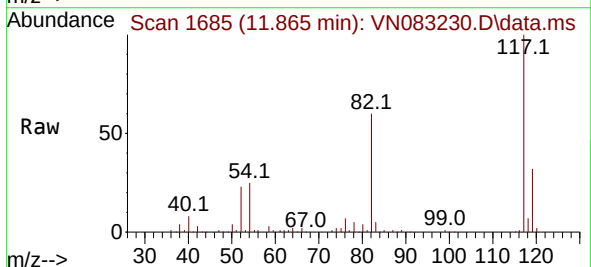
Instrument :
MSVOA_N
ClientSampleId :

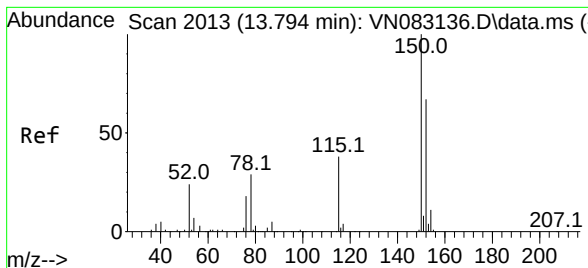
Tgt Ion: 95 Resp: 132995
Ion Ratio Lower Upper
95 100
174 69.9 0.0 159.2
176 66.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083230.D
Acq: 12 Aug 2024 12:10

Tgt Ion: 117 Resp: 261080
Ion Ratio Lower Upper
117 100
82 60.4 47.5 71.3
119 32.3 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: VN083230.D

Acq: 12 Aug 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

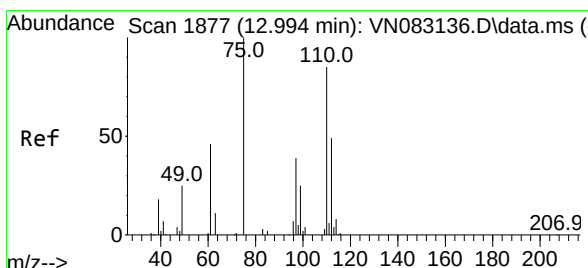
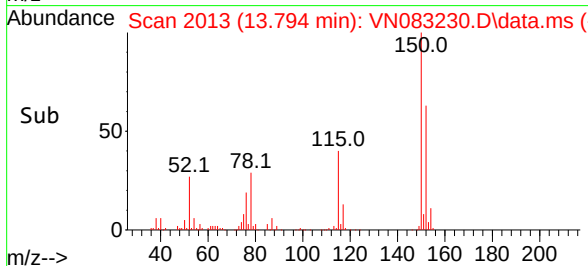
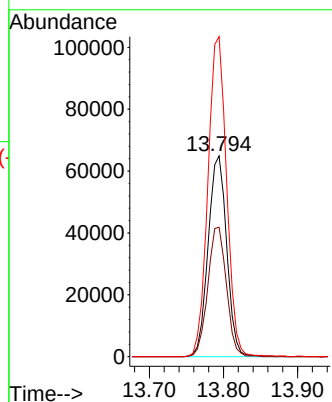
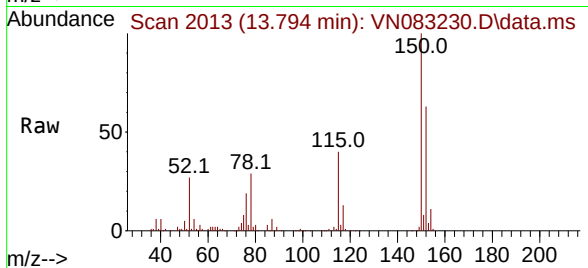
Tgt Ion:152 Resp: 112990

Ion Ratio Lower Upper

152 100

115 64.6 30.6 91.6

150 160.2 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 29.309 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083230.D

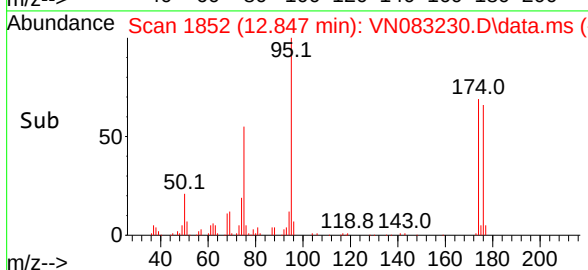
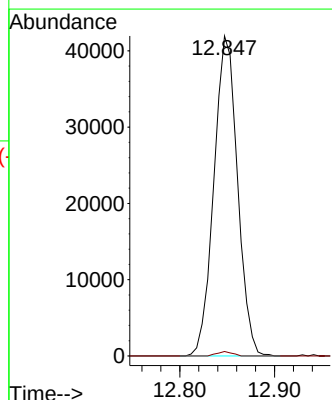
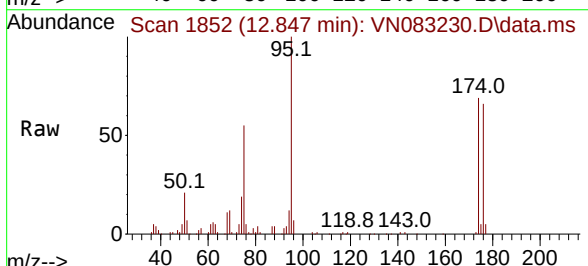
Acq: 12 Aug 2024 12:10

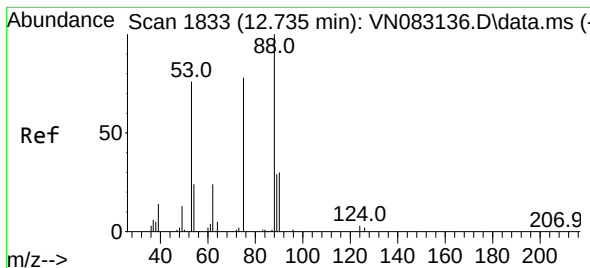
Tgt Ion: 75 Resp: 72683

Ion Ratio Lower Upper

75 100

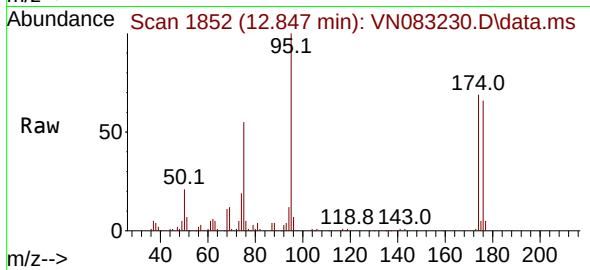
77 0.9 110.9 332.6#



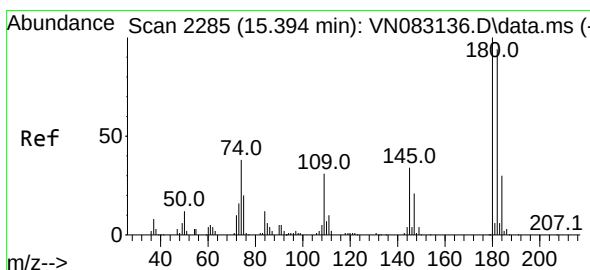
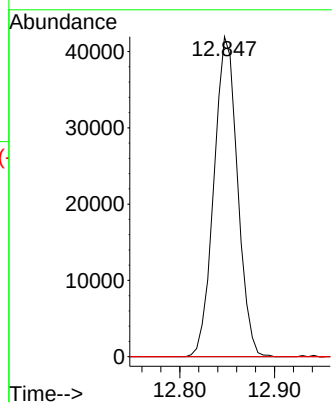
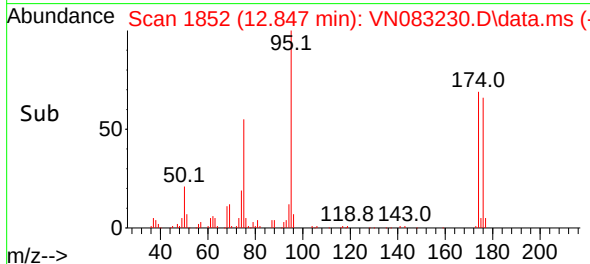


#81
trans-1,4-Dichloro-2-butene
Concen: 63.755 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083230.D
Acq: 12 Aug 2024 12:10

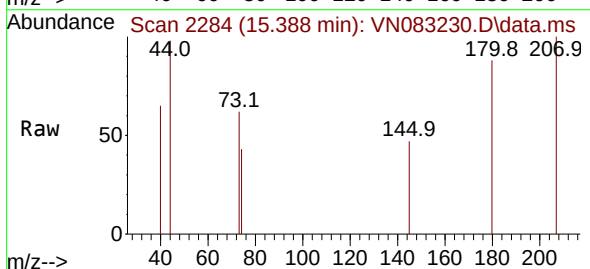
Instrument :
MSVOA_N
ClientSampleId :



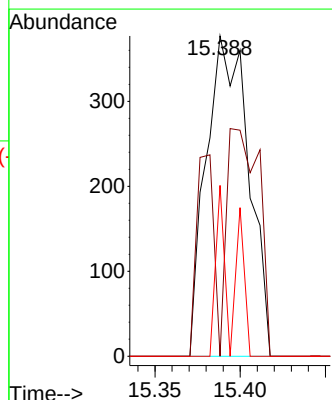
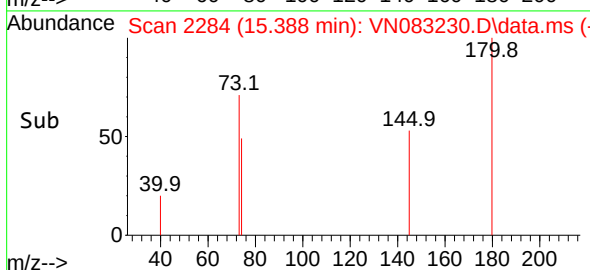
Tgt Ion: 75 Resp: 72683
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

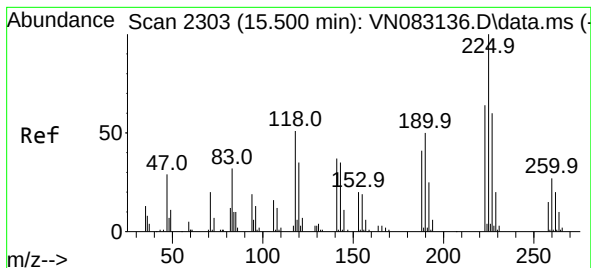


#93
1,2,4-Trichlorobenzene
Concen: 0.304 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.006 min
Lab File: VN083230.D
Acq: 12 Aug 2024 12:10



Tgt Ion: 180 Resp: 651
Ion Ratio Lower Upper
180 100
182 53.8 47.3 141.8
145 20.4 15.7 47.1





#94

Hexachlorobutadiene

Concen: 0.331 ug/l

RT: 15.500 min Scan# 21

Delta R.T. 0.000 min

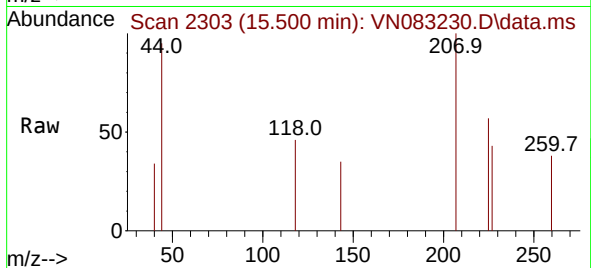
Lab File: VN083230.D

Acq: 12 Aug 2024 12:10

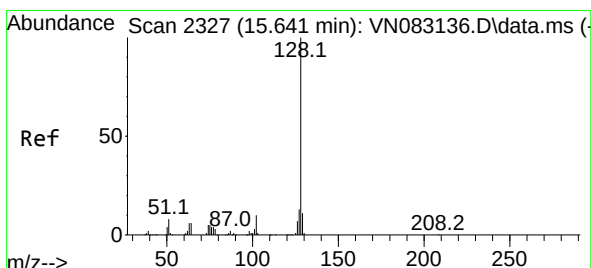
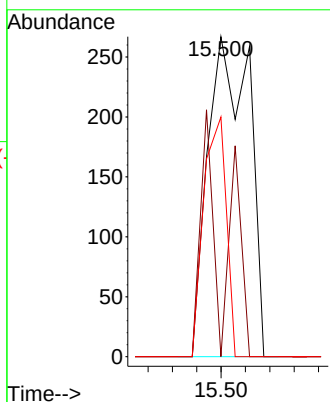
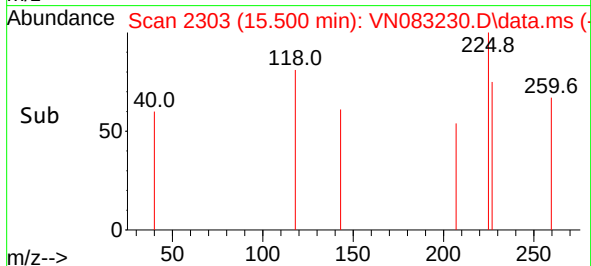
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	225	Resp:	315
Ion	Ratio	Lower	Upper
225	100		
223	42.9	31.9	95.7
227	41.0	32.5	97.5



#95

Naphthalene

Concen: 0.346 ug/l

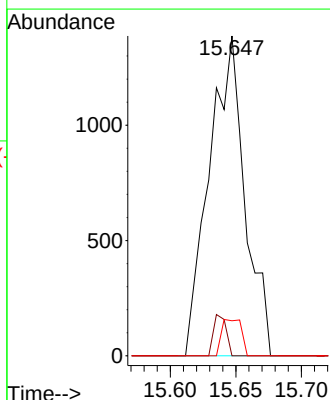
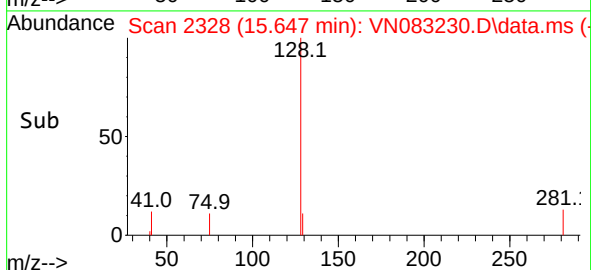
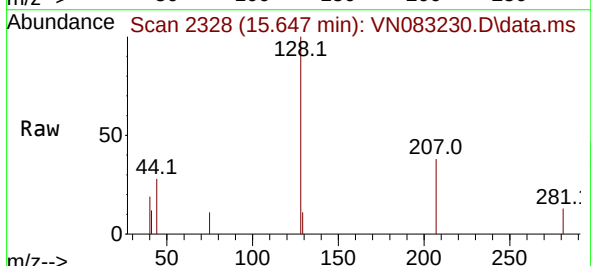
RT: 15.647 min Scan# 2328

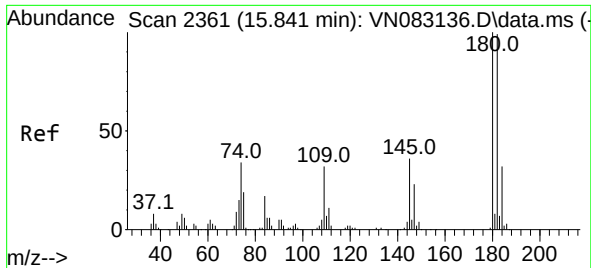
Delta R.T. 0.006 min

Lab File: VN083230.D

Acq: 12 Aug 2024 12:10

Tgt Ion:	128	Resp:	2621
Ion	Ratio	Lower	Upper
128	100		
127	4.5	10.6	16.0#
129	6.3	8.6	12.8#





#96

1,2,3-Trichlorobenzene

Concen: 0.299 ug/l

RT: 15.841 min Scan# 21

Delta R.T. 0.000 min

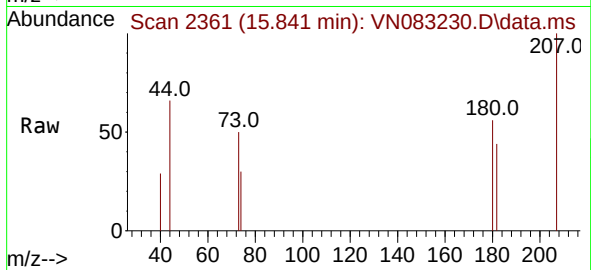
Lab File: VN083230.D

Acq: 12 Aug 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 633

Ion Ratio Lower Upper

180 100

182 0.0 48.9 146.8#

145 13.0 16.8 50.4#

