

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070924\
 Data File : VN082837.D
 Acq On : 09 Jul 2024 14:09
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 10 01:20:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	101613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	190318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	178201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72541	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	76633	53.800	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.600%	
35) Dibromofluoromethane	8.171	113	62354	51.059	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.120%	
50) Toluene-d8	10.571	98	215712	47.824	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.640%	
62) 4-Bromofluorobenzene	12.853	95	70786	43.689	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 87.380%	

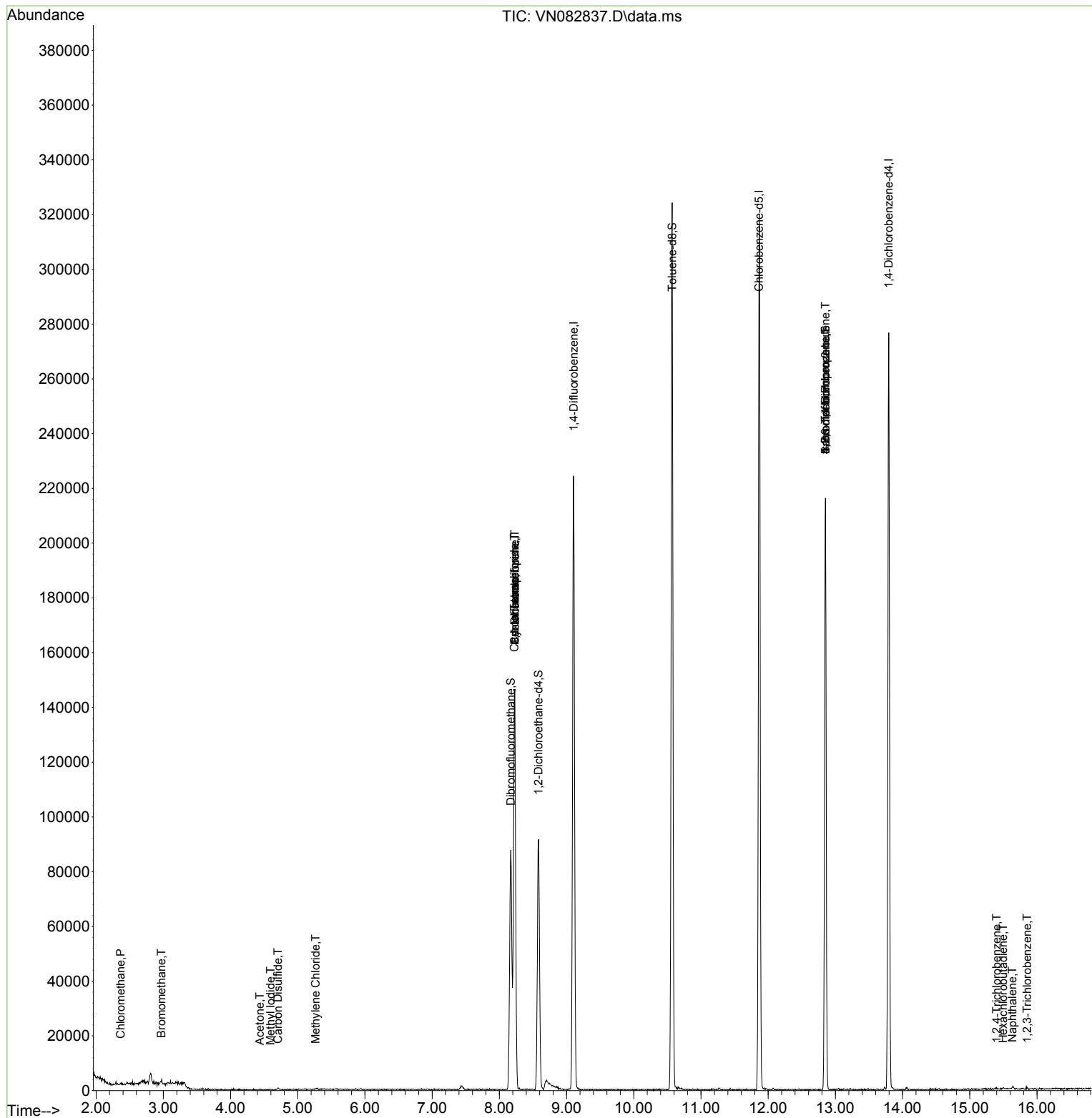
Target Compounds			Qvalue			
3) Chloromethane	2.365	50	322	0.258	ug/l #	62
5) Bromomethane	2.971	94	701	0.742	ug/l #	72
10) Methyl Iodide	4.594	142	427	0.390	ug/l #	38
16) Acetone	4.436	43	210	0.419	ug/l #	48
17) Carbon Disulfide	4.706	76	1074	0.346	ug/l #	75
20) Methylene Chloride	5.265	84	257	0.212	ug/l #	14
31) Cyclohexane	8.230	56	2623	1.409	ug/l #	48
36) 1,1-Dichloropropene	8.230	75	9316	5.533	ug/l #	50
38) Carbon Tetrachloride	8.224	117	11232	5.540	ug/l #	17
43) Isopropyl Acetate	8.694	43	1763	Below Cal	#	60
71) Bromoform	12.853	173	614	0.575	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	39425	31.524	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	39425	61.998	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.400	180	333	0.259	ug/l #	76
94) Hexachlorobutadiene	15.494	225	221	0.388	ug/l #	51
95) Naphthalene	15.635	128	1397	0.317	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.853	180	352	0.266	ug/l #	84

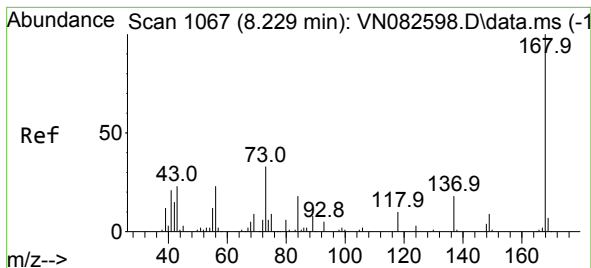
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.001 min

Lab File: VN082837.D

Acq: 09 Jul 2024 14:09

Instrument :

MSVOA_N

ClientSampleId :

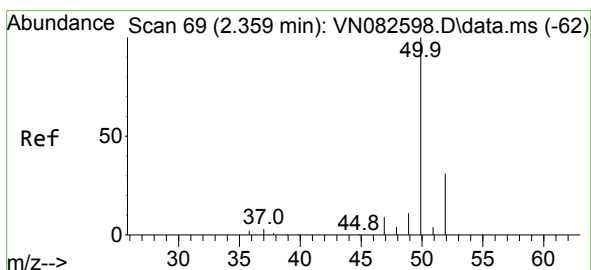
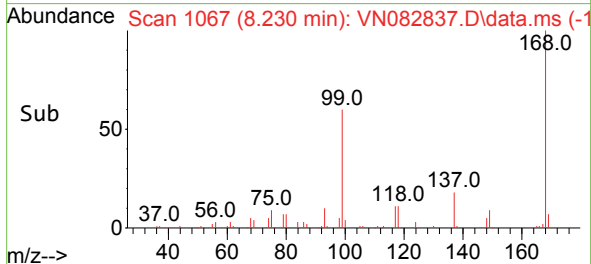
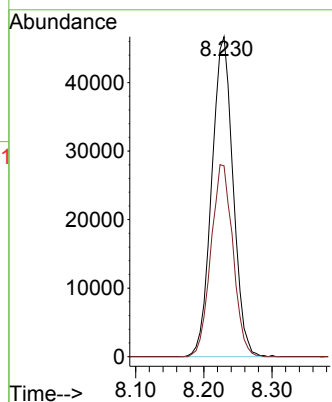
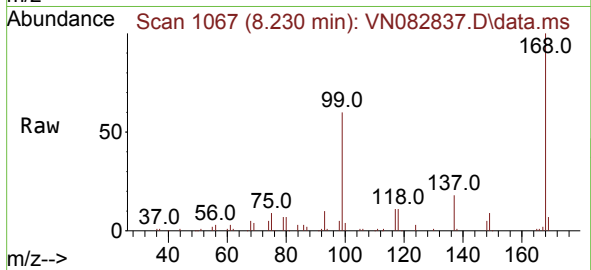
IBLK

Tgt Ion:168 Resp: 101613

Ion Ratio Lower Upper

168 100

99 59.6 48.2 72.4



#3

Chloromethane

Concen: 0.258 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082837.D

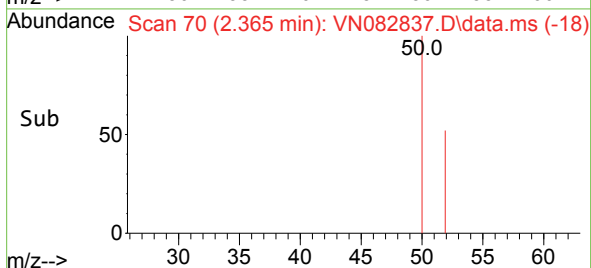
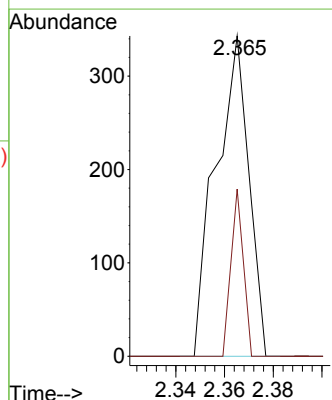
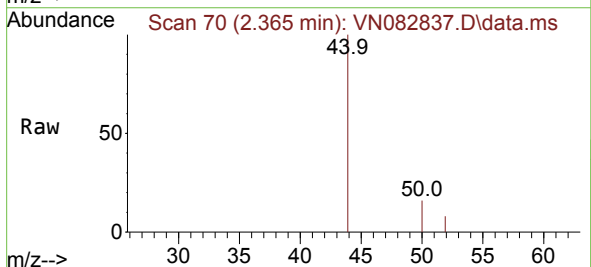
Acq: 09 Jul 2024 14:09

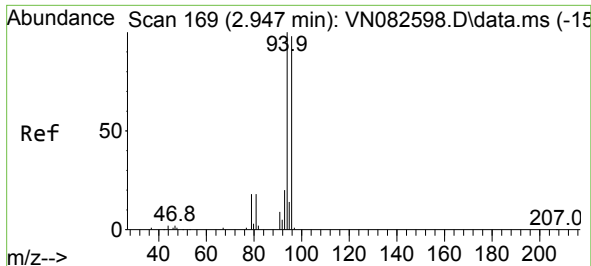
Tgt Ion: 50 Resp: 322

Ion Ratio Lower Upper

50 100

52 52.2 25.0 37.4#

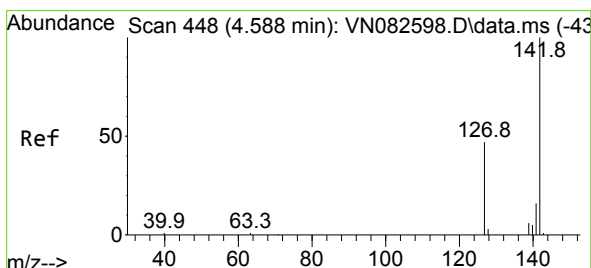
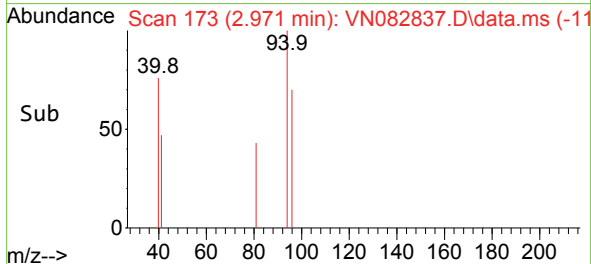
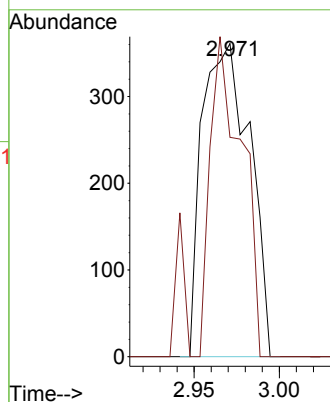
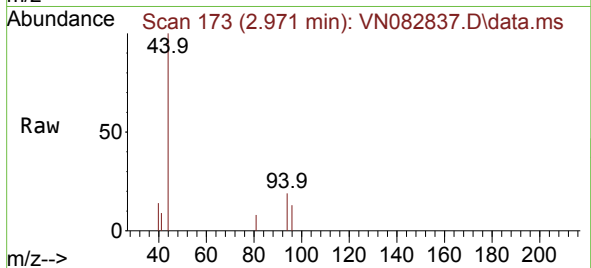




#5
Bromomethane
Concen: 0.742 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082837.D
Acq: 09 Jul 2024 14:09

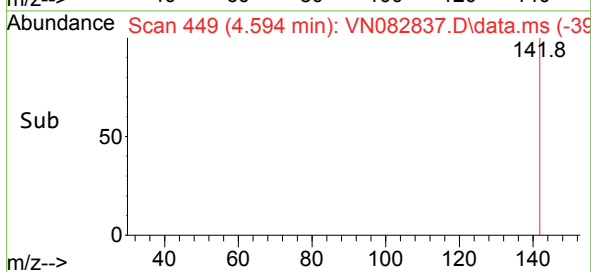
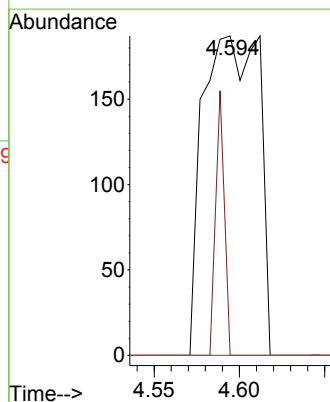
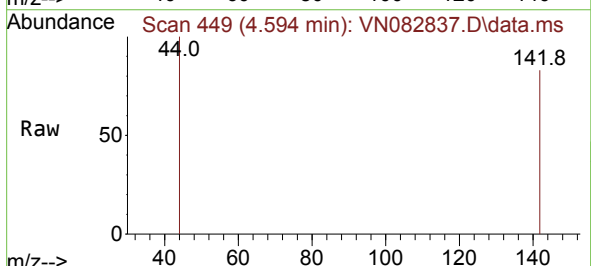
Instrument :
MSVOA_N
ClientSampleId :
IBLK

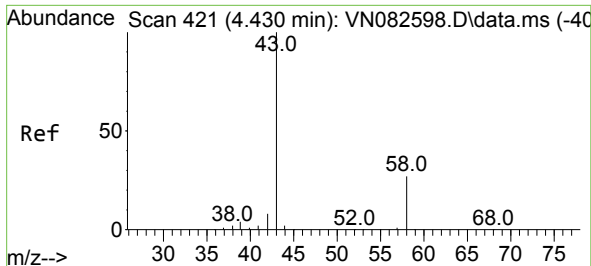
Tgt Ion: 94 Resp: 701
Ion Ratio Lower Upper
94 100
96 70.1 78.0 117.0#



#10
Methyl Iodide
Concen: 0.390 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN082837.D
Acq: 09 Jul 2024 14:09

Tgt Ion: 142 Resp: 427
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 13.1 19.7#





#16

Acetone

Concen: 0.419 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN082837.D

Acq: 09 Jul 2024 14:09

Instrument :

MSVOA_N

ClientSampleId :

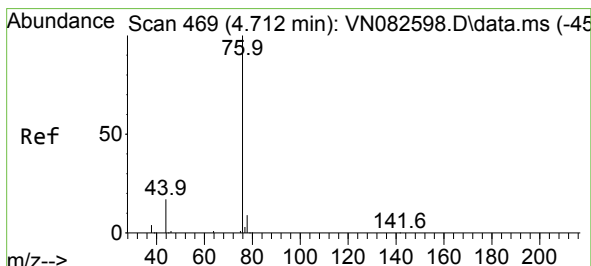
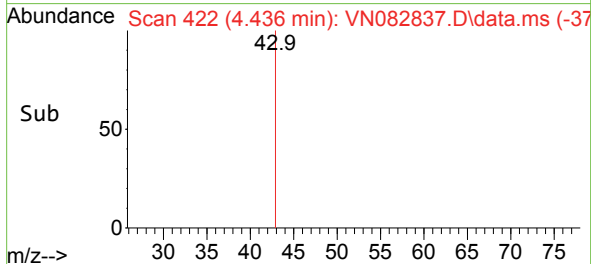
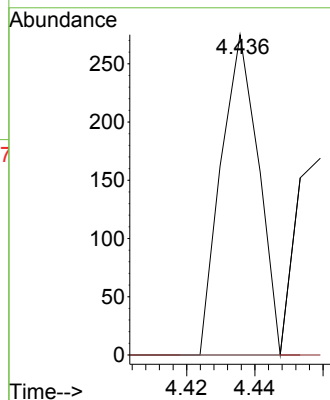
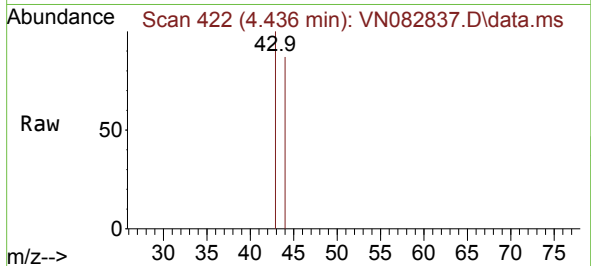
IBLK

Tgt Ion: 43 Resp: 210

Ion Ratio Lower Upper

43 100

58 0.0 21.8 32.6#



#17

Carbon Disulfide

Concen: 0.346 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.006 min

Lab File: VN082837.D

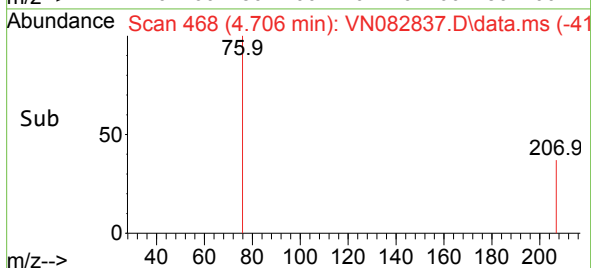
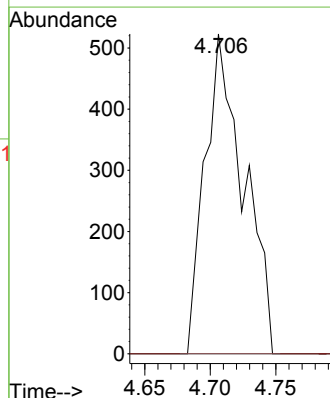
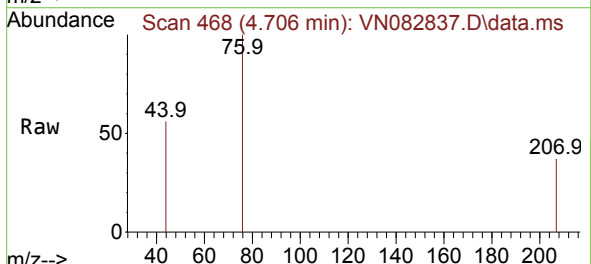
Acq: 09 Jul 2024 14:09

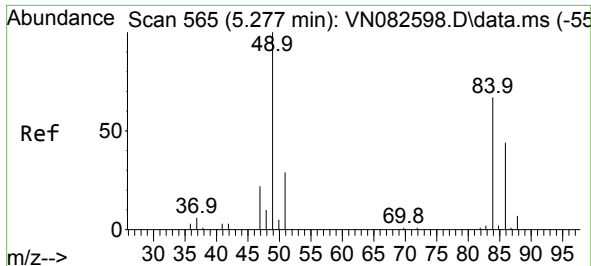
Tgt Ion: 76 Resp: 1074

Ion Ratio Lower Upper

76 100

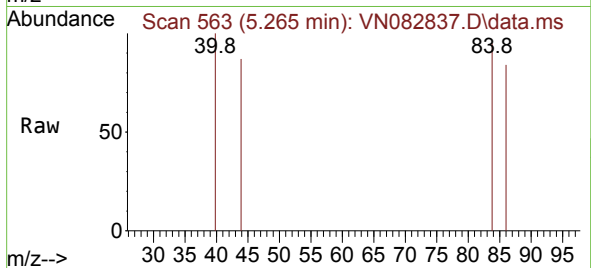
78 0.0 7.2 10.8#



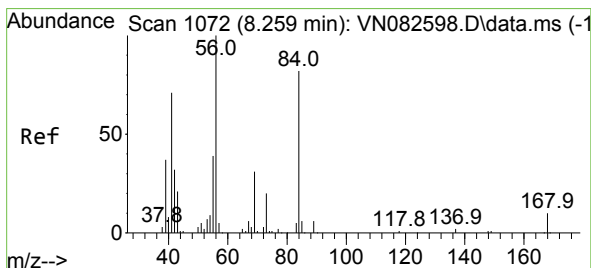
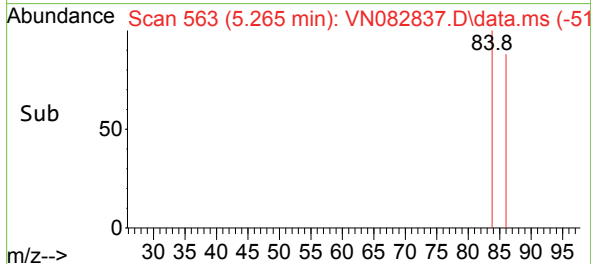
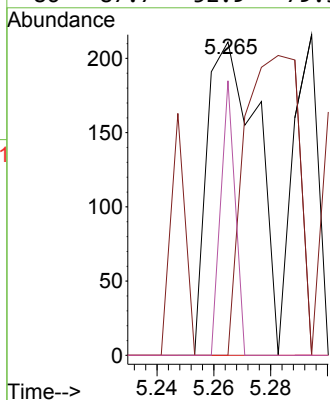


#20
Methylene Chloride
Concen: 0.212 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN082837.D
Acq: 09 Jul 2024 14:09

Instrument :
MSVOA_N
ClientSampleId :
IBLK

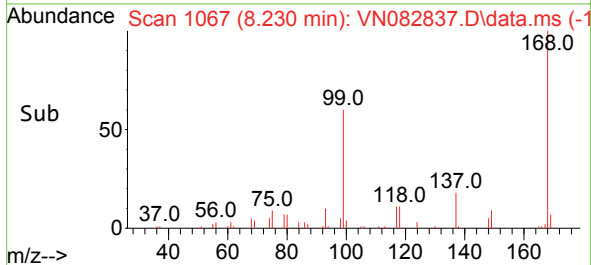
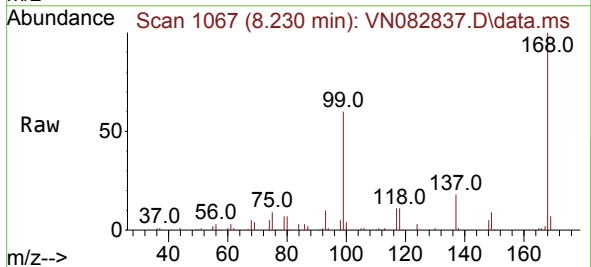
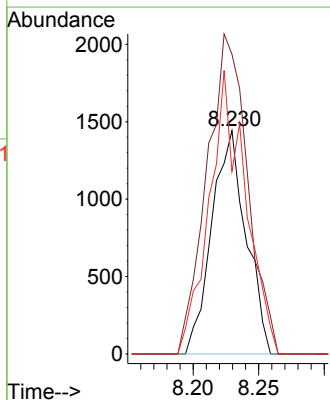


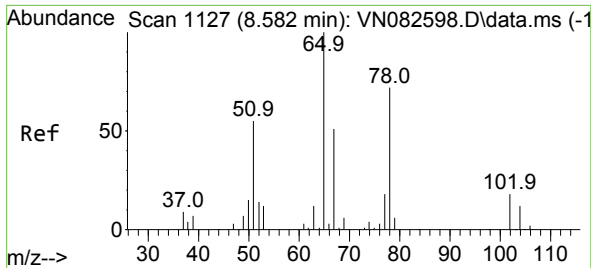
Tgt Ion:	84	Resp:	257
Ion	Ratio	Lower	Upper
84	100		
49	0.0	119.6	179.4#
51	0.0	34.8	52.2#
86	87.7	52.9	79.3#



#31
Cyclohexane
Concen: 1.409 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082837.D
Acq: 09 Jul 2024 14:09

Tgt Ion:	56	Resp:	2623
Ion	Ratio	Lower	Upper
56	100		
69	134.2	24.5	36.7#
84	81.8	66.0	99.0

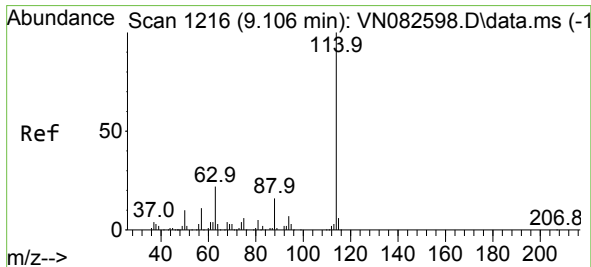
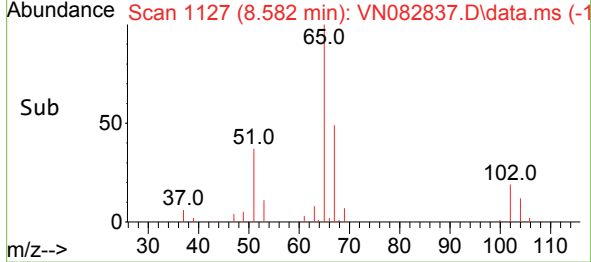
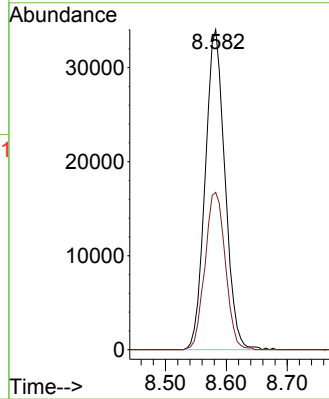
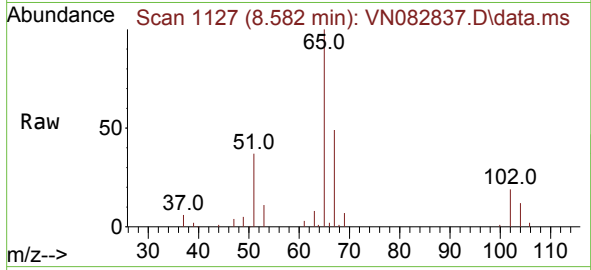




#33
 1,2-Dichloroethane-d4
 Concen: 53.800 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082837.D
 Acq: 09 Jul 2024 14:09

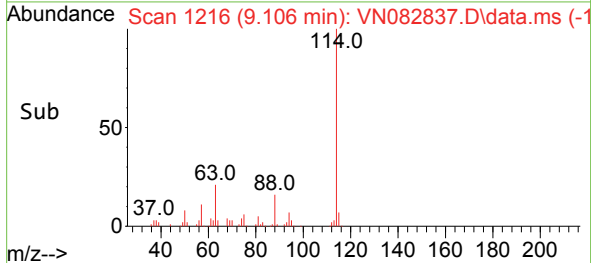
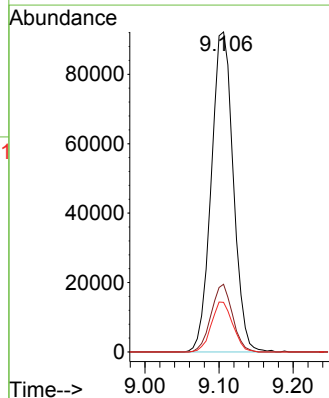
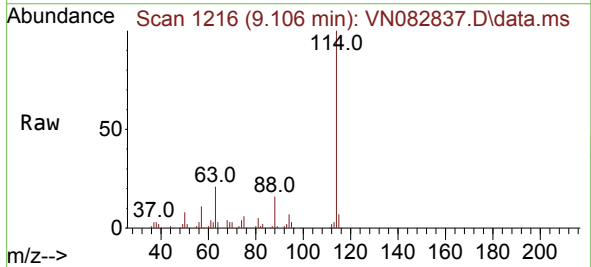
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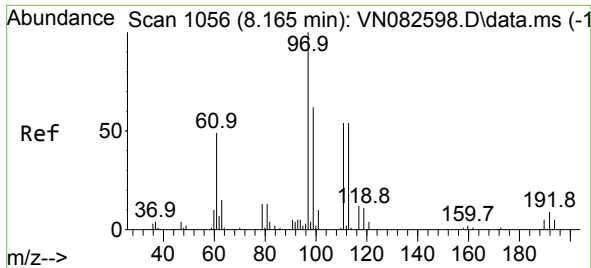
Tgt Ion: 65 Resp: 76633
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN082837.D
 Acq: 09 Jul 2024 14:09

Tgt Ion: 114 Resp: 190318
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 44.6
 88 15.5 0.0 31.4

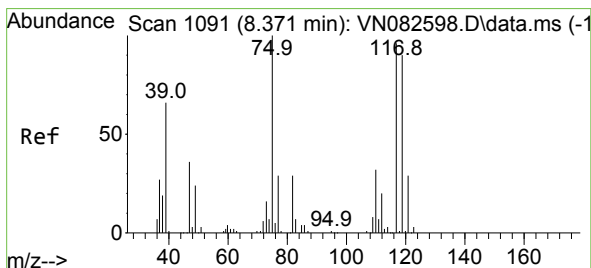
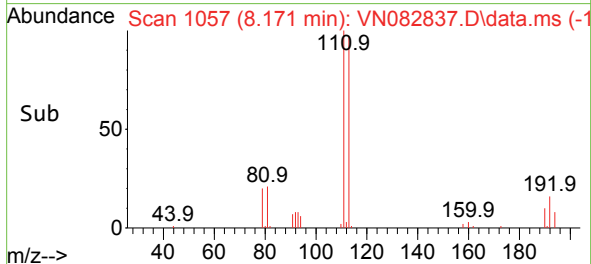
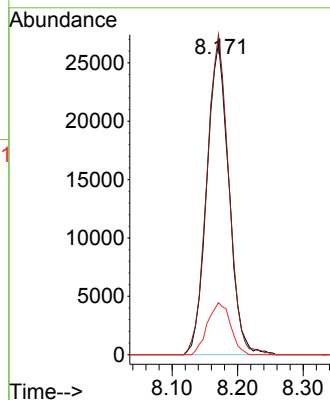
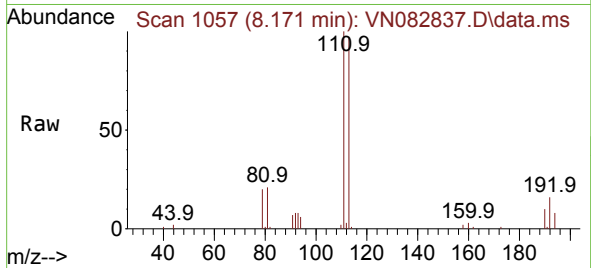




#35
Dibromofluoromethane
Concen: 51.059 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082837.D
Acq: 09 Jul 2024 14:09

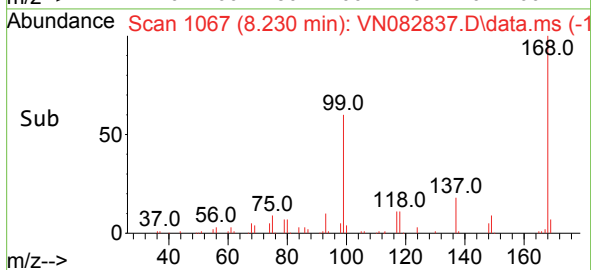
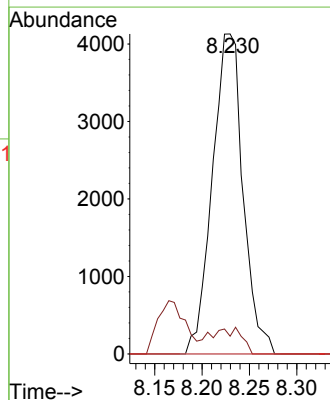
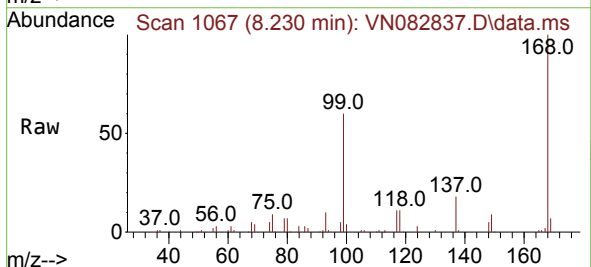
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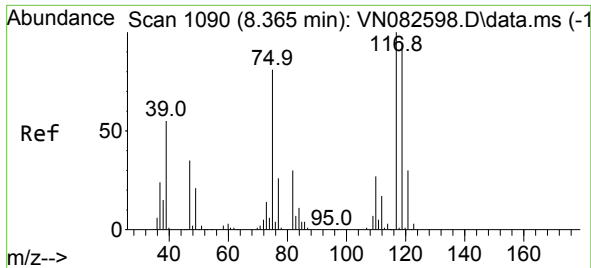
Tgt Ion:113 Resp: 62354
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 17.3 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.533 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082837.D
Acq: 09 Jul 2024 14:09

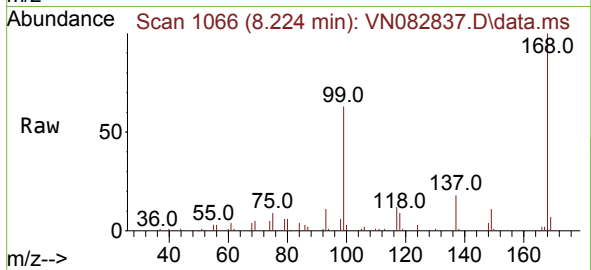
Tgt Ion: 75 Resp: 9316
Ion Ratio Lower Upper
75 100
110 7.9 16.3 48.9#
77 0.0 24.6 37.0#



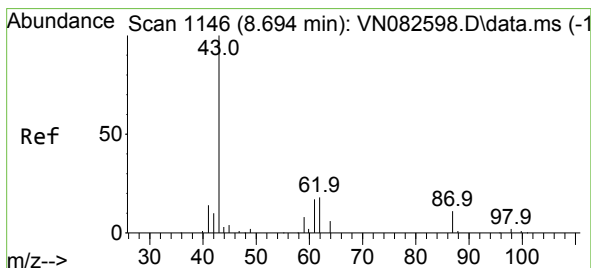
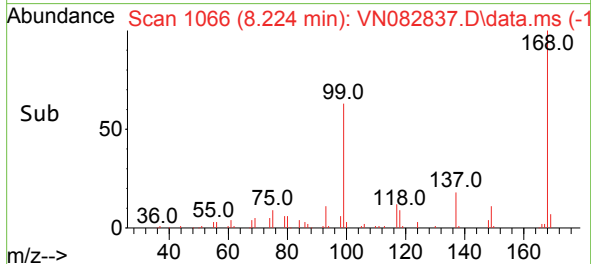
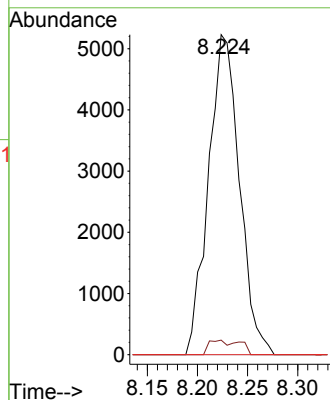


#38
Carbon Tetrachloride
Concen: 5.540 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082837.D
Acq: 09 Jul 2024 14:09

Instrument :
MSVOA_N
ClientSampleId :
IBLK

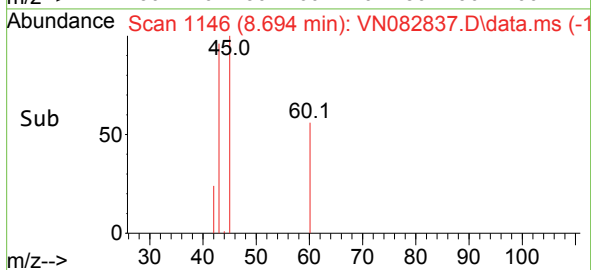
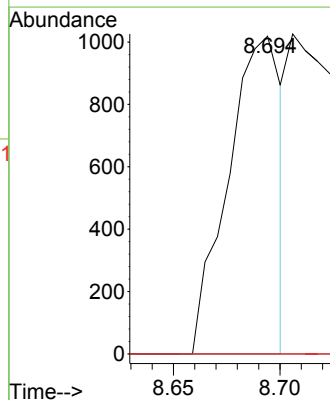
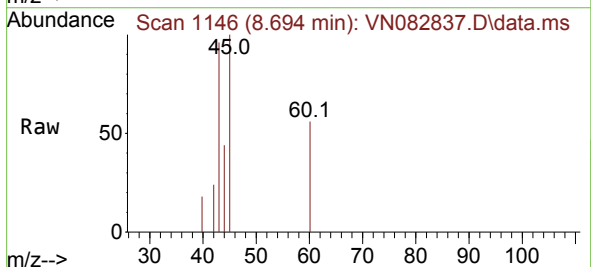


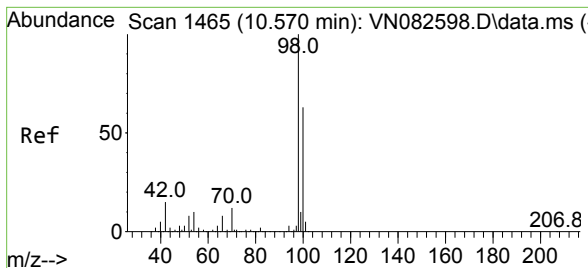
Tgt Ion:117 Resp: 11232
Ion Ratio Lower Upper
117 100
119 4.6 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082837.D
Acq: 09 Jul 2024 14:09

Tgt Ion: 43 Resp: 1763
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

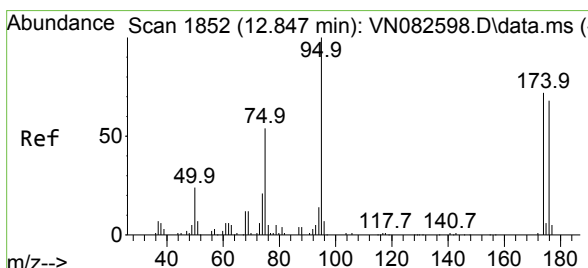
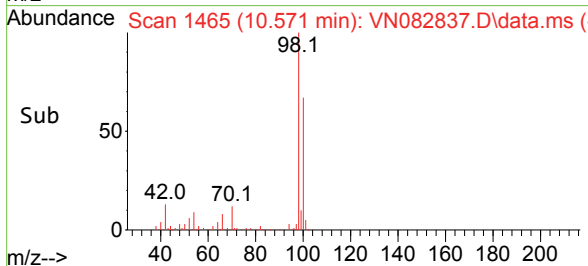
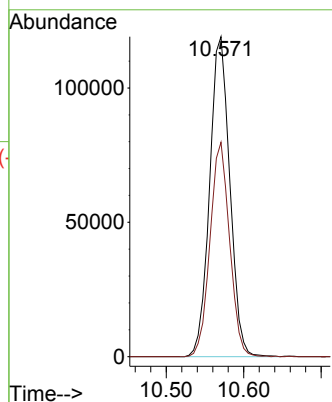
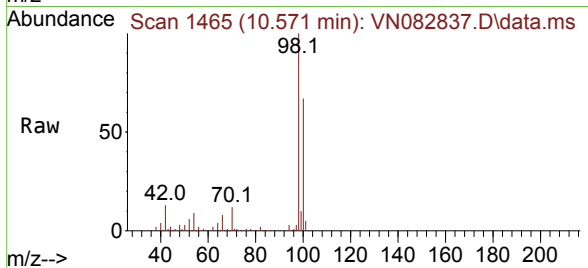




#50
Toluene-d8
Concen: 47.824 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082837.D
Acq: 09 Jul 2024 14:09

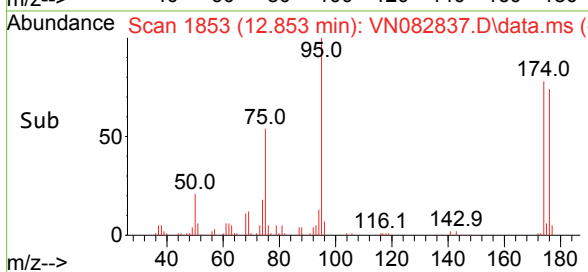
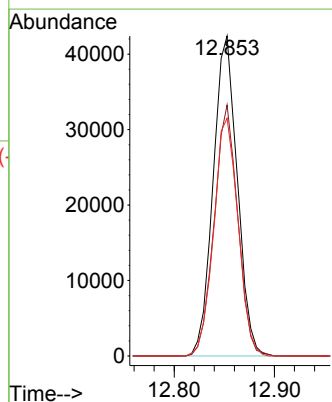
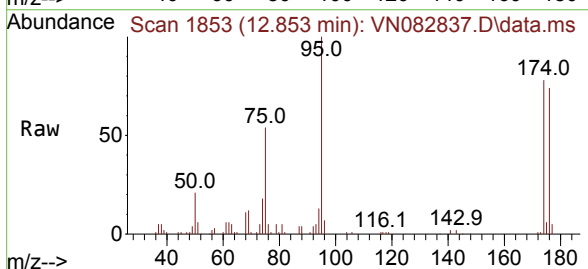
Instrument :
MSVOA_N
ClientSampleId :
IBLK

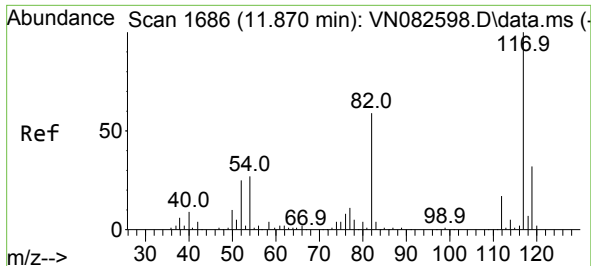
Tgt Ion: 98 Resp: 215712
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 43.689 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082837.D
Acq: 09 Jul 2024 14:09

Tgt Ion: 95 Resp: 70786
Ion Ratio Lower Upper
95 100
174 76.5 0.0 159.2
176 74.9 0.0 147.6

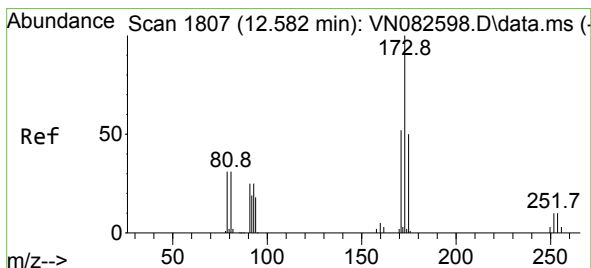
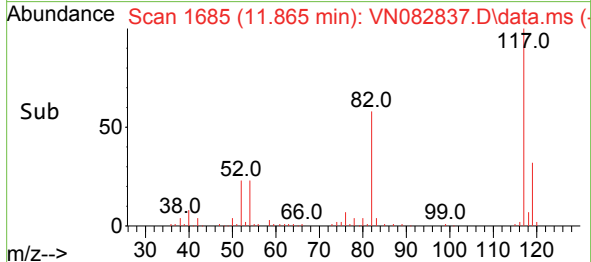
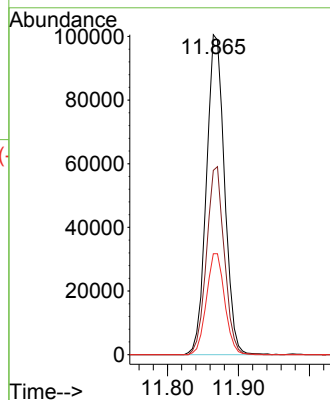
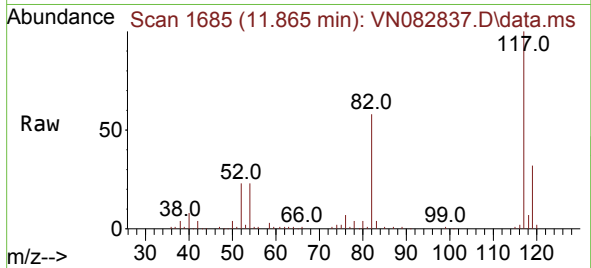




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN082837.D
Acq: 09 Jul 2024 14:09

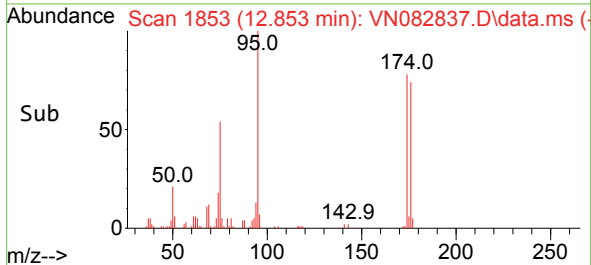
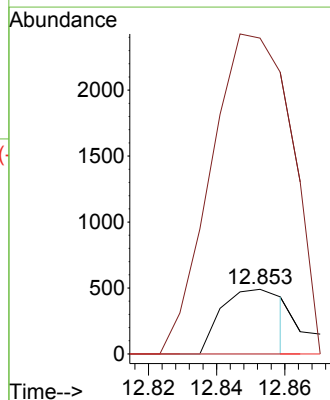
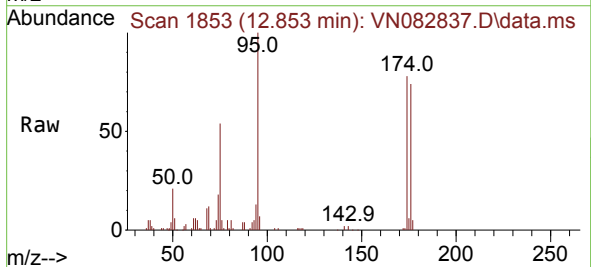
Instrument :
MSVOA_N
ClientSampleId :
IBLK

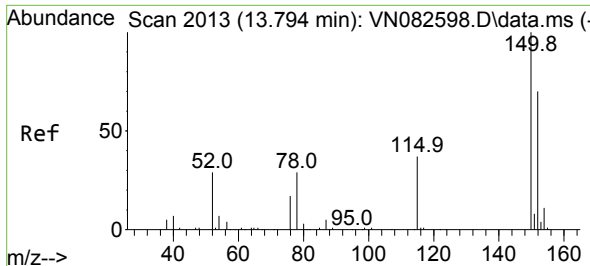
Tgt Ion:117 Resp: 178201
Ion Ratio Lower Upper
117 100
82 57.6 47.5 71.3
119 31.6 25.6 38.4



#71
Bromoform
Concen: 0.575 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN082837.D
Acq: 09 Jul 2024 14:09

Tgt Ion:173 Resp: 614
Ion Ratio Lower Upper
173 100
175 576.7 24.0 72.0#
254 0.0 0.0 0.0

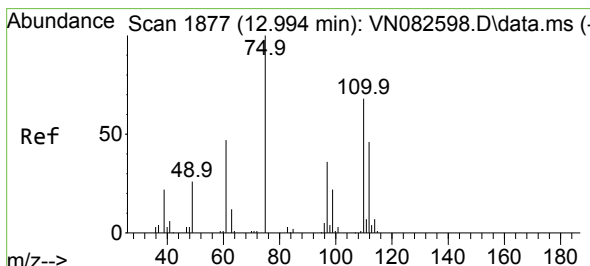
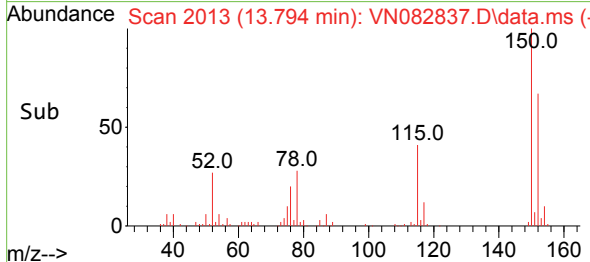
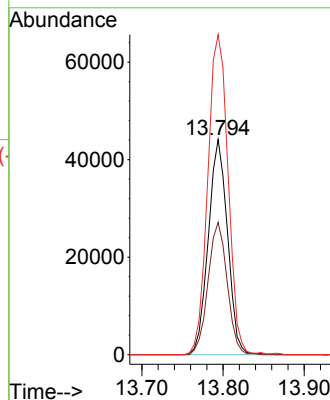
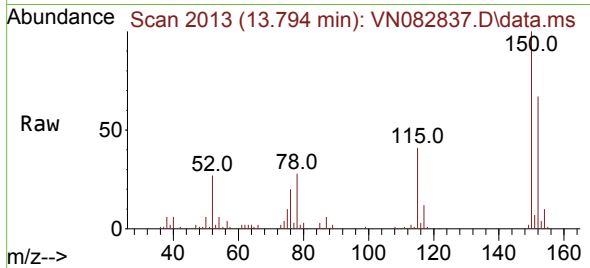




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082837.D
 Acq: 09 Jul 2024 14:09

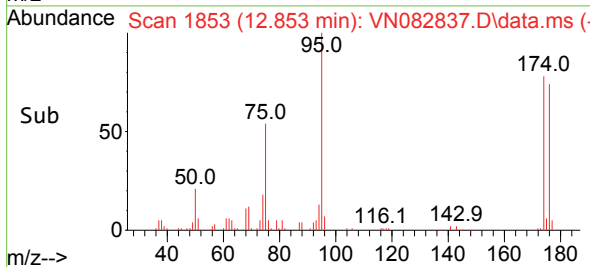
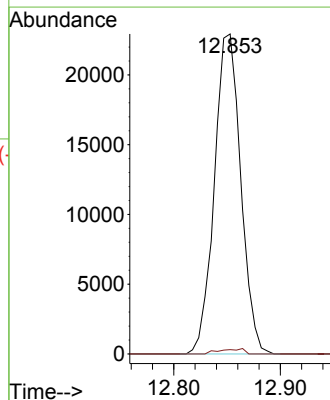
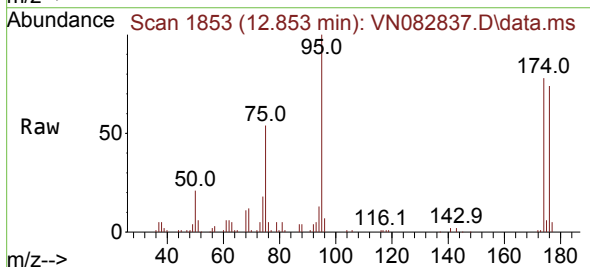
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

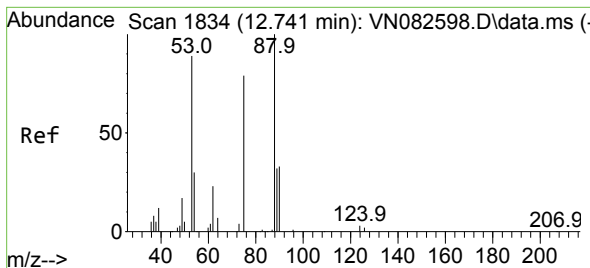
Tgt Ion:152 Resp: 72541
 Ion Ratio Lower Upper
 152 100
 115 61.1 30.6 91.6
 150 156.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 31.524 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082837.D
 Acq: 09 Jul 2024 14:09

Tgt Ion: 75 Resp: 39425
 Ion Ratio Lower Upper
 75 100
 77 1.5 110.9 332.6#

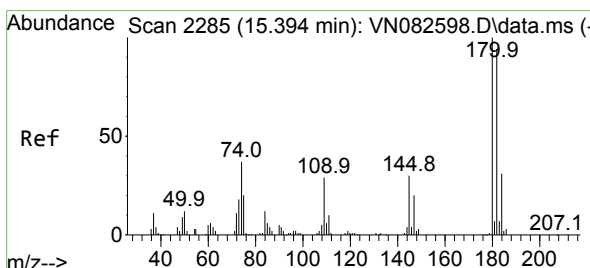
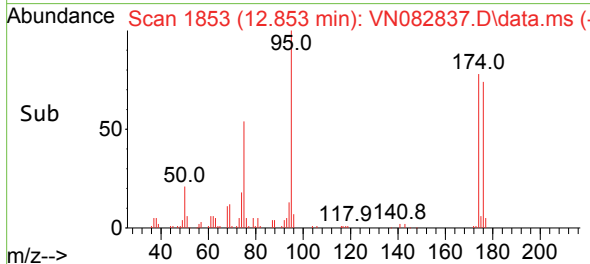
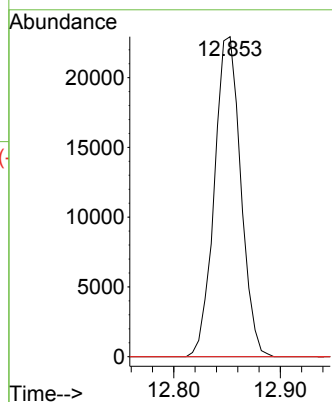
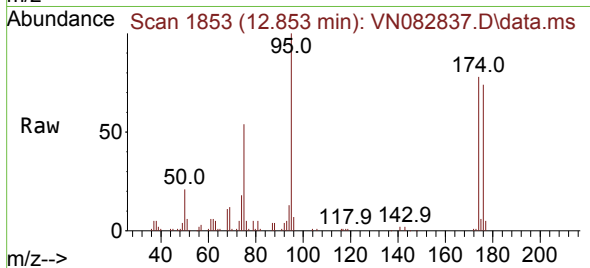




#81
trans-1,4-Dichloro-2-butene
Concen: 61.998 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082837.D
Acq: 09 Jul 2024 14:09

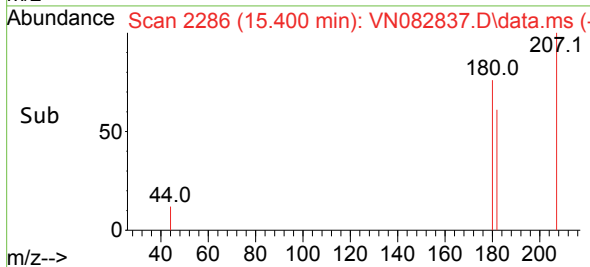
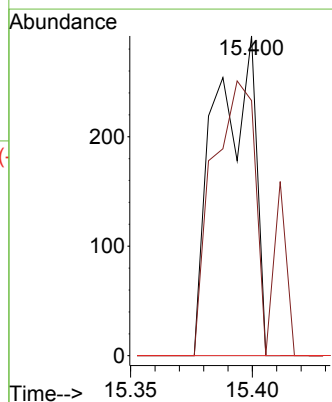
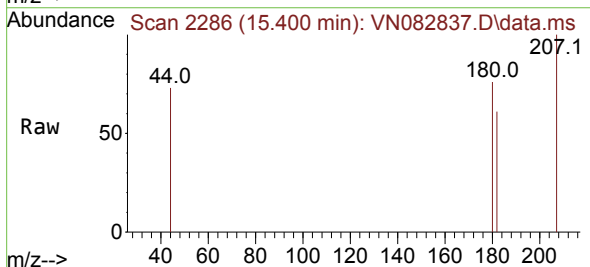
Instrument :
MSVOA_N
ClientSampleId :
IBLK

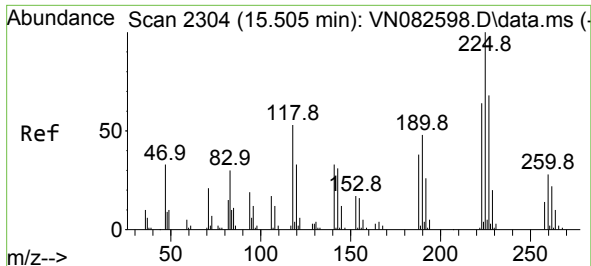
Tgt Ion: 75 Resp: 39425
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.259 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VN082837.D
Acq: 09 Jul 2024 14:09

Tgt Ion: 180 Resp: 333
Ion Ratio Lower Upper
180 100
182 106.9 47.3 141.8
145 0.0 15.7 47.1#

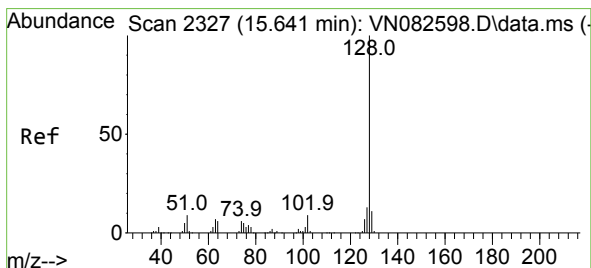
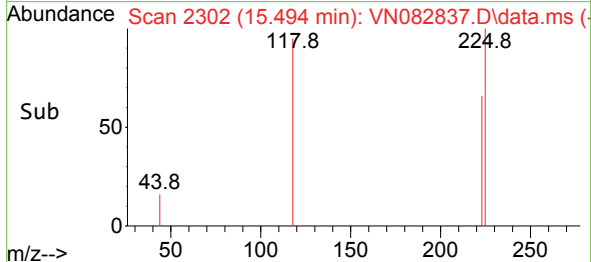
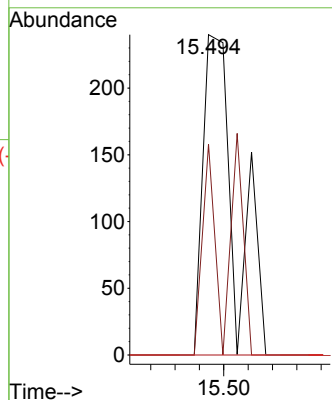
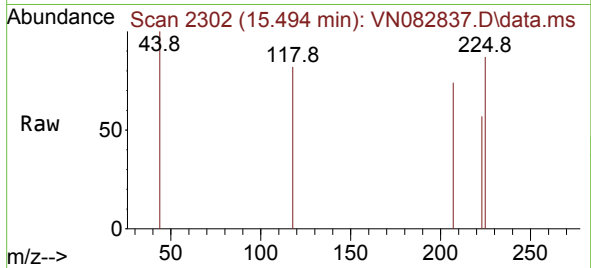




#94
Hexachlorobutadiene
Concen: 0.388 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN082837.D
Acq: 09 Jul 2024 14:09

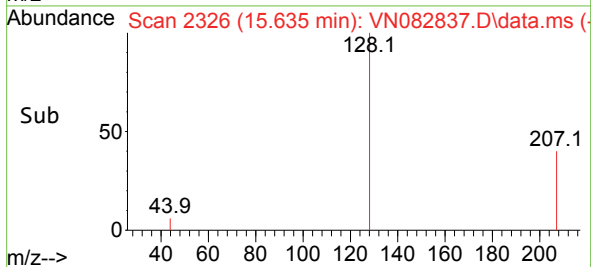
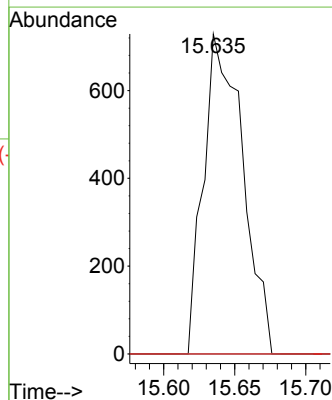
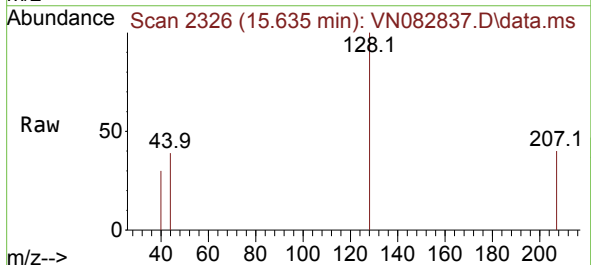
Instrument :
MSVOA_N
ClientSampleId :
IBLK

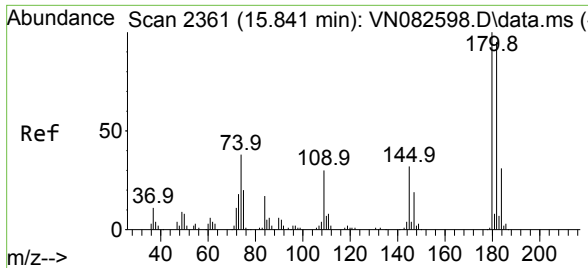
Tgt Ion:225 Resp: 221
Ion Ratio Lower Upper
225 100
223 51.6 31.9 95.7
227 0.0 32.5 97.5#



#95
Naphthalene
Concen: 0.317 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN082837.D
Acq: 09 Jul 2024 14:09

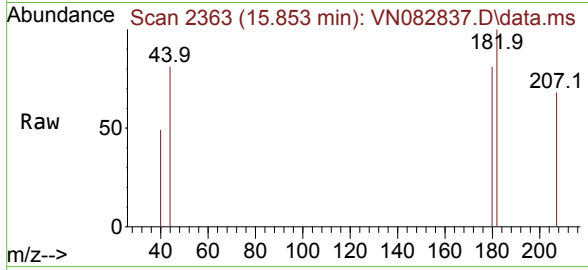
Tgt Ion:128 Resp: 1397
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.266 ug/l
 RT: 15.853 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN082837.D
 Acq: 09 Jul 2024 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:180 Resp: 352
 Ion Ratio Lower Upper
 180 100
 182 99.4 48.9 146.8
 145 0.0 16.8 50.4#

