

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083337.D
 Acq On : 15 Aug 2024 17:37
 Operator : JC\MD
 Sample : P3456-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-4

Quant Time: Aug 16 03:58:11 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)

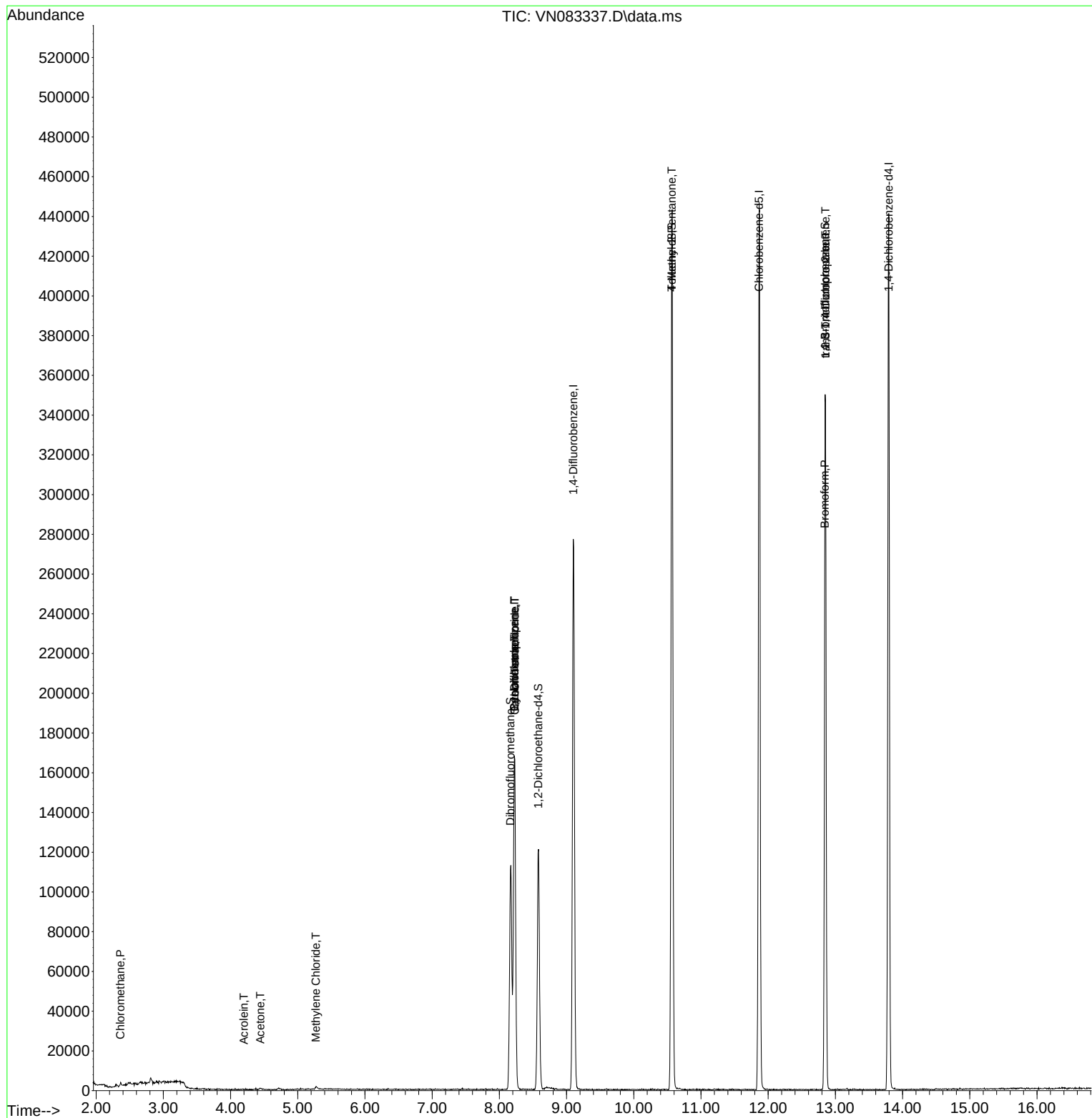
Internal Standards						
1) Pentafluorobenzene	8.224	168	117857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	236930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102649	61.189	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	122.380%
35) Dibromofluoromethane	8.165	113	81581	55.165	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.320%
50) Toluene-d8	10.565	98	303750	55.062	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.120%
62) 4-Bromofluorobenzene	12.847	95	127241	59.164	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	118.320%
Target Compounds						
						Qvalue
3) Chloromethane	2.359	50	857	0.626	ug/l	90
13) Acrolein	4.200	56	56	0.246	ug/l #	14
16) Acetone	4.442	43	954	1.453	ug/l #	48
20) Methylene Chloride	5.271	84	753	0.498	ug/l #	77
31) Cyclohexane	8.224	56	3337	1.342	ug/l #	23
36) 1,1-Dichloropropene	8.224	75	11003	4.918	ug/l #	50
38) Carbon Tetrachloride	8.230	117	14278	5.667	ug/l #	16
43) Isopropyl Acetate	8.694	43	449	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1452	0.613	ug/l #	1
71) Bromoform	12.841	173	377	0.253	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	69137	27.146	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	69137	59.049	ug/l #	6

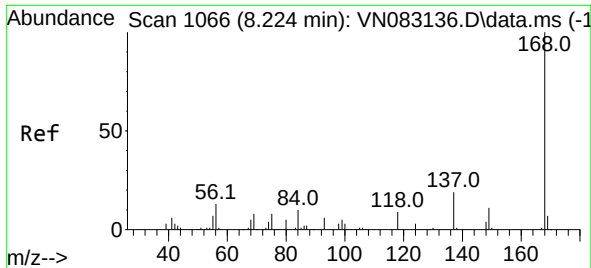
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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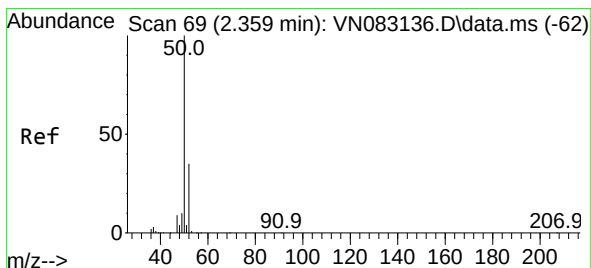
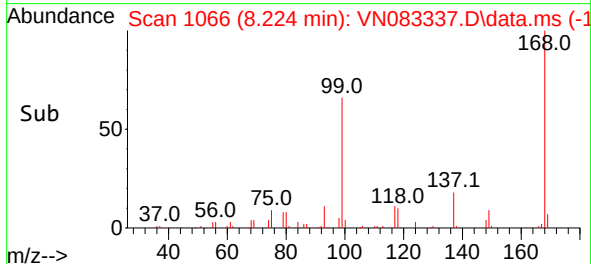
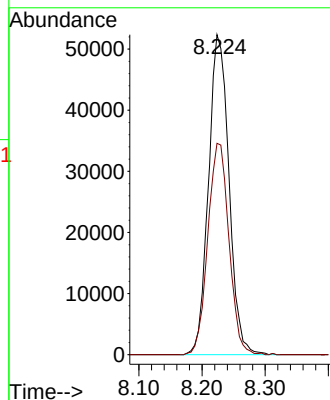
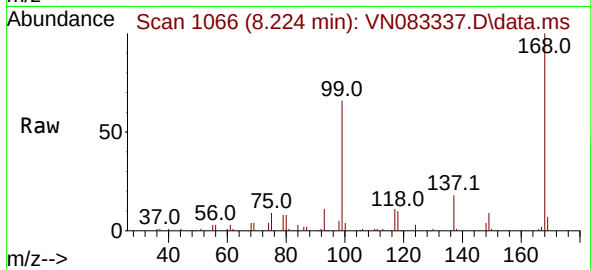




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083337.D
Acq: 15 Aug 2024 17:37

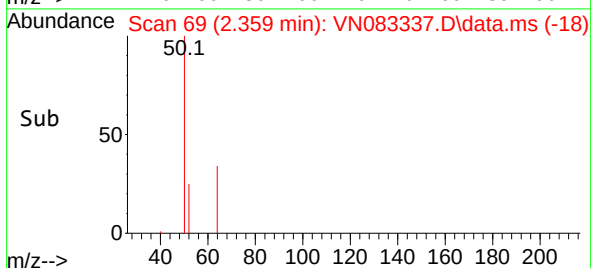
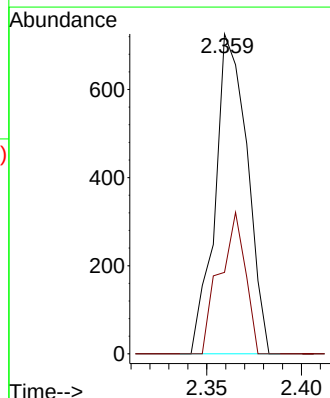
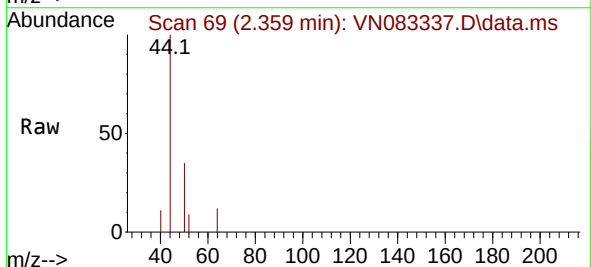
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

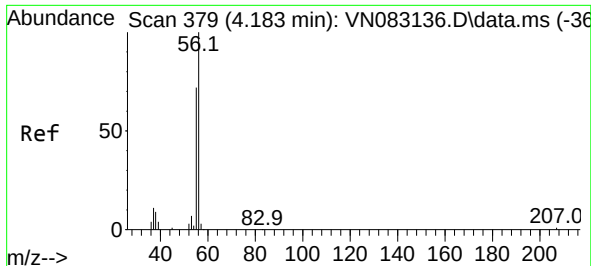
Tgt Ion:168 Resp: 117857
Ion Ratio Lower Upper
168 100
99 66.1 48.2 72.4



#3
Chloromethane
Concen: 0.626 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083337.D
Acq: 15 Aug 2024 17:37

Tgt Ion: 50 Resp: 857
Ion Ratio Lower Upper
50 100
52 25.5 25.0 37.4

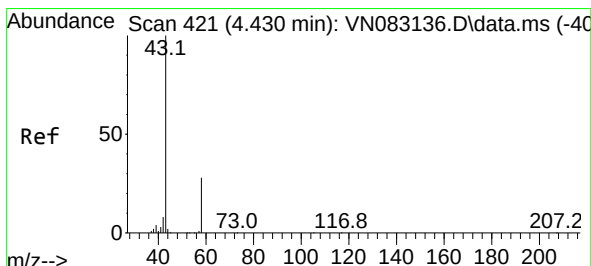
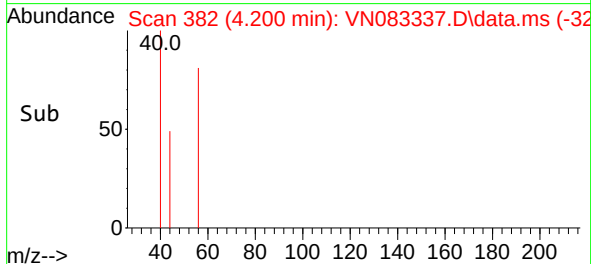
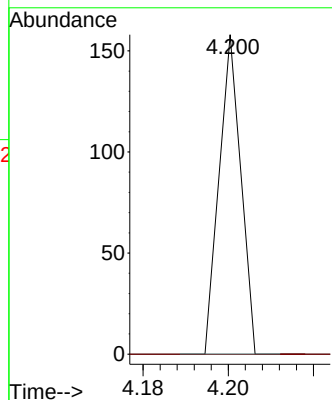
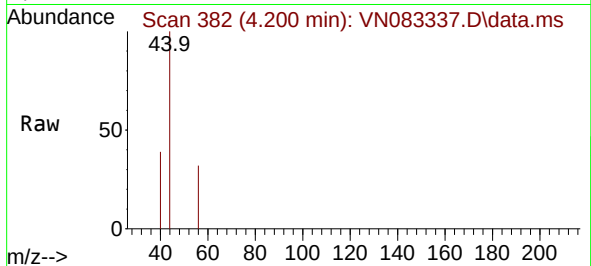




#13
Acrolein
Concen: 0.246 ug/l
RT: 4.200 min Scan# 382
Delta R.T. 0.018 min
Lab File: VN083337.D
Acq: 15 Aug 2024 17:37

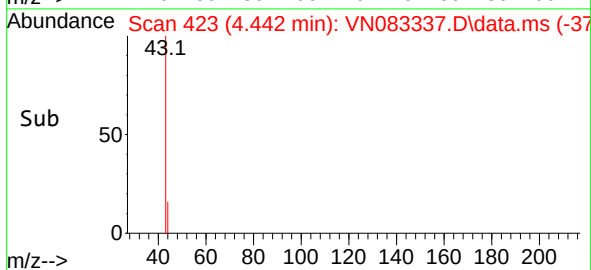
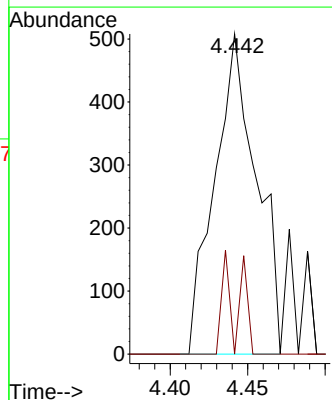
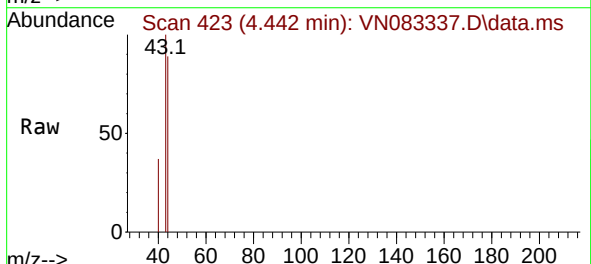
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

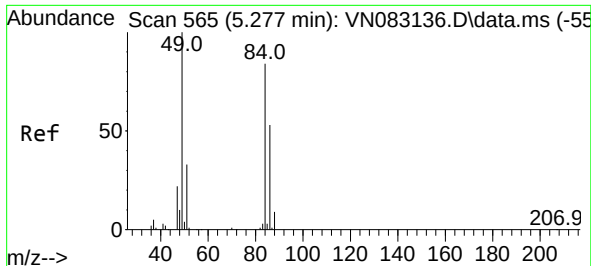
Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.453 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083337.D
Acq: 15 Aug 2024 17:37

Tgt Ion: 43 Resp: 954
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#

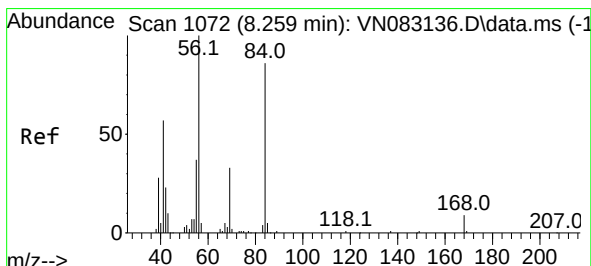
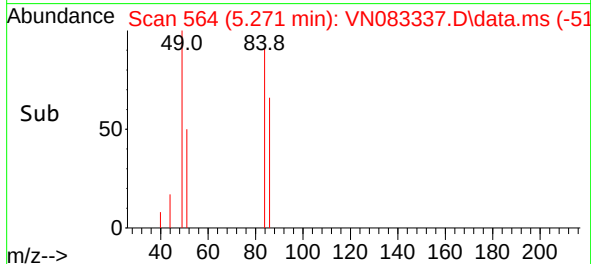
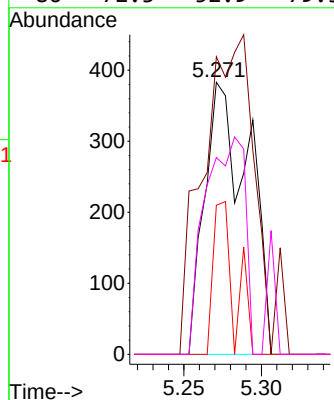
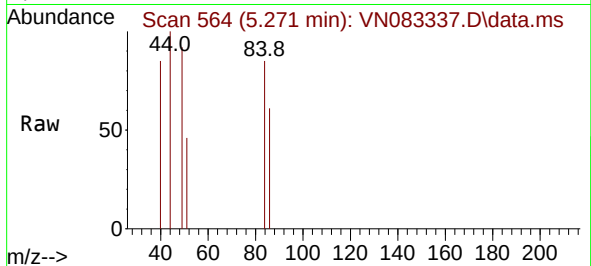




#20
Methylene Chloride
Concen: 0.498 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083337.D
Acq: 15 Aug 2024 17:37

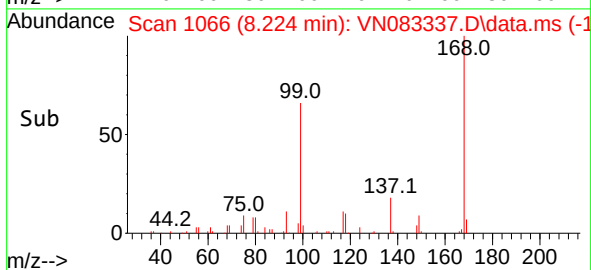
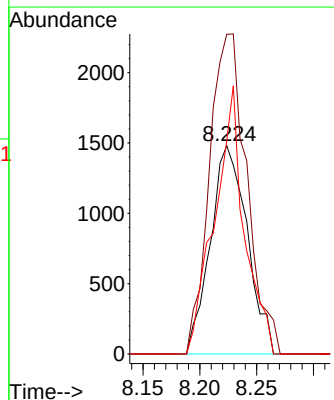
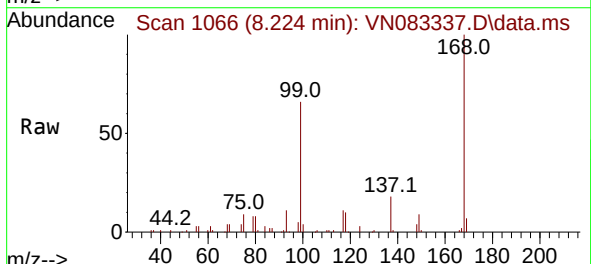
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

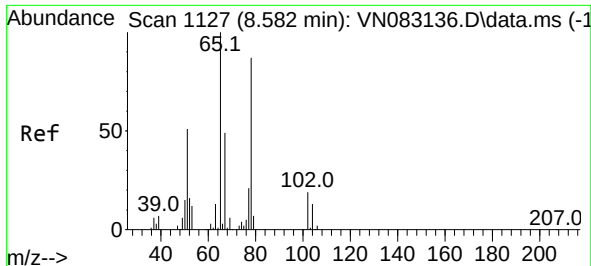
Tgt Ion:	84	Resp:	753
Ion	Ratio	Lower	Upper
84	100		
49	109.4	119.6	179.4#
51	54.8	34.8	52.2#
86	72.3	52.9	79.3



#31
Cyclohexane
Concen: 1.342 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083337.D
Acq: 15 Aug 2024 17:37

Tgt Ion:	56	Resp:	3337
Ion	Ratio	Lower	Upper
56	100		
69	153.6	24.5	36.7#
84	102.4	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 61.189 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083337.D

Acq: 15 Aug 2024 17:37

Instrument :

MSVOA_N

ClientSampleId :

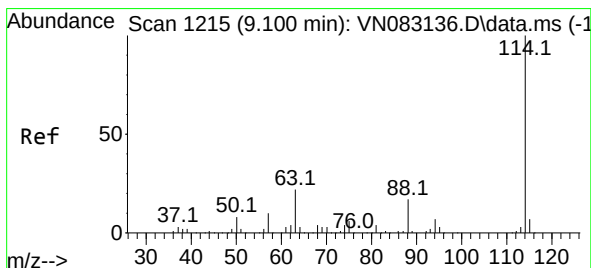
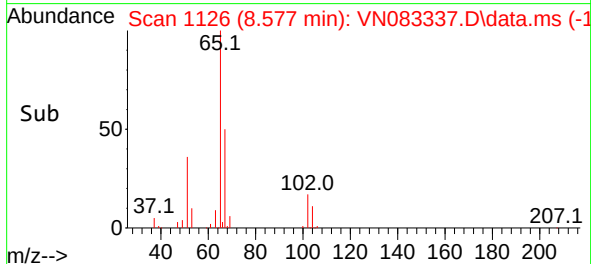
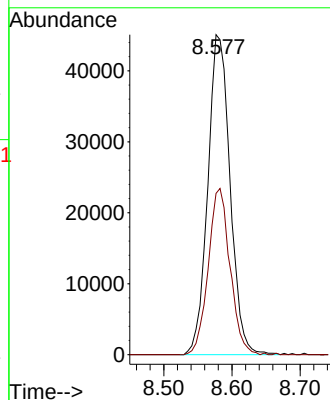
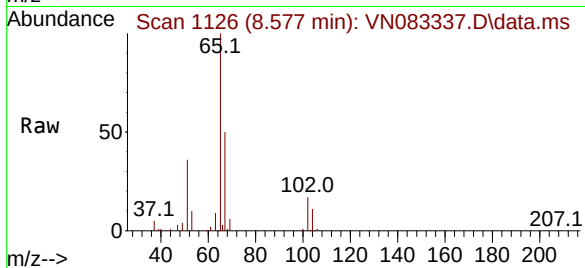
Storage-Blank-WATER-REF-4

Tgt Ion: 65 Resp: 102649

Ion Ratio Lower Upper

65 100

67 50.8 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: VN083337.D

Acq: 15 Aug 2024 17:37

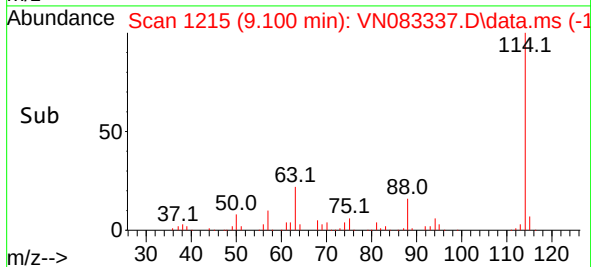
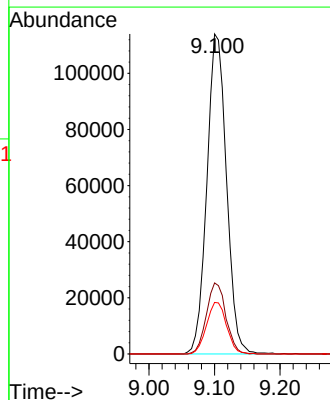
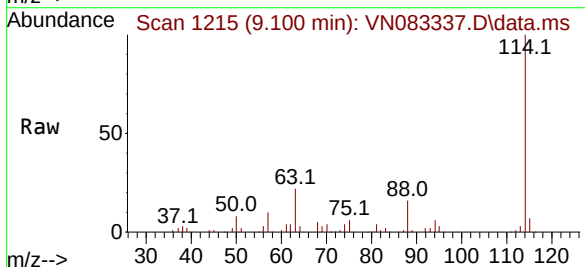
Tgt Ion: 114 Resp: 236930

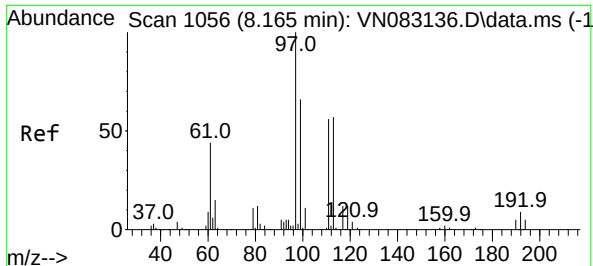
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

88 16.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.165 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083337.D

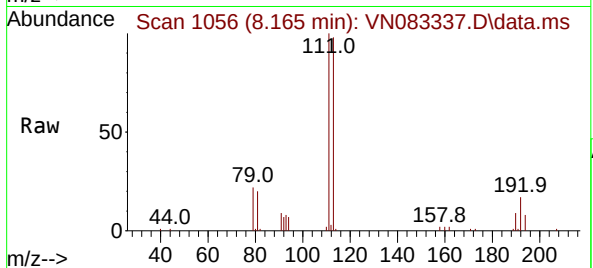
Acq: 15 Aug 2024 17:37

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-4



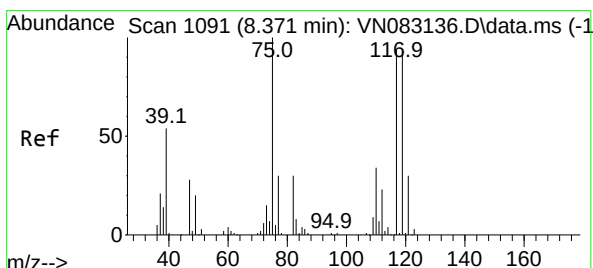
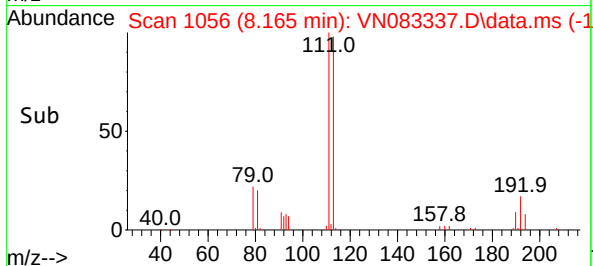
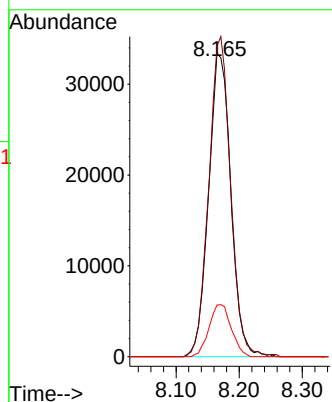
Tgt Ion:113 Resp: 81581

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

192 17.2 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.918 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083337.D

Acq: 15 Aug 2024 17:37

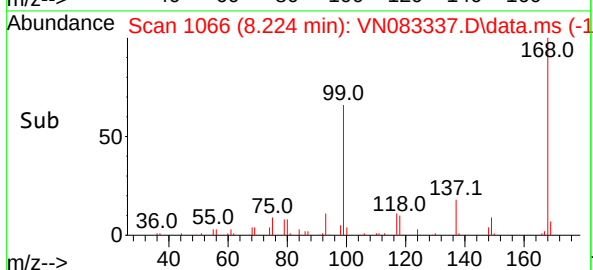
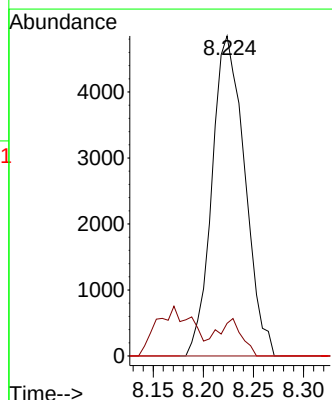
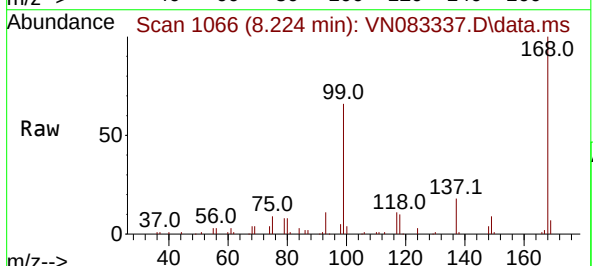
Tgt Ion: 75 Resp: 11003

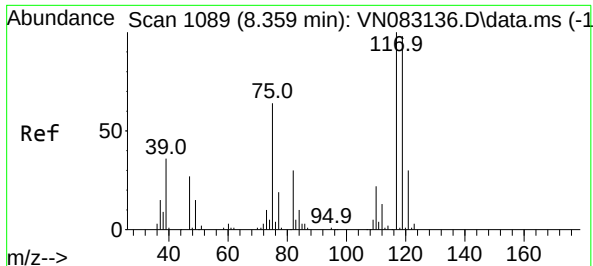
Ion Ratio Lower Upper

75 100

110 8.1 16.3 48.9#

77 0.0 24.6 37.0#

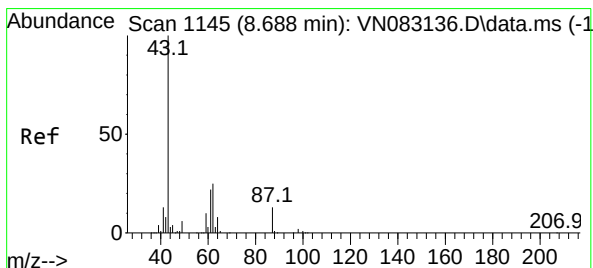
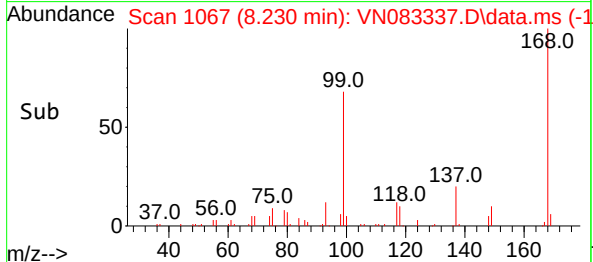
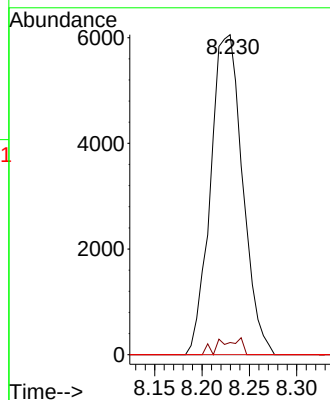
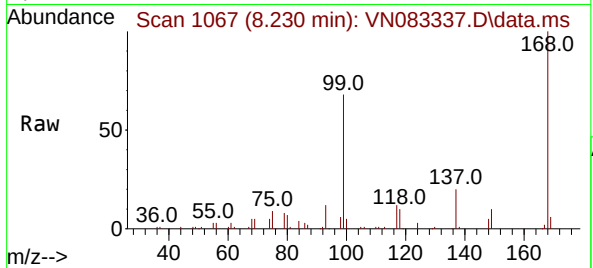




#38
Carbon Tetrachloride
Concen: 5.667 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.129 min
Lab File: VN083337.D
Acq: 15 Aug 2024 17:37

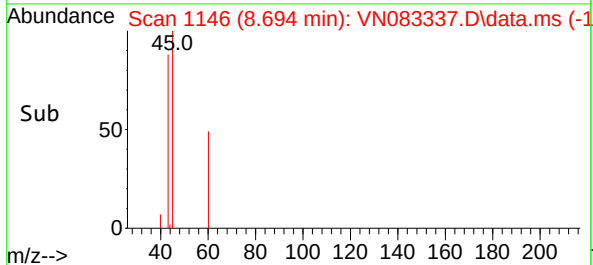
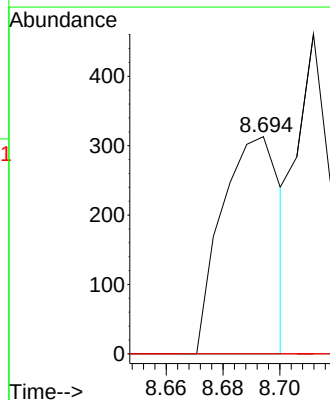
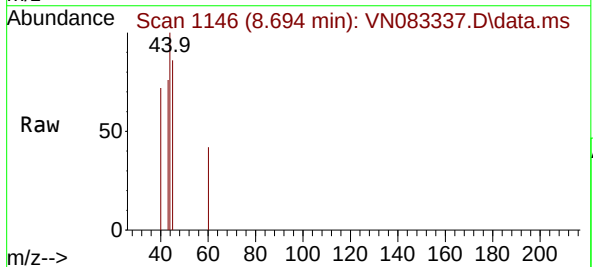
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-WATER-REF-4

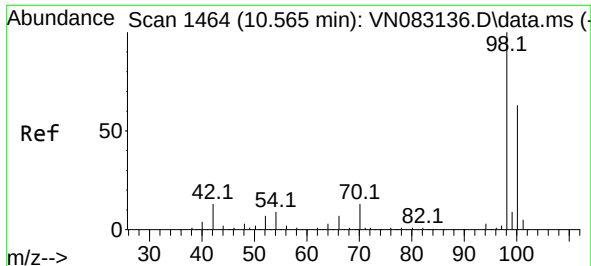
Tgt Ion:117 Resp: 14278
Ion Ratio Lower Upper
117 100
119 3.8 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN083337.D
Acq: 15 Aug 2024 17:37

Tgt Ion: 43 Resp: 449
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

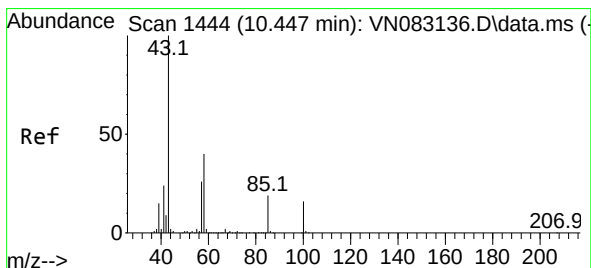
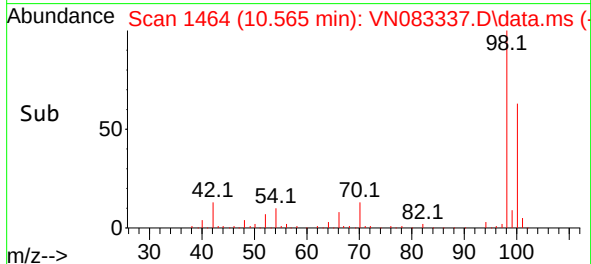
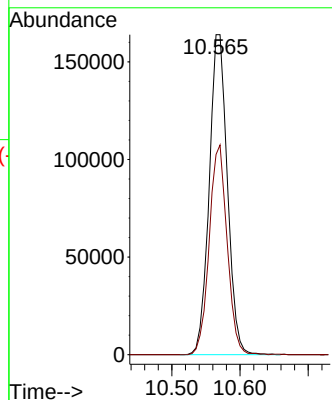
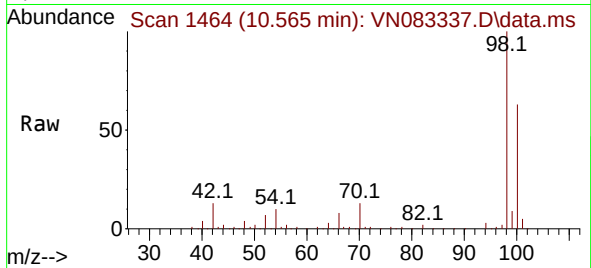




#50
Toluene-d8
Concen: 55.062 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083337.D
Acq: 15 Aug 2024 17:37

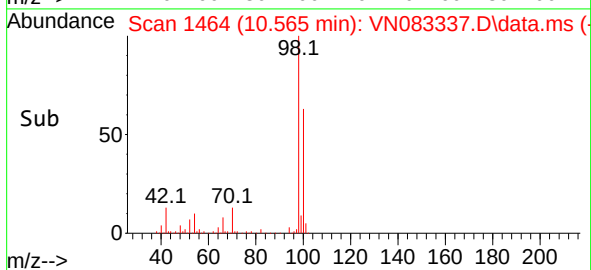
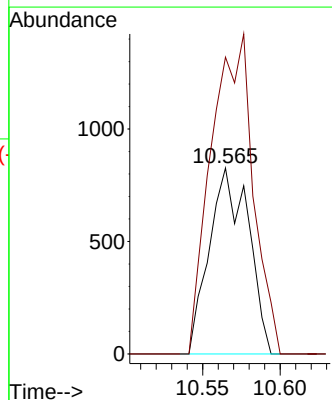
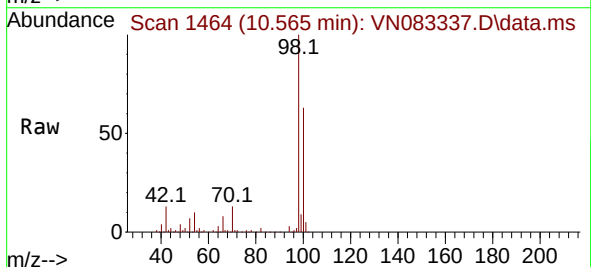
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-WATER-REF-4

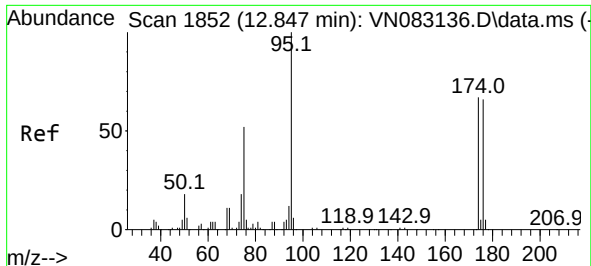
Tgt Ion: 98 Resp: 303750
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.613 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083337.D
Acq: 15 Aug 2024 17:37

Tgt Ion: 43 Resp: 1452
Ion Ratio Lower Upper
43 100
58 184.2 28.2 42.4#

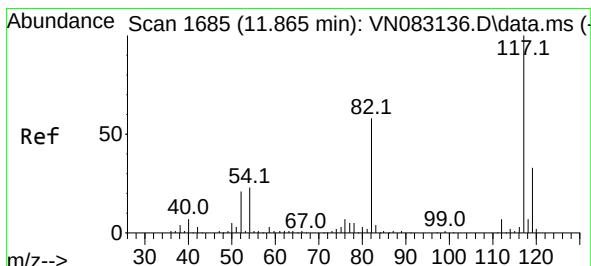
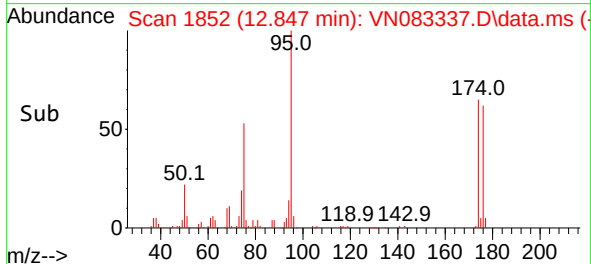
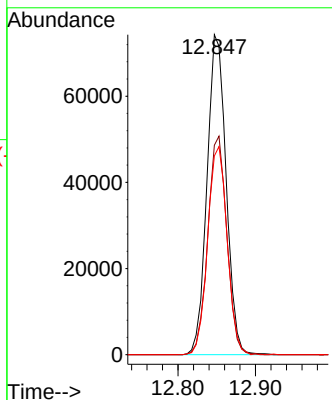
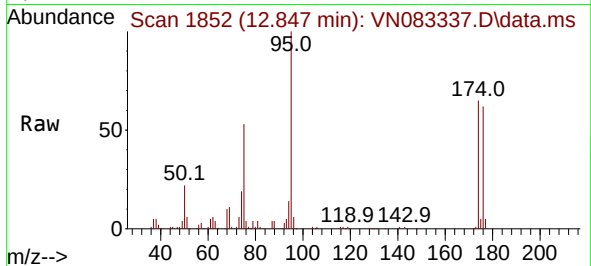




#62
4-Bromofluorobenzene
Concen: 59.164 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083337.D
Acq: 15 Aug 2024 17:37

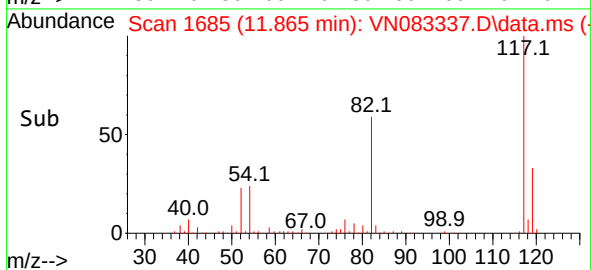
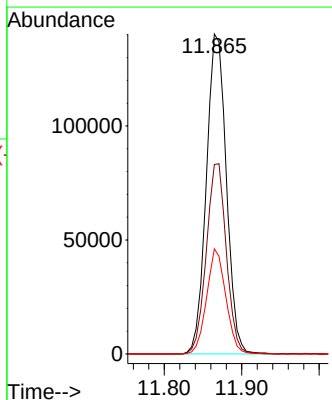
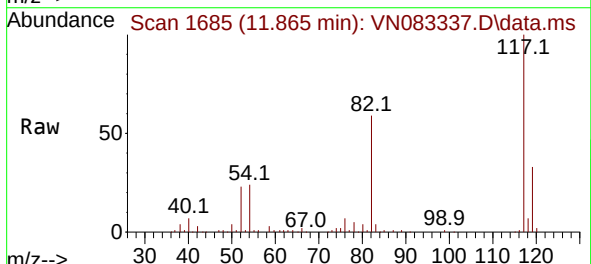
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

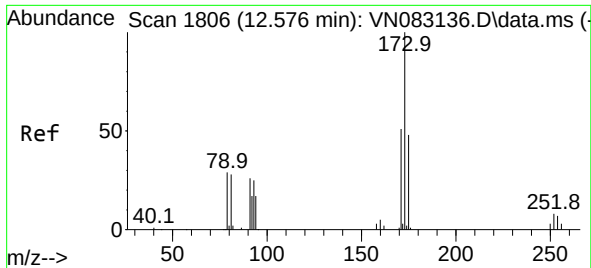
Tgt Ion: 95 Resp: 127241
Ion Ratio Lower Upper
95 100
174 68.0 0.0 159.2
176 66.3 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083337.D
Acq: 15 Aug 2024 17:37

Tgt Ion: 117 Resp: 252402
Ion Ratio Lower Upper
117 100
82 59.2 47.5 71.3
119 32.8 25.6 38.4

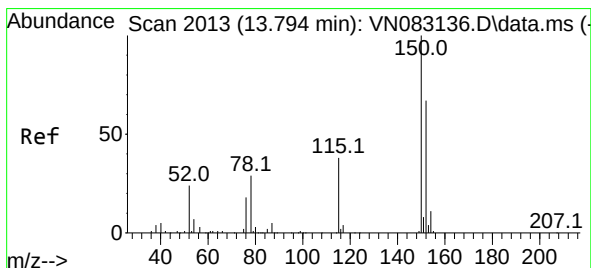
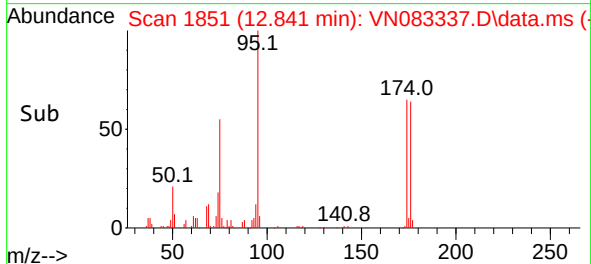
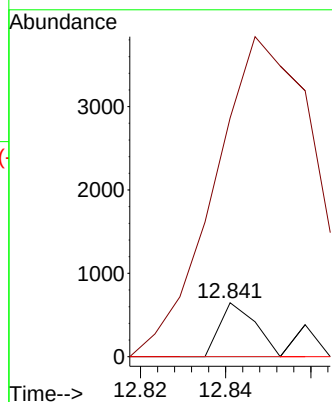
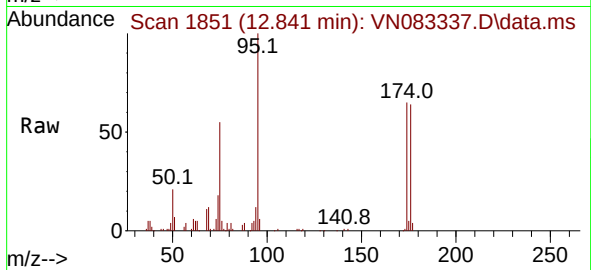




#71
Bromoform
Concen: 0.253 ug/l
RT: 12.841 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN083337.D
Acq: 15 Aug 2024 17:37

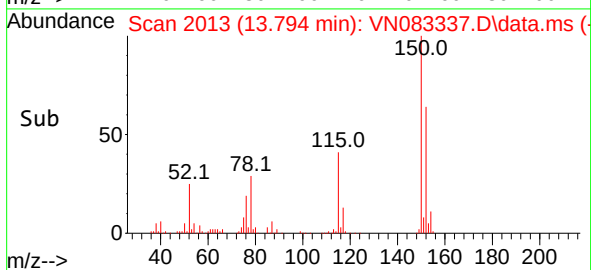
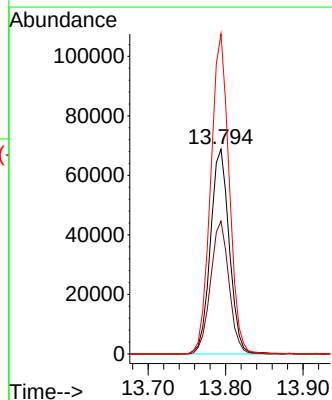
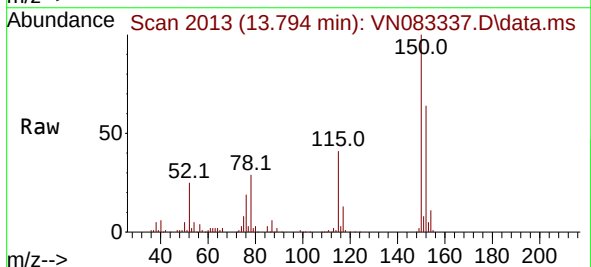
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

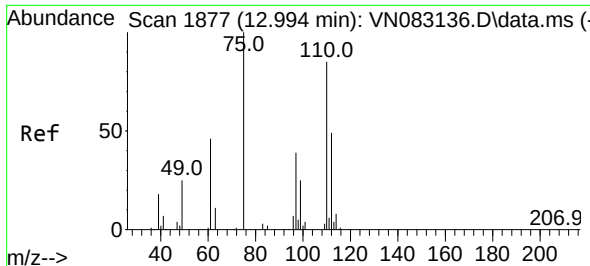
Tgt Ion:173 Resp: 377
Ion Ratio Lower Upper
173 100
175 1198.1 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083337.D
Acq: 15 Aug 2024 17:37

Tgt Ion:152 Resp: 116043
Ion Ratio Lower Upper
152 100
115 63.6 30.6 91.6
150 153.7 0.0 348.6

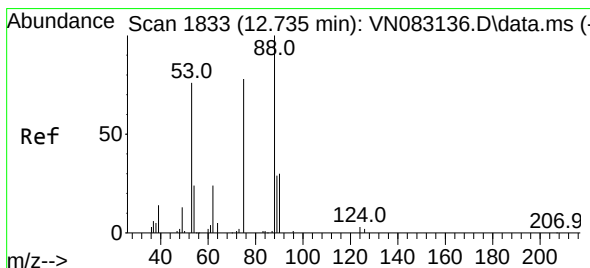
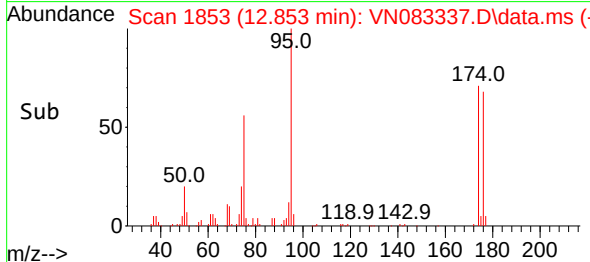
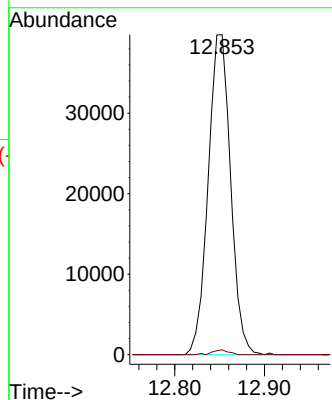
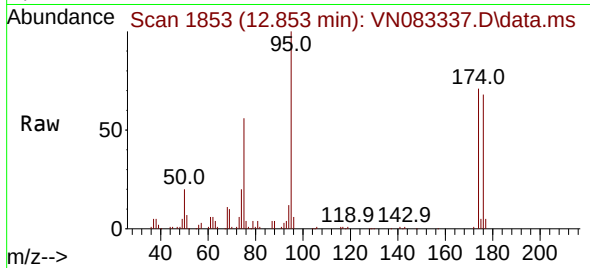




#76
1,2,3-Trichloropropane
Concen: 27.146 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083337.D
Acq: 15 Aug 2024 17:37

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion: 75 Resp: 69137
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.049 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN083337.D
Acq: 15 Aug 2024 17:37

Tgt Ion: 75 Resp: 69137
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

