

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081403.D
 Acq On : 14 Mar 2024 12:20
 Operator : JC\MD
 Sample : VN0314WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBL01

Quant Time: Mar 15 01:10:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

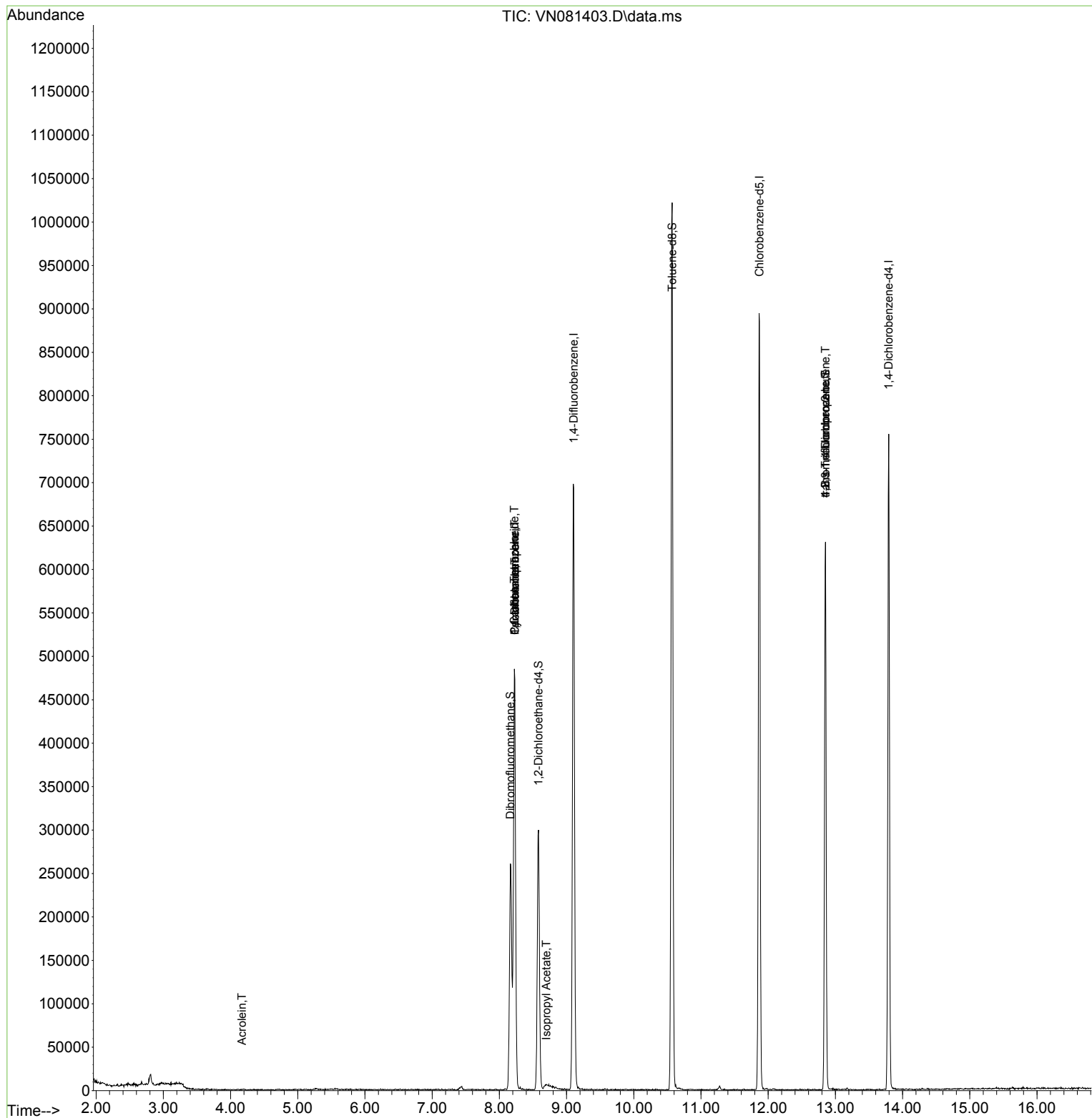
Internal Standards						
1) Pentafluorobenzene	8.230	168	317492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	583725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	501625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	187883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	240724	52.439	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.880%	
35) Dibromofluoromethane	8.165	113	184528	51.598	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.200%	
50) Toluene-d8	10.571	98	692484	51.798	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.600%	
62) 4-Bromofluorobenzene	12.853	95	212308	44.932	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 89.860%	
Target Compounds						
					Qvalue	
13) Acrolein	4.171	56	366	0.385	ug/l #	15
20) Methylene Chloride	5.300	84	68	Below Cal	#	4
31) Cyclohexane	8.230	56	8289	1.193	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	29830	5.170	ug/l #	53
38) Carbon Tetrachloride	8.224	117	37148	6.397	ug/l #	16
43) Isopropyl Acetate	8.700	43	5418	0.549	ug/l #	57
76) 1,2,3-Trichloropropane	12.853	75	116499	26.252	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	116499	73.264	ug/l #	14

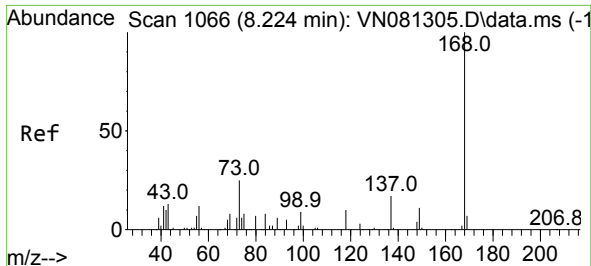
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
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Sample : VN0314WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBL01

Quant Time: Mar 15 01:10:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

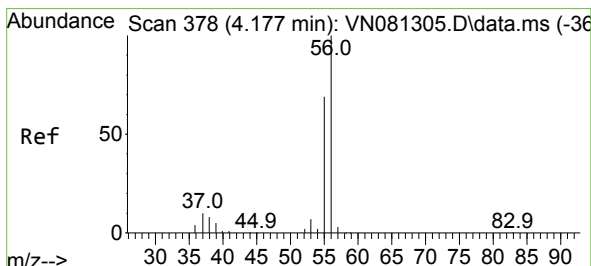
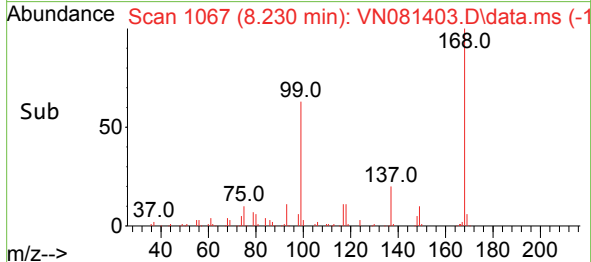
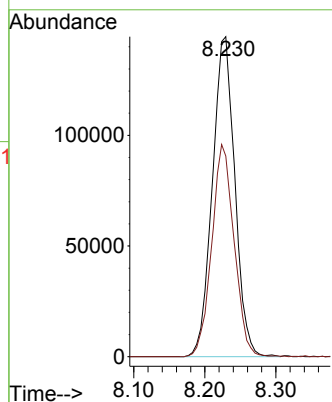
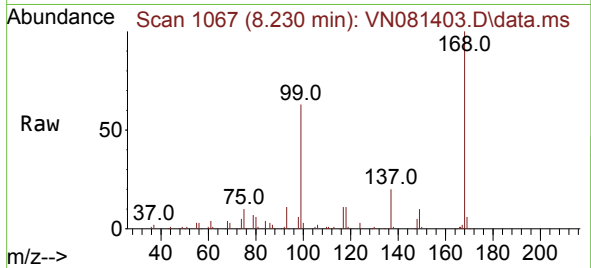




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081403.D
Acq: 14 Mar 2024 12:20

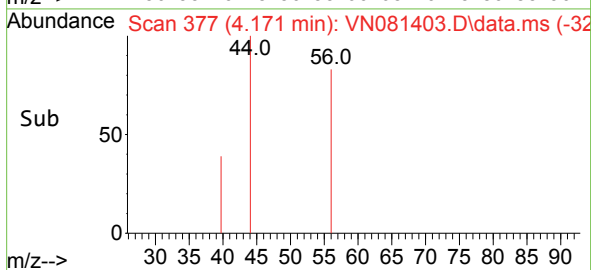
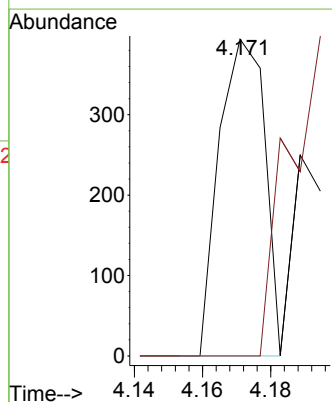
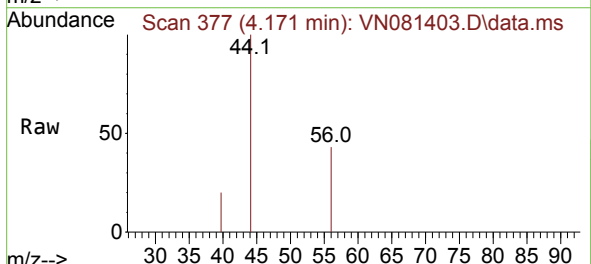
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBL01

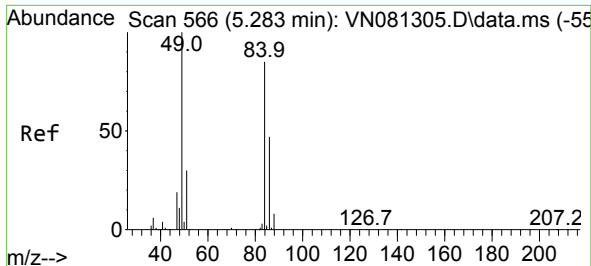
Tgt Ion:168 Resp: 317492
Ion Ratio Lower Upper
168 100
99 62.7 59.9 89.9



#13
Acrolein
Concen: 0.385 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN081403.D
Acq: 14 Mar 2024 12:20

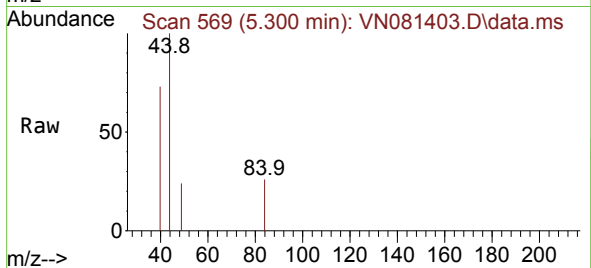
Tgt Ion: 56 Resp: 366
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#



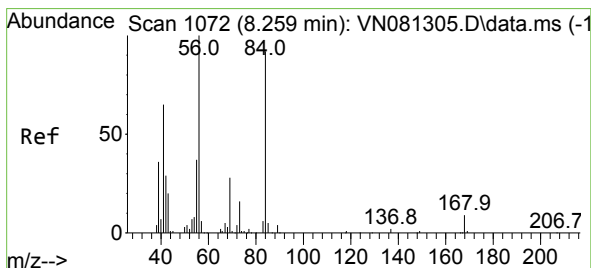
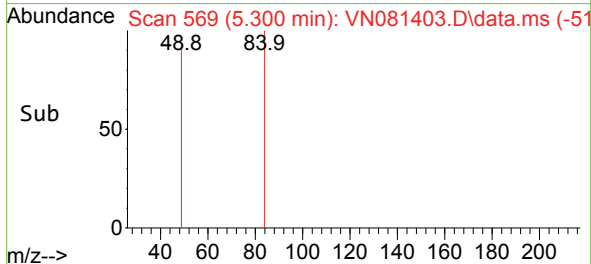
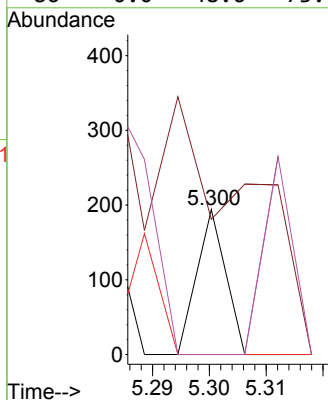


#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN081403.D
Acq: 14 Mar 2024 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBL01

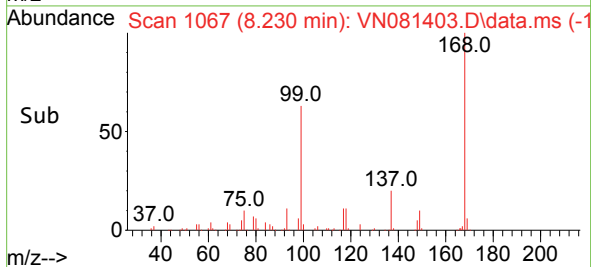
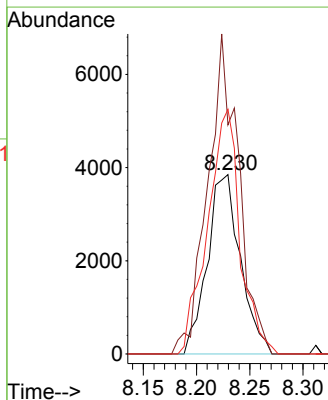
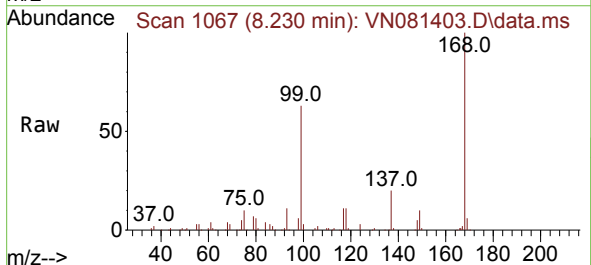


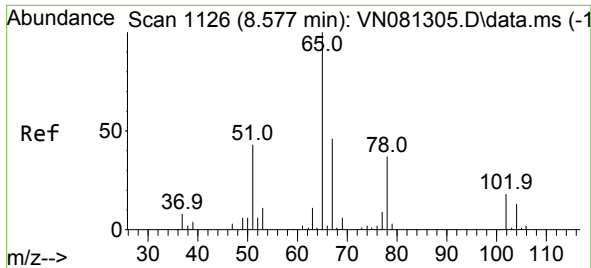
Tgt Ion:	84	Resp:	68
Ion	Ratio	Lower	Upper
84	100		
49	0.0	108.1	162.1#
51	0.0	32.9	49.3#
86	0.0	48.6	73.0#



#31
Cyclohexane
Concen: 1.193 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081403.D
Acq: 14 Mar 2024 12:20

Tgt Ion:	56	Resp:	8289
Ion	Ratio	Lower	Upper
56	100		
69	127.8	20.1	30.1#
84	136.4	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 52.439 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081403.D

Acq: 14 Mar 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

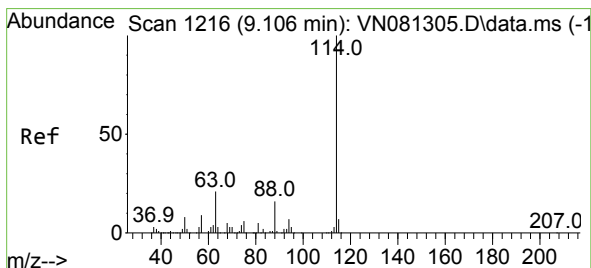
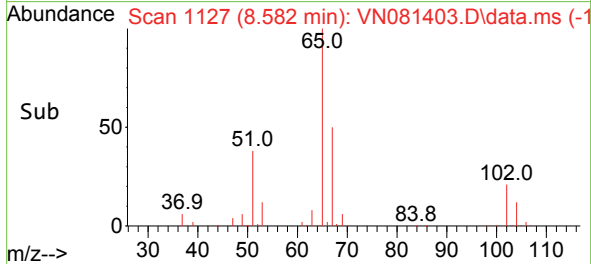
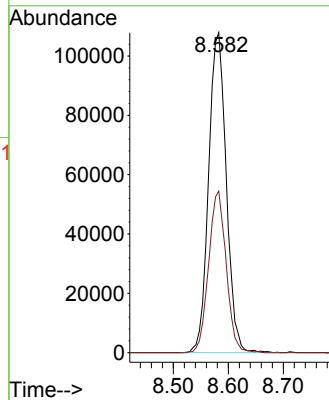
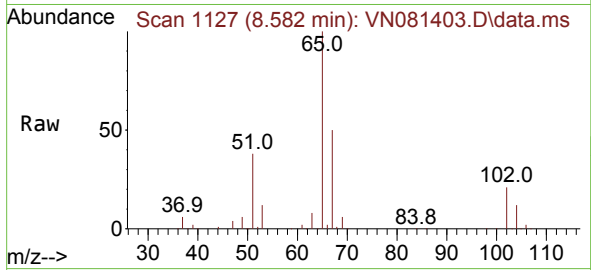
VN0314WBL01

Tgt Ion: 65 Resp: 240724

Ion Ratio Lower Upper

65 100

67 50.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN081403.D

Acq: 14 Mar 2024 12:20

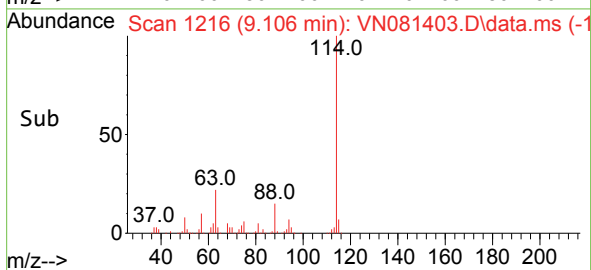
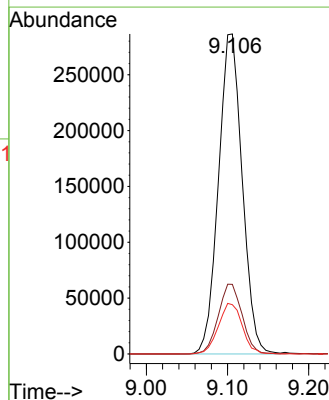
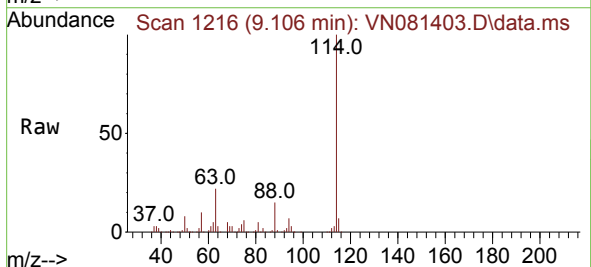
Tgt Ion: 114 Resp: 583725

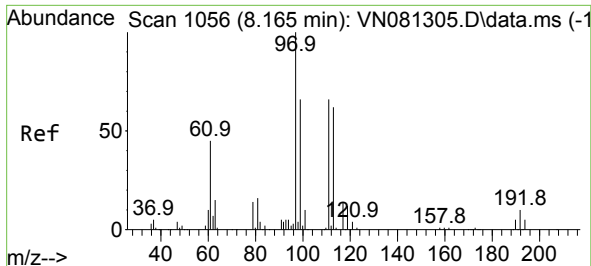
Ion Ratio Lower Upper

114 100

63 21.7 0.0 48.0

88 15.4 0.0 34.8

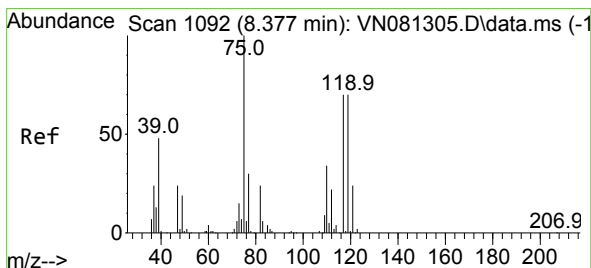
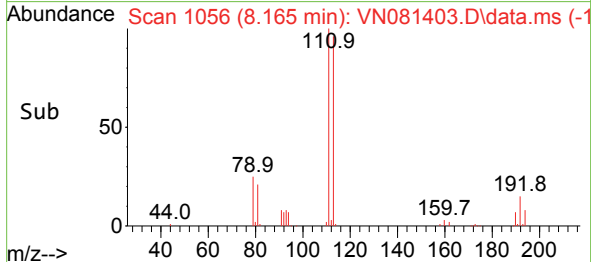
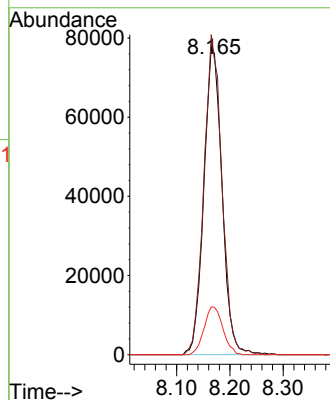
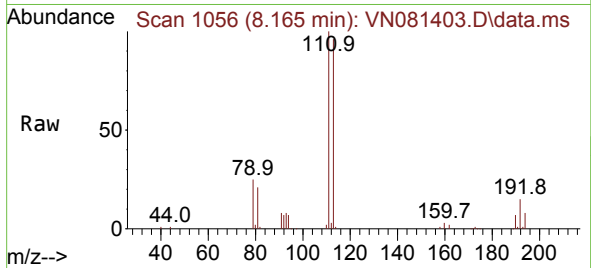




#35
Dibromofluoromethane
Concen: 51.598 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081403.D
Acq: 14 Mar 2024 12:20

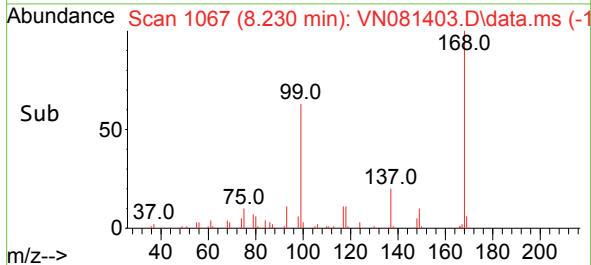
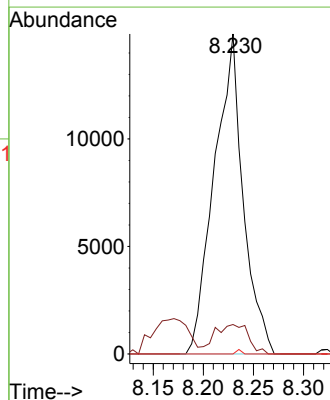
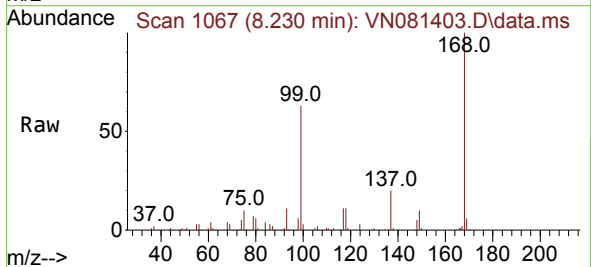
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBL01

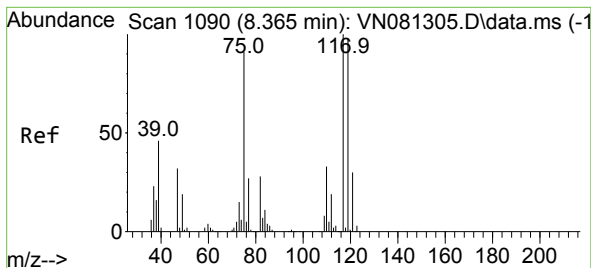
Tgt Ion:113 Resp: 184528
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 16.1 12.5 18.7



#36
1,1-Dichloropropene
Concen: 5.170 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN081403.D
Acq: 14 Mar 2024 12:20

Tgt Ion: 75 Resp: 29830
Ion Ratio Lower Upper
75 100
110 11.0 16.0 48.0#
77 0.2 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.397 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN081403.D

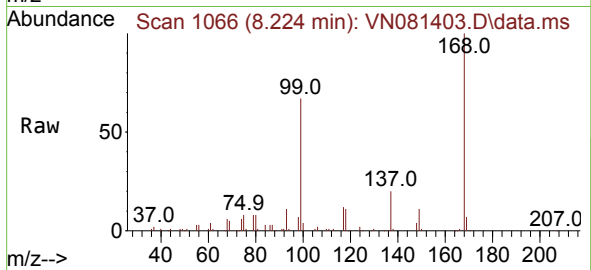
Acq: 14 Mar 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBL01



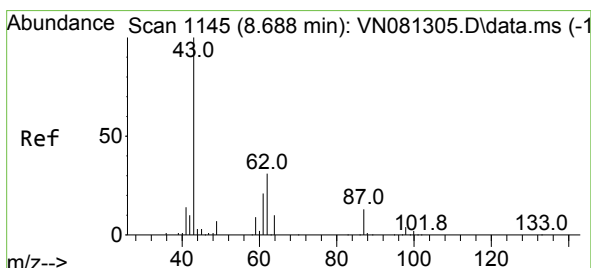
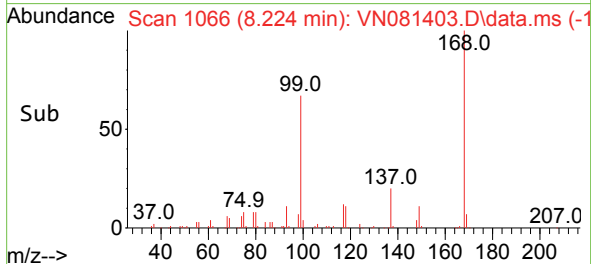
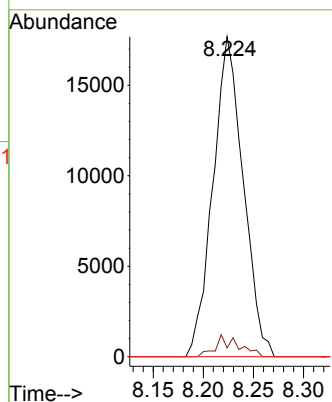
Tgt Ion:117 Resp: 37148

Ion Ratio Lower Upper

117 100

119 2.7 73.4 110.2#

121 0.0 24.4 36.6#



#43

Isopropyl Acetate

Concen: 0.549 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.012 min

Lab File: VN081403.D

Acq: 14 Mar 2024 12:20

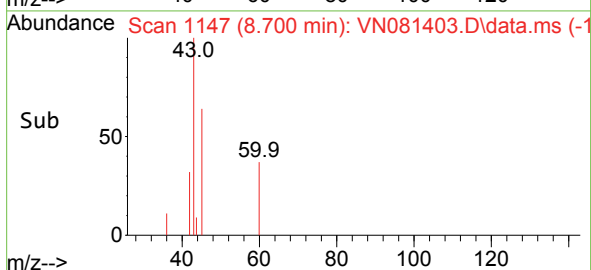
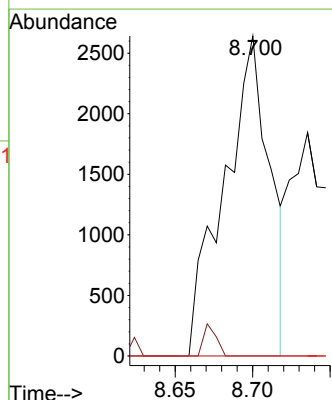
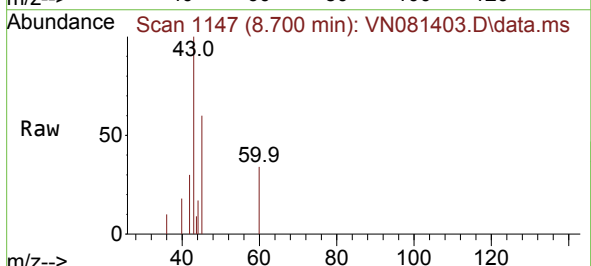
Tgt Ion: 43 Resp: 5418

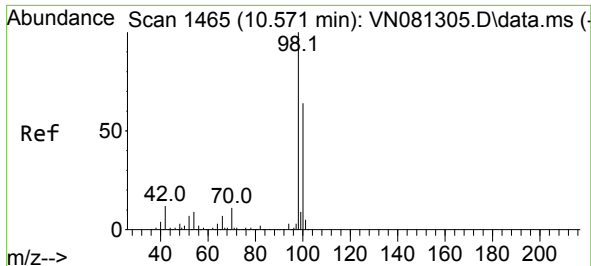
Ion Ratio Lower Upper

43 100

61 0.0 19.9 29.9#

87 0.0 9.0 13.6#

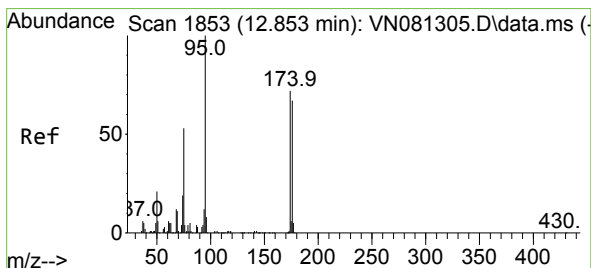
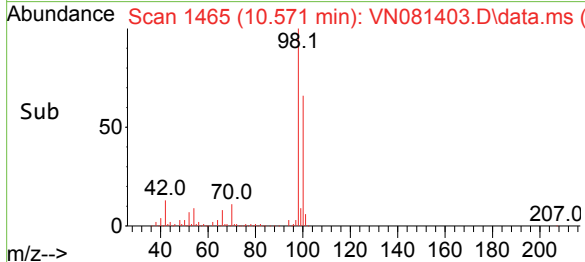
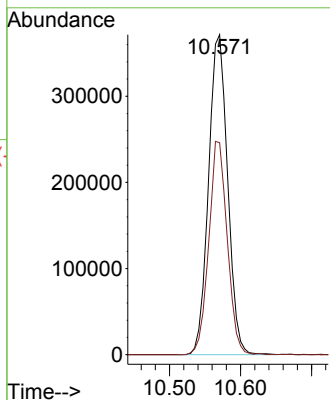
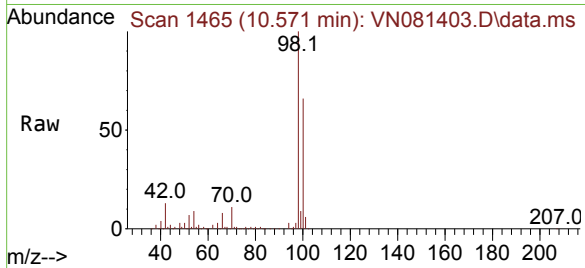




#50
Toluene-d8
Concen: 51.798 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081403.D
Acq: 14 Mar 2024 12:20

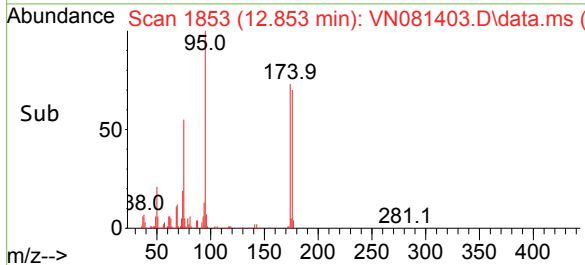
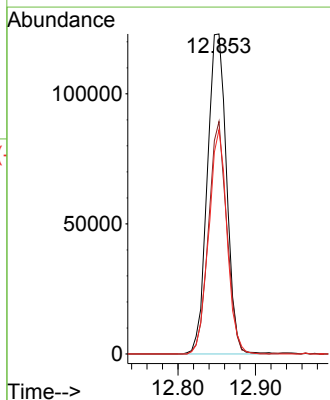
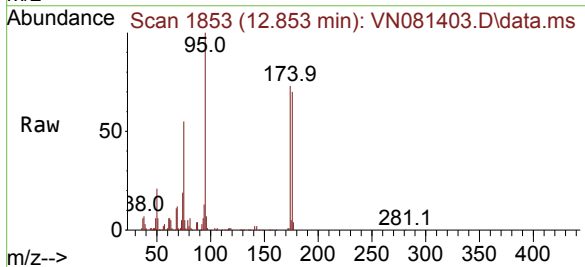
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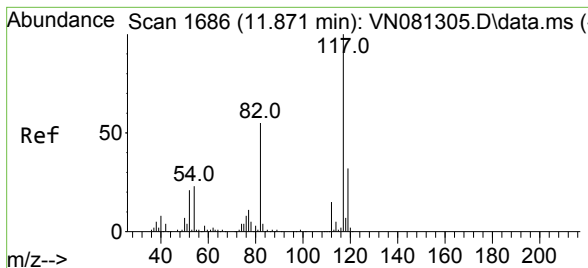
Tgt Ion: 98 Resp: 692484
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.932 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081403.D
Acq: 14 Mar 2024 12:20

Tgt Ion: 95 Resp: 212308
Ion Ratio Lower Upper
95 100
174 69.0 0.0 120.4
176 66.6 0.0 121.0

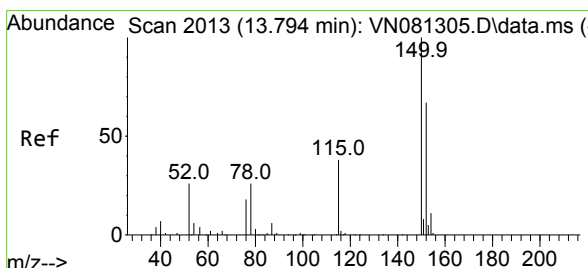
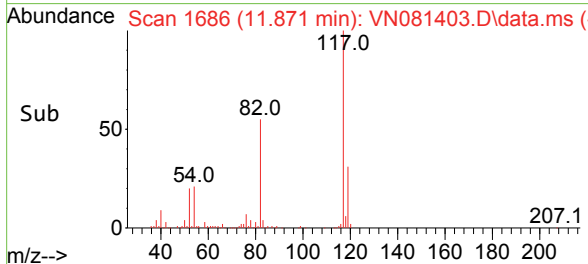
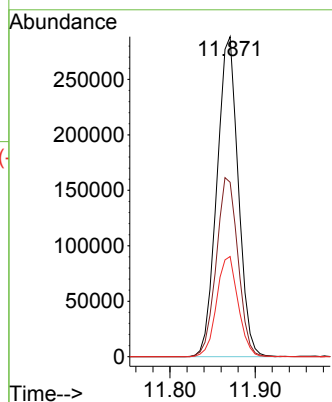
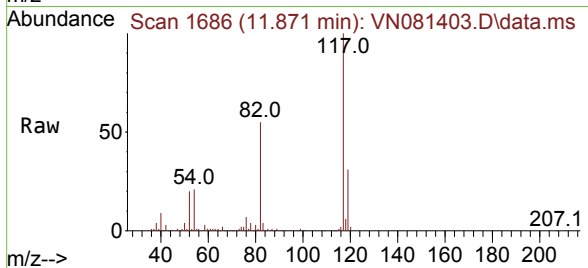




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN081403.D
Acq: 14 Mar 2024 12:20

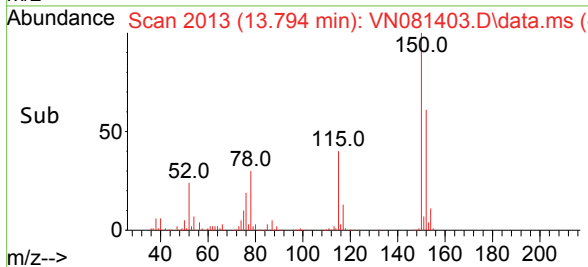
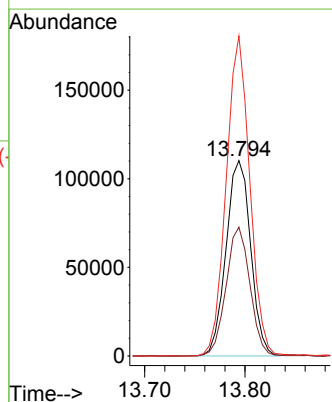
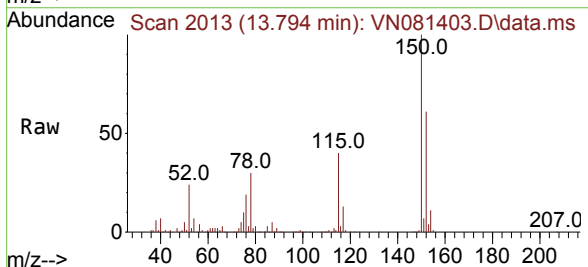
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBL01

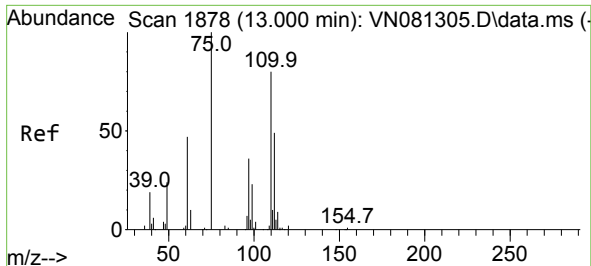
Tgt Ion:117 Resp: 501625
Ion Ratio Lower Upper
117 100
82 54.5 52.7 79.1
119 31.3 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081403.D
Acq: 14 Mar 2024 12:20

Tgt Ion:152 Resp: 187883
Ion Ratio Lower Upper
152 100
115 63.9 32.3 96.8
150 157.1 0.0 339.8

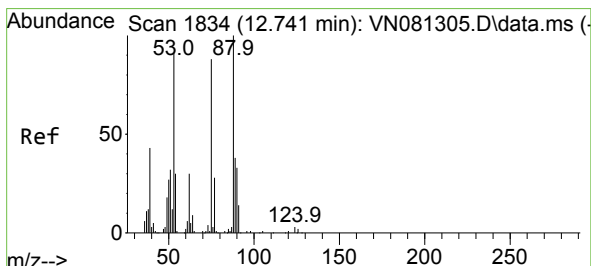
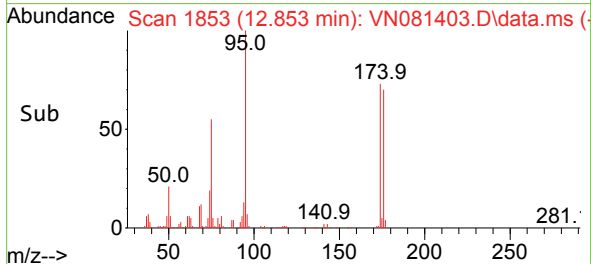
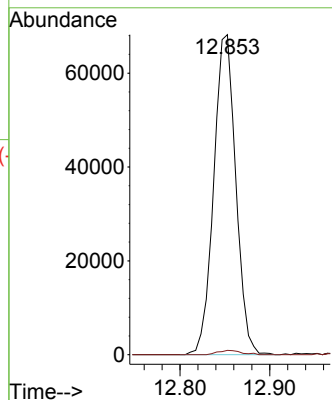
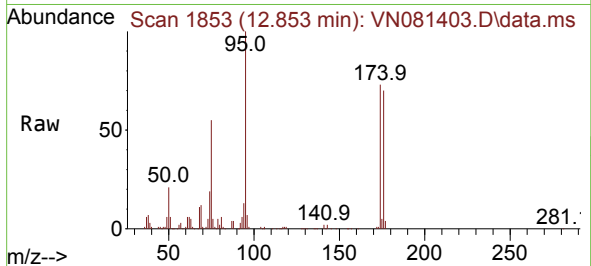




#76
1,2,3-Trichloropropane
Concen: 26.252 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN081403.D
Acq: 14 Mar 2024 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBL01

Tgt Ion: 75 Resp: 116499
Ion Ratio Lower Upper
75 100
77 1.4 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.264 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081403.D
Acq: 14 Mar 2024 12:20

Tgt Ion: 75 Resp: 116499
Ion Ratio Lower Upper
75 100
53 0.3 71.4 107.2#
89 0.1 33.4 50.0#

