

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030624\
 Data File : VN081314.D
 Acq On : 06 Mar 2024 10:03
 Operator : JC\MD
 Sample : VN0306MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306MBL01

Quant Time: Mar 07 00:21:27 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)

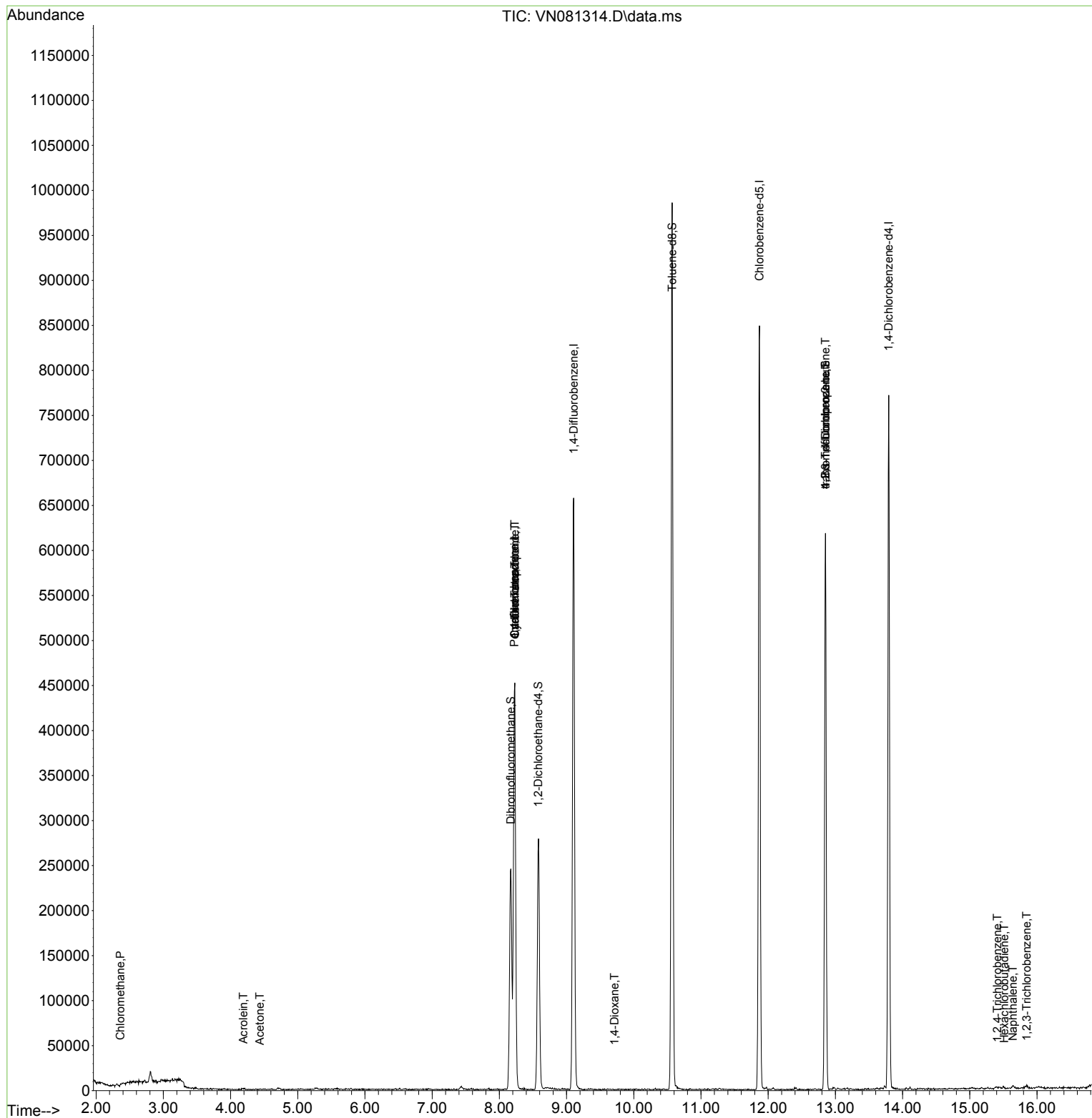
Internal Standards						
1) Pentafluorobenzene	8.224	168	308653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	566498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	489798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	192537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	223226	50.019	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.040%		
35) Dibromofluoromethane	8.171	113	177113	51.030	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.060%		
50) Toluene-d8	10.571	98	659473	50.829	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.660%		
62) 4-Bromofluorobenzene	12.853	95	205866	44.893	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 89.780%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	930	0.210	ug/l #	43
13) Acrolein	4.189	56	859	0.930	ug/l	98
16) Acetone	4.436	43	553	0.350	ug/l #	44
20) Methylene Chloride	5.259	84	424	Below Cal	#	25
31) Cyclohexane	8.230	56	8636	1.278	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	28838	5.150	ug/l #	47
38) Carbon Tetrachloride	8.230	117	36569	6.489	ug/l #	17
49) 1,4-Dioxane	9.712	88	66	0.707	ug/l #	8
76) 1,2,3-Trichloropropane	12.853	75	114842	25.253	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	114842	70.476	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.412	180	1089	0.305	ug/l	90
94) Hexachlorobutadiene	15.512	225	609	0.413	ug/l #	51
95) Naphthalene	15.641	128	4383	0.345	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.847	180	1190	0.329	ug/l #	76

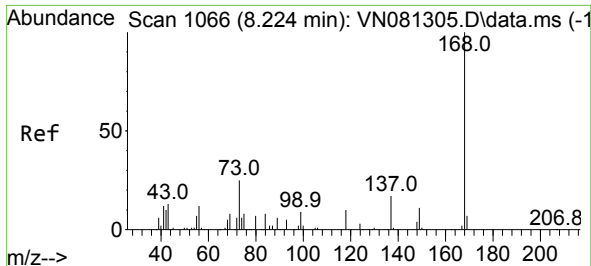
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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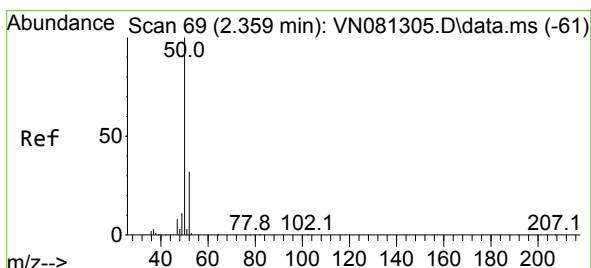
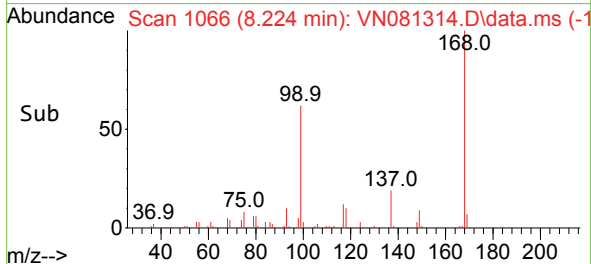
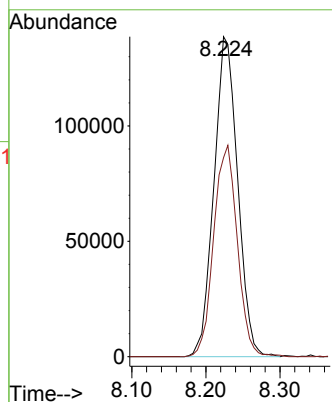
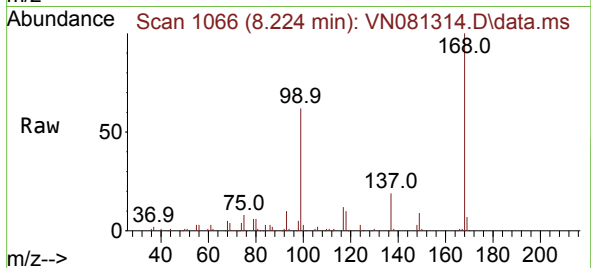




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081314.D
Acq: 06 Mar 2024 10:03

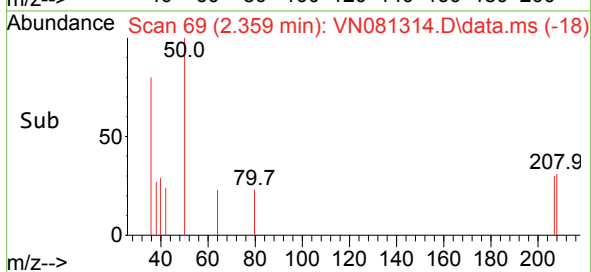
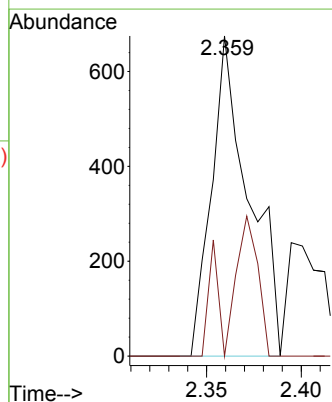
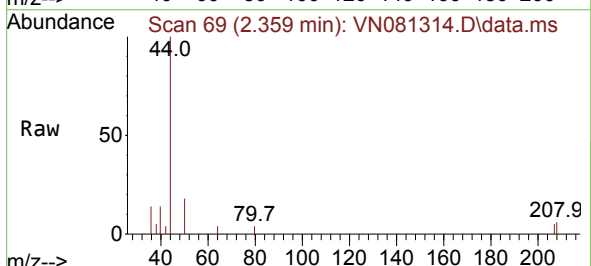
Instrument :
MSVOA_N
ClientSampleId :
VN0306MBL01

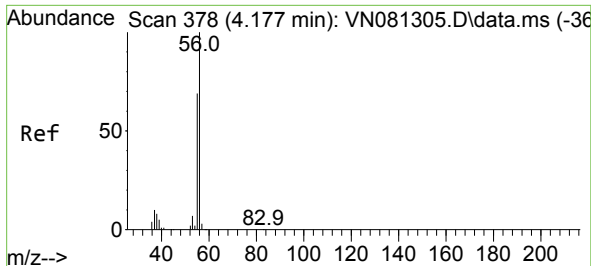
Tgt Ion:168 Resp: 308653
Ion Ratio Lower Upper
168 100
99 62.2 59.9 89.9



#3
Chloromethane
Concen: 0.210 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081314.D
Acq: 06 Mar 2024 10:03

Tgt Ion: 50 Resp: 930
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#13

Acrolein

Concen: 0.930 ug/l

RT: 4.189 min Scan# 378

Delta R.T. 0.012 min

Lab File: VN081314.D

Acq: 06 Mar 2024 10:03

Instrument :

MSVOA_N

ClientSampleId :

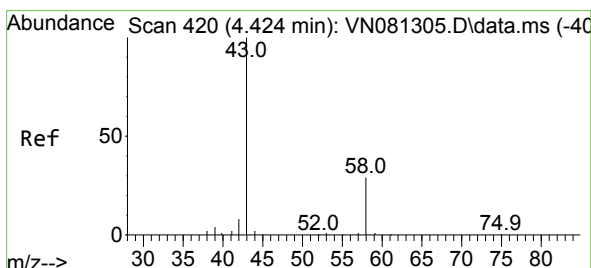
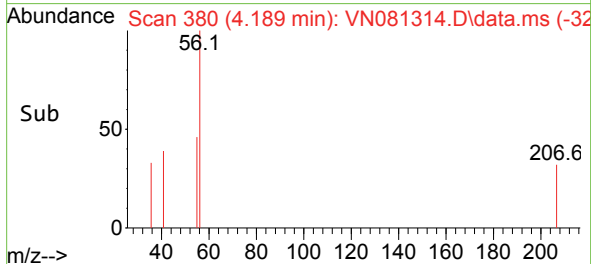
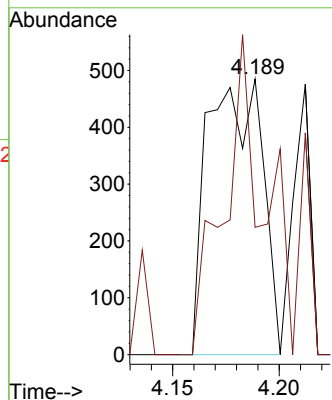
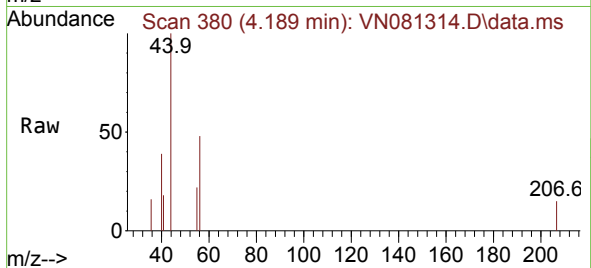
VN0306MBL01

Tgt Ion: 56 Resp: 859

Ion Ratio Lower Upper

56 100

55 70.4 55.3 82.9



#16

Acetone

Concen: 0.350 ug/l

RT: 4.436 min Scan# 422

Delta R.T. 0.012 min

Lab File: VN081314.D

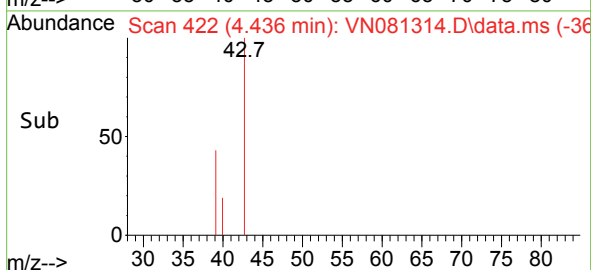
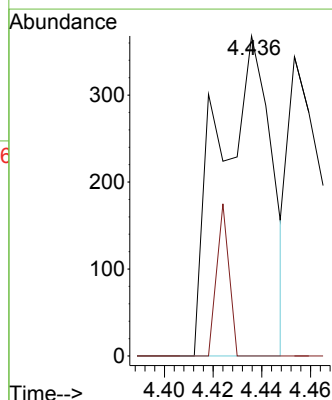
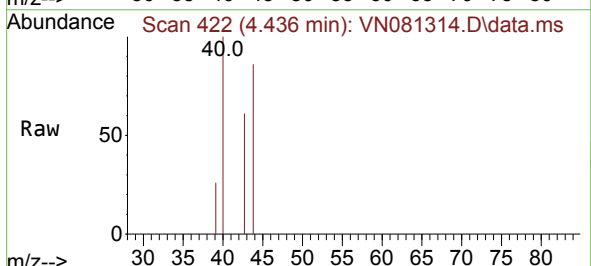
Acq: 06 Mar 2024 10:03

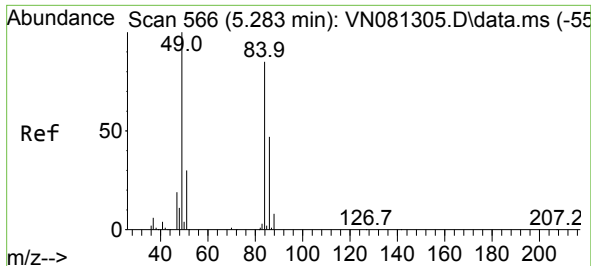
Tgt Ion: 43 Resp: 553

Ion Ratio Lower Upper

43 100

58 0.0 24.8 37.2#

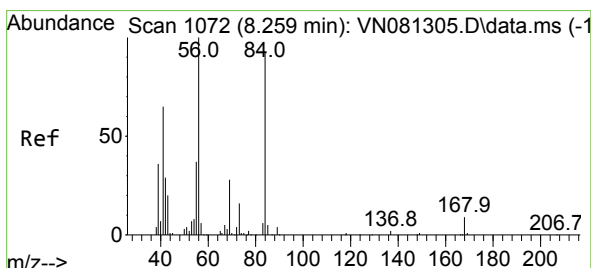
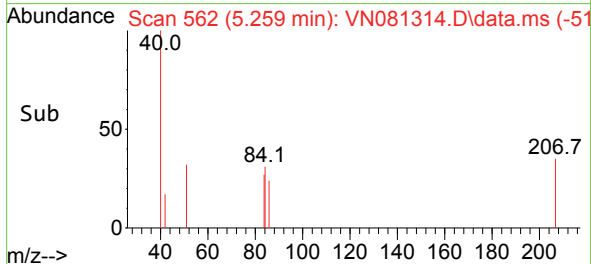
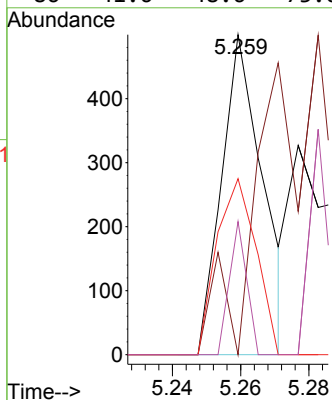
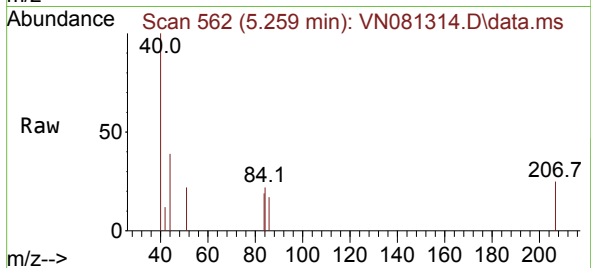




#20
Methylene Chloride
Concen: Below Cal
RT: 5.259 min Scan# 51
Delta R.T. -0.024 min
Lab File: VN081314.D
Acq: 06 Mar 2024 10:03

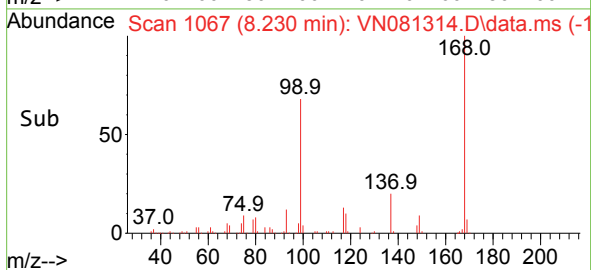
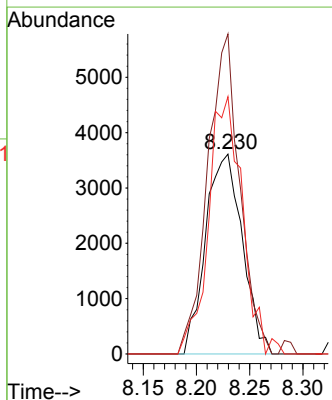
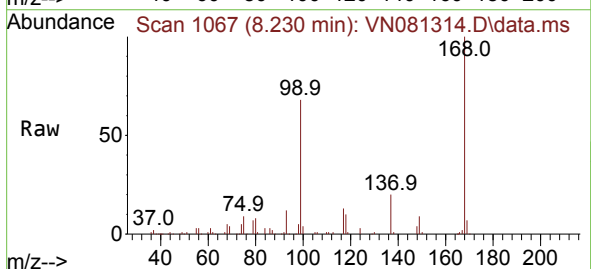
Instrument :
MSVOA_N
ClientSampleId :
VN0306MBL01

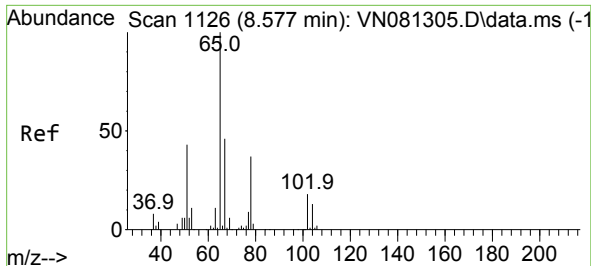
Tgt Ion:	84	Resp:	424
Ion	Ratio	Lower	Upper
84	100		
49	0.0	108.1	162.1#
51	55.0	32.9	49.3#
86	41.6	48.6	73.0#



#31
Cyclohexane
Concen: 1.278 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081314.D
Acq: 06 Mar 2024 10:03

Tgt Ion:	56	Resp:	8636
Ion	Ratio	Lower	Upper
56	100		
69	160.1	20.1	30.1#
84	128.7	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 50.019 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081314.D

Acq: 06 Mar 2024 10:03

Instrument :

MSVOA_N

ClientSampleId :

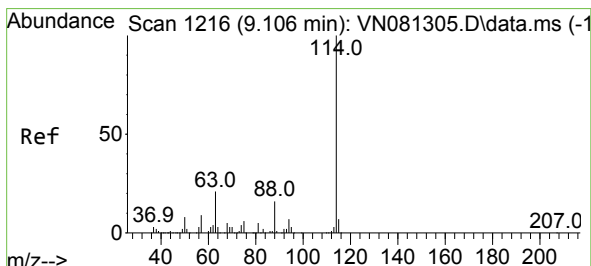
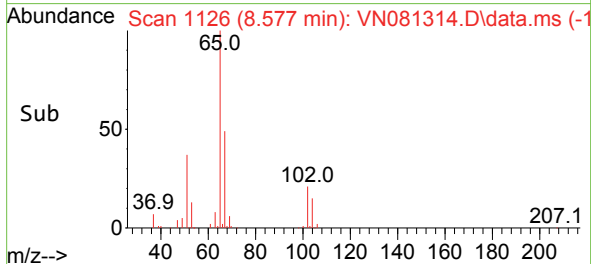
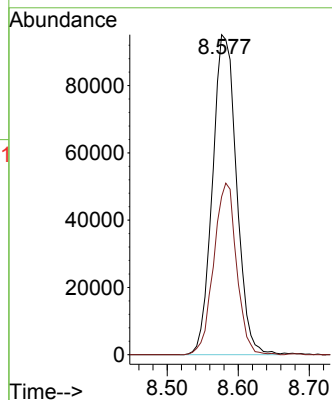
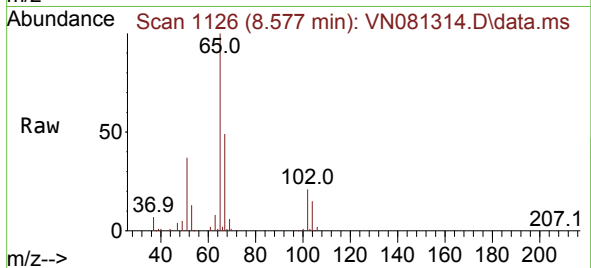
VN0306MBL01

Tgt Ion: 65 Resp: 223226

Ion Ratio Lower Upper

65 100

67 51.0 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: VN081314.D

Acq: 06 Mar 2024 10:03

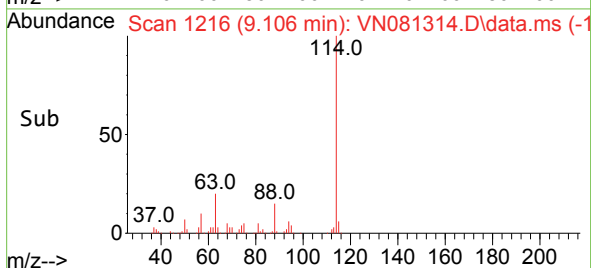
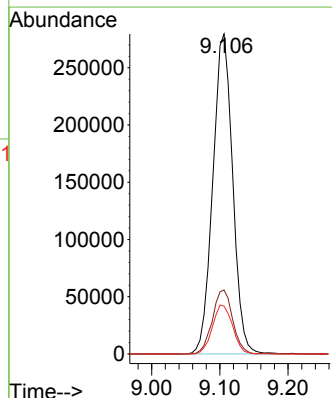
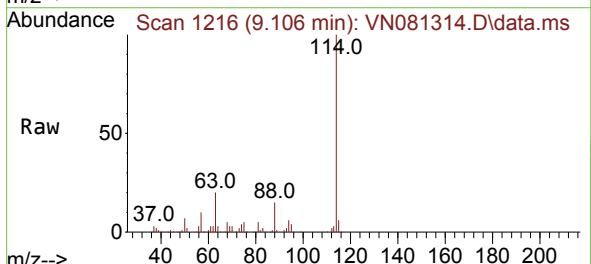
Tgt Ion: 114 Resp: 566498

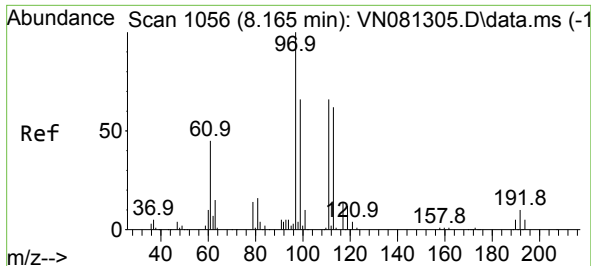
Ion Ratio Lower Upper

114 100

63 20.0 0.0 48.0

88 15.0 0.0 34.8

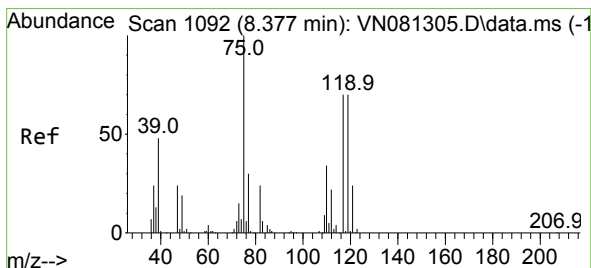
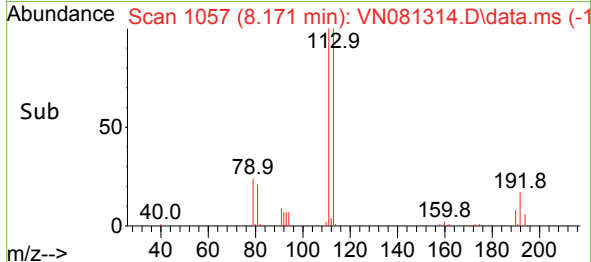
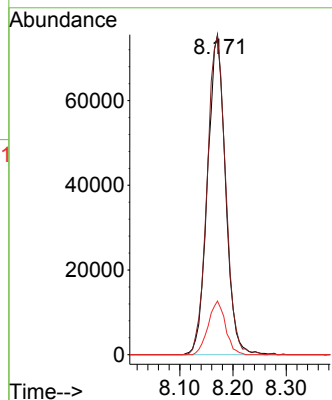
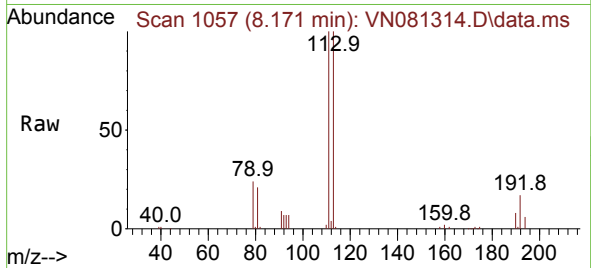




#35
Dibromofluoromethane
Concen: 51.030 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081314.D
Acq: 06 Mar 2024 10:03

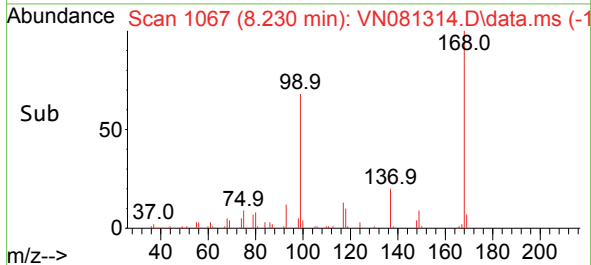
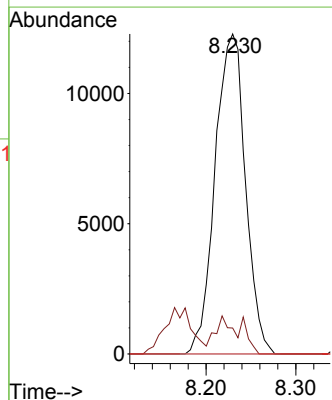
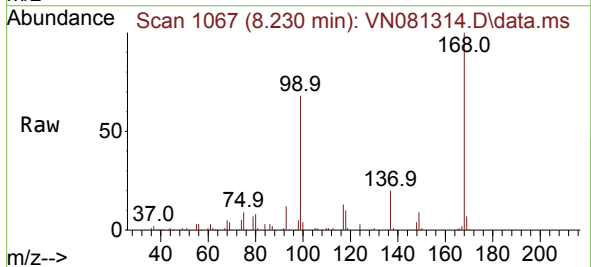
Instrument :
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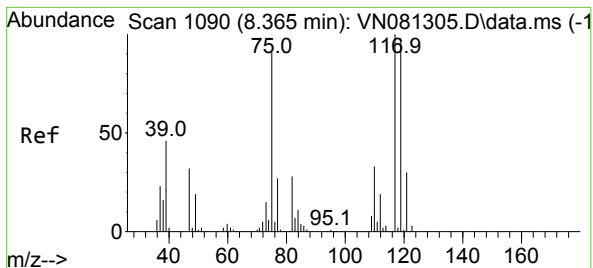
Tgt Ion:113 Resp: 177113
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 16.1 12.5 18.7



#36
1,1-Dichloropropene
Concen: 5.150 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN081314.D
Acq: 06 Mar 2024 10:03

Tgt Ion: 75 Resp: 28838
Ion Ratio Lower Upper
75 100
110 4.7 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.489 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN081314.D

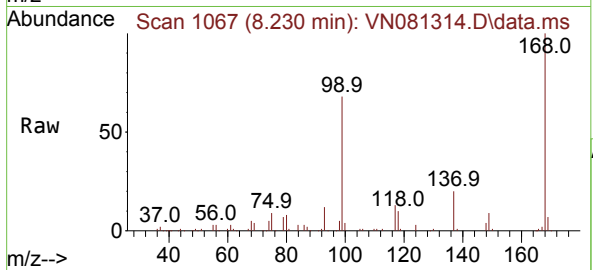
Acq: 06 Mar 2024 10:03

Instrument :

MSVOA_N

ClientSampleId :

VN0306MBL01



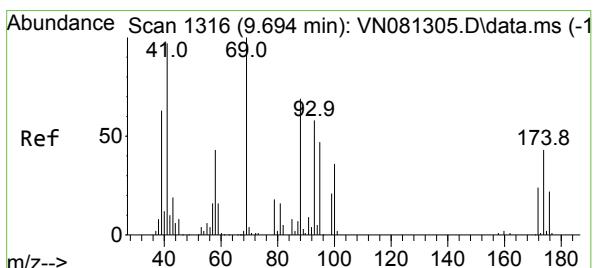
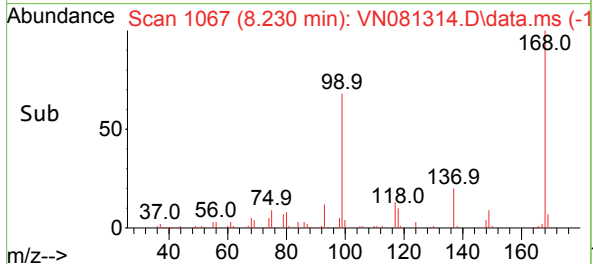
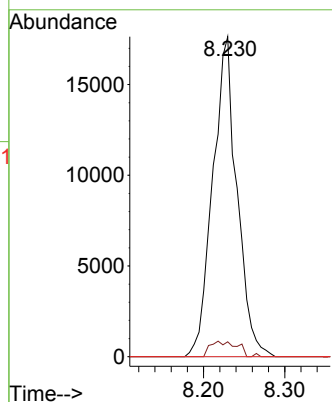
Tgt Ion:117 Resp: 36569

Ion Ratio Lower Upper

117 100

119 4.7 73.4 110.2#

121 0.0 24.4 36.6#



#49

1,4-Dioxane

Concen: 0.707 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.018 min

Lab File: VN081314.D

Acq: 06 Mar 2024 10:03

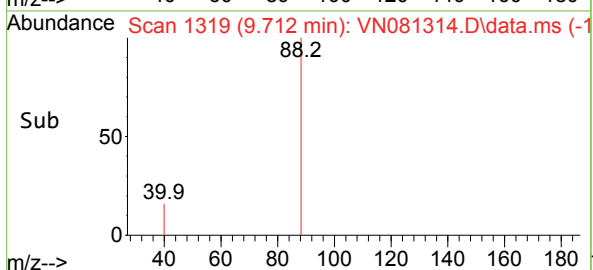
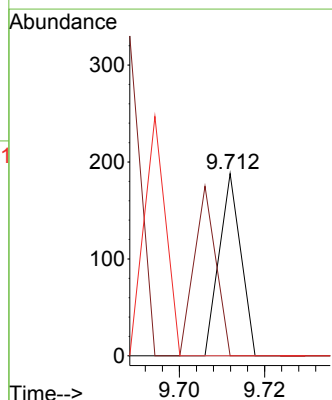
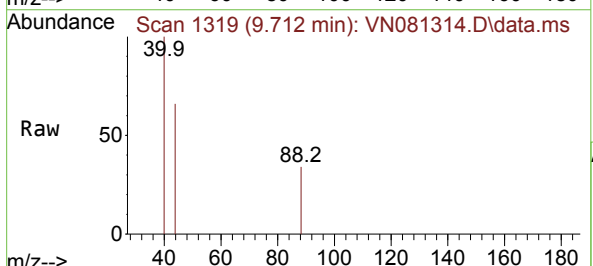
Tgt Ion: 88 Resp: 66

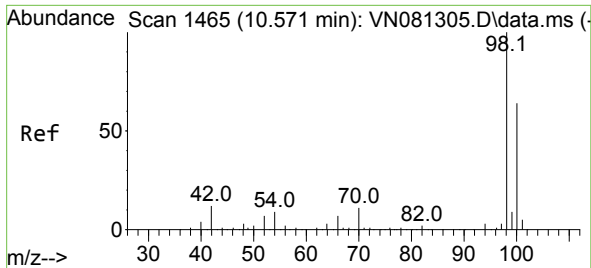
Ion Ratio Lower Upper

88 100

43 93.9 30.1 45.1#

58 0.0 63.9 95.9#

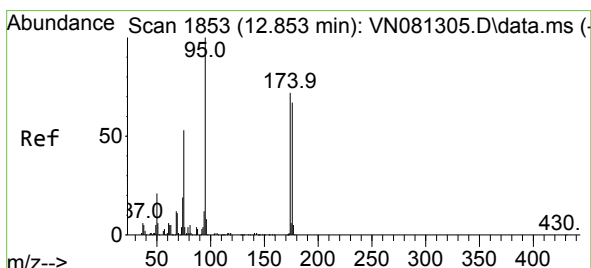
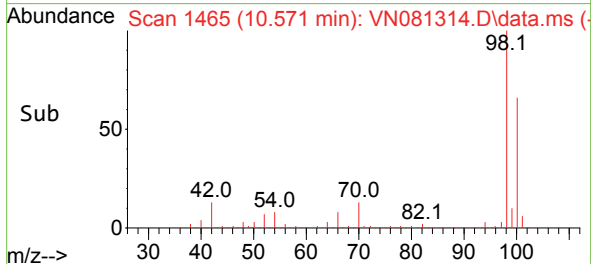
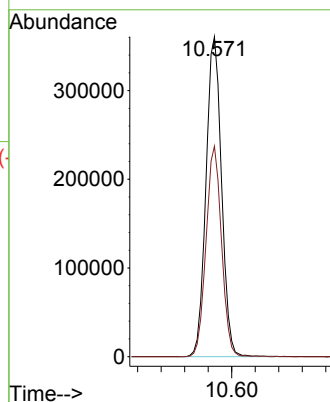
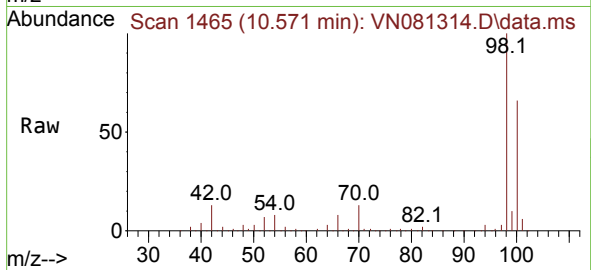




#50
Toluene-d8
Concen: 50.829 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081314.D
Acq: 06 Mar 2024 10:03

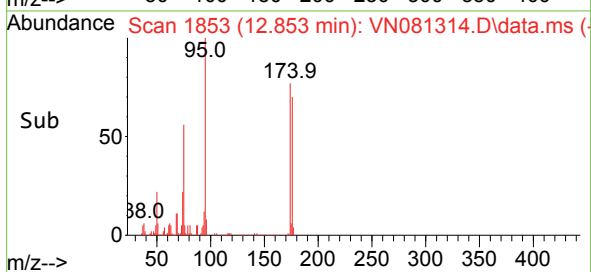
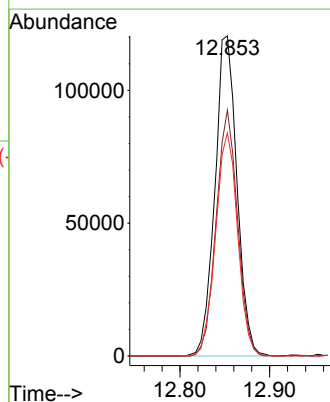
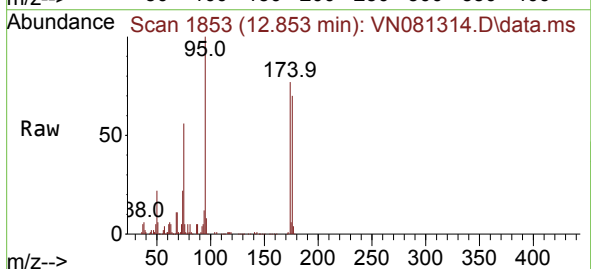
Instrument :
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VN0306MBL01

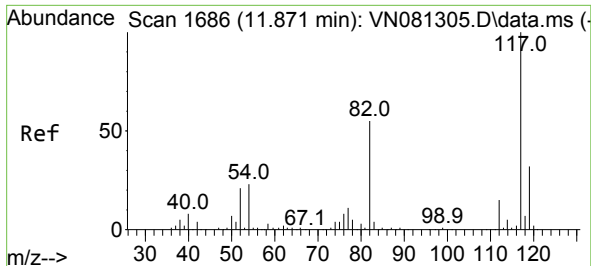
Tgt Ion: 98 Resp: 659473
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.893 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081314.D
Acq: 06 Mar 2024 10:03

Tgt Ion: 95 Resp: 205866
Ion Ratio Lower Upper
95 100
174 74.5 0.0 120.4
176 69.3 0.0 121.0

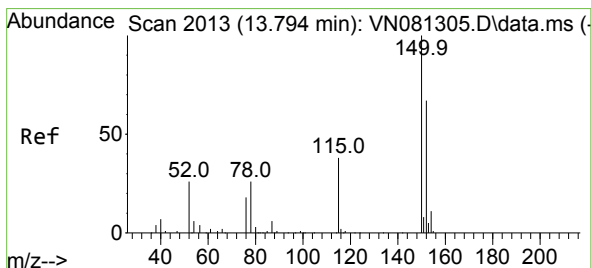
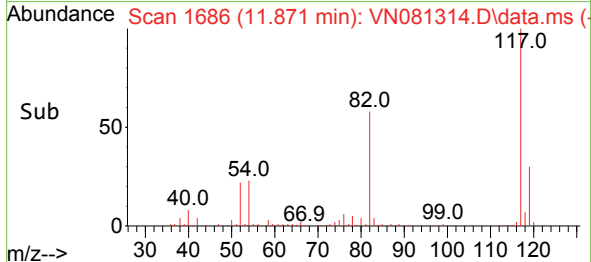
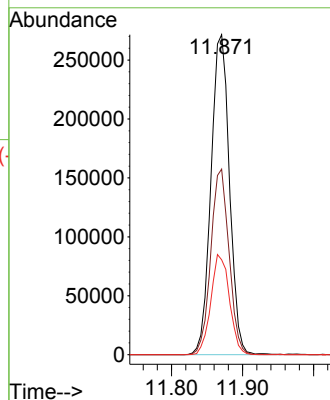
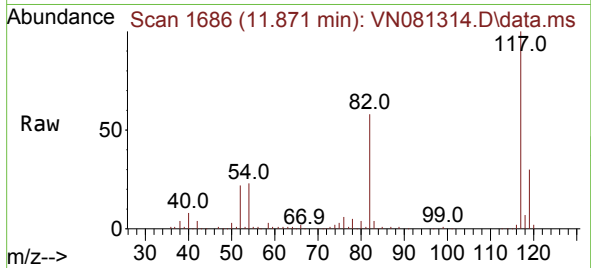




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081314.D
Acq: 06 Mar 2024 10:03

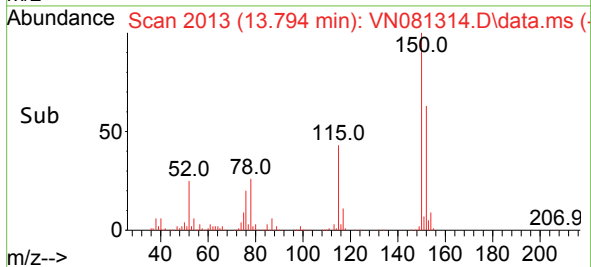
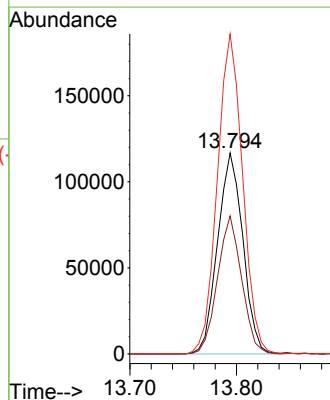
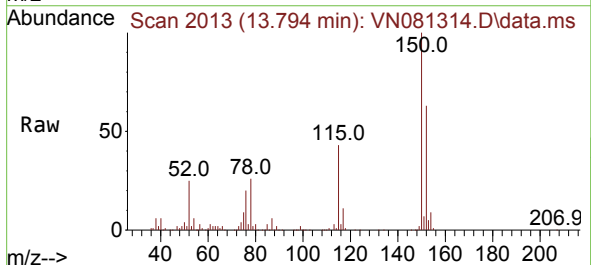
Instrument :
MSVOA_N
ClientSampleId :
VN0306MBL01

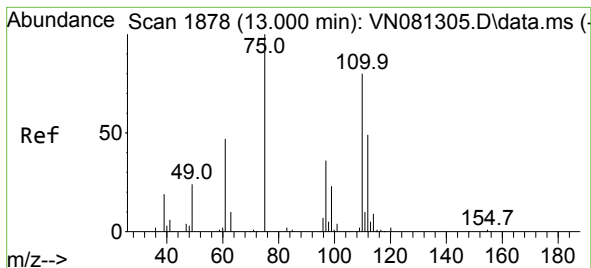
Tgt Ion:117 Resp: 489798
Ion Ratio Lower Upper
117 100
82 58.0 52.7 79.1
119 29.6 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081314.D
Acq: 06 Mar 2024 10:03

Tgt Ion:152 Resp: 192537
Ion Ratio Lower Upper
152 100
115 65.5 32.3 96.8
150 159.3 0.0 339.8

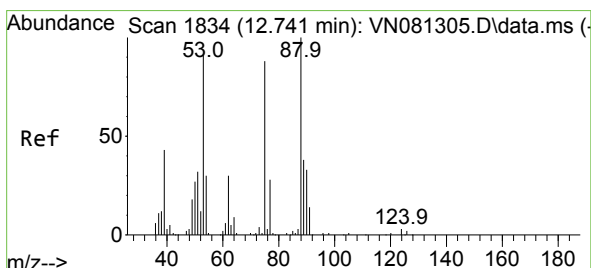
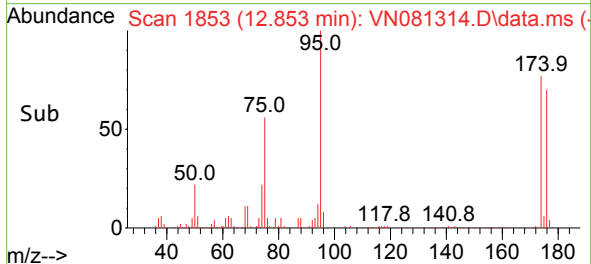
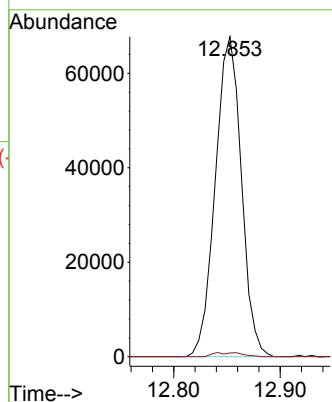
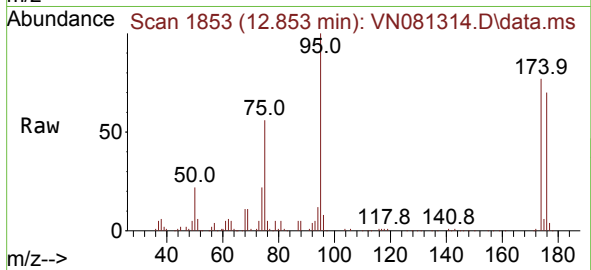




#76
1,2,3-Trichloropropane
Concen: 25.253 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN081314.D
Acq: 06 Mar 2024 10:03

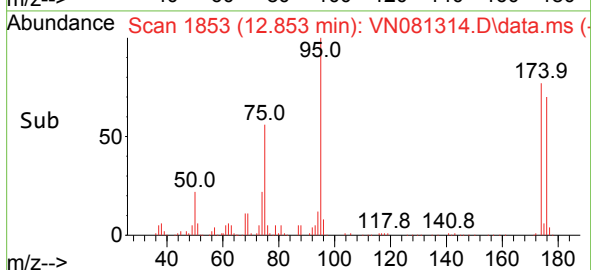
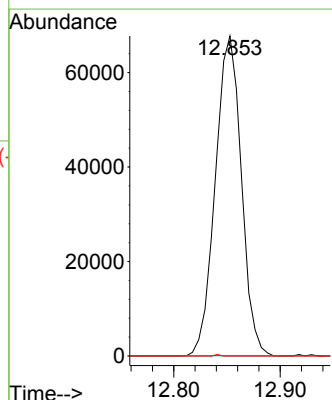
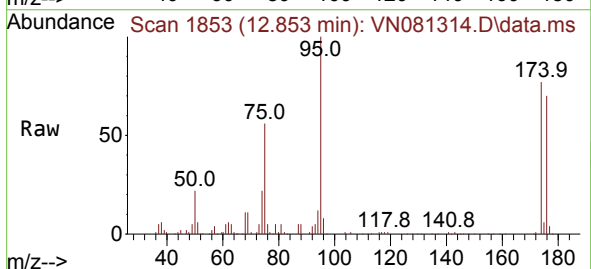
Instrument :
MSVOA_N
ClientSampleId :
VN0306MBL01

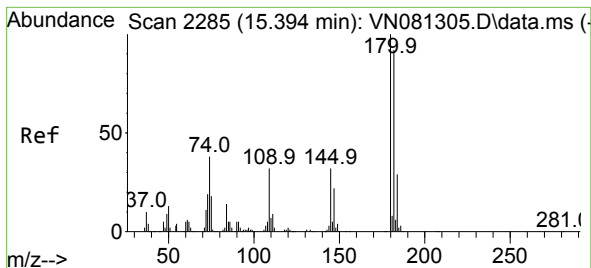
Tgt Ion: 75 Resp: 114842
Ion Ratio Lower Upper
75 100
77 0.6 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.476 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081314.D
Acq: 06 Mar 2024 10:03

Tgt Ion: 75 Resp: 114842
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.1 33.4 50.0#





#93

1,2,4-Trichlorobenzene

Concen: 0.305 ug/l

RT: 15.412 min Scan# 21

Delta R.T. 0.018 min

Lab File: VN081314.D

Acq: 06 Mar 2024 10:03

Instrument :

MSVOA_N

ClientSampleId :

VN0306MBL01

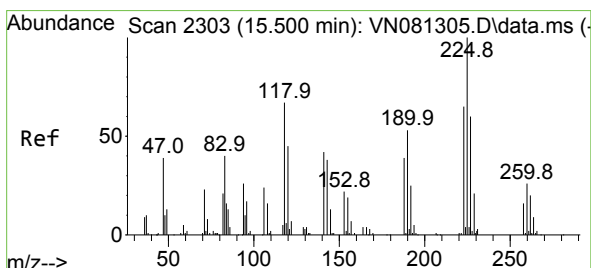
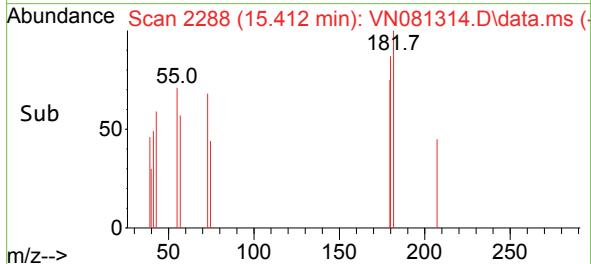
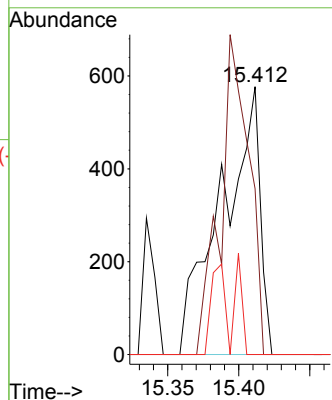
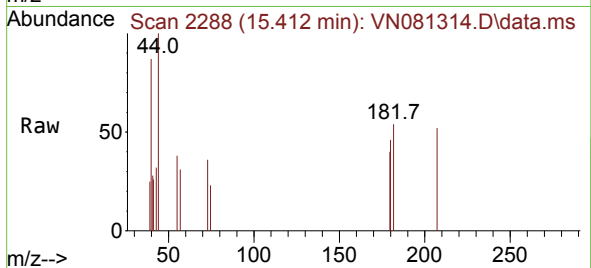
Tgt Ion:180 Resp: 1089

Ion Ratio Lower Upper

180 100

182 88.2 46.6 139.7

145 19.1 16.8 50.3



#94

Hexachlorobutadiene

Concen: 0.413 ug/l

RT: 15.512 min Scan# 2305

Delta R.T. 0.012 min

Lab File: VN081314.D

Acq: 06 Mar 2024 10:03

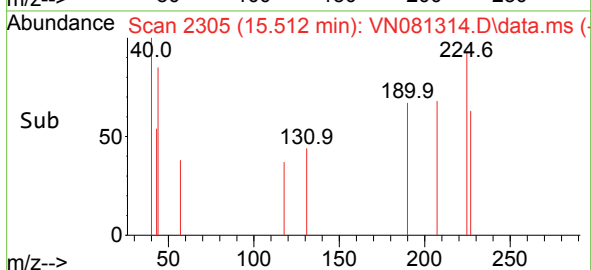
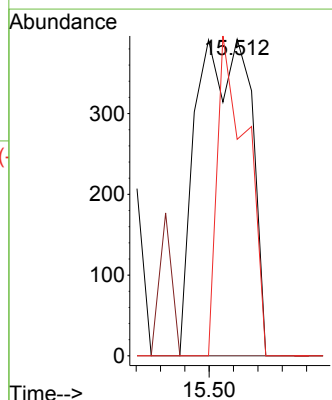
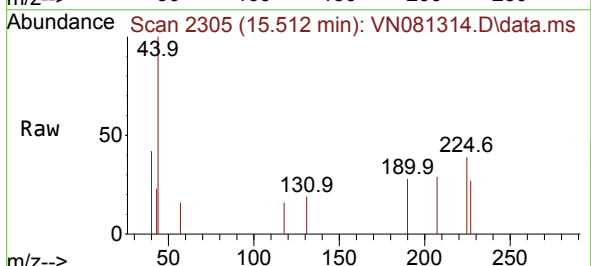
Tgt Ion:225 Resp: 609

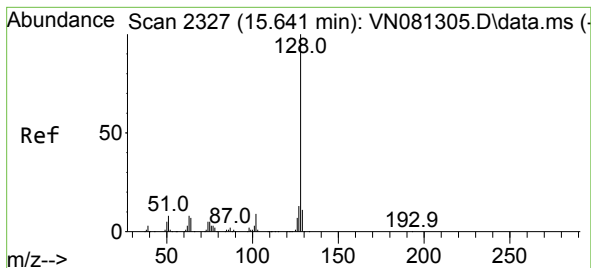
Ion Ratio Lower Upper

225 100

223 0.0 33.3 99.8#

227 55.0 33.1 99.2





#95

Naphthalene

Concen: 0.345 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081314.D

Acq: 06 Mar 2024 10:03

Instrument :

MSVOA_N

ClientSampleId :

VN0306MBL01

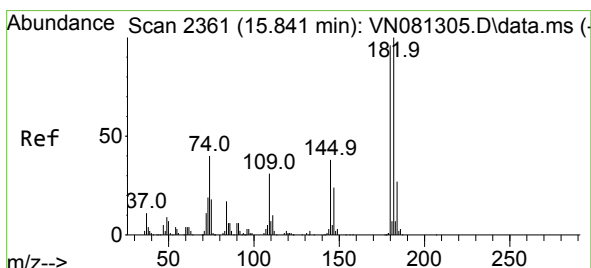
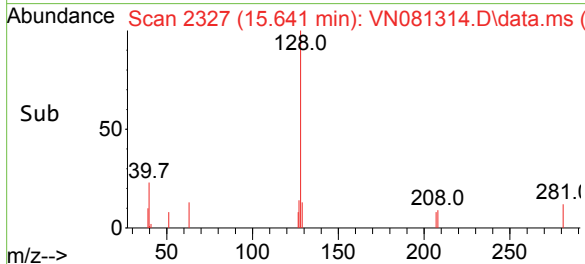
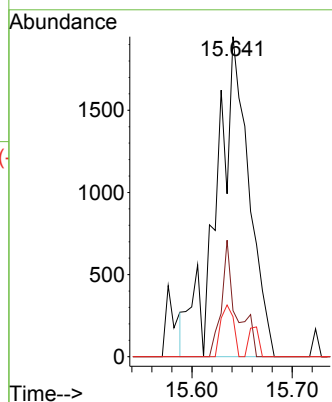
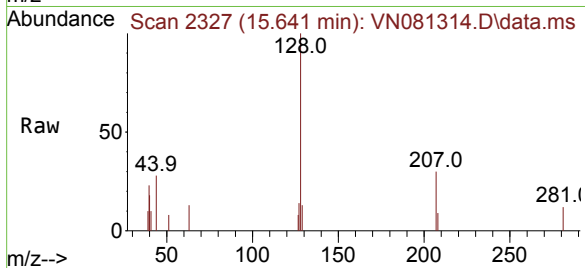
Tgt Ion:128 Resp: 4383

Ion Ratio Lower Upper

128 100

127 16.8 10.0 15.0#

129 6.4 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.329 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN081314.D

Acq: 06 Mar 2024 10:03

Tgt Ion:180 Resp: 1190

Ion Ratio Lower Upper

180 100

182 75.8 46.5 139.3

145 12.9 17.8 53.4#

