

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030624\
 Data File : VN081319.D
 Acq On : 06 Mar 2024 12:13
 Operator : JC\MD
 Sample : P1683-04 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3525

Quant Time: Mar 07 00:24:16 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)

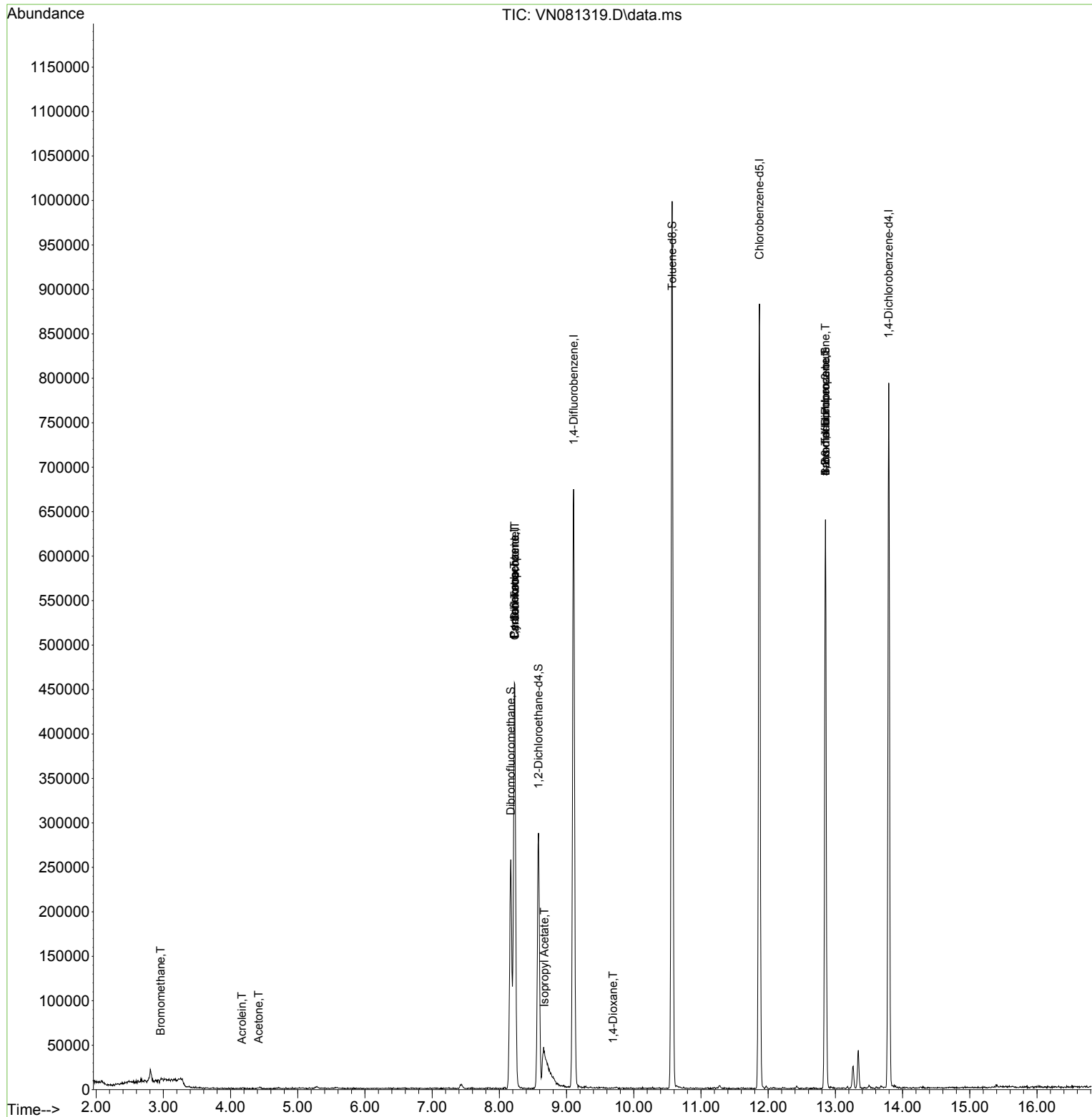
Internal Standards						
1) Pentafluorobenzene	8.224	168	309163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	578544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	495911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	227141	50.813	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.620%			
35) Dibromofluoromethane	8.171	113	179182	50.551	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.100%			
50) Toluene-d8	10.571	98	679239	51.262	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.520%			
62) 4-Bromofluorobenzene	12.853	95	219878	46.950	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 93.900%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.959	94	1504	0.488	ug/l #	28
13) Acrolein	4.171	56	621	0.671	ug/l #	15
16) Acetone	4.418	43	637	0.402	ug/l	90
20) Methylene Chloride	5.283	84	1293	Below Cal	#	50
31) Cyclohexane	8.224	56	7937	1.173	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	29182	5.103	ug/l #	47
38) Carbon Tetrachloride	8.230	117	37244	6.471	ug/l #	17
43) Isopropyl Acetate	8.671	43	52574	5.373	ug/l #	59
49) 1,4-Dioxane	9.694	88	104	1.091	ug/l #	1
71) Bromoform	12.853	173	1772	0.667	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	118326	25.094	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	118326	70.034	ug/l #	14

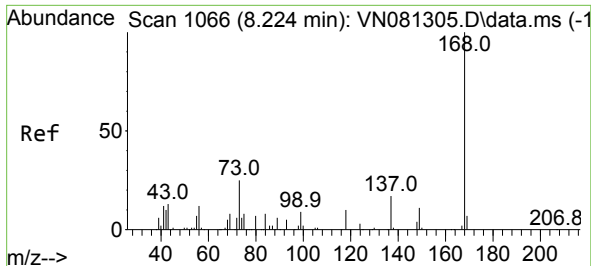
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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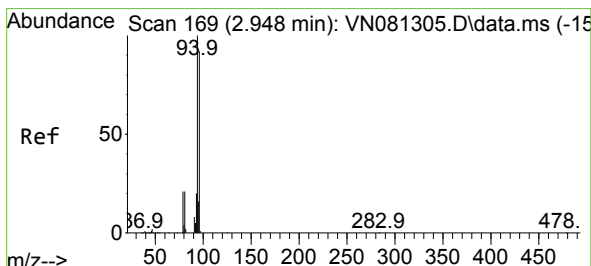
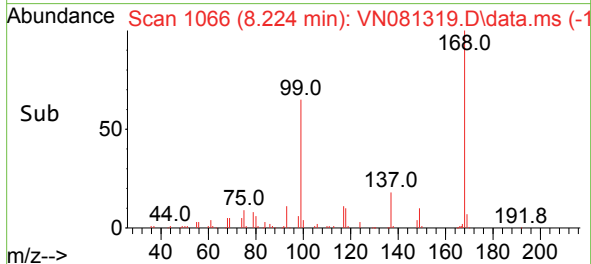
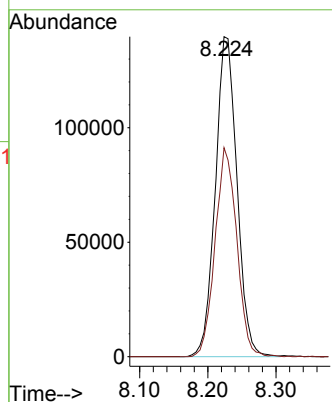
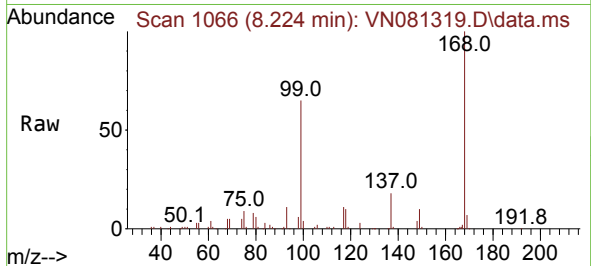




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081319.D
Acq: 06 Mar 2024 12:13

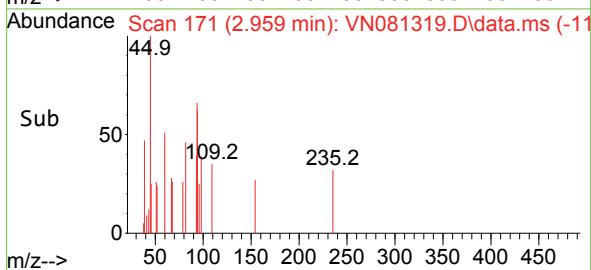
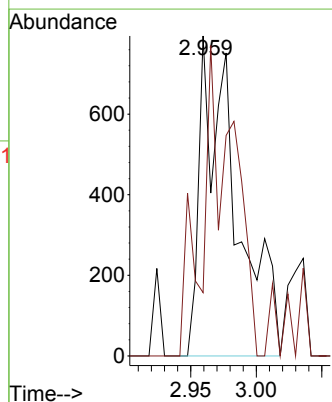
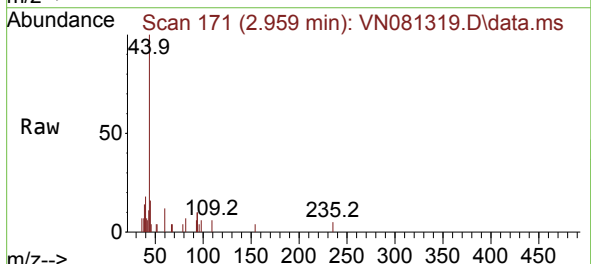
Instrument :
MSVOA_N
ClientSampleId :
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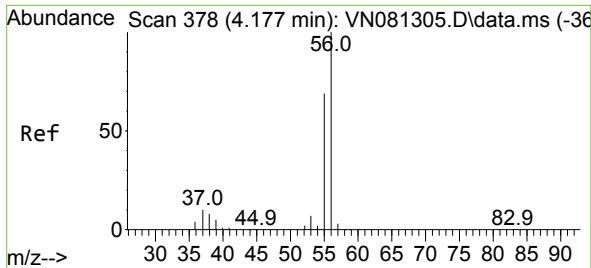
Tgt Ion:168 Resp: 309163
Ion Ratio Lower Upper
168 100
99 65.3 59.9 89.9



#5
Bromomethane
Concen: 0.488 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.012 min
Lab File: VN081319.D
Acq: 06 Mar 2024 12:13

Tgt Ion: 94 Resp: 1504
Ion Ratio Lower Upper
94 100
96 19.8 69.2 103.8#

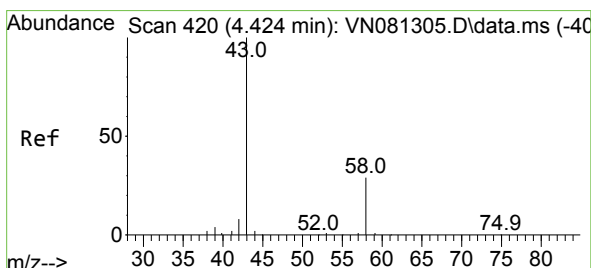
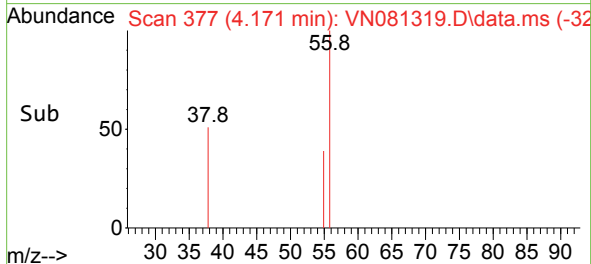
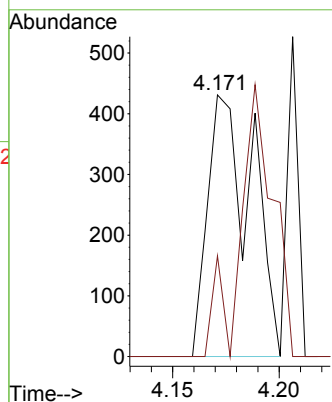
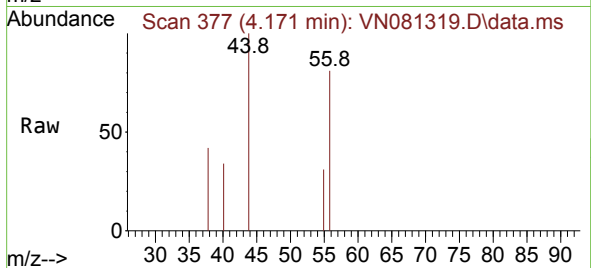




#13
Acrolein
Concen: 0.671 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN081319.D
Acq: 06 Mar 2024 12:13

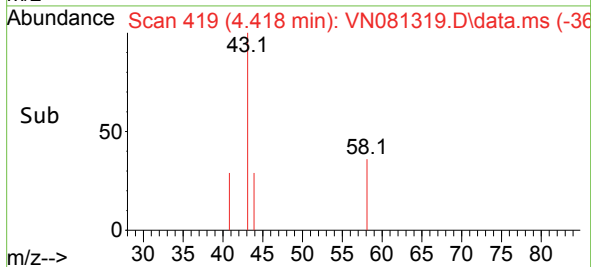
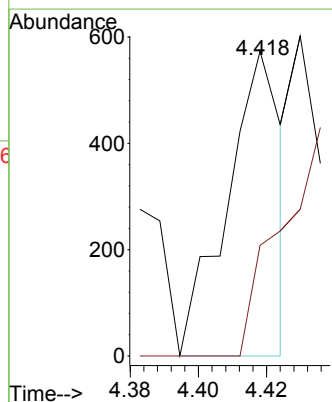
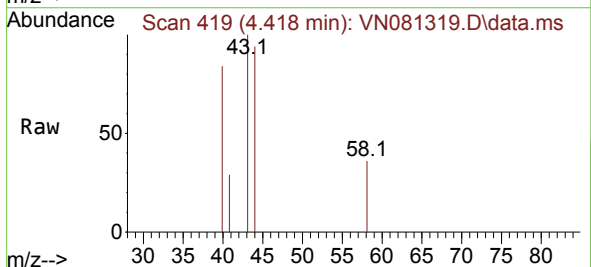
Instrument :
MSVOA_N
ClientSampleId :
3525

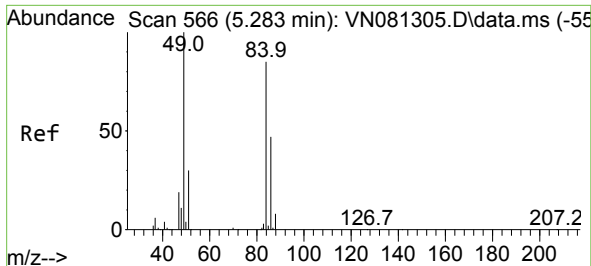
Tgt Ion: 56 Resp: 621
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#



#16
Acetone
Concen: 0.402 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN081319.D
Acq: 06 Mar 2024 12:13

Tgt Ion: 43 Resp: 637
Ion Ratio Lower Upper
43 100
58 36.3 24.8 37.2

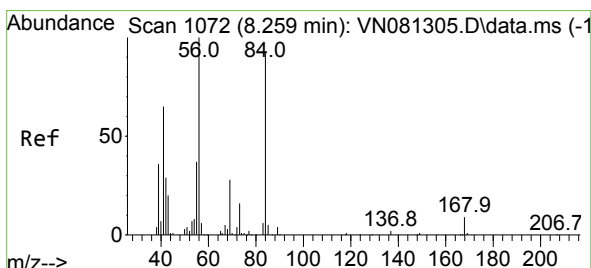
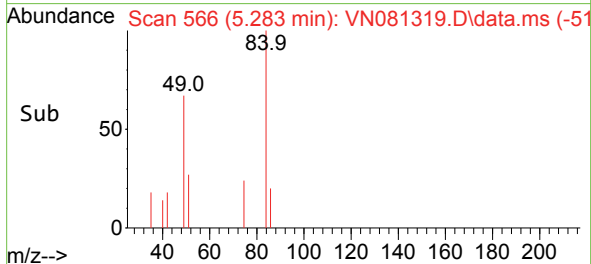
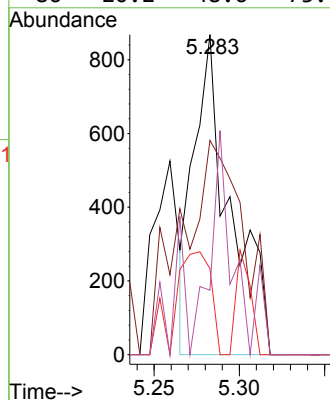
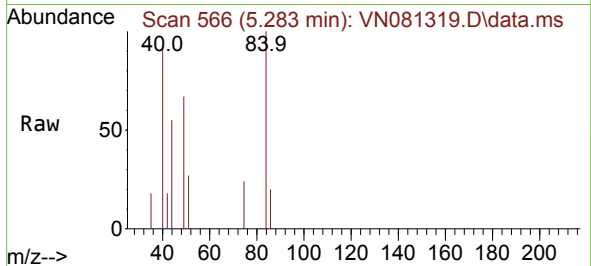




#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN081319.D
Acq: 06 Mar 2024 12:13

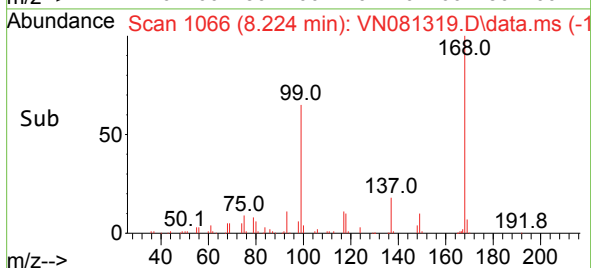
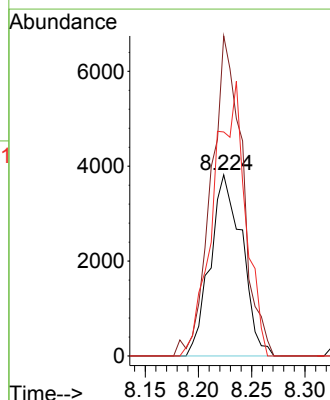
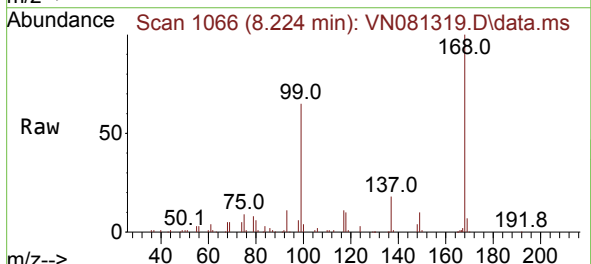
Instrument :
MSVOA_N
ClientSampleId :
3525

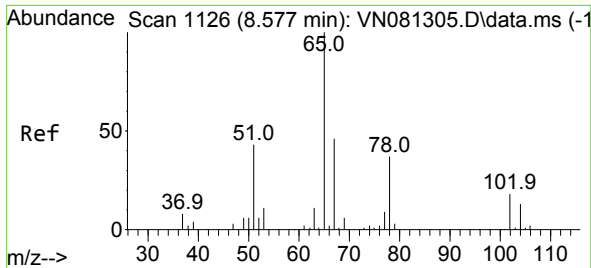
Tgt Ion:	84	Resp:	1293
Ion	Ratio	Lower	Upper
84	100		
49	66.9	108.1	162.1#
51	26.8	32.9	49.3#
86	20.2	48.6	73.0#



#31
Cyclohexane
Concen: 1.173 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081319.D
Acq: 06 Mar 2024 12:13

Tgt Ion:	56	Resp:	7937
Ion	Ratio	Lower	Upper
56	100		
69	176.6	20.1	30.1#
84	123.6	56.9	85.3#

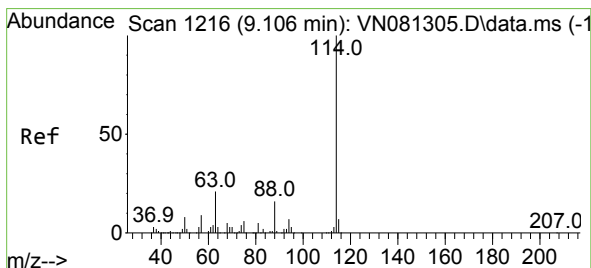
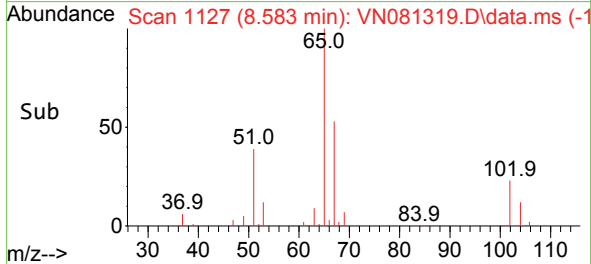
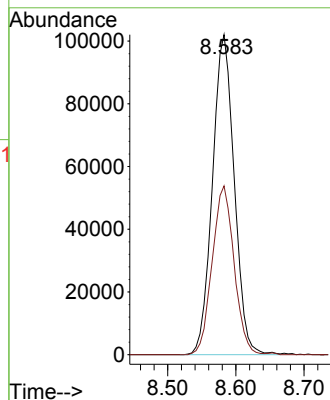
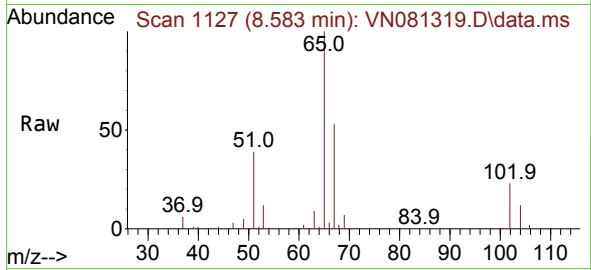




#33
 1,2-Dichloroethane-d4
 Concen: 50.813 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN081319.D
 Acq: 06 Mar 2024 12:13

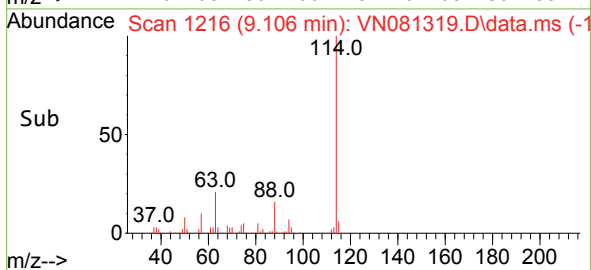
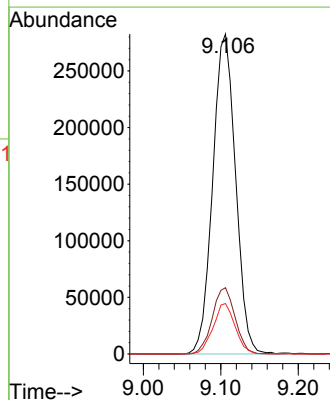
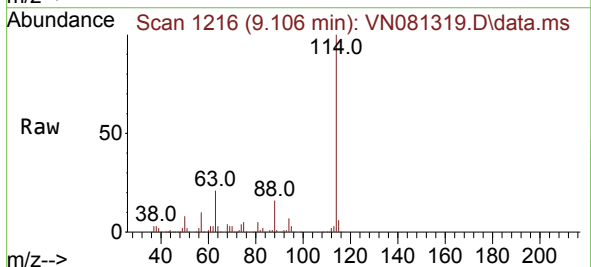
Instrument :
 MSVOA_N
 ClientSampleId :
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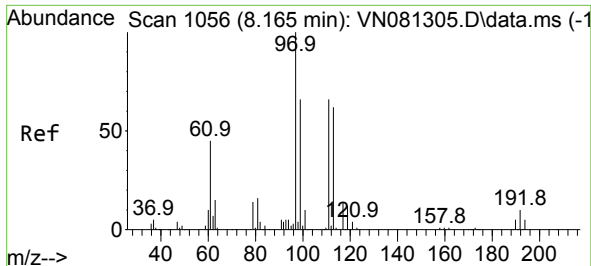
Tgt Ion: 65 Resp: 227141
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN081319.D
 Acq: 06 Mar 2024 12:13

Tgt Ion: 114 Resp: 578544
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 48.0
 88 15.8 0.0 34.8

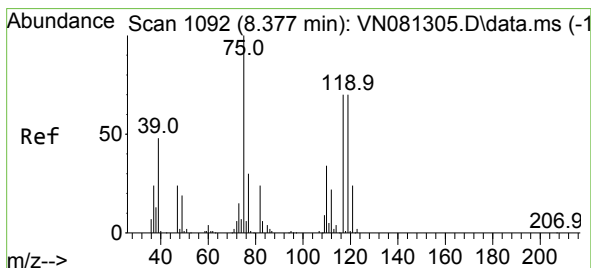
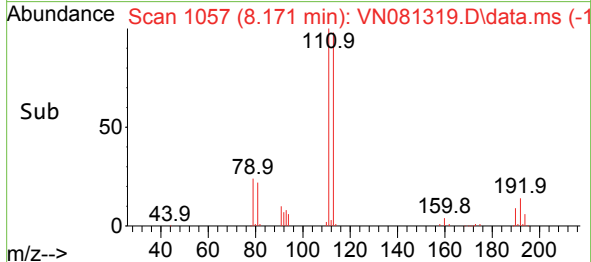
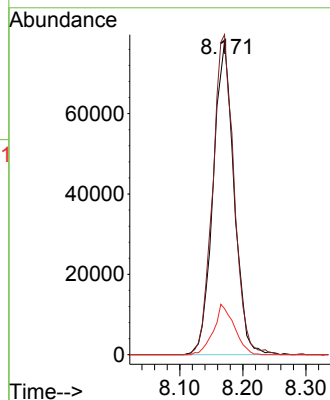
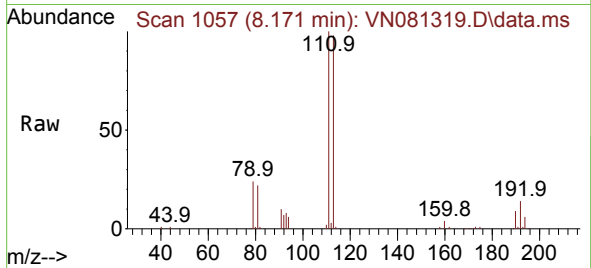




#35
 Dibromofluoromethane
 Concen: 50.551 ug/l
 RT: 8.171 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN081319.D
 Acq: 06 Mar 2024 12:13

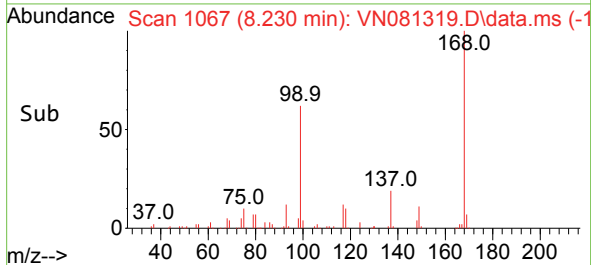
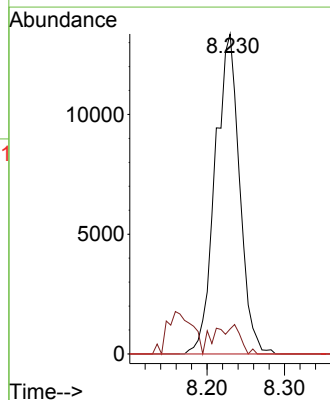
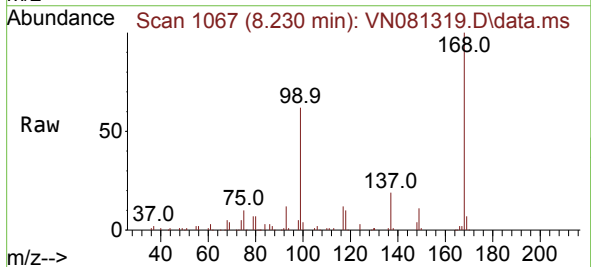
Instrument :
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 ClientSampleId :
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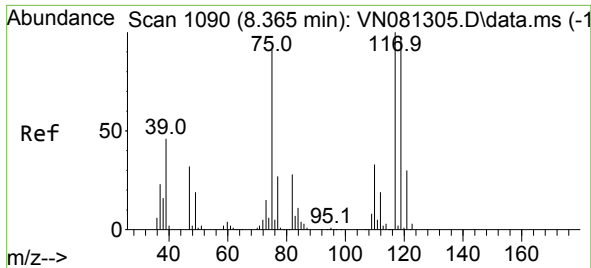
Tgt Ion:113 Resp: 179182
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.2 123.4
 192 16.0 12.5 18.7



#36
 1,1-Dichloropropene
 Concen: 5.103 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.147 min
 Lab File: VN081319.D
 Acq: 06 Mar 2024 12:13

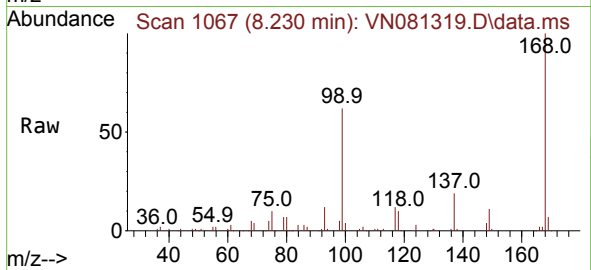
Tgt Ion: 75 Resp: 29182
 Ion Ratio Lower Upper
 75 100
 110 5.2 16.0 48.0#
 77 0.0 25.8 38.6#



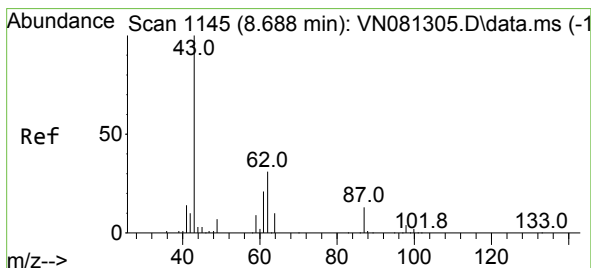
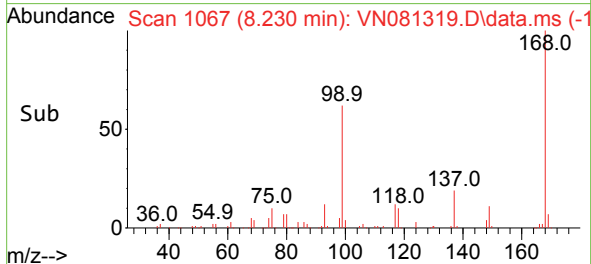
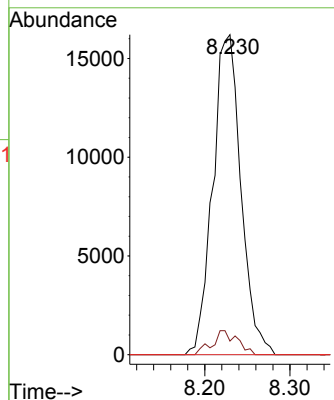


#38
Carbon Tetrachloride
Concen: 6.471 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN081319.D
Acq: 06 Mar 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
3525

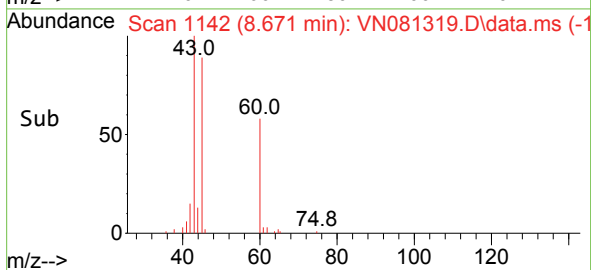
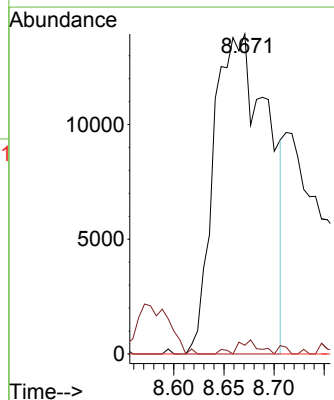
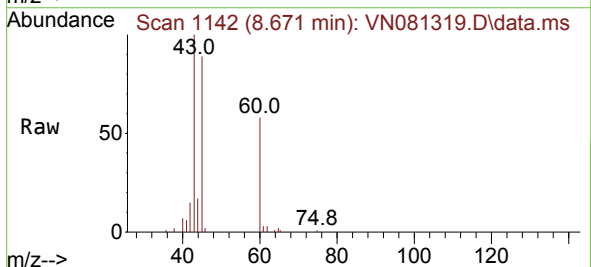


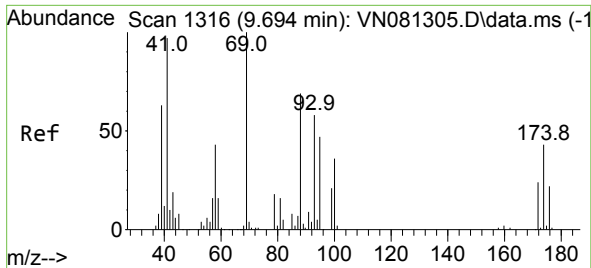
Tgt Ion:117 Resp: 37244
Ion Ratio Lower Upper
117 100
119 4.3 73.4 110.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 5.373 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.018 min
Lab File: VN081319.D
Acq: 06 Mar 2024 12:13

Tgt Ion: 43 Resp: 52574
Ion Ratio Lower Upper
43 100
61 1.7 19.9 29.9#
87 0.0 9.0 13.6#

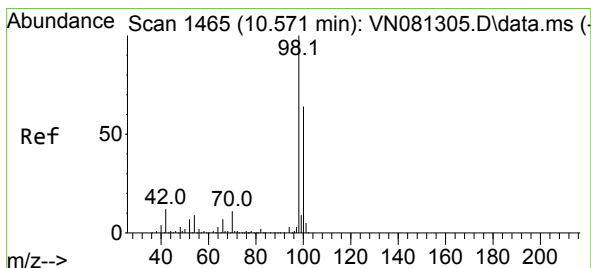
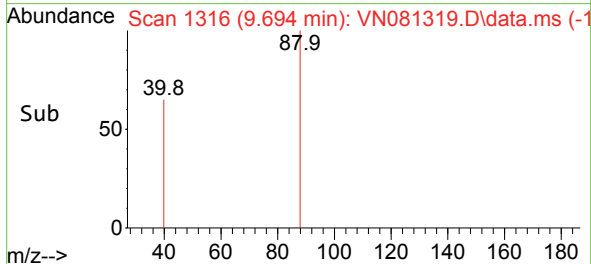
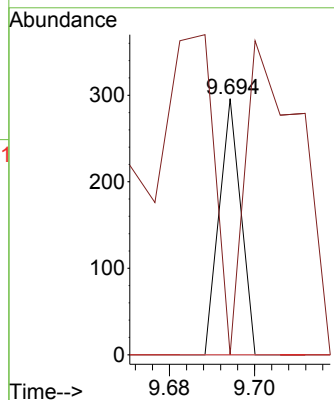
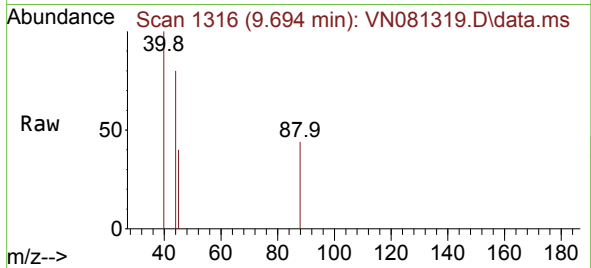




#49
1,4-Dioxane
Concen: 1.091 ug/l
RT: 9.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081319.D
Acq: 06 Mar 2024 12:13

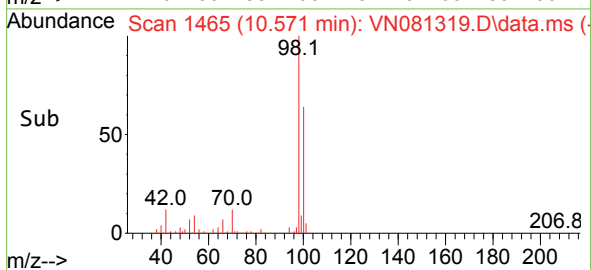
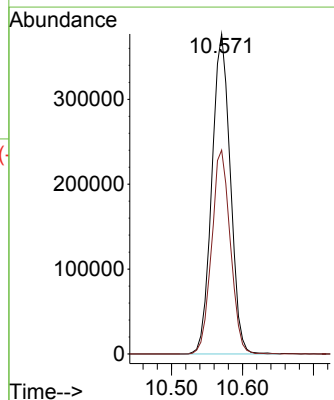
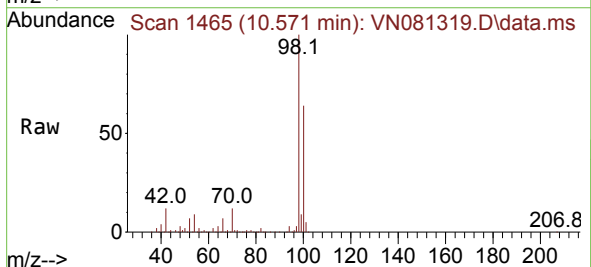
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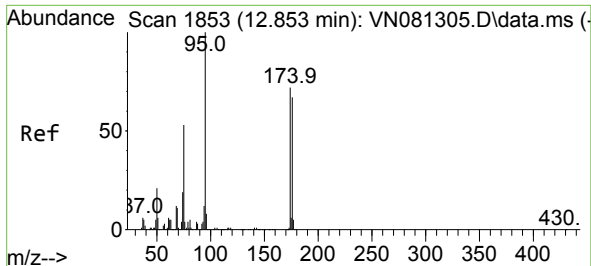
Tgt Ion: 88 Resp: 104
Ion Ratio Lower Upper
88 100
43 311.5 30.1 45.1#
58 0.0 63.9 95.9#



#50
Toluene-d8
Concen: 51.262 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081319.D
Acq: 06 Mar 2024 12:13

Tgt Ion: 98 Resp: 679239
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0

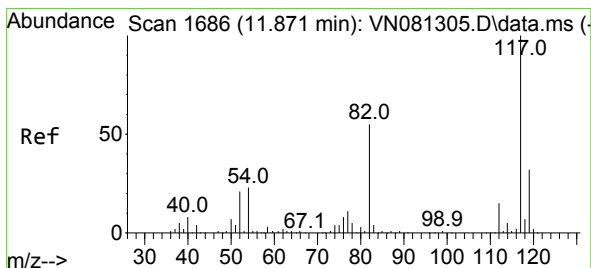
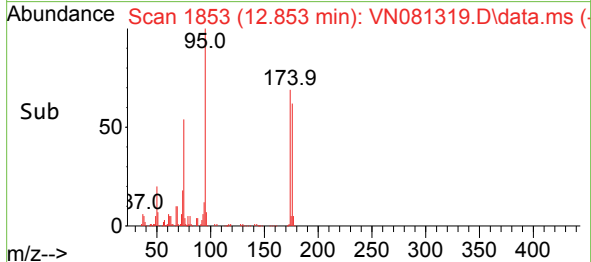
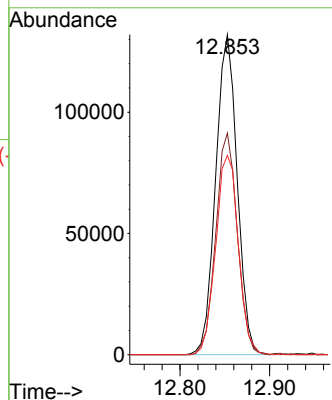
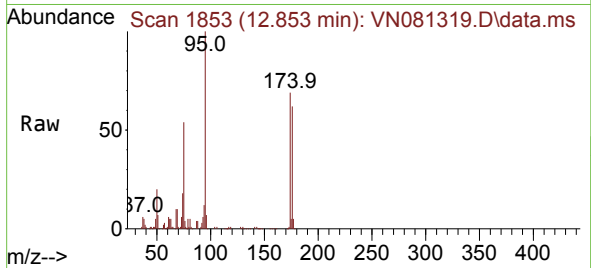




#62
4-Bromofluorobenzene
Concen: 46.950 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081319.D
Acq: 06 Mar 2024 12:13

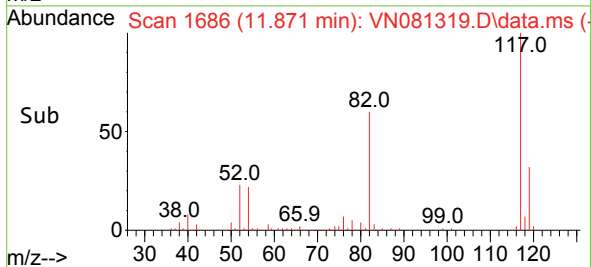
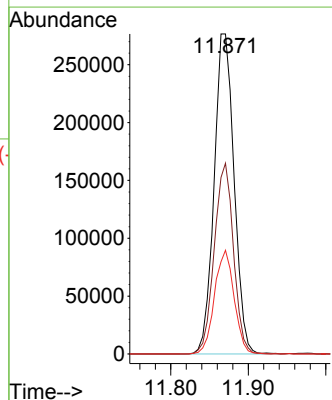
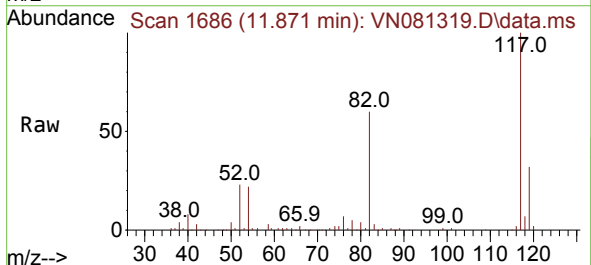
Instrument :
MSVOA_N
ClientSampleId :
3525

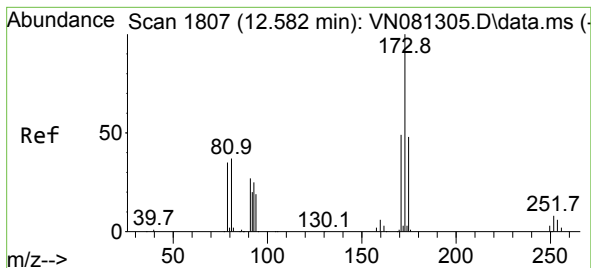
Tgt Ion: 95 Resp: 219878
Ion Ratio Lower Upper
95 100
174 69.0 0.0 120.4
176 65.6 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN081319.D
Acq: 06 Mar 2024 12:13

Tgt Ion: 117 Resp: 495911
Ion Ratio Lower Upper
117 100
82 59.6 52.7 79.1
119 32.4 25.3 37.9





#71

Bromoform

Concen: 0.667 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

Lab File: VN081319.D

Acq: 06 Mar 2024 12:13

Instrument :

MSVOA_N

ClientSampleId :

3525

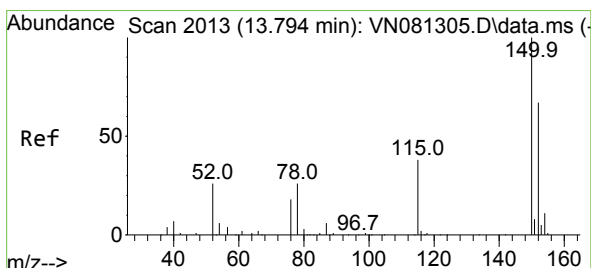
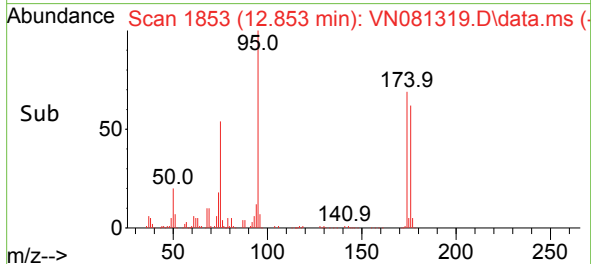
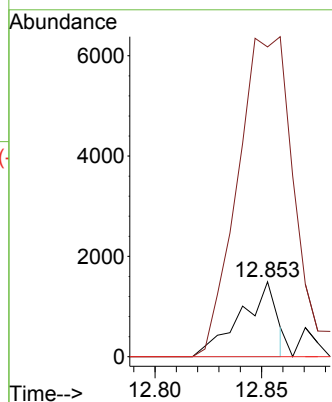
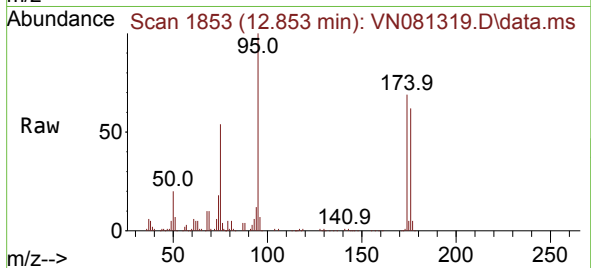
Tgt Ion:173 Resp: 1772

Ion Ratio Lower Upper

173 100

175 411.0 23.1 69.2#

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: VN081319.D

Acq: 06 Mar 2024 12:13

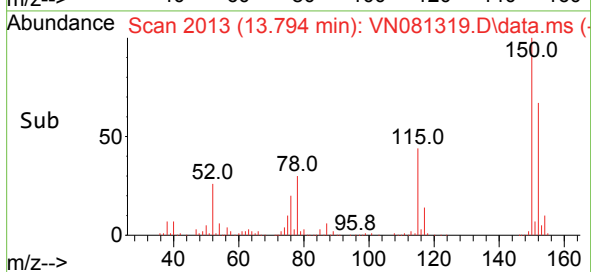
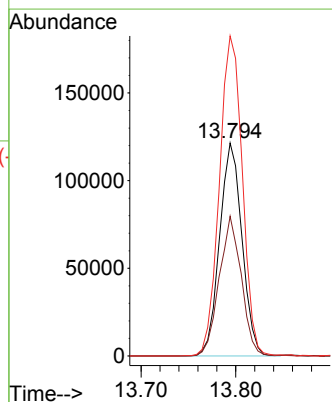
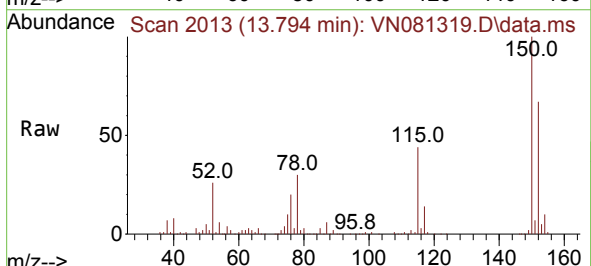
Tgt Ion:152 Resp: 199631

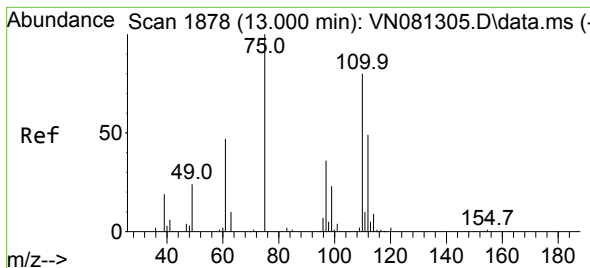
Ion Ratio Lower Upper

152 100

115 64.5 32.3 96.8

150 154.4 0.0 339.8





#76

1,2,3-Trichloropropane

Concen: 25.094 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN081319.D

Acq: 06 Mar 2024 12:13

Instrument :

MSVOA_N

ClientSampleId :

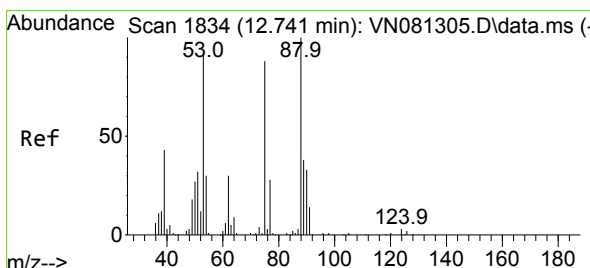
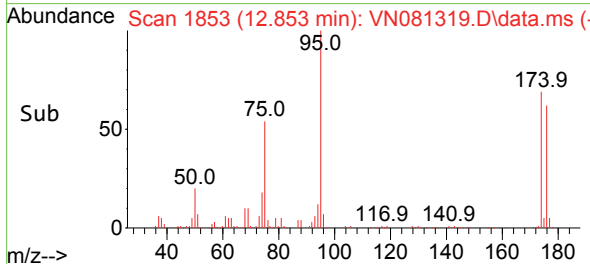
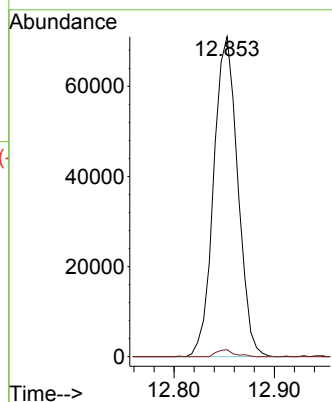
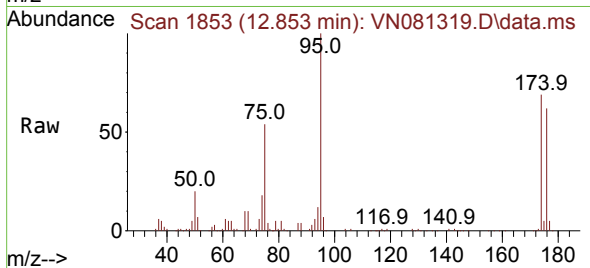
3525

Tgt Ion: 75 Resp: 118326

Ion Ratio Lower Upper

75 100

77 1.6 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.034 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN081319.D

Acq: 06 Mar 2024 12:13

Tgt Ion: 75 Resp: 118326

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.0 33.4 50.0#

