

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
 Data File : VN080999.D
 Acq On : 12 Feb 2024 11:33
 Operator : JC\MD
 Sample : VN0212WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBL02

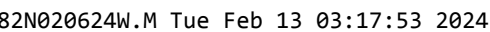
Quant Time: Feb 13 03:17:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

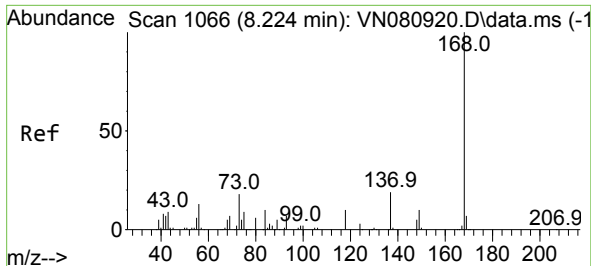
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	556967	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	950998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	800947	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	326833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	303995	43.266	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.540%
35) Dibromofluoromethane	8.171	113	285700	55.986	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.980%
50) Toluene-d8	10.571	98	924318	50.076	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.160%
62) 4-Bromofluorobenzene	12.847	95	300968	44.884	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.760%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	3180	Below Cal	#	81
5) Bromomethane	2.971	94	1528	0.288	ug/l	86
13) Acrolein	4.165	56	463	0.379	ug/l	# 57
17) Carbon Disulfide	4.700	76	3569	0.237	ug/l	# 85
18) Methyl Acetate	5.030	43	1051	Below Cal	#	67
31) Cyclohexane	8.224	56	10987	1.144	ug/l	# 1
36) 1,1-Dichloropropene	8.224	75	40358	5.316	ug/l	# 51
38) Carbon Tetrachloride	8.224	117	58367	7.500	ug/l	# 17
49) 1,4-Dioxane	9.694	88	116	1.056	ug/l	# 18
76) 1,2,3-Trichloropropane	12.847	75	155599	23.349	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.847	75	155599	63.438	ug/l	# 14
93) 1,2,4-Trichlorobenzene	15.388	180	1838	0.340	ug/l	87
94) Hexachlorobutadiene	15.500	225	1553	0.662	ug/l	91
95) Naphthalene	15.641	128	4937	0.276	ug/l	# 93
96) 1,2,3-Trichlorobenzene	15.841	180	1879	0.353	ug/l	# 91

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

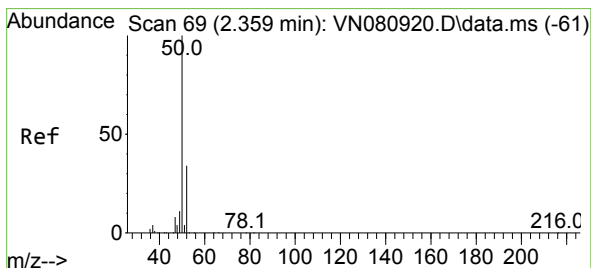
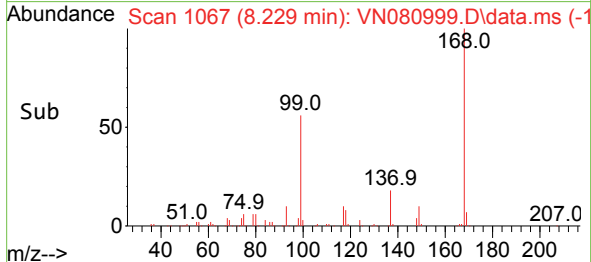
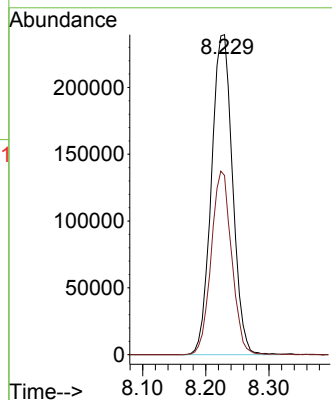
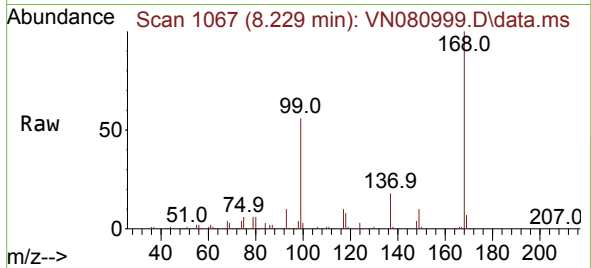




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

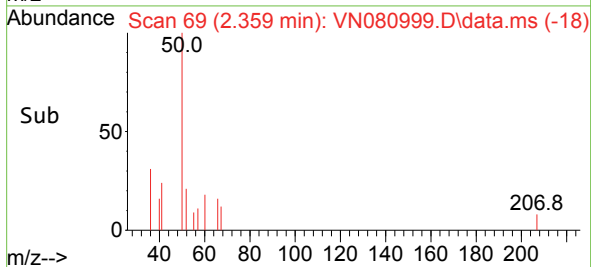
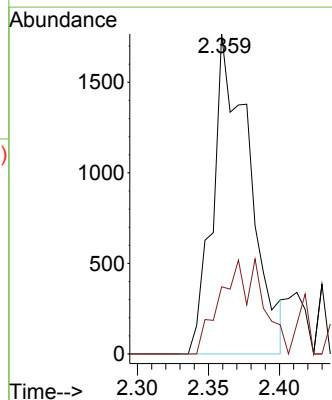
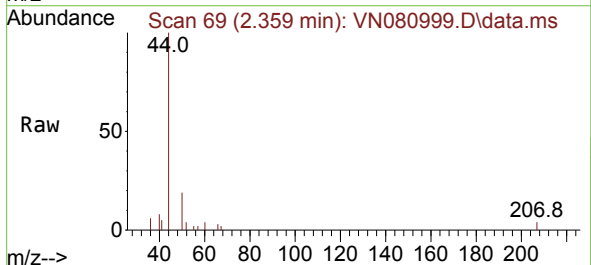
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBL02

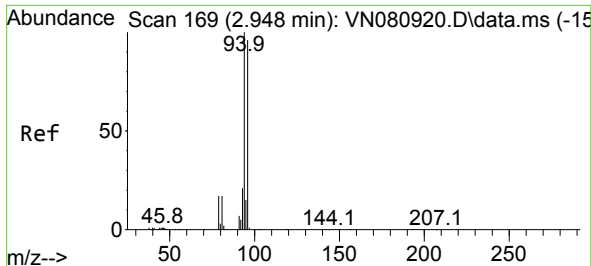
Tgt Ion:168 Resp: 556967
Ion Ratio Lower Upper
168 100
99 56.0 59.9 89.9#



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

Tgt Ion: 50 Resp: 3180
Ion Ratio Lower Upper
50 100
52 21.0 25.0 37.4#

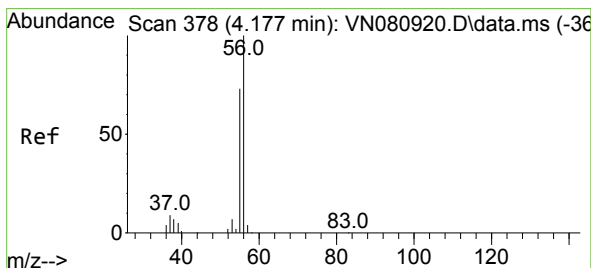
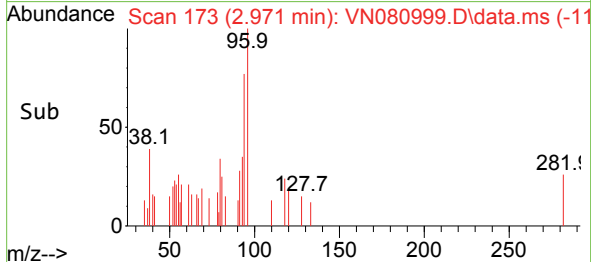
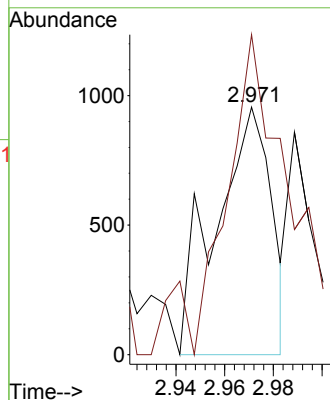
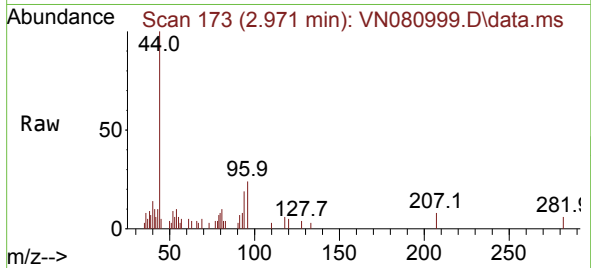




#5
Bromomethane
Concen: 0.288 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

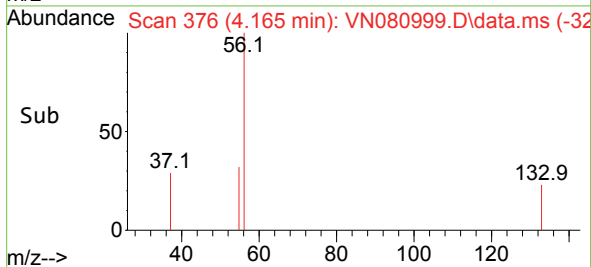
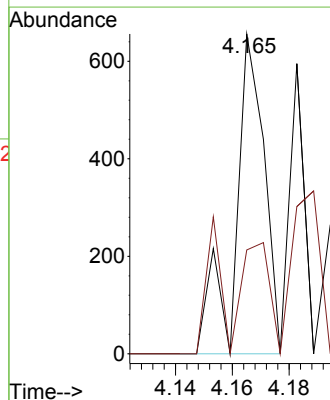
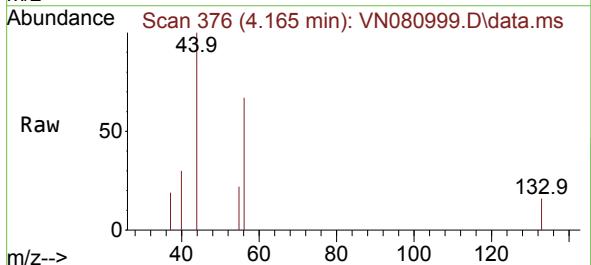
Instrument :
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ClientSampleId :
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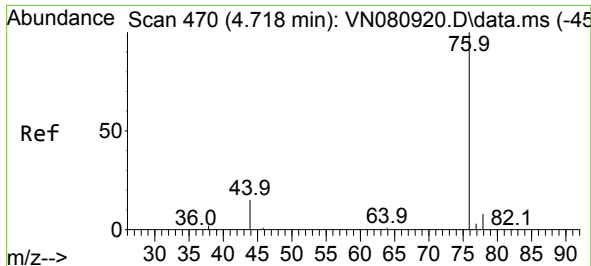
Tgt Ion: 94 Resp: 1528
Ion Ratio Lower Upper
94 100
96 99.6 69.2 103.8



#13
Acrolein
Concen: 0.379 ug/l
RT: 4.165 min Scan# 376
Delta R.T. -0.012 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

Tgt Ion: 56 Resp: 463
Ion Ratio Lower Upper
56 100
55 33.7 55.3 82.9#

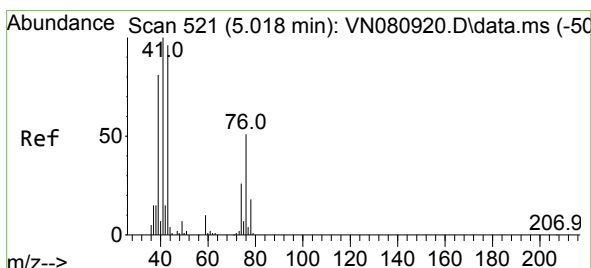
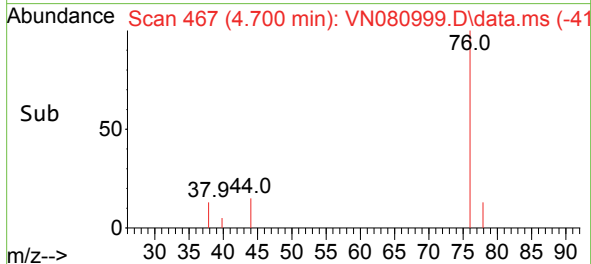
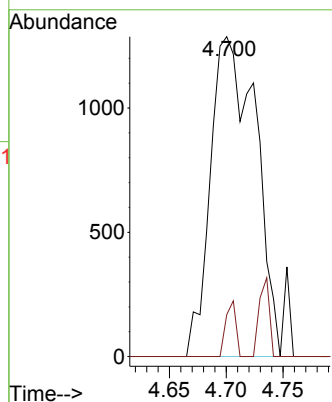
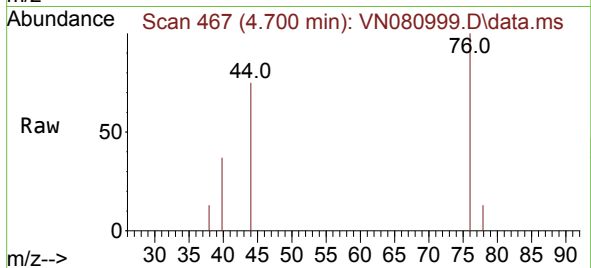




#17
Carbon Disulfide
Concen: 0.237 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.018 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

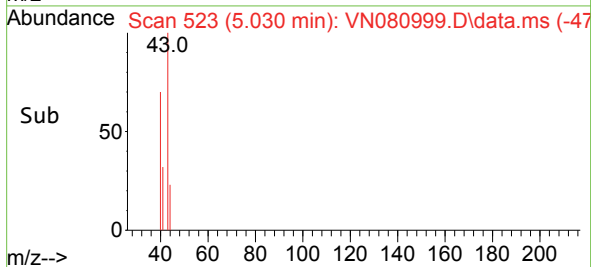
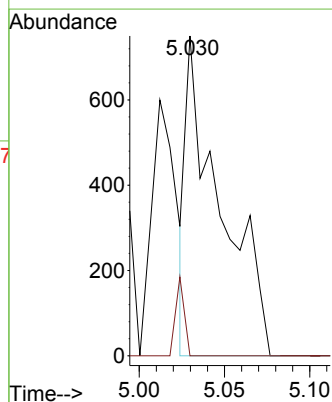
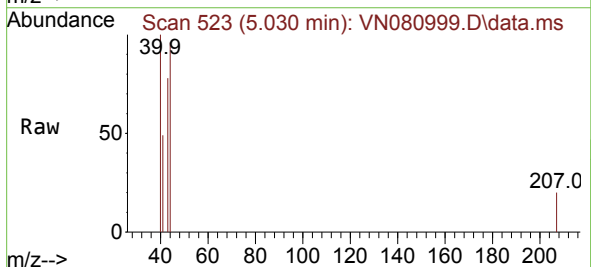
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBL02

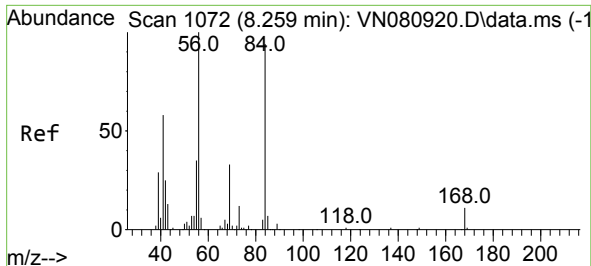
Tgt Ion: 76 Resp: 3569
Ion Ratio Lower Upper
76 100
78 13.1 6.3 9.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

Tgt Ion: 43 Resp: 1051
Ion Ratio Lower Upper
43 100
74 6.2 17.3 25.9#

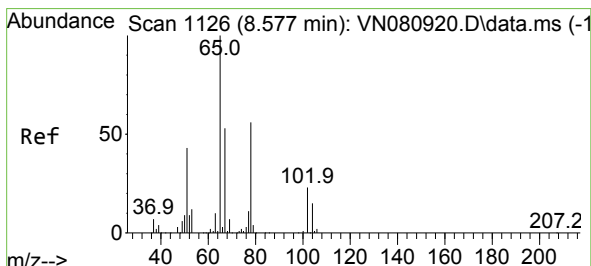
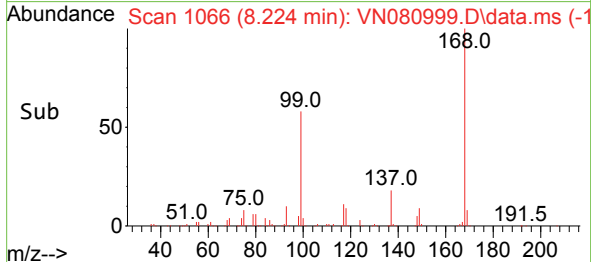
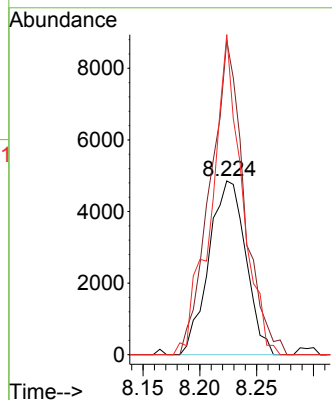
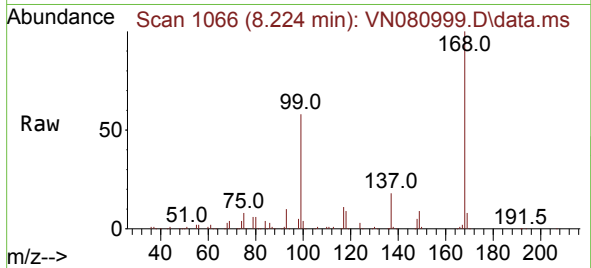




#31
Cyclohexane
Concen: 1.144 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

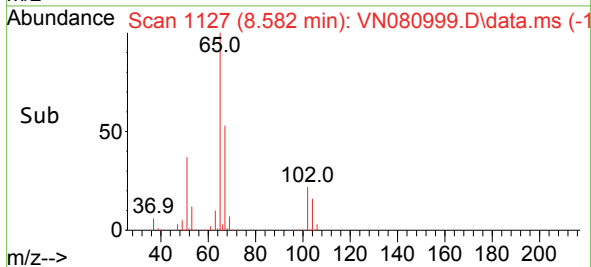
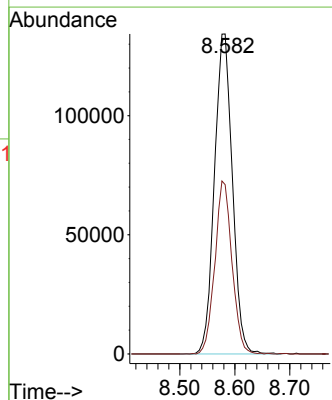
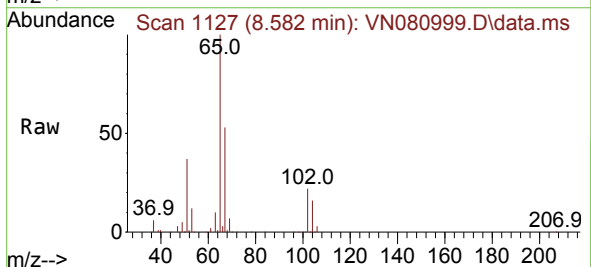
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBL02

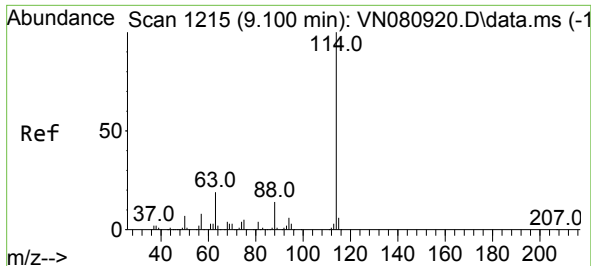
Tgt Ion: 56 Resp: 10987
Ion Ratio Lower Upper
56 100
69 180.9 20.1 30.1#
84 196.2 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 43.266 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

Tgt Ion: 65 Resp: 303995
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.4

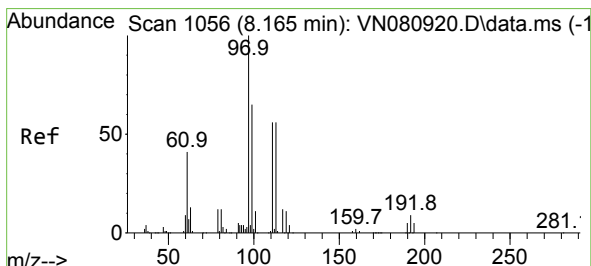
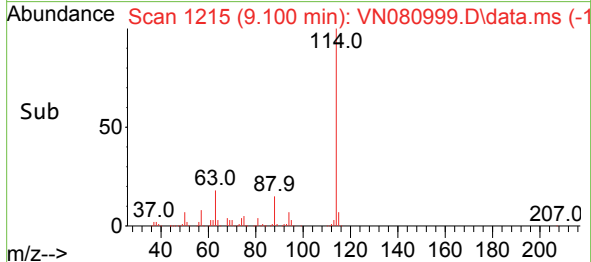
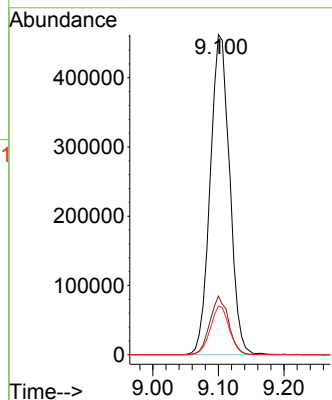
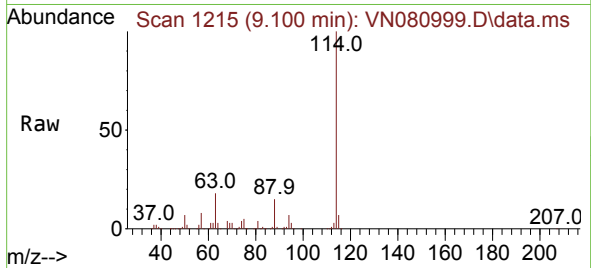




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

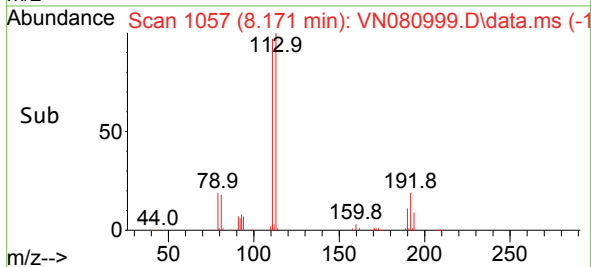
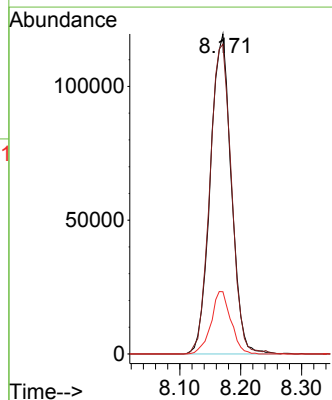
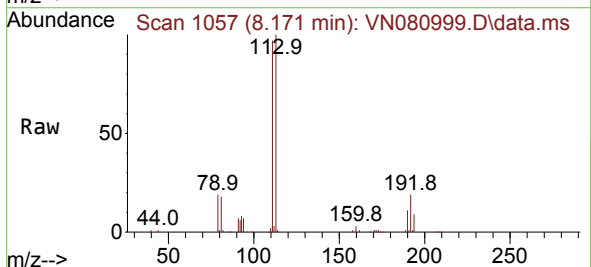
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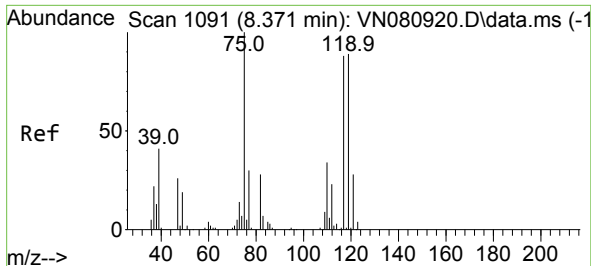
Tgt Ion:114 Resp: 950998
Ion Ratio Lower Upper
114 100
63 18.3 0.0 48.0
88 15.2 0.0 34.8



#35
Dibromofluoromethane
Concen: 55.986 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

Tgt Ion:113 Resp: 285700
Ion Ratio Lower Upper
113 100
111 100.0 82.2 123.4
192 18.5 12.5 18.7

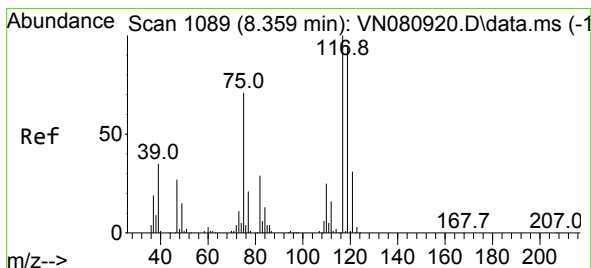
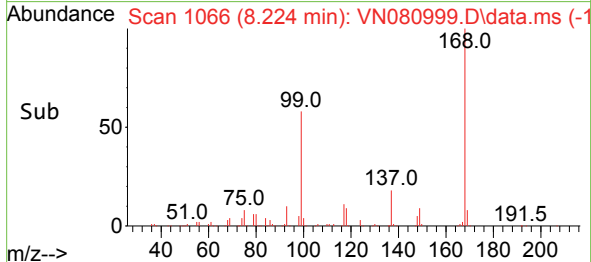
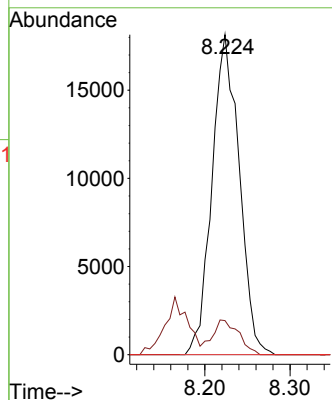
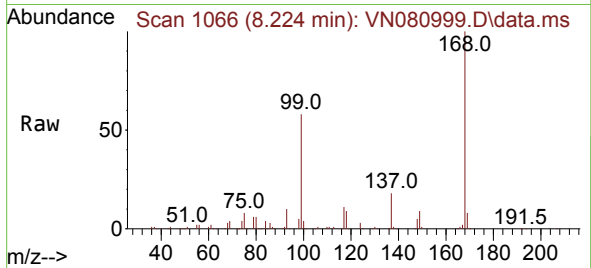




#36
1,1-Dichloropropene
Concen: 5.316 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

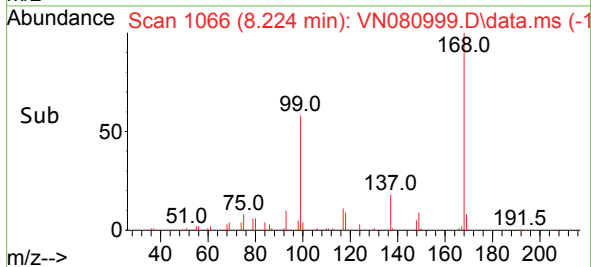
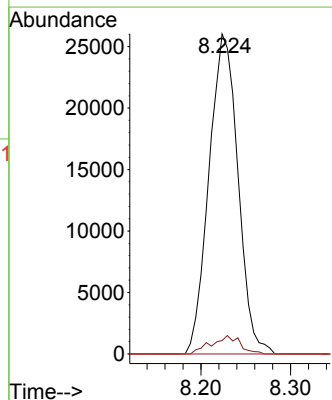
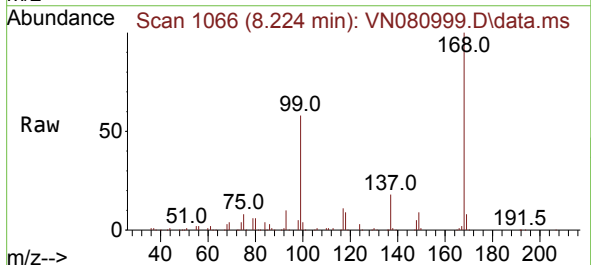
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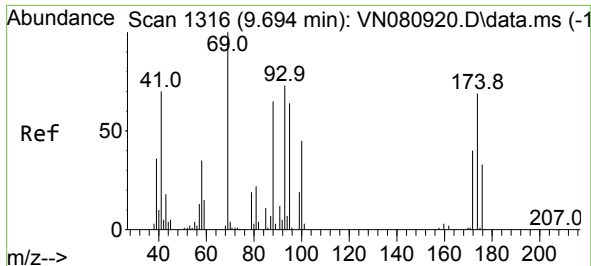
Tgt Ion: 75 Resp: 40358
Ion Ratio Lower Upper
75 100
110 9.9 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 7.500 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

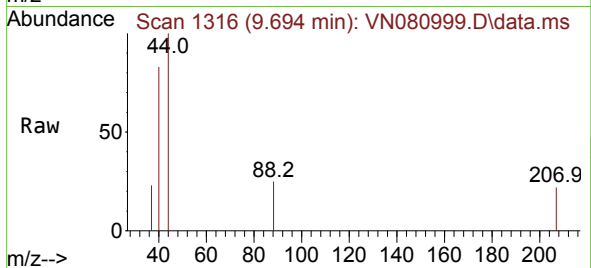
Tgt Ion: 117 Resp: 58367
Ion Ratio Lower Upper
117 100
119 4.2 73.4 110.2#
121 0.0 24.4 36.6#



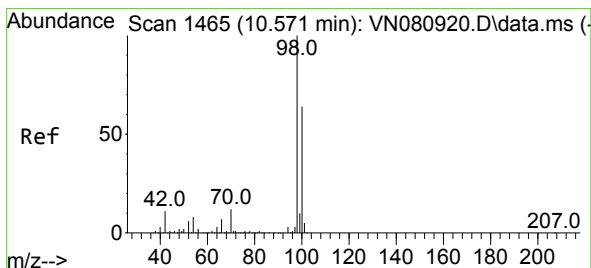
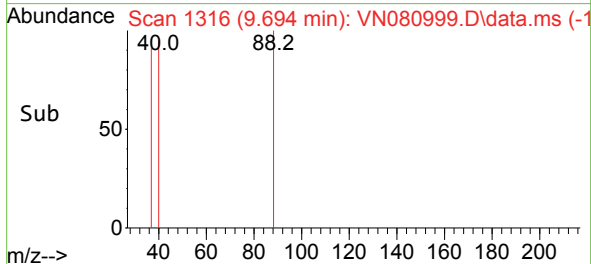
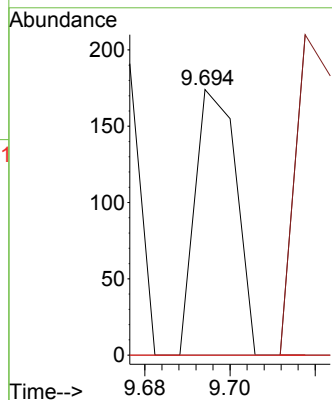


#49
1,4-Dioxane
Concen: 1.056 ug/l
RT: 9.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN0212WBL02

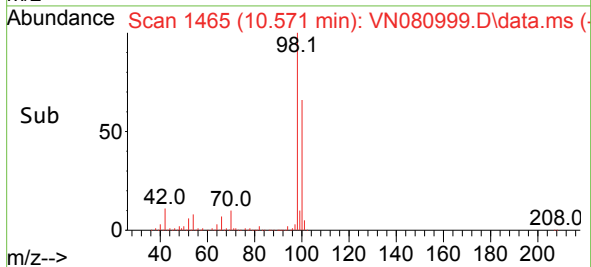
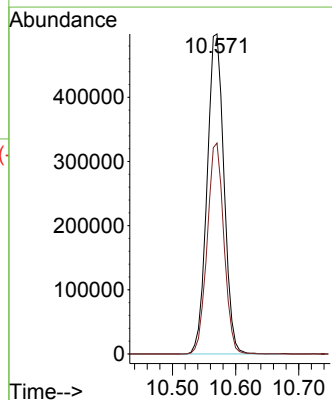
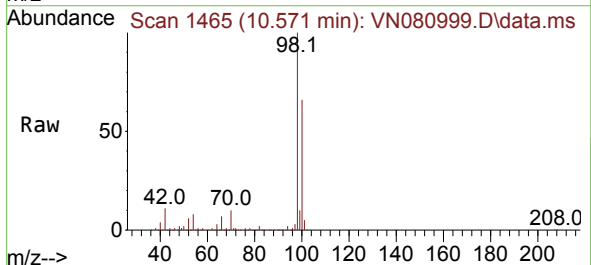


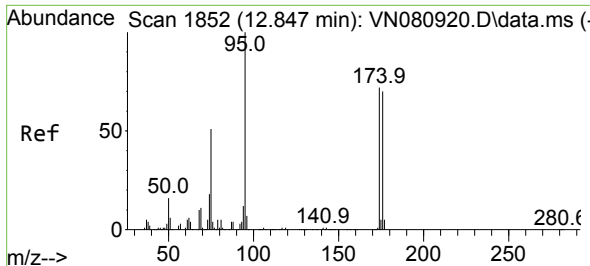
Tgt Ion: 88 Resp: 116
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1#
58 0.0 63.9 95.9#



#50
Toluene-d8
Concen: 50.076 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

Tgt Ion: 98 Resp: 924318
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0

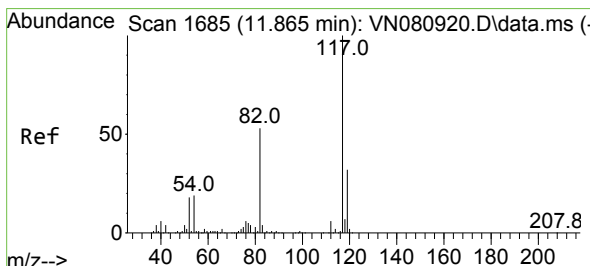
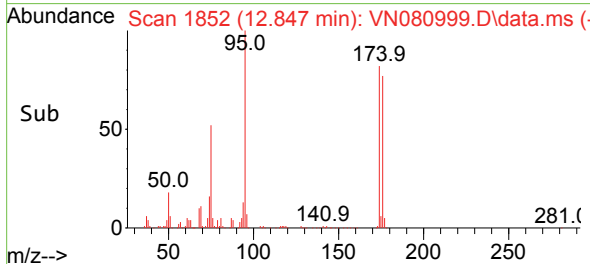
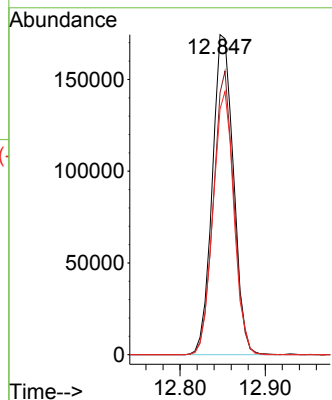
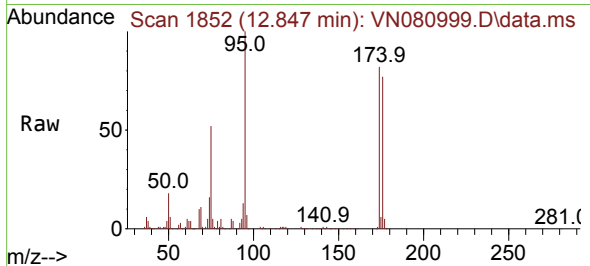




#62
4-Bromofluorobenzene
Concen: 44.884 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

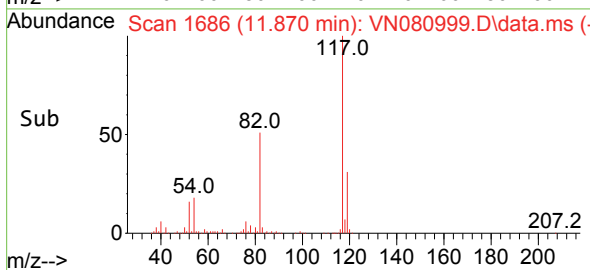
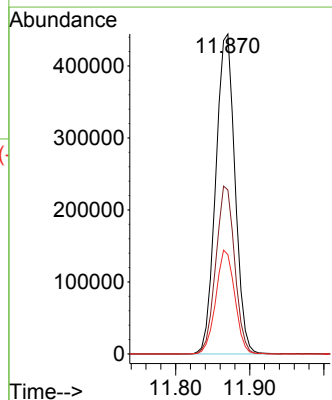
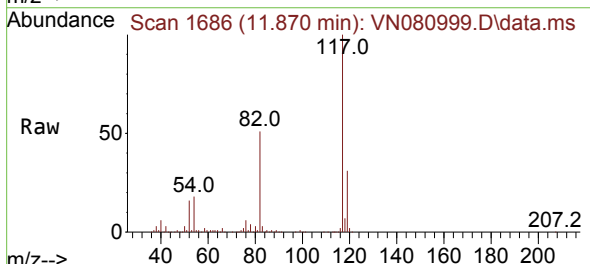
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBL02

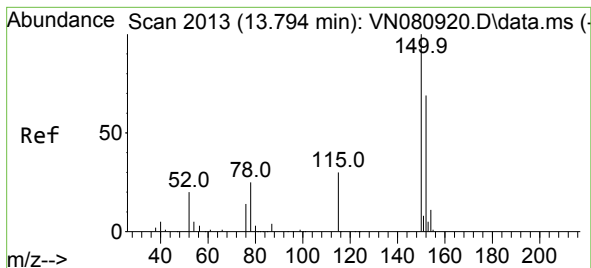
Tgt Ion: 95 Resp: 300968
Ion Ratio Lower Upper
95 100
174 85.3 0.0 120.4
176 80.9 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

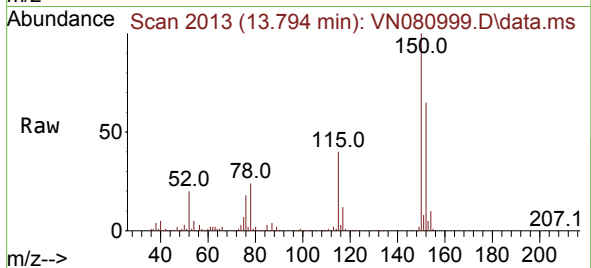
Tgt Ion: 117 Resp: 800947
Ion Ratio Lower Upper
117 100
82 51.3 52.7 79.1#
119 31.0 25.3 37.9



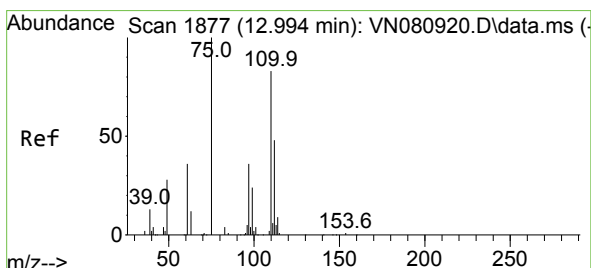
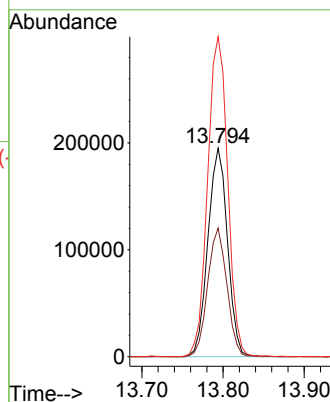
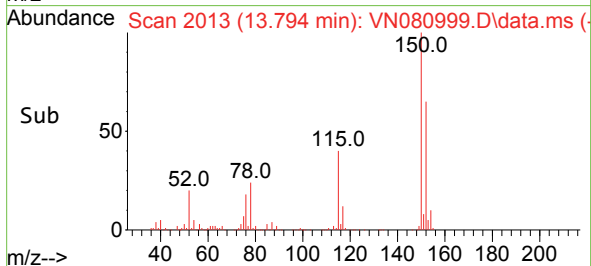


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN080999.D
 Acq: 12 Feb 2024 11:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBL02

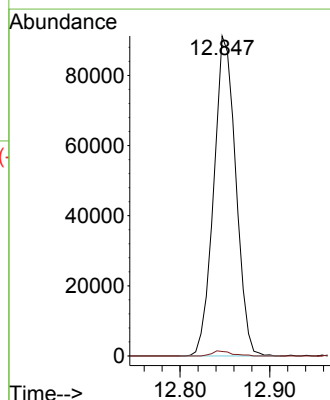
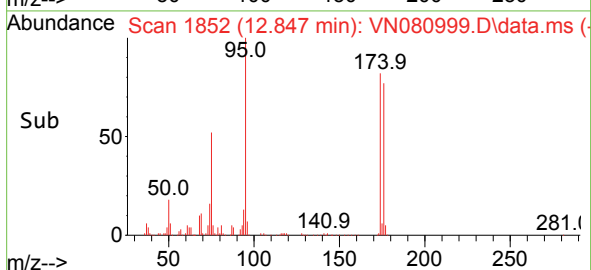
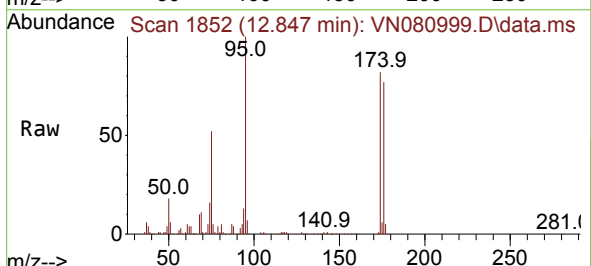


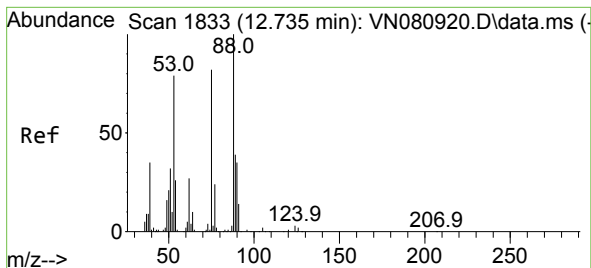
Tgt Ion:152 Resp: 326833
 Ion Ratio Lower Upper
 152 100
 115 60.5 32.3 96.8
 150 157.0 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 23.349 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN080999.D
 Acq: 12 Feb 2024 11:33

Tgt Ion: 75 Resp: 155599
 Ion Ratio Lower Upper
 75 100
 77 1.4 91.0 272.8#

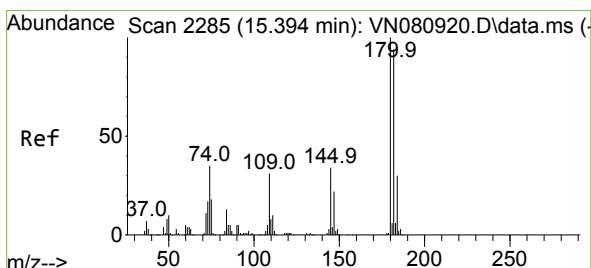
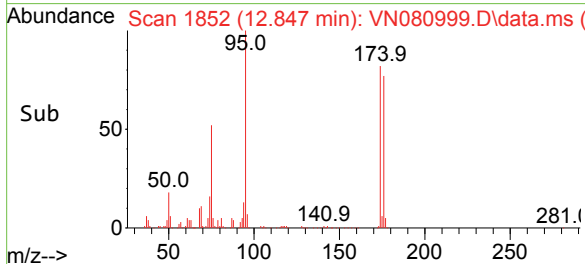
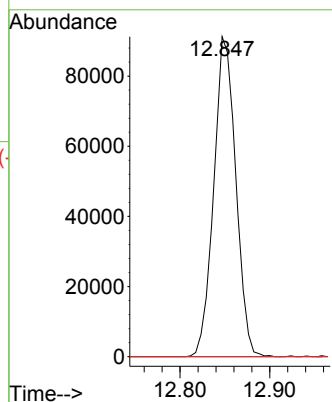
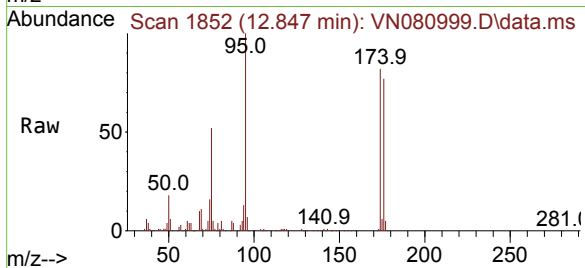




#81
trans-1,4-Dichloro-2-butene
Concen: 63.438 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

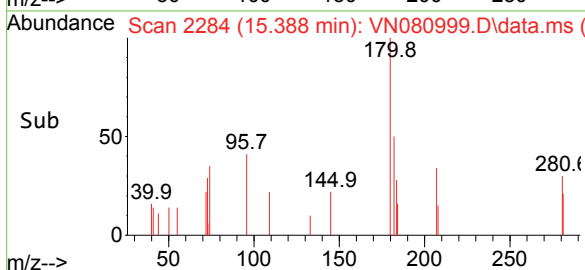
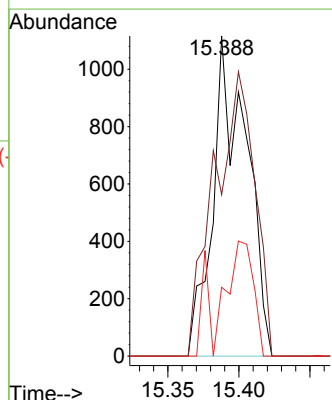
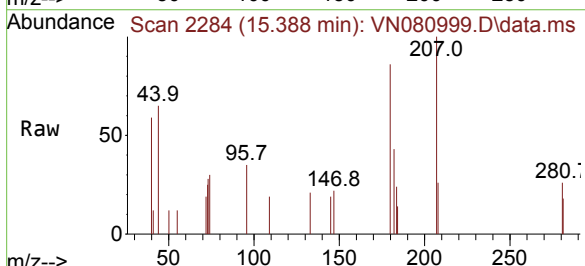
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBL02

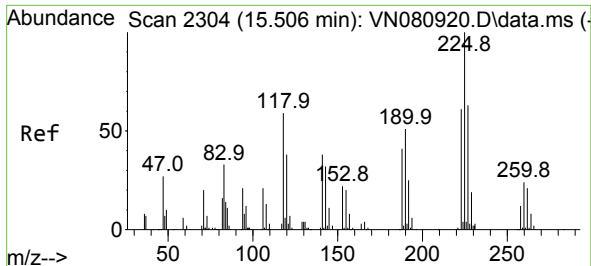
Tgt Ion: 75 Resp: 155599
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.340 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.006 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

Tgt Ion:180 Resp: 1838
Ion Ratio Lower Upper
180 100
182 106.6 46.6 139.7
145 28.3 16.8 50.3

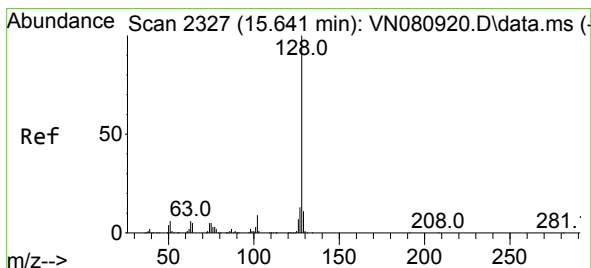
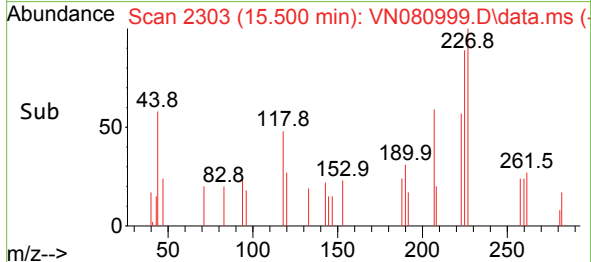
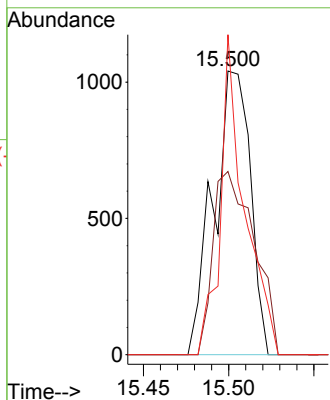
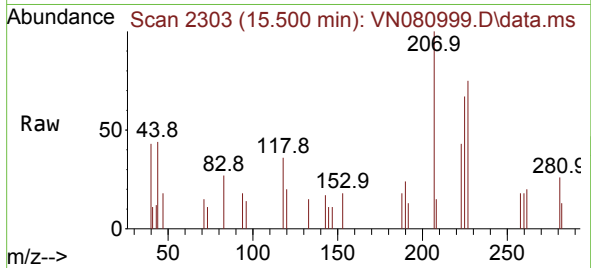




#94
Hexachlorobutadiene
Concen: 0.662 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

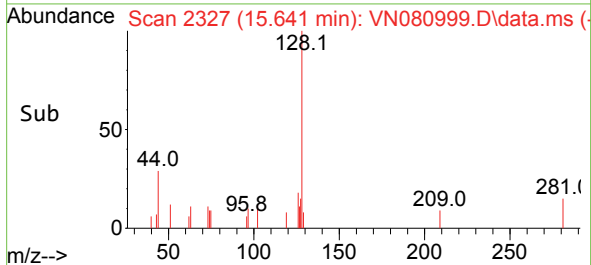
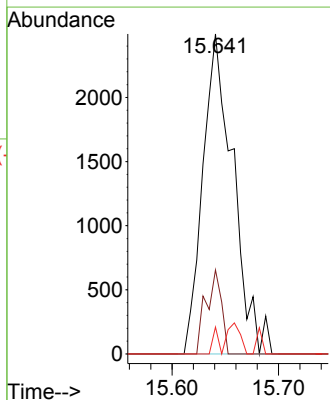
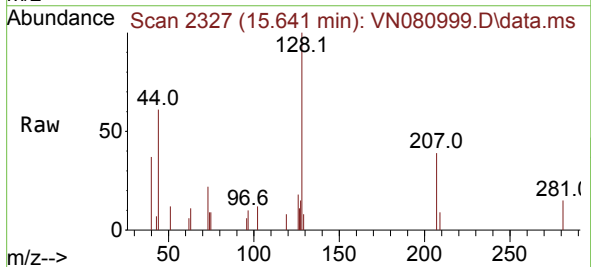
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBL02

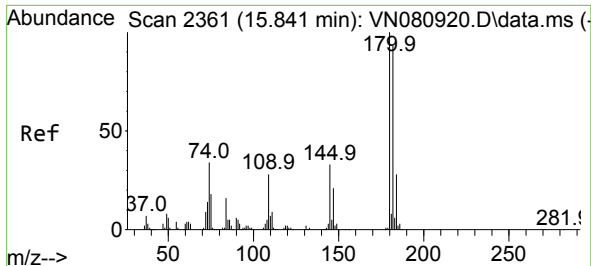
Tgt Ion:	225	Resp:	1553
Ion	Ratio	Lower	Upper
225	100		
223	73.0	33.3	99.8
227	74.1	33.1	99.2



#95
Naphthalene
Concen: 0.276 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

Tgt Ion:	128	Resp:	4937
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.0	15.0
129	5.7	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.353 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN080999.D
 Acq: 12 Feb 2024 11:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBL02

Tgt Ion:180 Resp: 1879
 Ion Ratio Lower Upper
 180 100
 182 93.3 46.5 139.3
 145 16.4 17.8 53.4#

