

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020824\
 Data File : VN080975.D
 Acq On : 08 Feb 2024 19:46
 Operator : JC\MD
 Sample : P1395-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 09 01:27:06 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)

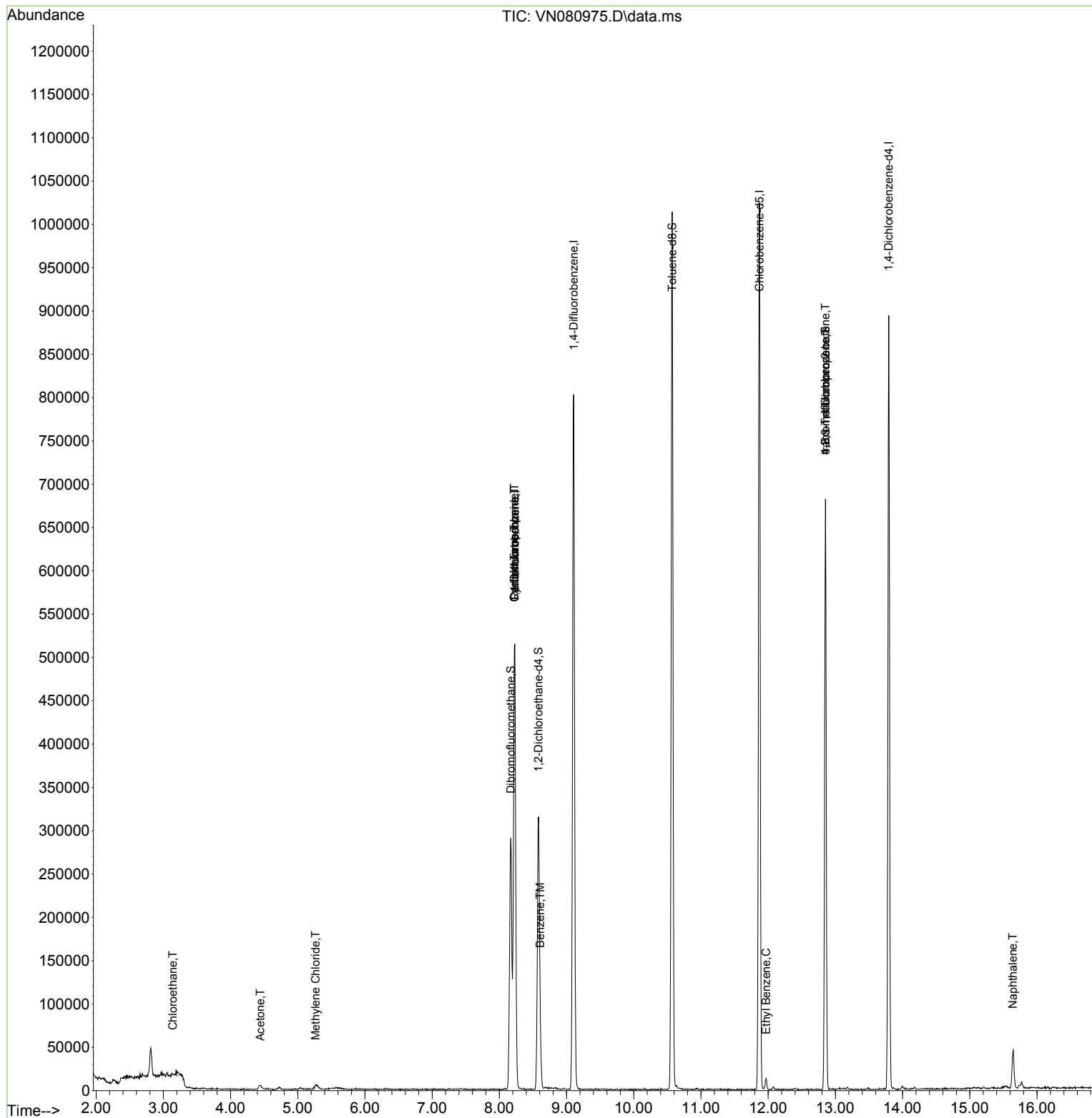
Internal Standards						
1) Pentafluorobenzene	8.230	168	367213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	707529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	606357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	232020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	249960	53.959	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.920%	
35) Dibromofluoromethane	8.171	113	209810	55.263	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.520%	
50) Toluene-d8	10.571	98	713980	51.991	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.980%	
62) 4-Bromofluorobenzene	12.853	95	233869	46.879	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.760%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	2257	Below Cal		100
6) Chloroethane	3.142	64	1614	0.421	ug/l	94
16) Acetone	4.442	43	9579	6.285	ug/l #	74
18) Methyl Acetate	5.036	43	2344	Below Cal	#	60
20) Methylene Chloride	5.265	84	4075	0.883	ug/l #	52
31) Cyclohexane	8.224	56	8560	1.352	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	32791	5.806	ug/l #	50
38) Carbon Tetrachloride	8.224	117	42867	7.404	ug/l #	17
40) Benzene	8.606	78	32520	1.892	ug/l #	90
67) Ethyl Benzene	11.970	91	7756	0.354	ug/l #	81
76) 1,2,3-Trichloropropane	12.853	75	127056	26.857	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	127056	72.968	ug/l #	14
95) Naphthalene	15.641	128	42881	3.380	ug/l	98

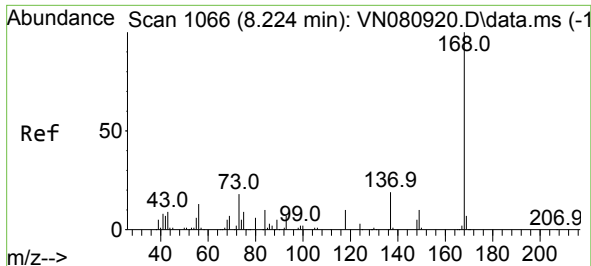
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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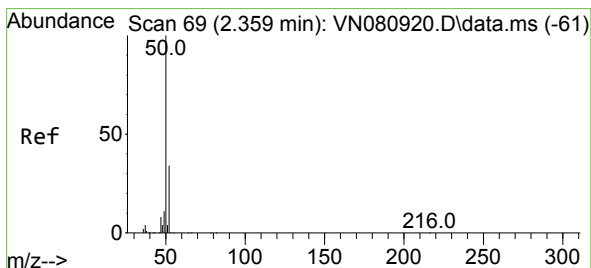
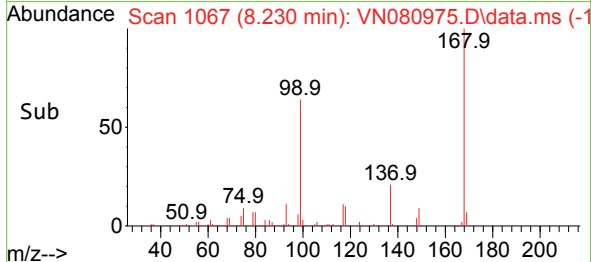
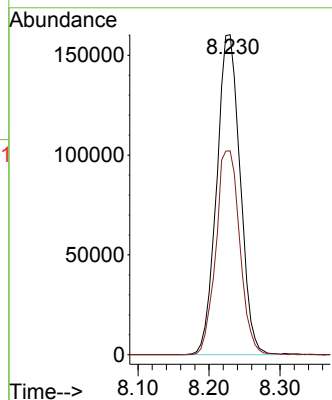
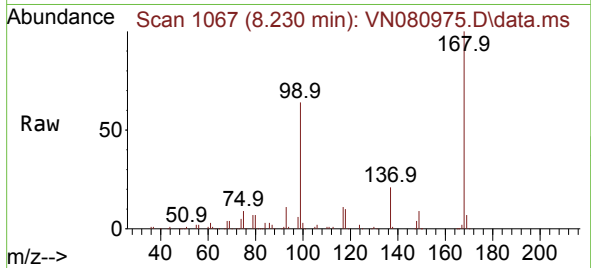




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

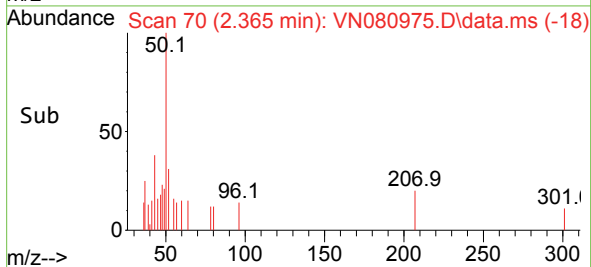
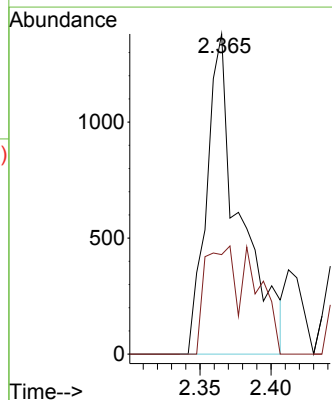
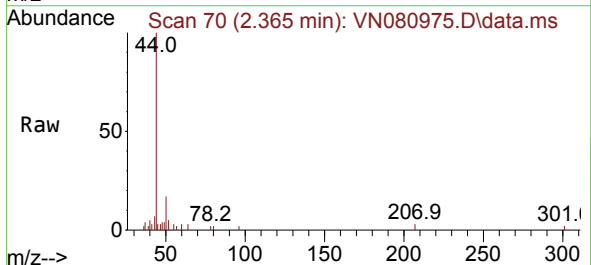
Instrument :
MSVOA_N
ClientSampleId :

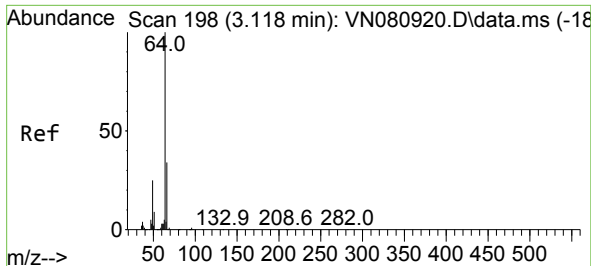
Tgt Ion:168 Resp: 367213
Ion Ratio Lower Upper
168 100
99 63.7 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

Tgt Ion: 50 Resp: 2257
Ion Ratio Lower Upper
50 100
52 31.1 25.0 37.4

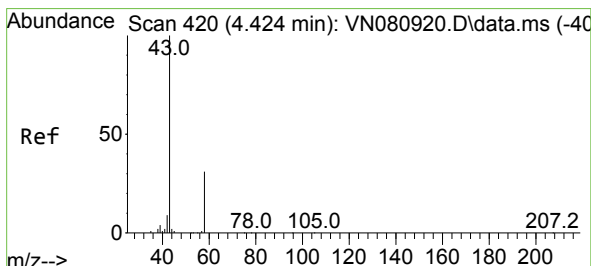
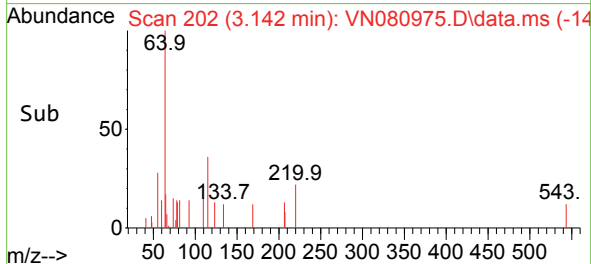
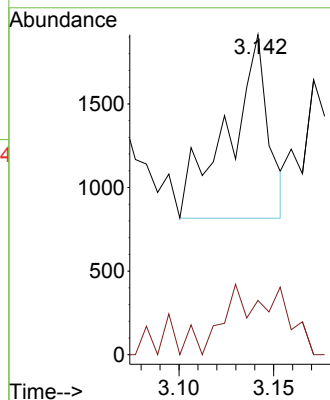
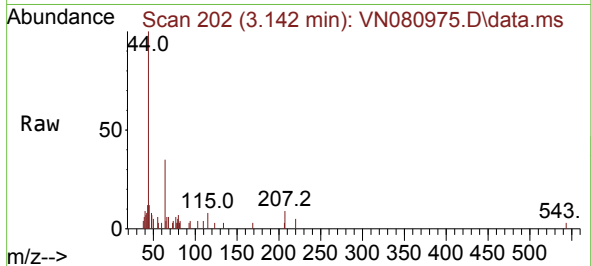




#6
Chloroethane
Concen: 0.421 ug/l
RT: 3.142 min Scan# 20
Delta R.T. 0.023 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

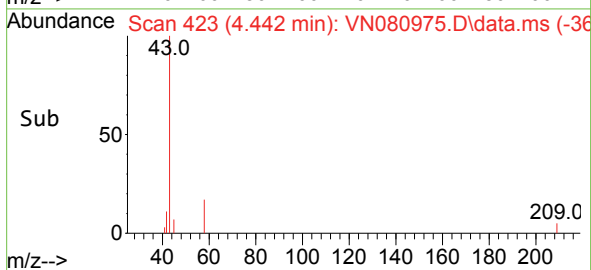
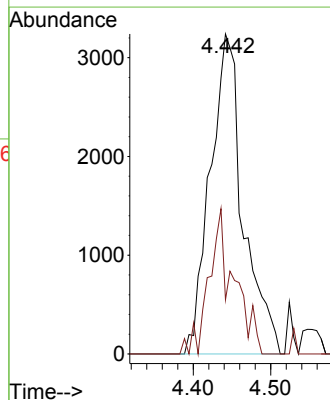
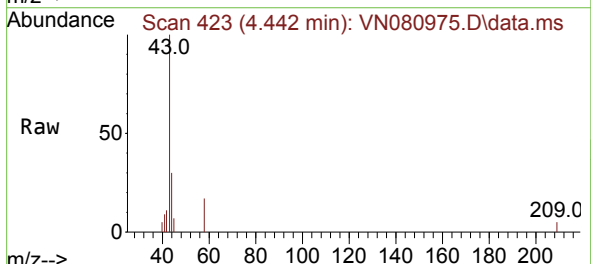
Instrument :
MSVOA_N
ClientSampleId :

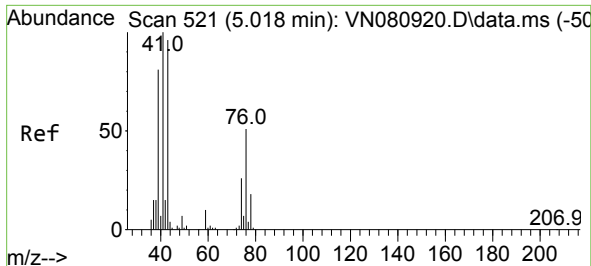
Tgt Ion: 64 Resp: 1614
Ion Ratio Lower Upper
64 100
66 29.6 26.4 39.6



#16
Acetone
Concen: 6.285 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

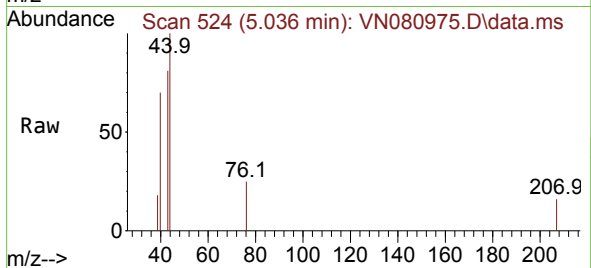
Tgt Ion: 43 Resp: 9579
Ion Ratio Lower Upper
43 100
58 16.9 24.8 37.2#



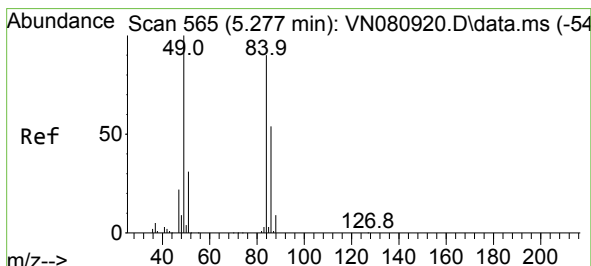
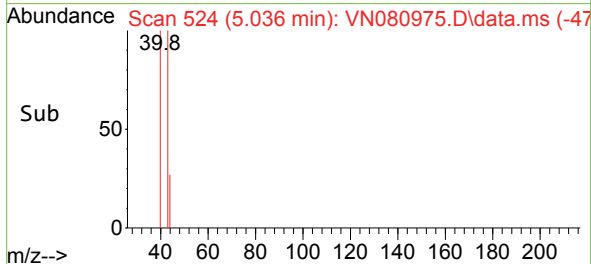
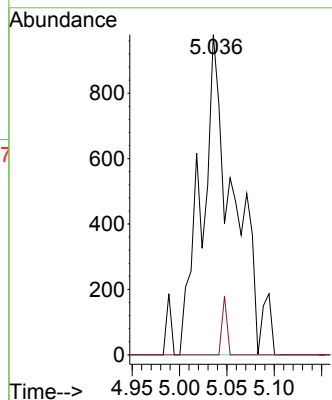


#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

Instrument :
MSVOA_N
ClientSampleId :

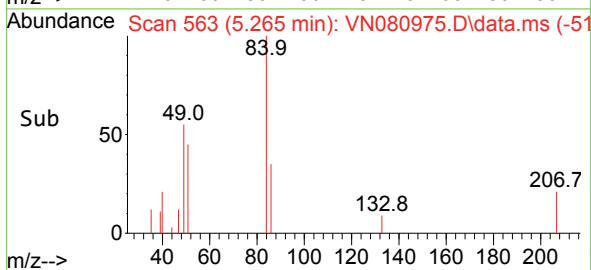
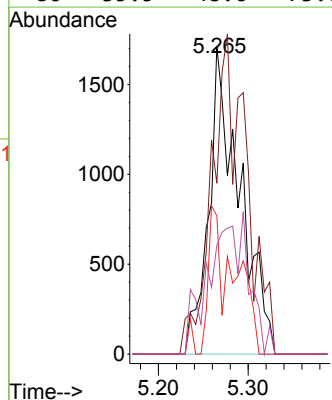
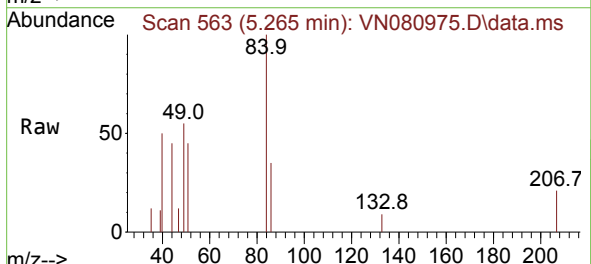


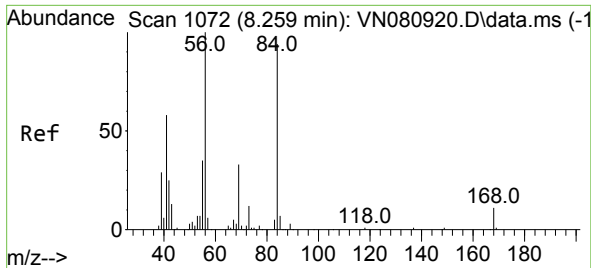
Tgt Ion: 43 Resp: 2344
Ion Ratio Lower Upper
43 100
74 2.7 17.3 25.9#



#20
Methylene Chloride
Concen: 0.883 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

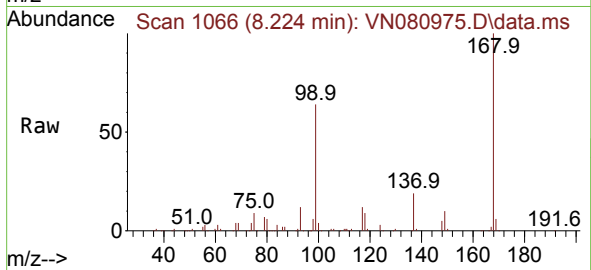
Tgt Ion: 84 Resp: 4075
Ion Ratio Lower Upper
84 100
49 55.5 108.1 162.1#
51 44.9 32.9 49.3
86 35.5 48.6 73.0#



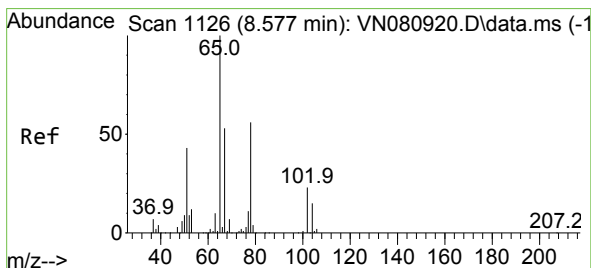
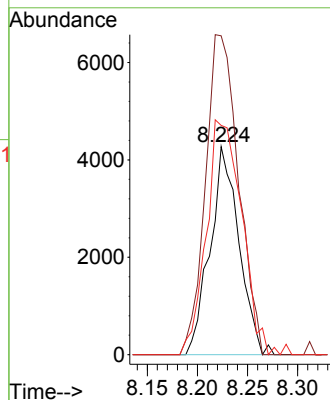
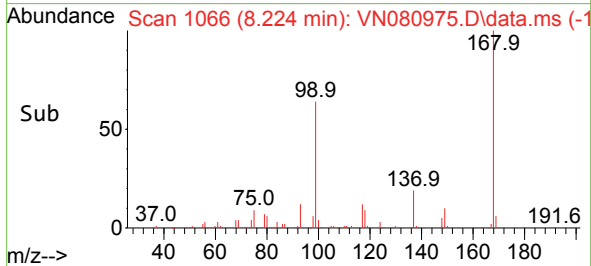


#31
Cyclohexane
Concen: 1.352 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

Instrument :
MSVOA_N
ClientSampleId :

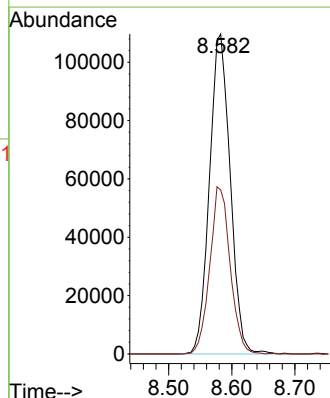
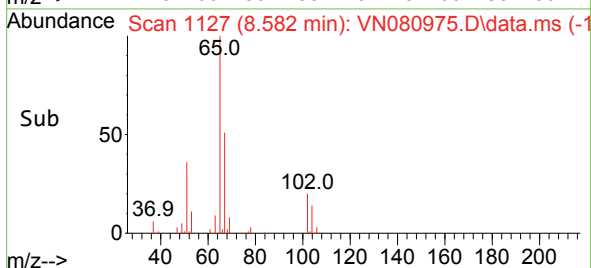
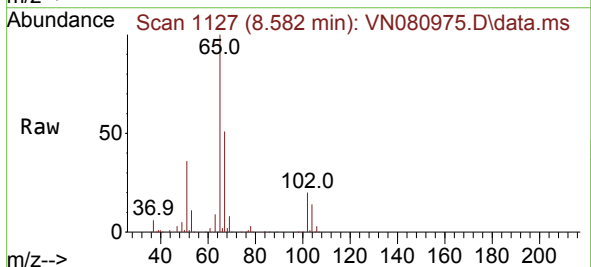


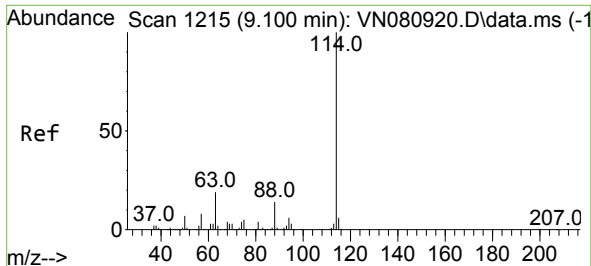
Tgt Ion: 56 Resp: 8560
Ion Ratio Lower Upper
56 100
69 153.3 20.1 30.1#
84 110.3 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 53.959 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

Tgt Ion: 65 Resp: 249960
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.4

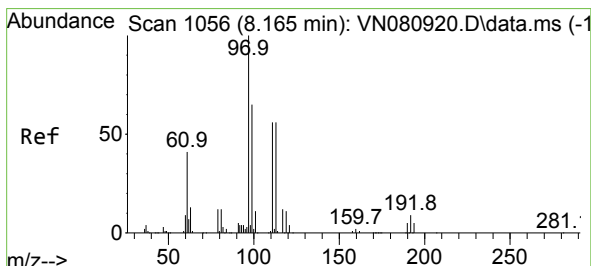
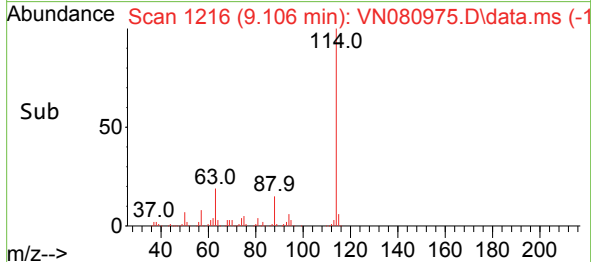
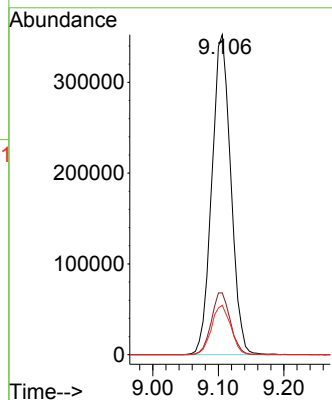
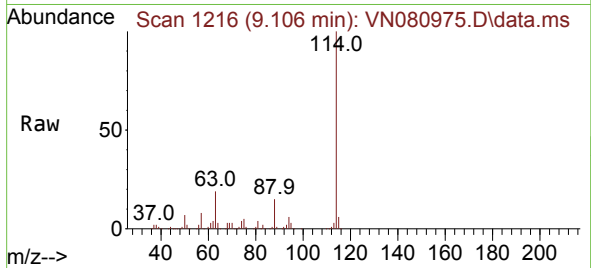




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

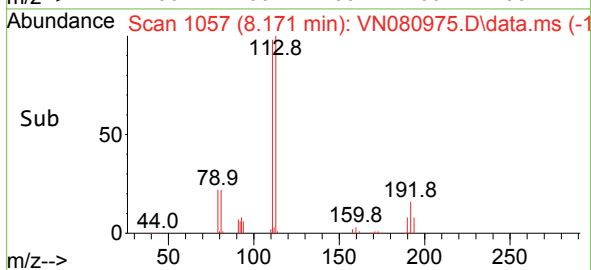
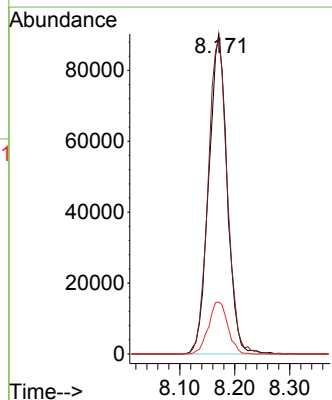
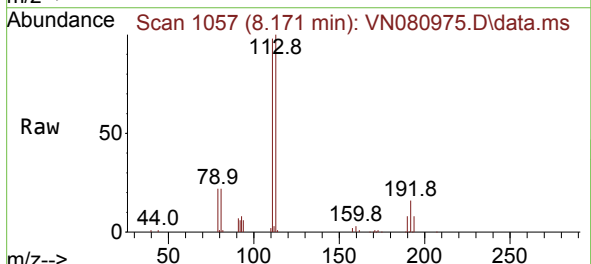
Instrument :
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ClientSampleId :

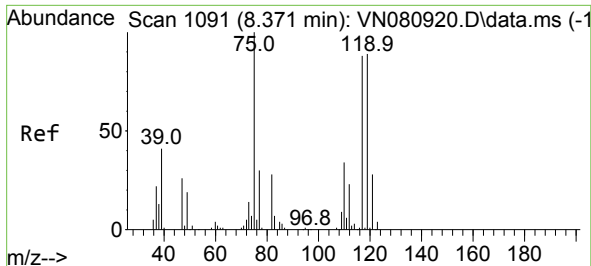
Tgt Ion:114 Resp: 707529
Ion Ratio Lower Upper
114 100
63 19.3 0.0 48.0
88 15.4 0.0 34.8



#35
Dibromofluoromethane
Concen: 55.263 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

Tgt Ion:113 Resp: 209810
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 17.0 12.5 18.7

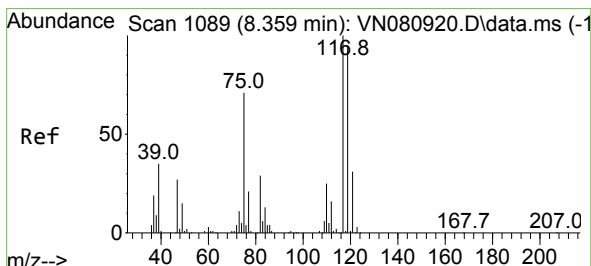
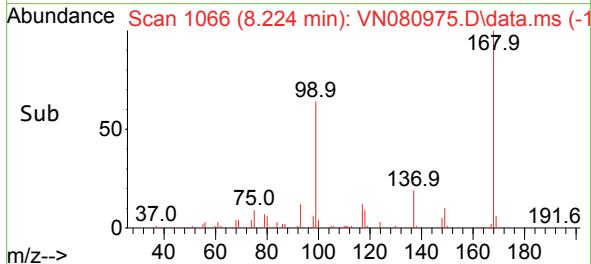
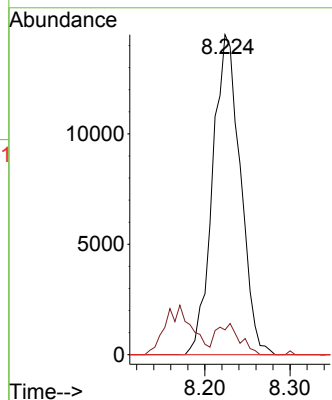
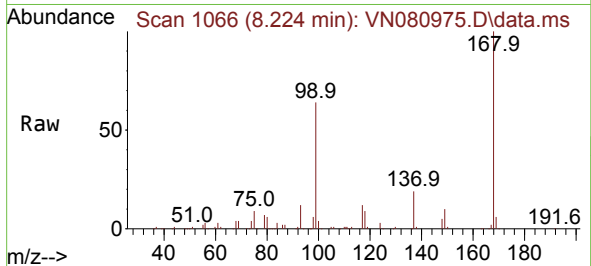




#36
1,1-Dichloropropene
Concen: 5.806 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

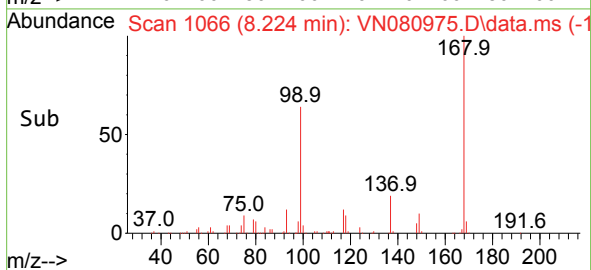
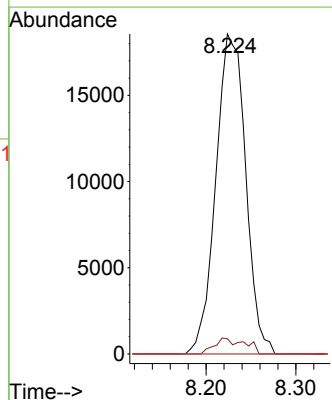
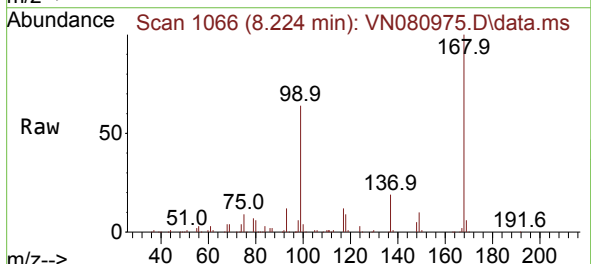
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MSVOA_N
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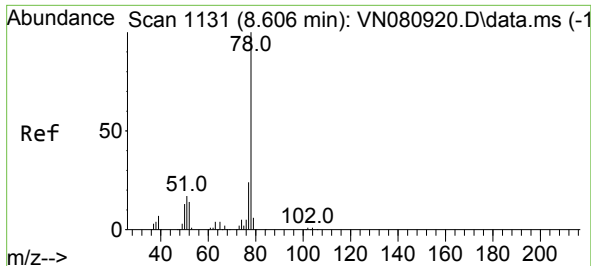
Tgt Ion: 75 Resp: 32791
Ion Ratio Lower Upper
75 100
110 8.1 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 7.404 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

Tgt Ion: 117 Resp: 42867
Ion Ratio Lower Upper
117 100
119 4.8 73.4 110.2#
121 0.0 24.4 36.6#

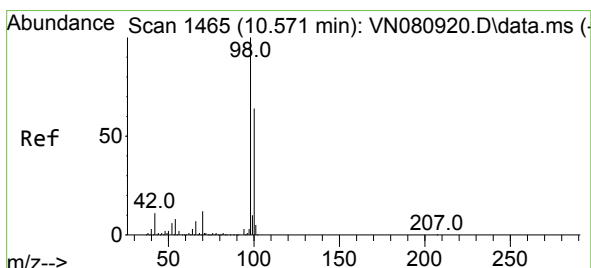
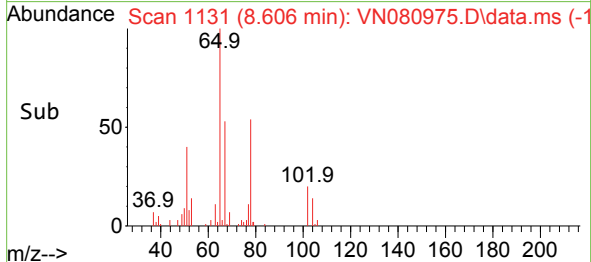
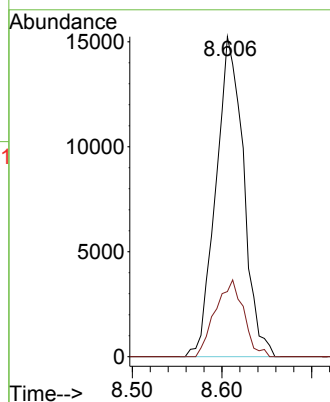
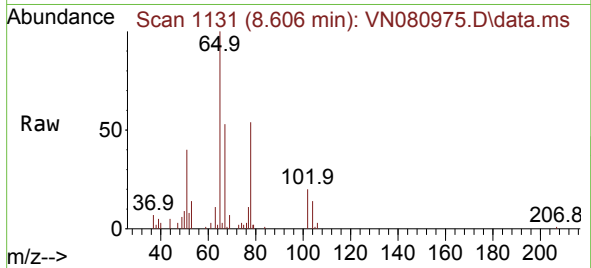




#40
Benzene
Concen: 1.892 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

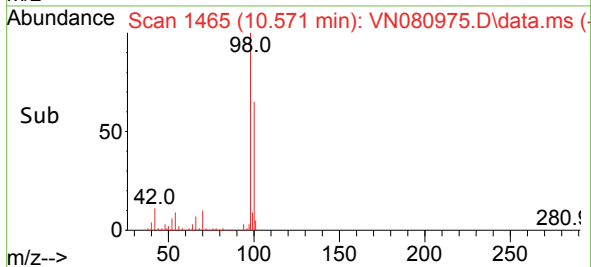
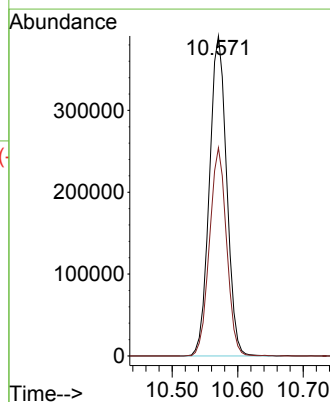
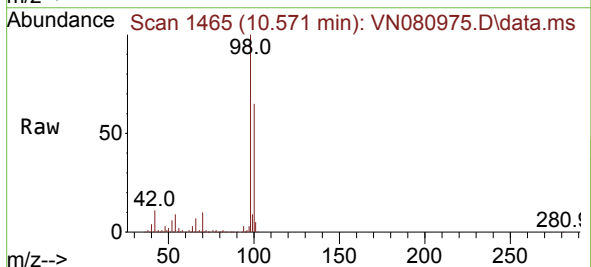
Instrument :
MSVOA_N
ClientSampleId :

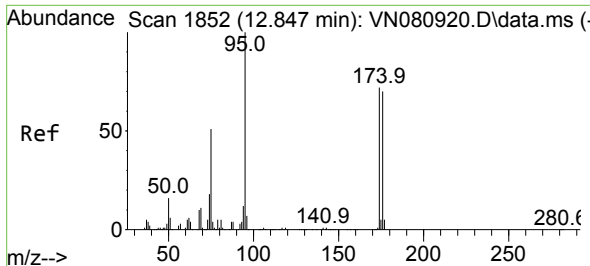
Tgt Ion: 78 Resp: 32520
Ion Ratio Lower Upper
78 100
77 20.4 20.4 30.6#



#50
Toluene-d8
Concen: 51.991 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

Tgt Ion: 98 Resp: 713980
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0

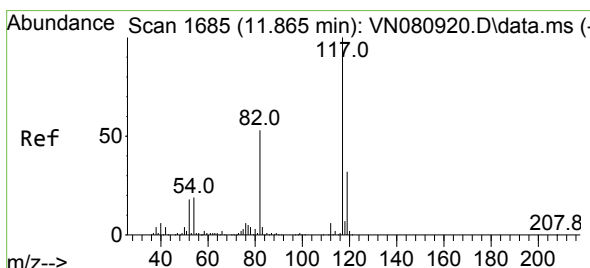
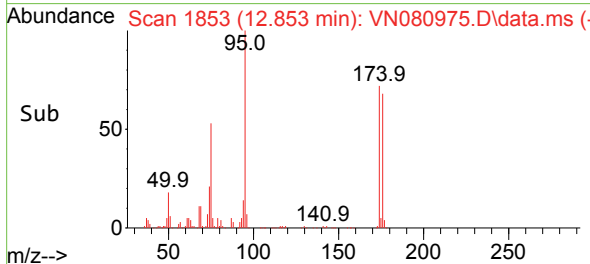
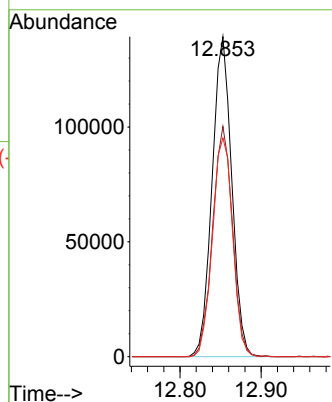
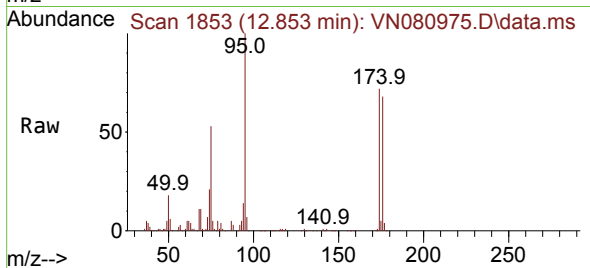




#62
4-Bromofluorobenzene
Concen: 46.879 ug/l
RT: 12.853 min Scan# 1185
Delta R.T. 0.006 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

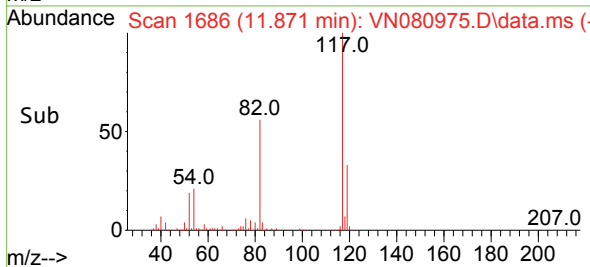
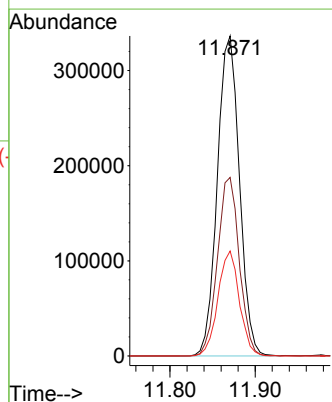
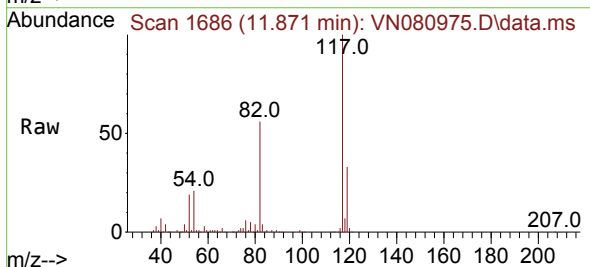
Instrument :
MSVOA_N
ClientSampleId :

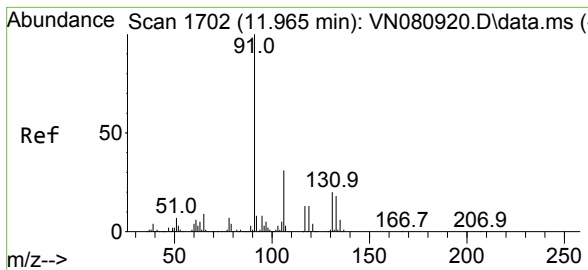
Tgt Ion: 95 Resp: 233869
Ion Ratio Lower Upper
95 100
174 72.8 0.0 120.4
176 70.4 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

Tgt Ion: 117 Resp: 606357
Ion Ratio Lower Upper
117 100
82 55.8 52.7 79.1
119 32.8 25.3 37.9

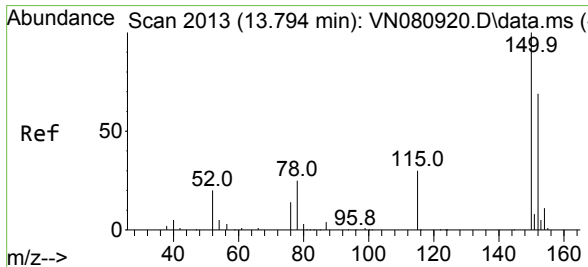
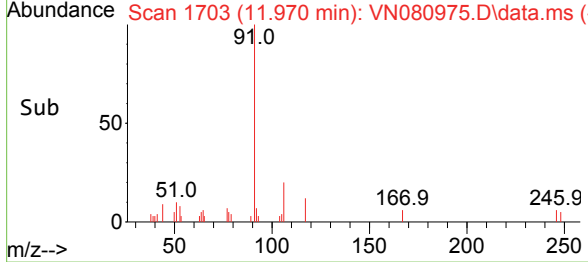
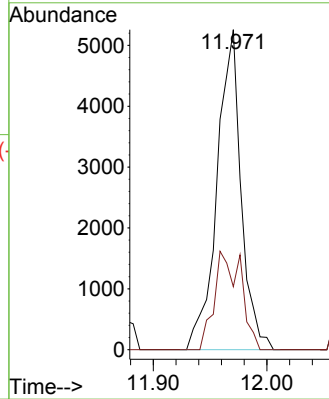
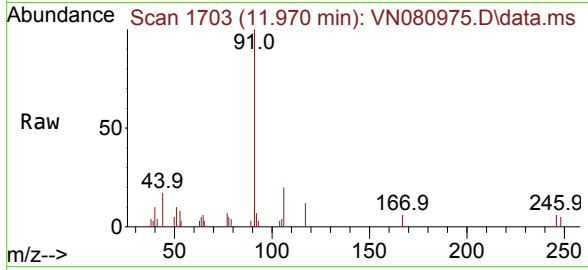




#67
Ethyl Benzene
Concen: 0.354 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

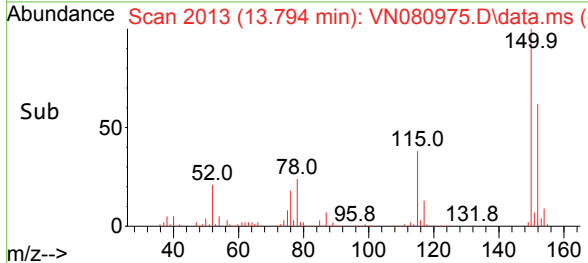
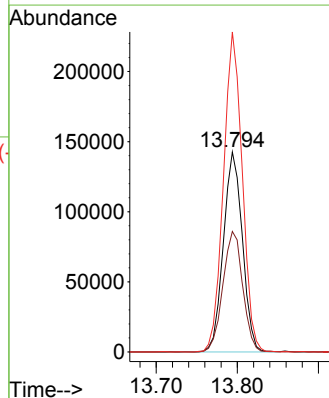
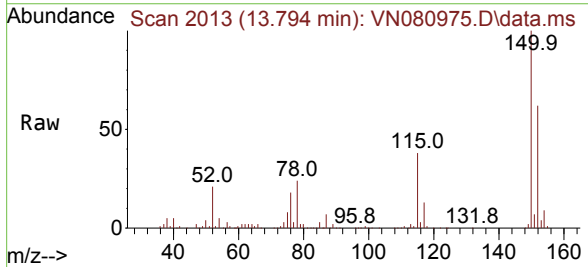
Instrument :
MSVOA_N
ClientSampleId :

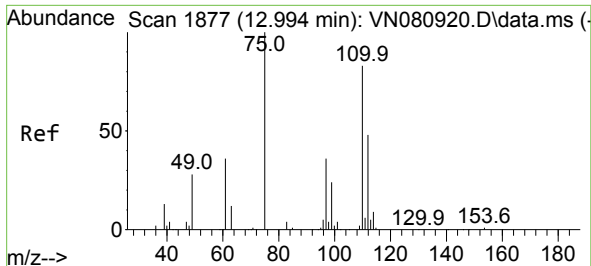
Tgt Ion: 91 Resp: 7756
Ion Ratio Lower Upper
91 100
106 19.7 23.8 35.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

Tgt Ion:152 Resp: 232020
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 158.4 0.0 339.8

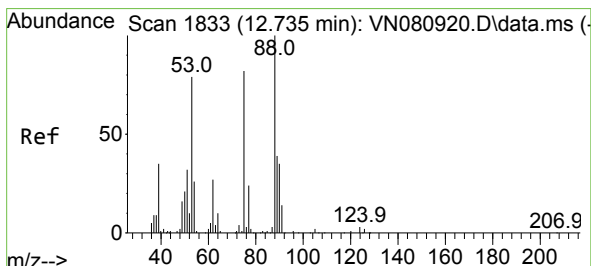
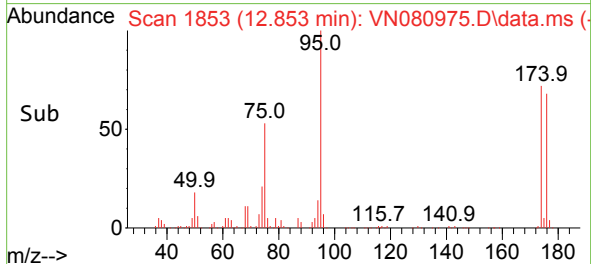
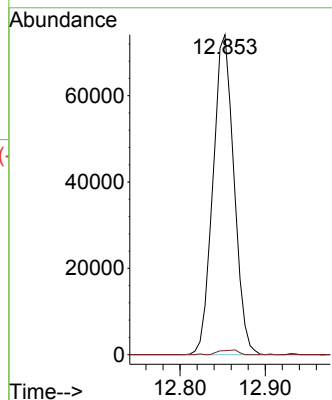
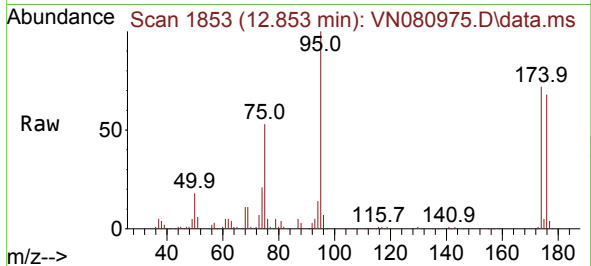




#76
1,2,3-Trichloropropane
Concen: 26.857 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

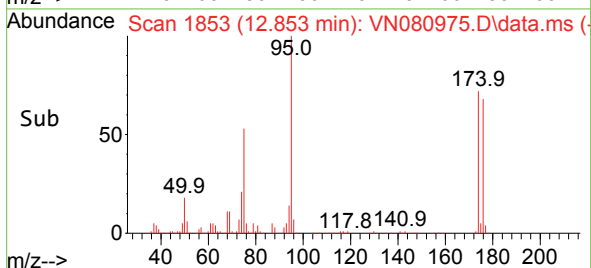
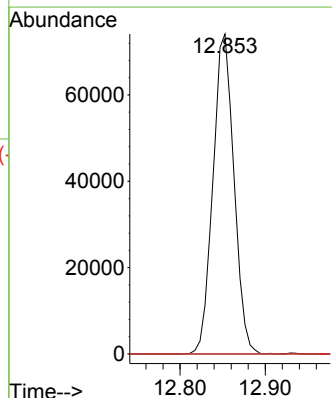
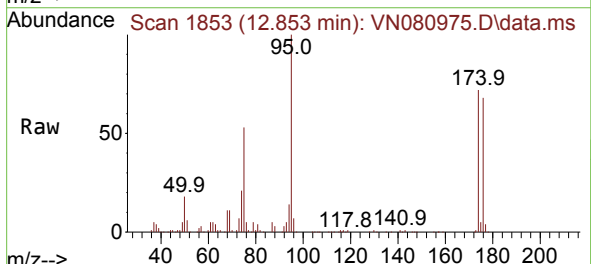
Instrument :
MSVOA_N
ClientSampleId :

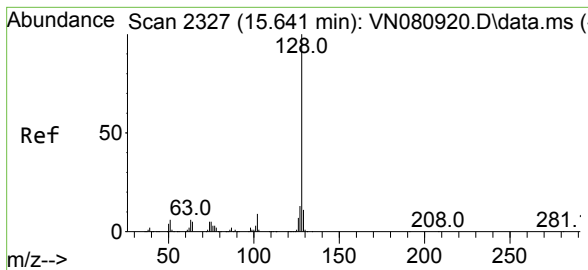
Tgt Ion: 75 Resp: 127056
Ion Ratio Lower Upper
75 100
77 1.4 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.968 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

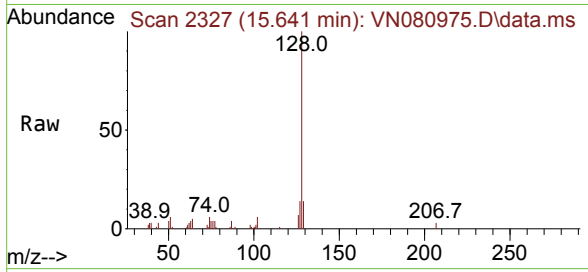
Tgt Ion: 75 Resp: 127056
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#





#95
Naphthalene
Concen: 3.380 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	42881
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.0	15.0
129	11.1	8.7	13.1

