

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080276.D
 Acq On : 27 Nov 2023 15:36
 Operator : JC\MD
 Sample : 05546-02 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 28 02:09:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

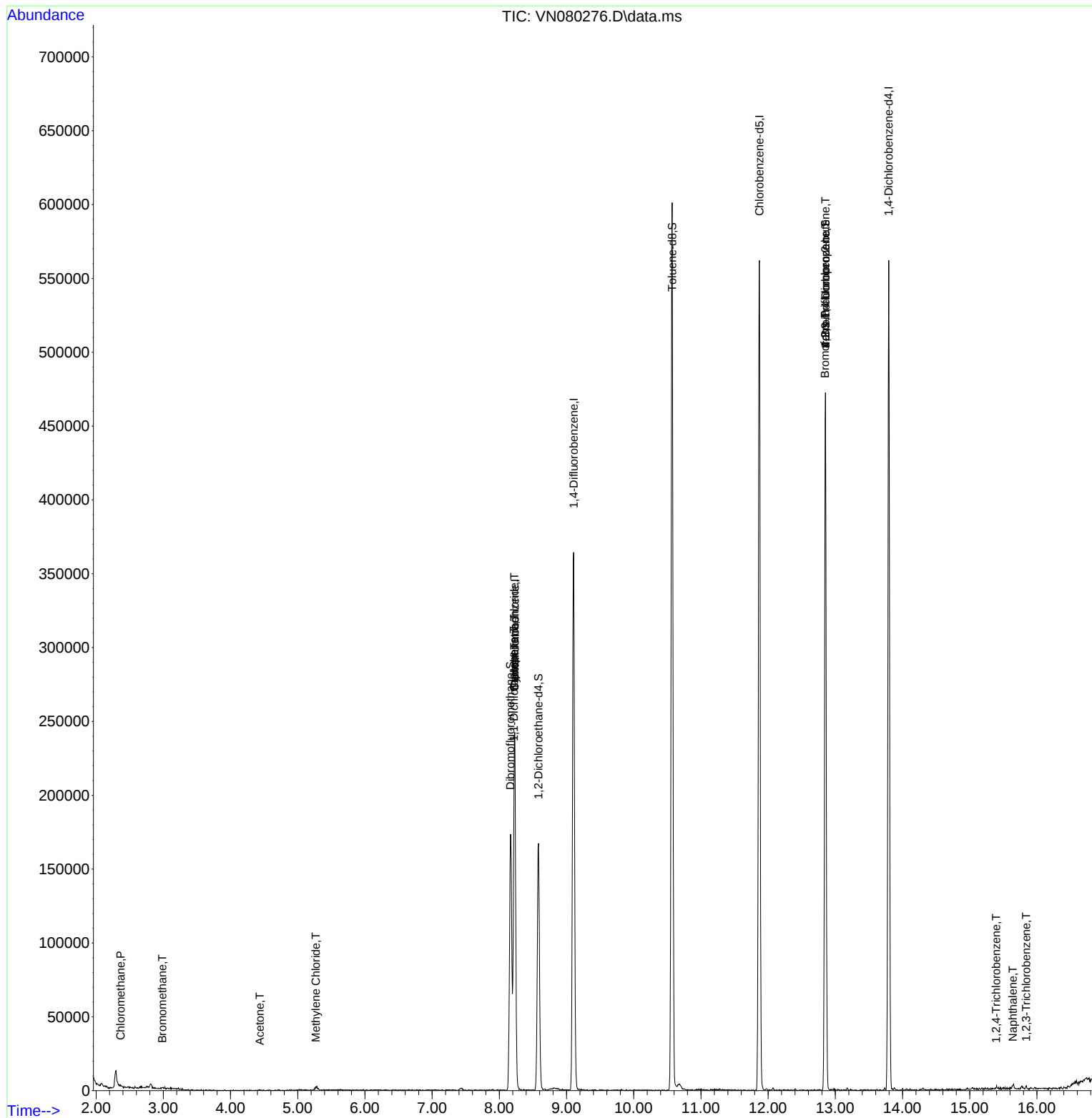
Internal Standards						
1) Pentafluorobenzene	8.230	168	170155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	308763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	329506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	153112	54.497	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.000%	
35) Dibromofluoromethane	8.165	113	121543	53.349	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.700%	
50) Toluene-d8	10.571	98	416318	50.692	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.380%	
62) 4-Bromofluorobenzene	12.853	95	162329	52.329	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	446	0.234	ug/l #	42
5) Bromomethane	2.983	94	464	0.339	ug/l #	56
6) Chloroethane	3.106	64	523	Below Cal	#	43
16) Acetone	4.436	43	416	0.441	ug/l #	40
20) Methylene Chloride	5.271	84	1863	0.943	ug/l #	78
31) Cyclohexane	8.224	56	3960	1.296	ug/l #	16
36) 1,1-Dichloropropene	8.218	75	13944	4.227	ug/l #	49
38) Carbon Tetrachloride	8.224	117	20539	4.907	ug/l #	16
71) Bromoform	12.847	173	999	0.465	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	91442	25.198	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	91442	85.133	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.394	180	856	0.294	ug/l #	70
95) Naphthalene	15.641	128	3376	0.400	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.841	180	791	0.290	ug/l #	66

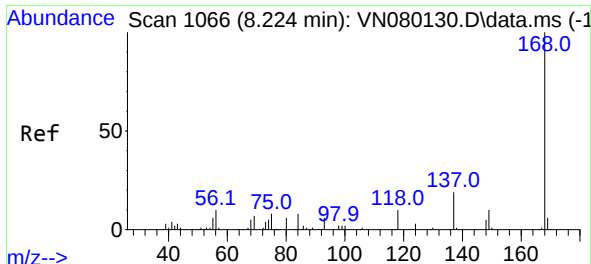
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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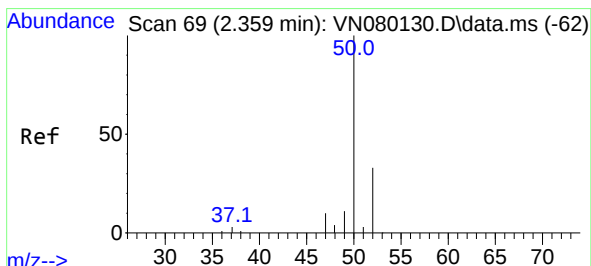
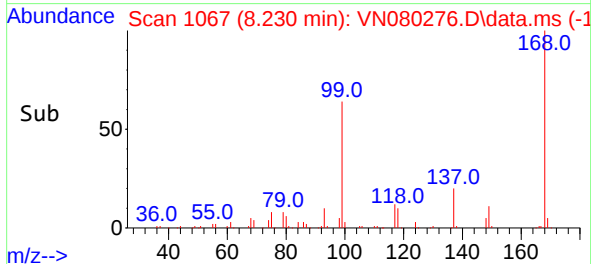
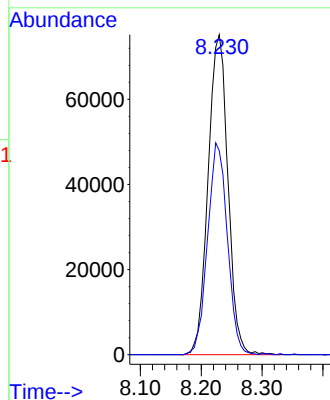
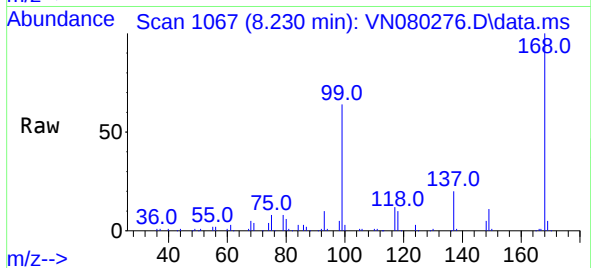




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080276.D
Acq: 27 Nov 2023 15:36

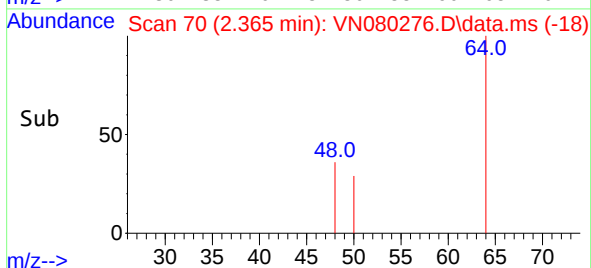
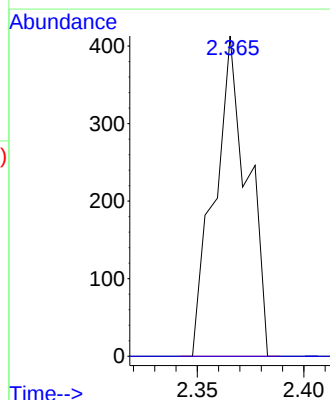
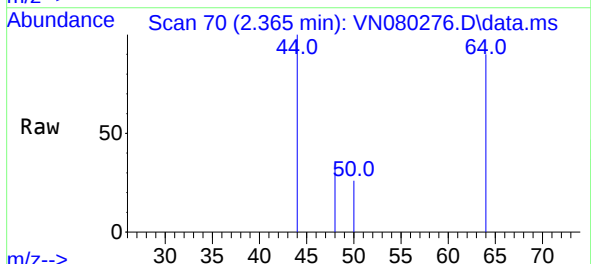
Instrument :
MSVOA_N
ClientSampleId :

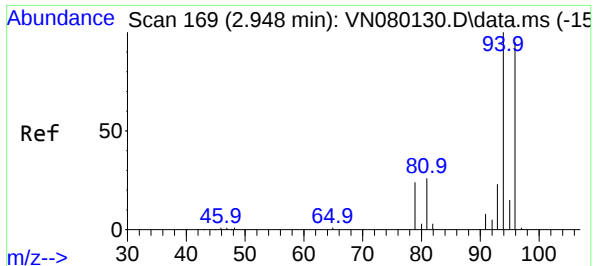
Tgt Ion:168 Resp: 170155
Ion Ratio Lower Upper
168 100
99 63.8 53.0 79.6



#3
Chloromethane
Concen: 0.234 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080276.D
Acq: 27 Nov 2023 15:36

Tgt Ion: 50 Resp: 446
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

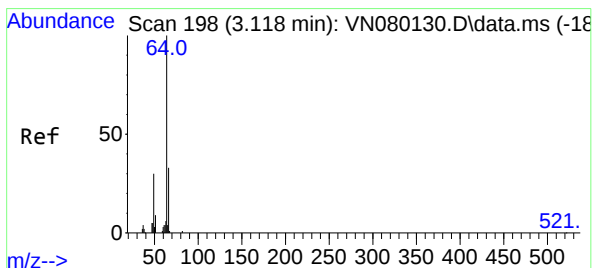
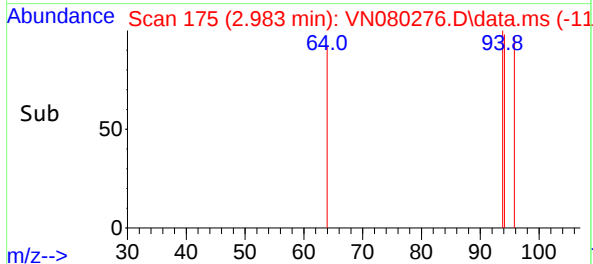
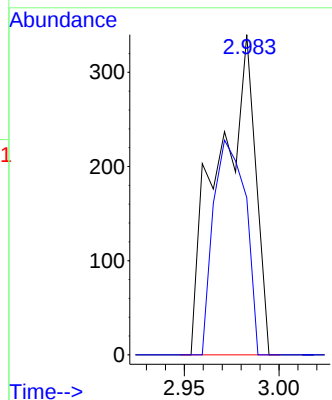
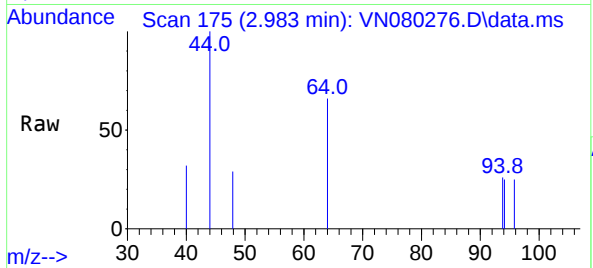




#5
Bromomethane
Concen: 0.339 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN080276.D
Acq: 27 Nov 2023 15:36

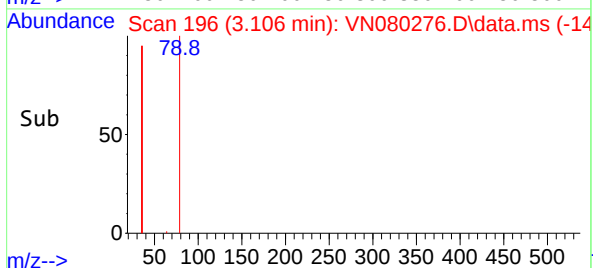
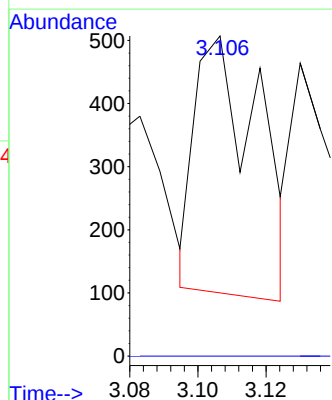
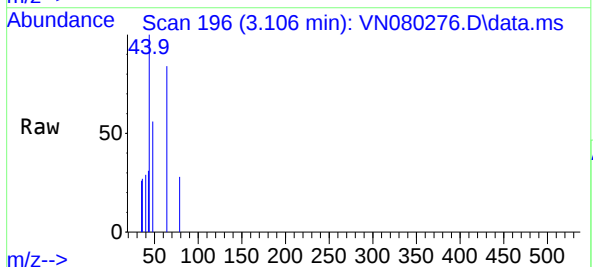
Instrument :
MSVOA_N
ClientSampleId :

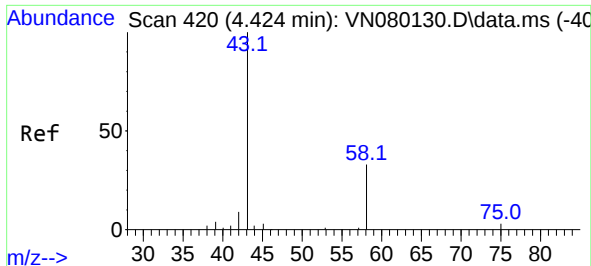
Tgt Ion: 94 Resp: 464
Ion Ratio Lower Upper
94 100
96 49.1 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN080276.D
Acq: 27 Nov 2023 15:36

Tgt Ion: 64 Resp: 523
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

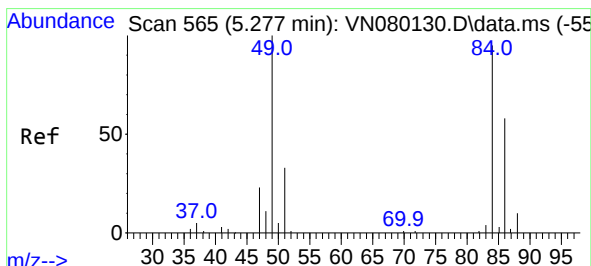
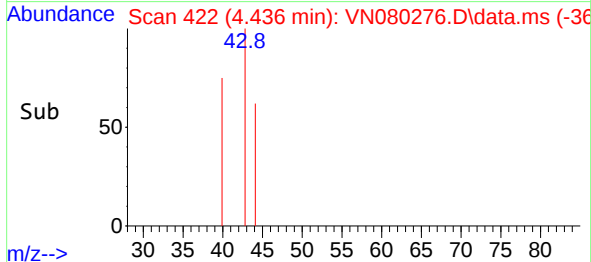
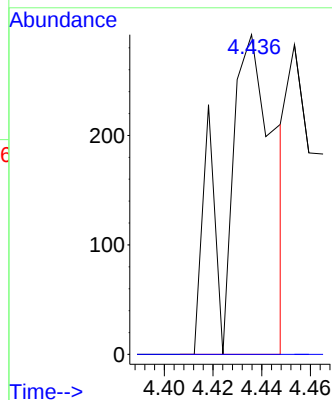
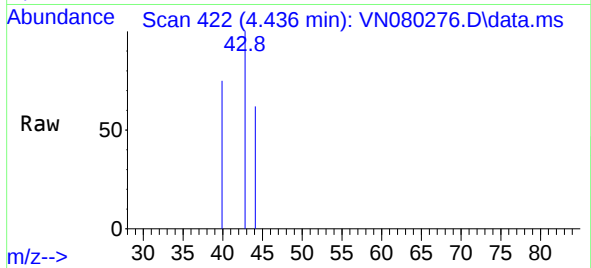




#16
Acetone
Concen: 0.441 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN080276.D
Acq: 27 Nov 2023 15:36

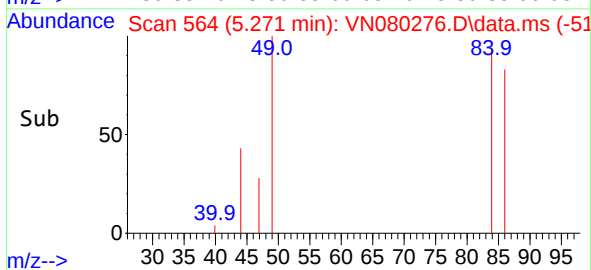
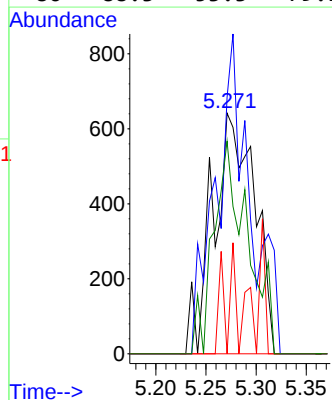
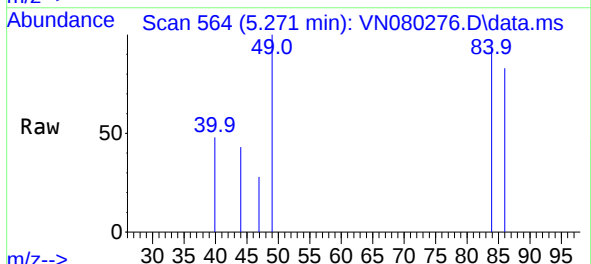
Instrument :
MSVOA_N
ClientSampleId :

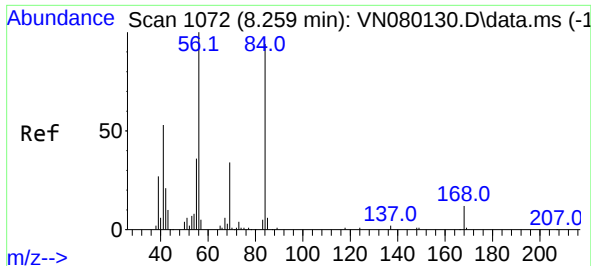
Tgt Ion: 43 Resp: 416
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: 0.943 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080276.D
Acq: 27 Nov 2023 15:36

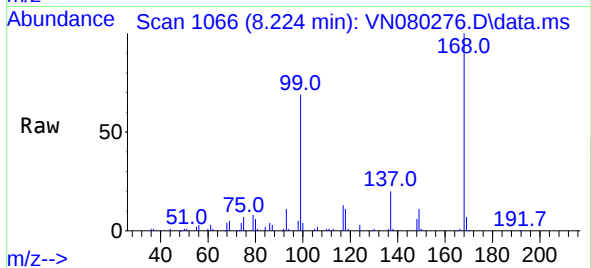
Tgt Ion: 84 Resp: 1863
Ion Ratio Lower Upper
84 100
49 106.5 79.7 119.5
51 0.0 25.2 37.8#
86 88.3 53.3 79.9#



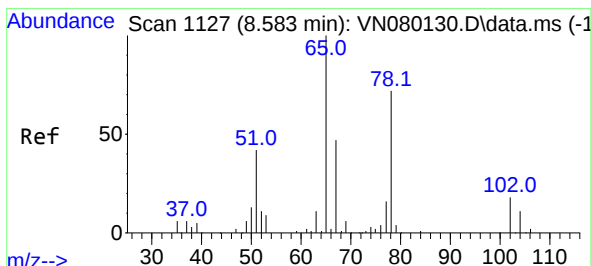
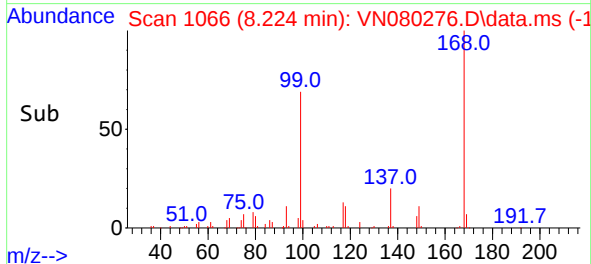
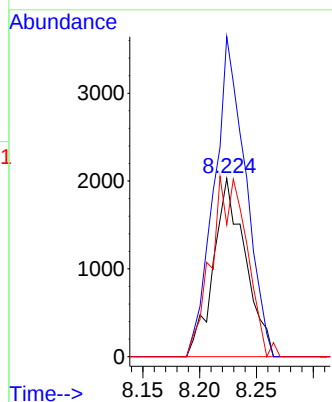


#31
Cyclohexane
Concen: 1.296 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080276.D
Acq: 27 Nov 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :

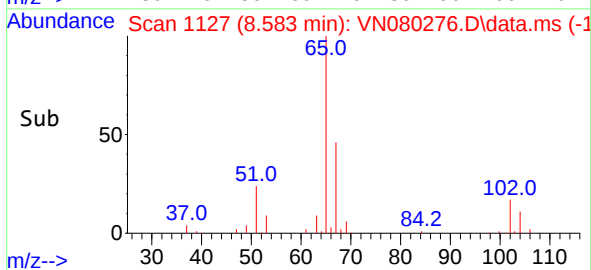
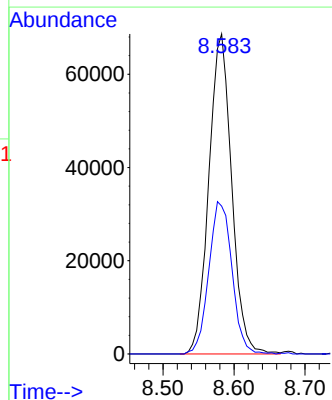
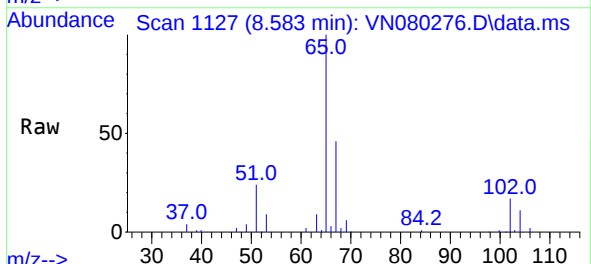


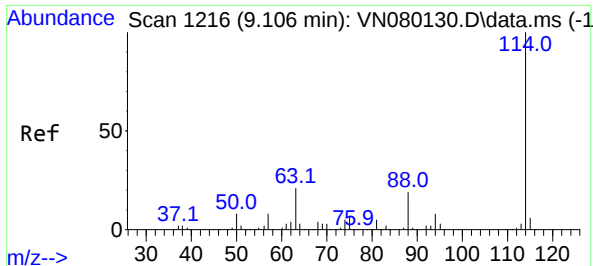
Tgt Ion: 56 Resp: 3960
Ion Ratio Lower Upper
56 100
69 179.5 26.8 40.2#
84 74.1 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 54.497 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080276.D
Acq: 27 Nov 2023 15:36

Tgt Ion: 65 Resp: 153112
Ion Ratio Lower Upper
65 100
67 48.3 0.0 106.6

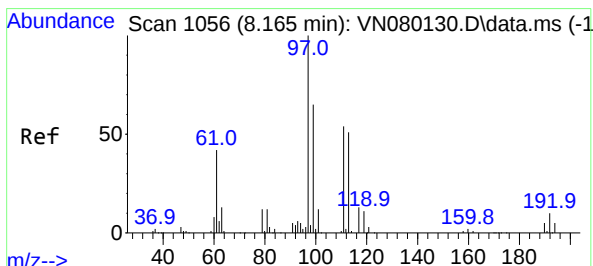
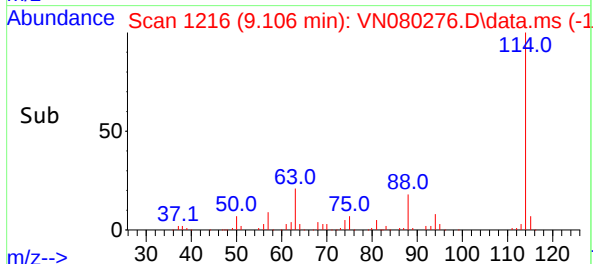
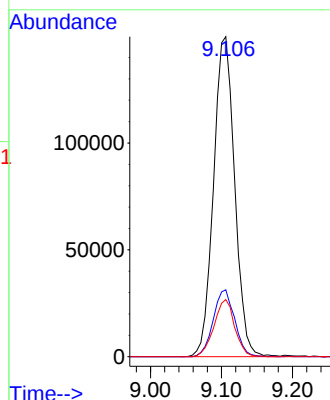
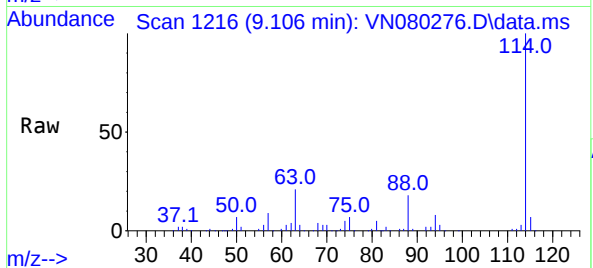




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080276.D
Acq: 27 Nov 2023 15:36

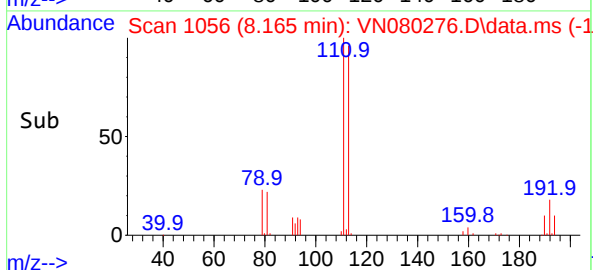
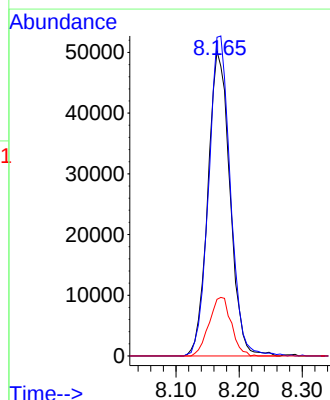
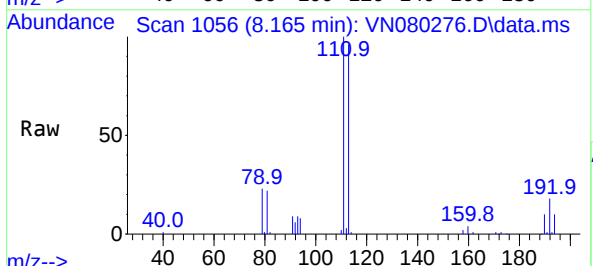
Instrument :
MSVOA_N
ClientSampleId :

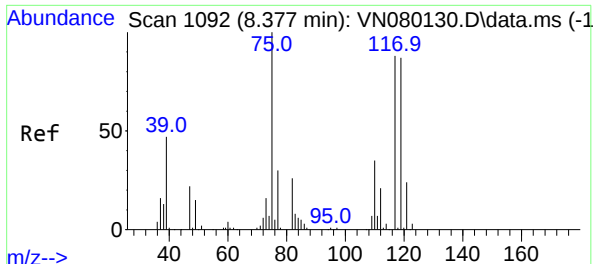
Tgt Ion:114 Resp: 308763
Ion Ratio Lower Upper
114 100
63 20.9 0.0 36.4
88 17.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.349 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080276.D
Acq: 27 Nov 2023 15:36

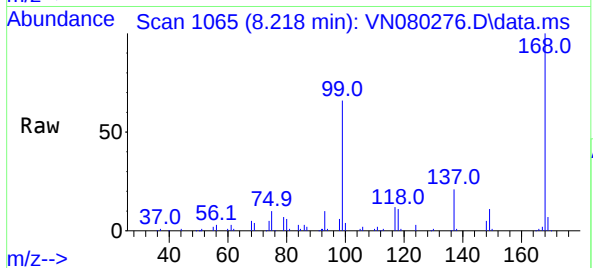
Tgt Ion:113 Resp: 121543
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 19.4 12.7 19.1#



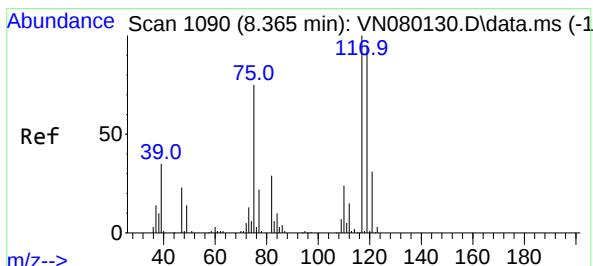
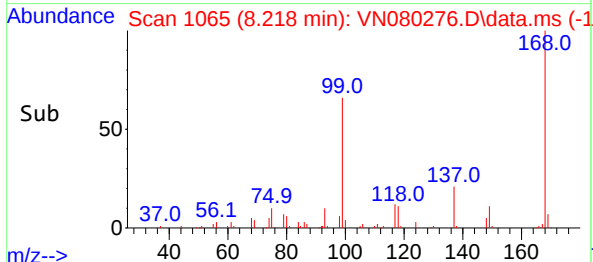
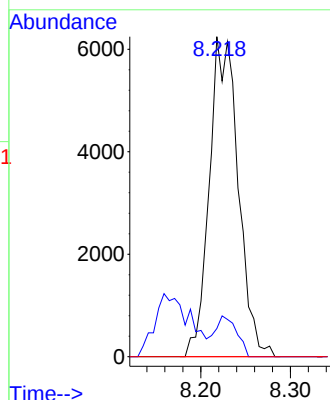


#36
1,1-Dichloropropene
Concen: 4.227 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.159 min
Lab File: VN080276.D
Acq: 27 Nov 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :

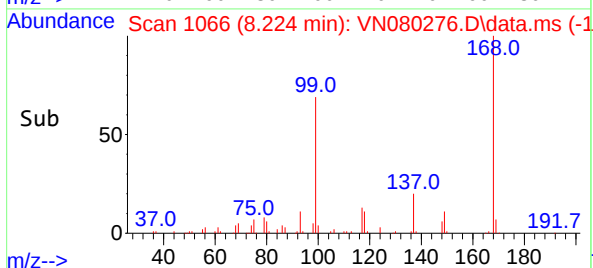
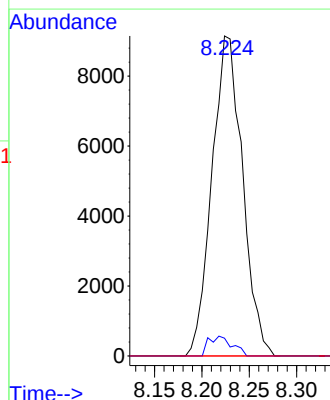
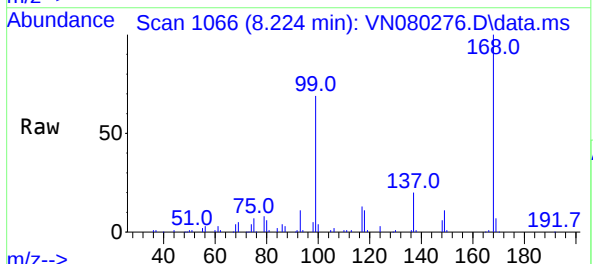


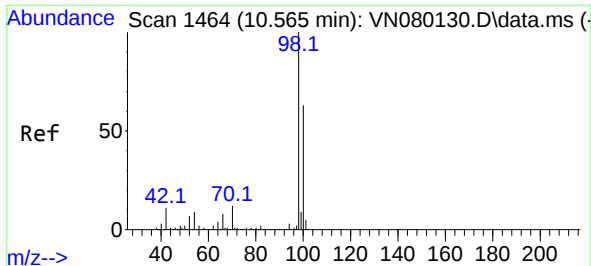
Tgt Ion: 75 Resp: 13944
Ion Ratio Lower Upper
75 100
110 9.8 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 4.907 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN080276.D
Acq: 27 Nov 2023 15:36

Tgt Ion: 117 Resp: 20539
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 23.3 34.9#

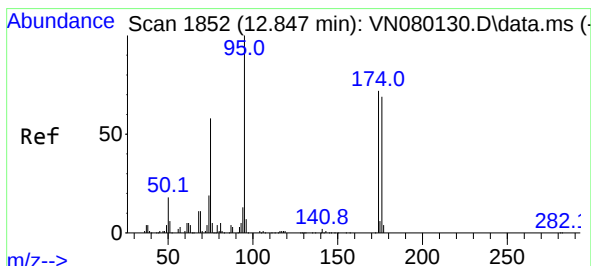
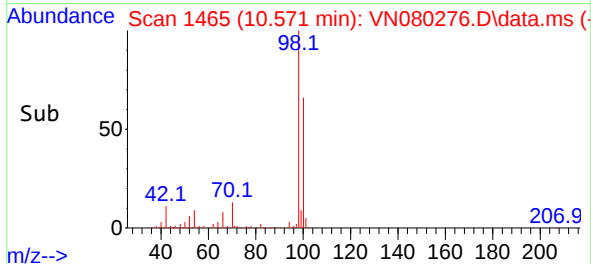
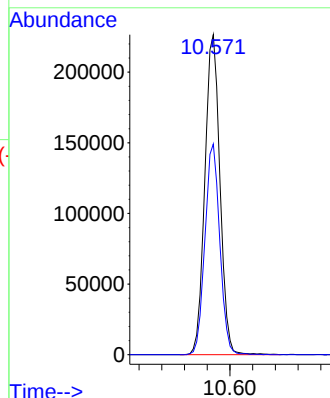
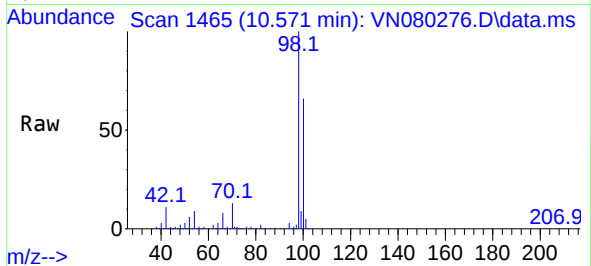




#50
Toluene-d8
Concen: 50.692 ug/l
RT: 10.571 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN080276.D
Acq: 27 Nov 2023 15:36

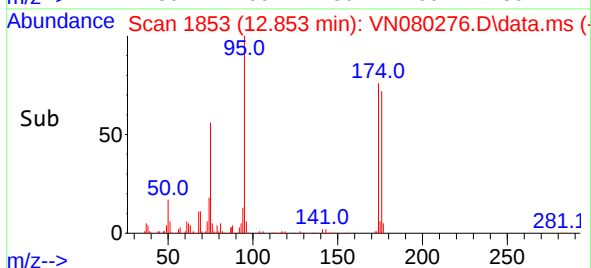
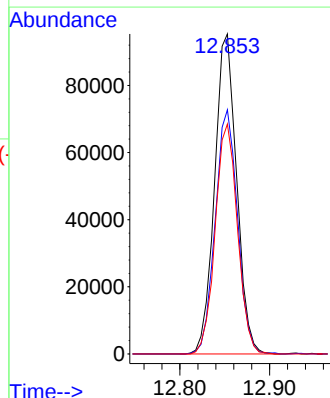
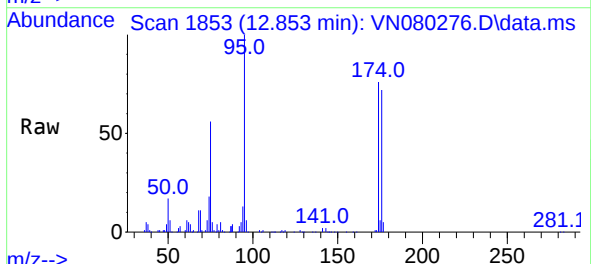
Instrument :
MSVOA_N
ClientSampleId :

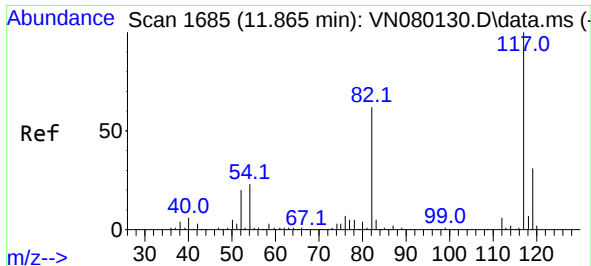
Tgt Ion: 98 Resp: 416318
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.329 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080276.D
Acq: 27 Nov 2023 15:36

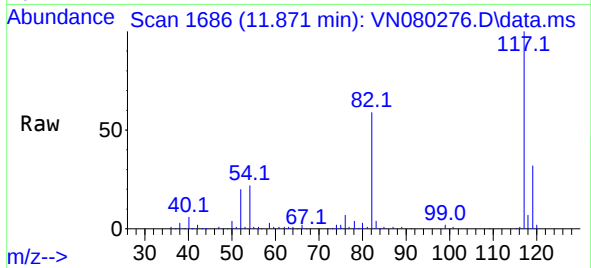
Tgt Ion: 95 Resp: 162329
Ion Ratio Lower Upper
95 100
174 77.5 0.0 143.8
176 72.6 0.0 135.8



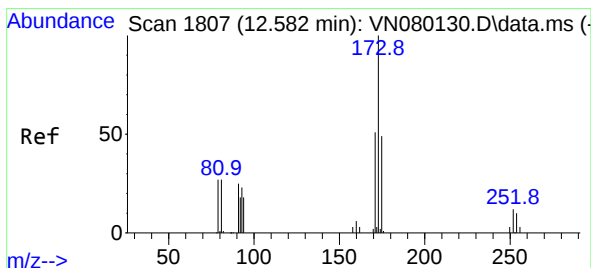
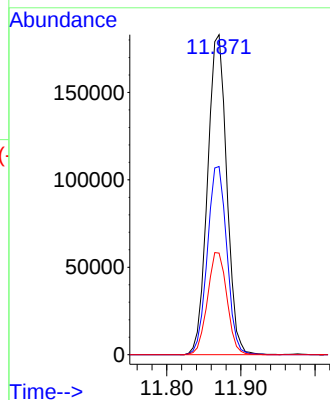
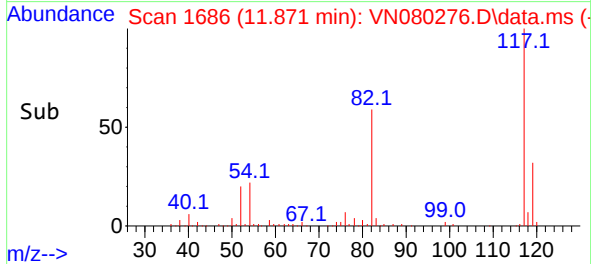


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080276.D
Acq: 27 Nov 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :

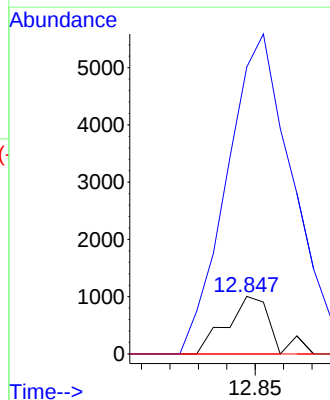
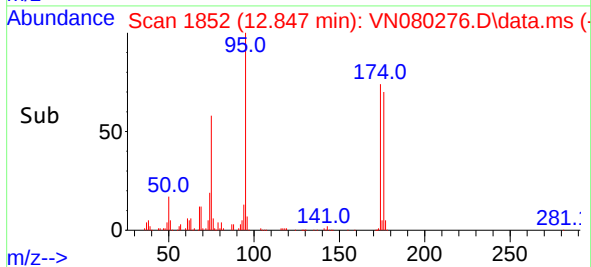
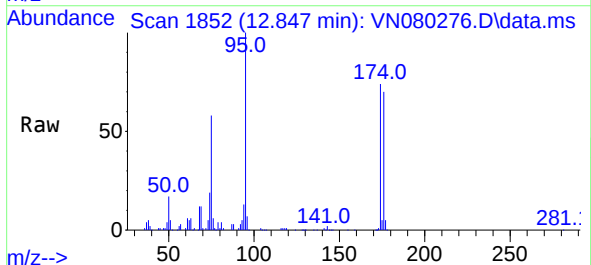


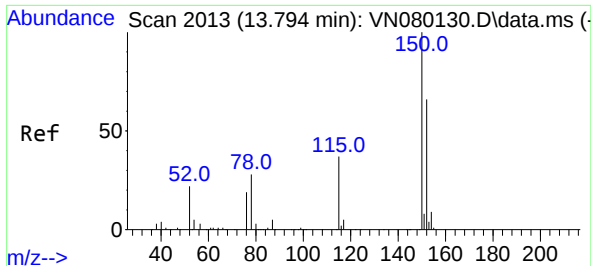
Tgt Ion:117 Resp: 329506
Ion Ratio Lower Upper
117 100
82 58.8 44.0 66.0
119 31.7 25.6 38.4



#71
Bromoform
Concen: 0.465 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN080276.D
Acq: 27 Nov 2023 15:36

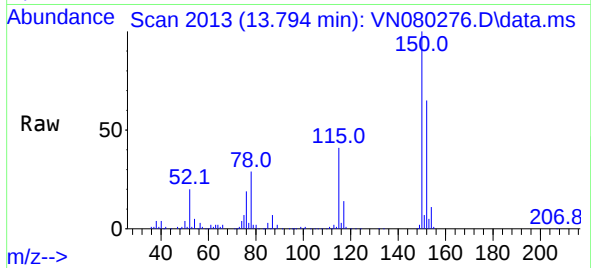
Tgt Ion:173 Resp: 999
Ion Ratio Lower Upper
173 100
175 723.1 24.3 73.0#
254 0.0 0.0 0.0



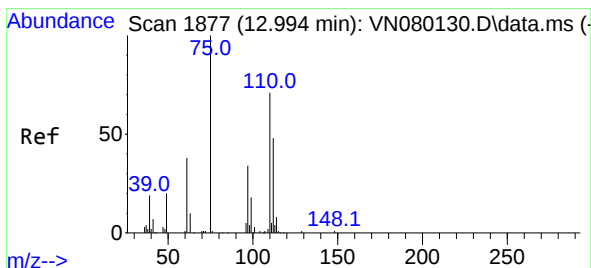
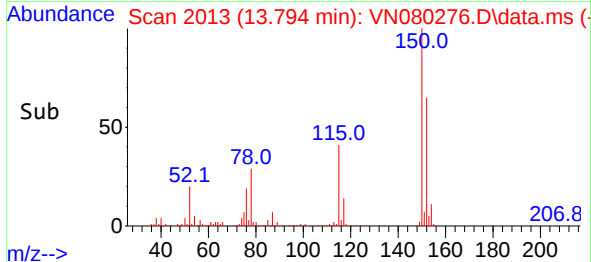
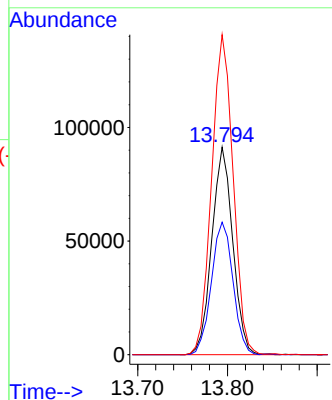


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN080276.D
Acq: 27 Nov 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :

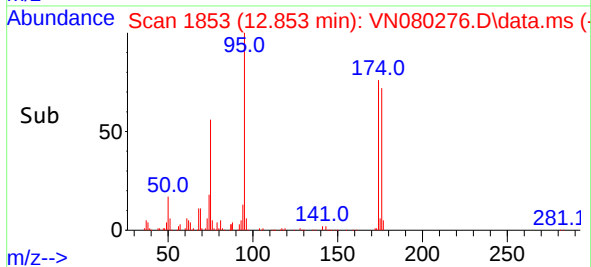
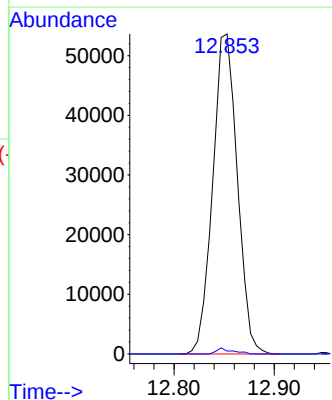
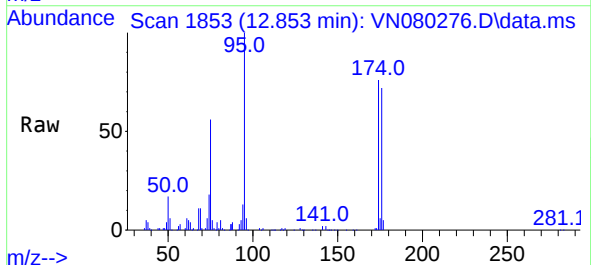


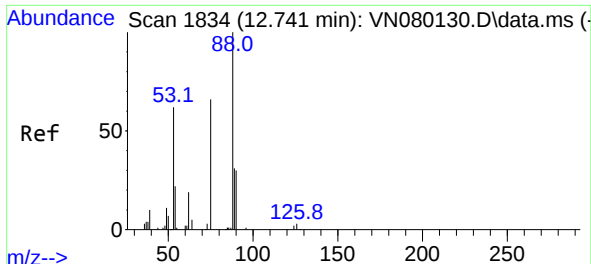
Tgt Ion:152 Resp: 148111
Ion Ratio Lower Upper
152 100
115 65.8 32.3 96.8
150 158.0 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 25.198 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080276.D
Acq: 27 Nov 2023 15:36

Tgt Ion: 75 Resp: 91442
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#

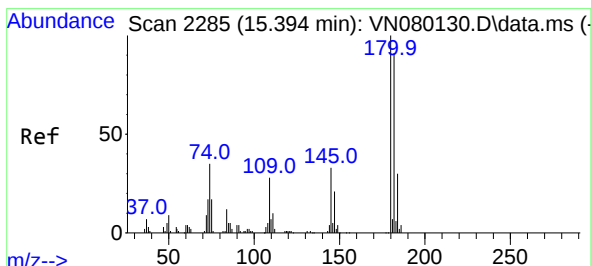
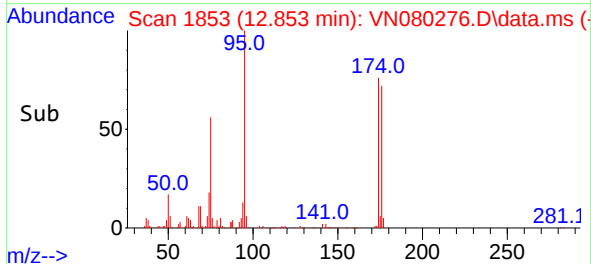
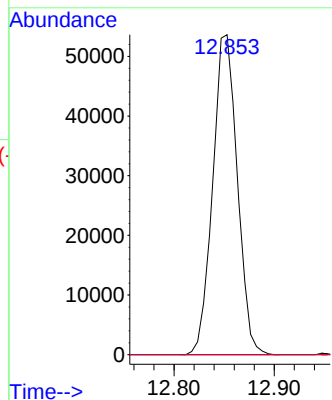
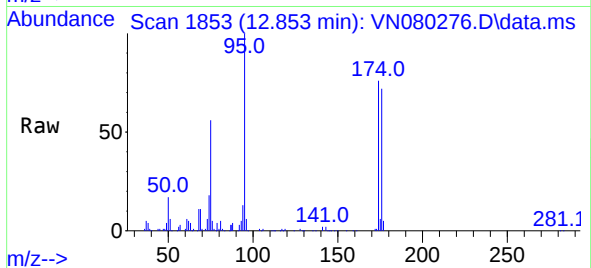




#81
trans-1,4-Dichloro-2-butene
Concen: 85.133 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN080276.D
Acq: 27 Nov 2023 15:36

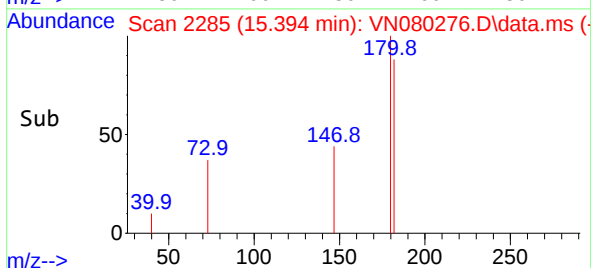
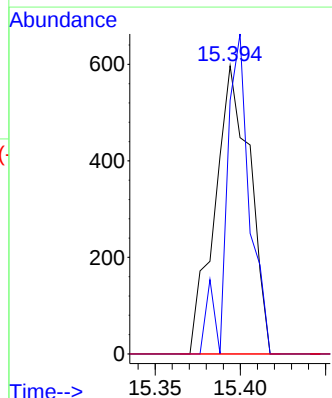
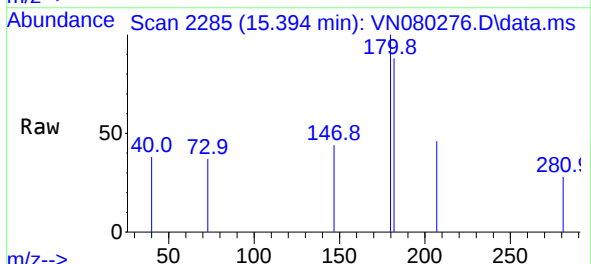
Instrument :
MSVOA_N
ClientSampleId :

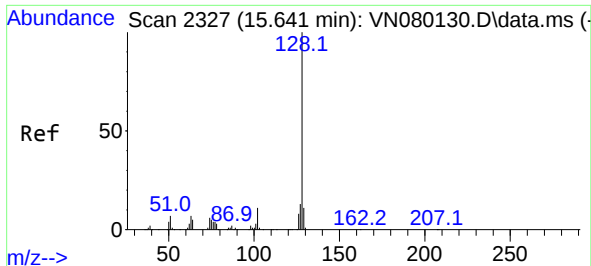
Tgt Ion: 75 Resp: 91442
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.294 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN080276.D
Acq: 27 Nov 2023 15:36

Tgt Ion:180 Resp: 856
Ion Ratio Lower Upper
180 100
182 73.2 46.1 138.2
145 0.0 16.6 49.8#

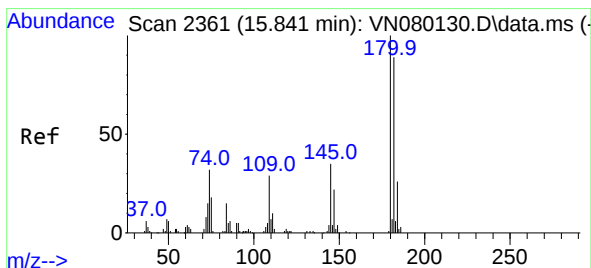
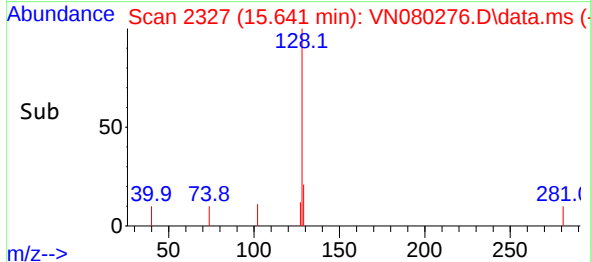
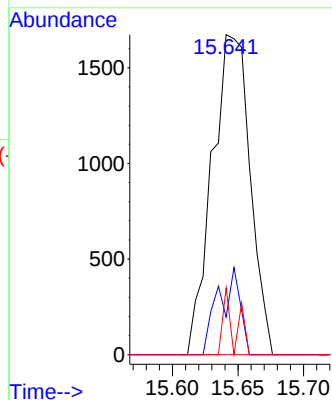
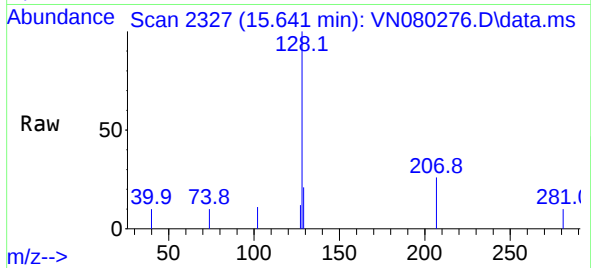




#95
Naphthalene
Concen: 0.400 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN080276.D
Acq: 27 Nov 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 3376
Ion Ratio Lower Upper
128 100
127 15.3 10.0 15.0#
129 6.5 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.290 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080276.D
Acq: 27 Nov 2023 15:36

Tgt Ion:180 Resp: 791
Ion Ratio Lower Upper
180 100
182 64.9 46.2 138.6
145 7.2 17.5 52.6#

