

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
 Data File : VN068964.D
 Acq On : 15 Oct 2021 21:24
 Operator : JC/MD
 Sample : M4254-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 18 02:18:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

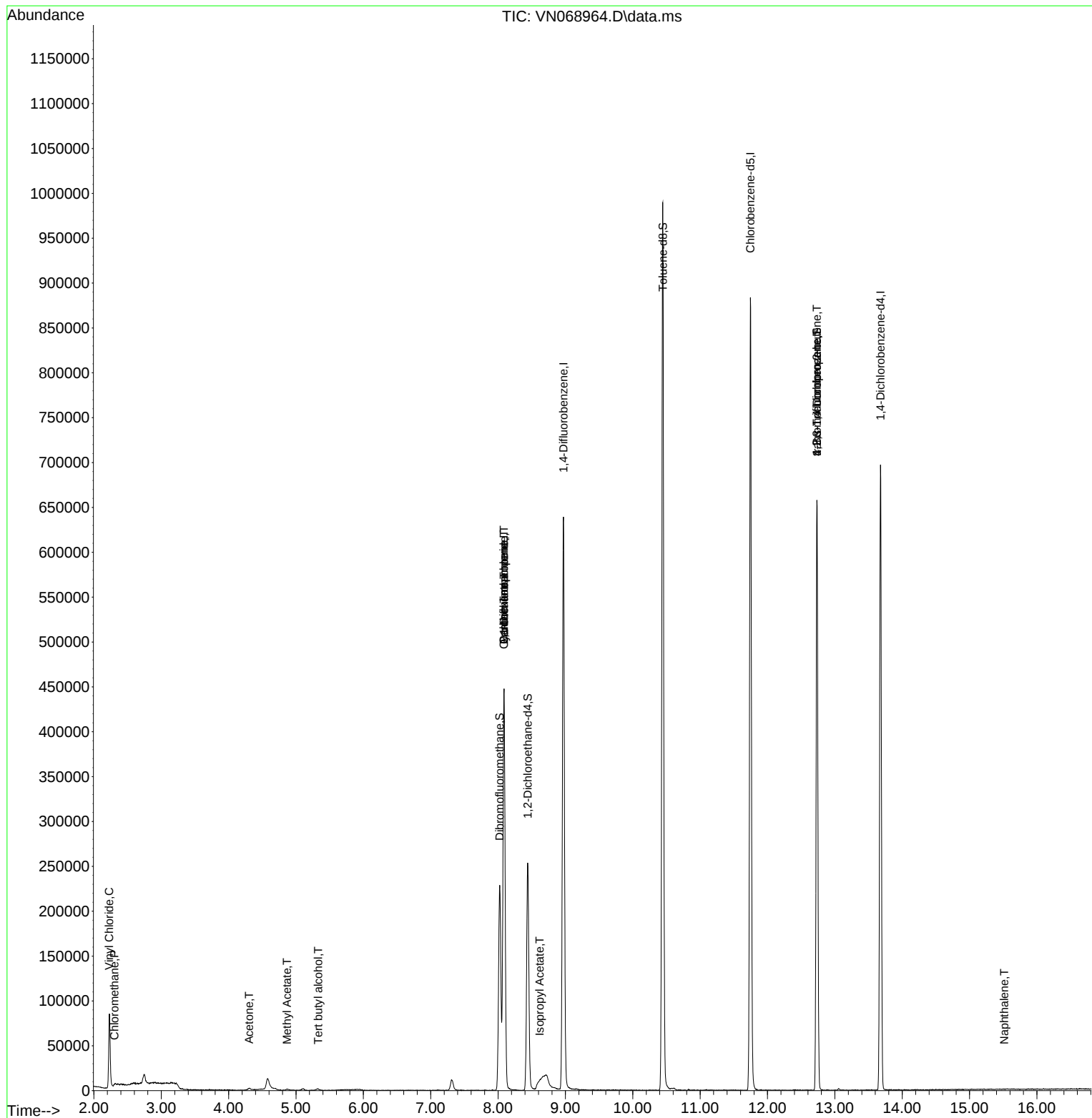
Internal Standards						
1) Pentafluorobenzene	8.088	168	333694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	576092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	525072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	190115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	213230	48.465	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.940%
35) Dibromofluoromethane	8.024	113	169619	50.606	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.220%
50) Toluene-d8	10.446	98	711179	53.030	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.060%
62) 4-Bromofluorobenzene	12.733	95	246167	48.652	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.300%
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	878	0.215	ug/l	94
4) Vinyl Chloride	2.228	62	957	0.231	ug/l #	1
11) Tert butyl alcohol	5.331	59	742	0.923	ug/l #	72
16) Acetone	4.304	43	1864	1.135	ug/l	96
18) Methyl Acetate	4.867	43	2677	0.430	ug/l #	65
31) Cyclohexane	8.086	56	7845	1.147	ug/l #	4
36) 1,1-Dichloropropene	8.088	75	27704	5.630	ug/l #	49
38) Carbon Tetrachloride	8.088	117	34859	6.450	ug/l #	15
43) Isopropyl Acetate	8.617	43	10232	1.141	ug/l #	55
76) 1,2,3-Trichloropropane	12.733	75	125450	31.013	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	125450	74.196	ug/l #	12
95) Naphthalene	15.515	128	282	3.841	ug/l #	69

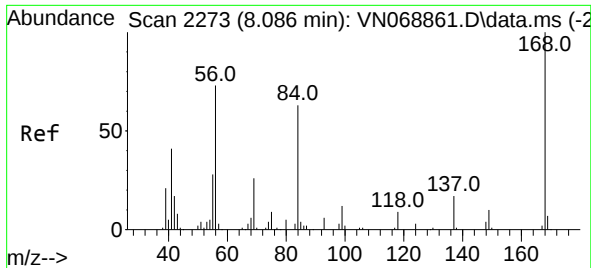
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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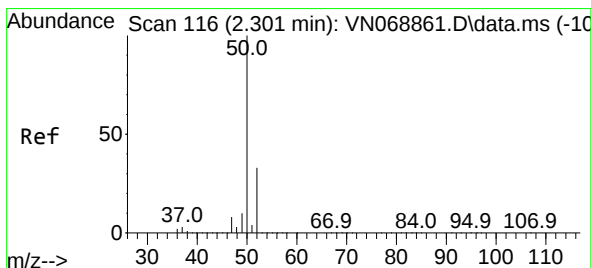
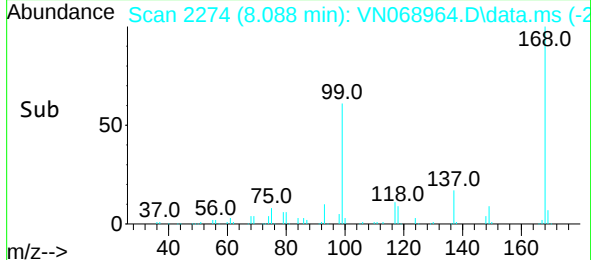
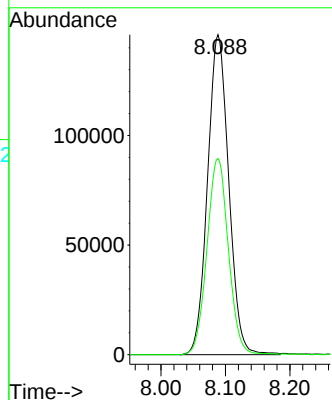
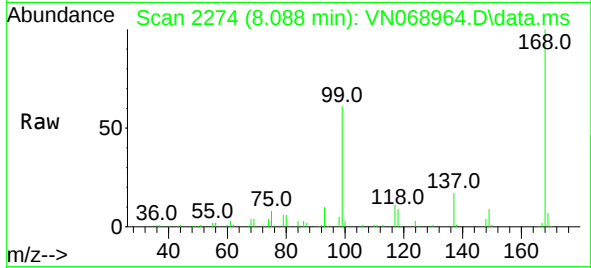




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

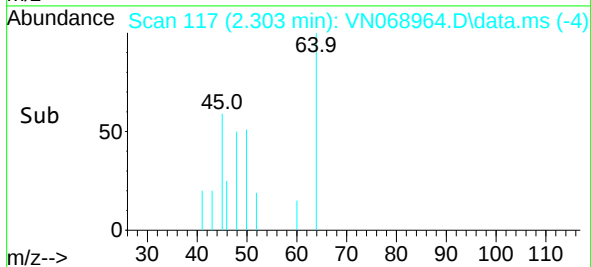
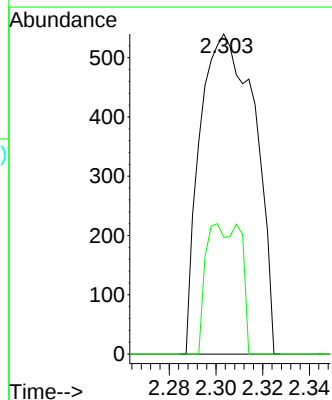
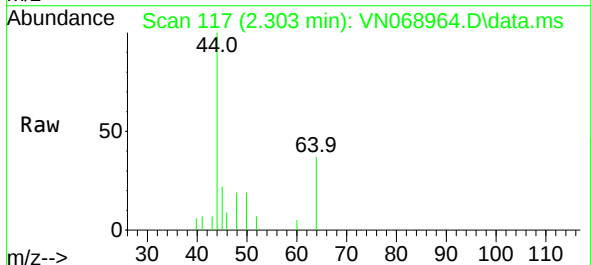
Instrument :
MSVOA_N
ClientSampled :

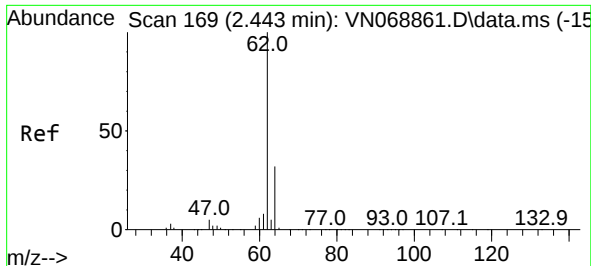
Tgt Ion:168 Resp: 333694
Ion Ratio Lower Upper
168 100
99 61.3 48.9 73.3



#3
Chloromethane
Concen: 0.215 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

Tgt Ion: 50 Resp: 878
Ion Ratio Lower Upper
50 100
52 36.5 26.3 39.5

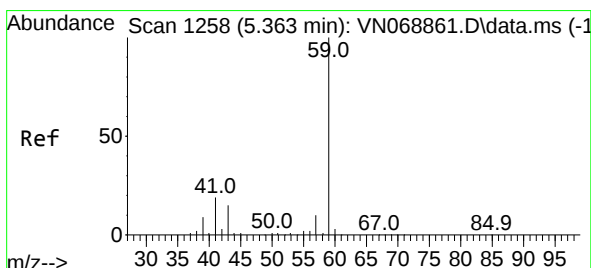
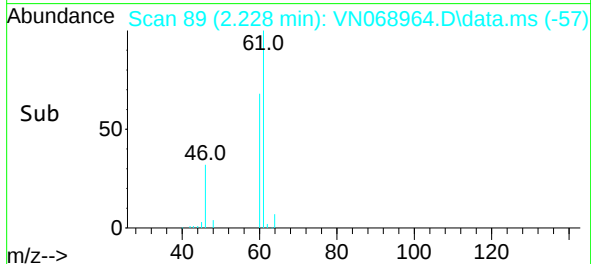
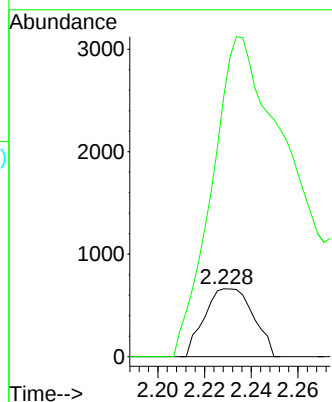
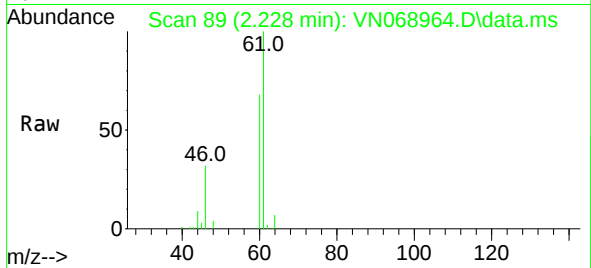




#4
 Vinyl Chloride
 Concen: 0.231 ug/l
 RT: 2.228 min Scan# 89
 Delta R.T. -0.215 min
 Lab File: VN068964.D
 Acq: 15 Oct 2021 21:24

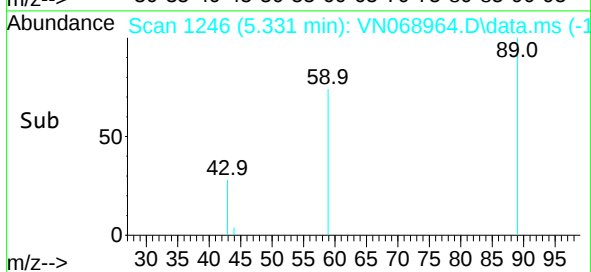
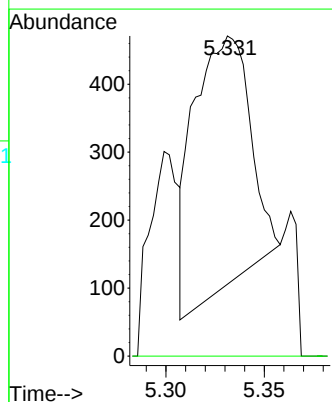
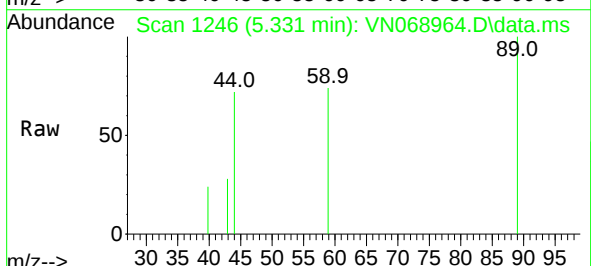
Instrument :
 MSVOA_N
 ClientSampled :

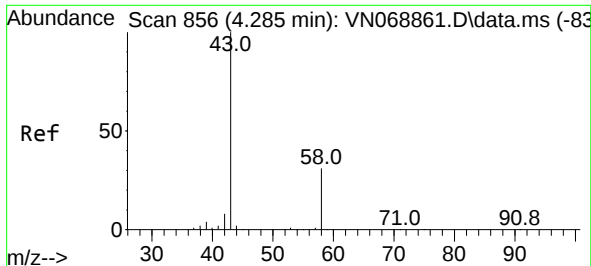
Tgt Ion: 62 Resp: 957
 Ion Ratio Lower Upper
 62 100
 64 345.5 25.7 38.5#



#11
 Tert butyl alcohol
 Concen: 0.923 ug/l
 RT: 5.331 min Scan# 1246
 Delta R.T. -0.032 min
 Lab File: VN068964.D
 Acq: 15 Oct 2021 21:24

Tgt Ion: 59 Resp: 742
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

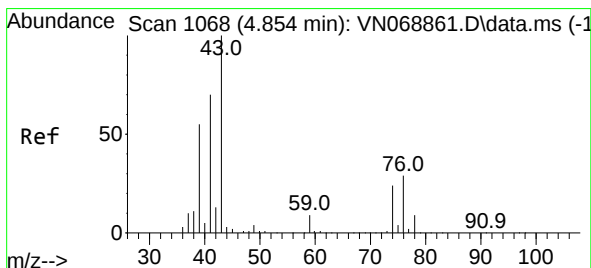
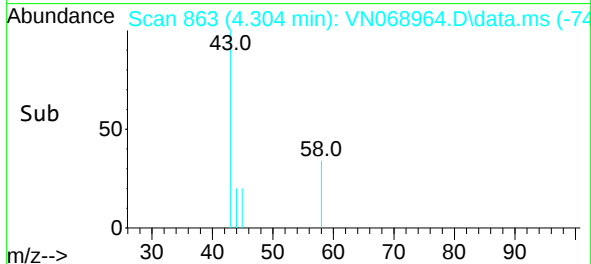
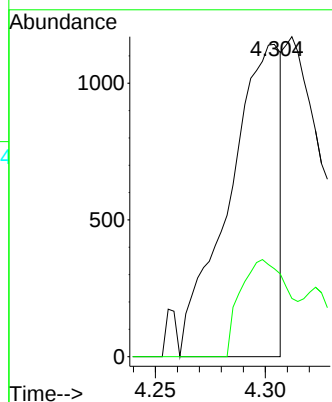
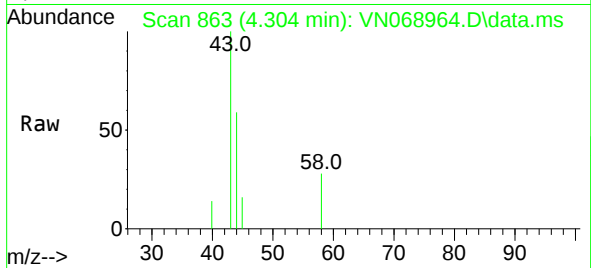




#16
Acetone
Concen: 1.135 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.019 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

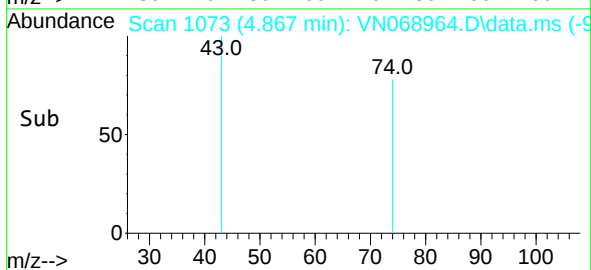
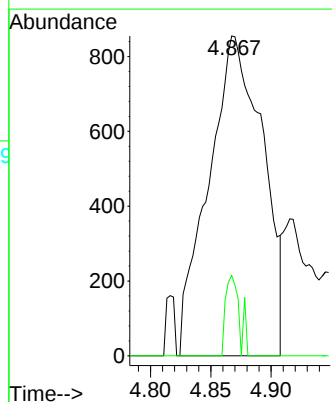
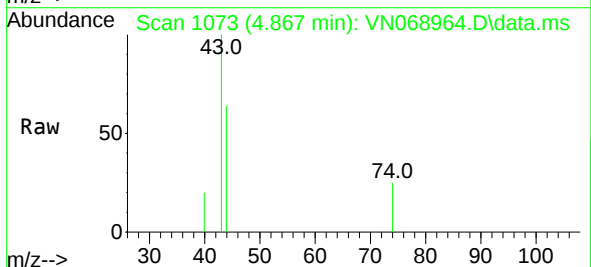
Instrument :
MSVOA_N
ClientSampleId :

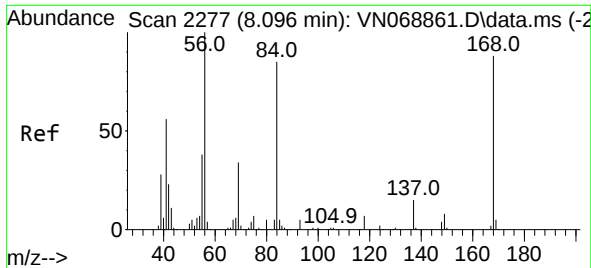
Tgt Ion: 43 Resp: 1864
Ion Ratio Lower Upper
43 100
58 28.2 24.5 36.7



#18
Methyl Acetate
Concen: 0.430 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.013 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

Tgt Ion: 43 Resp: 2677
Ion Ratio Lower Upper
43 100
74 6.4 18.9 28.3#

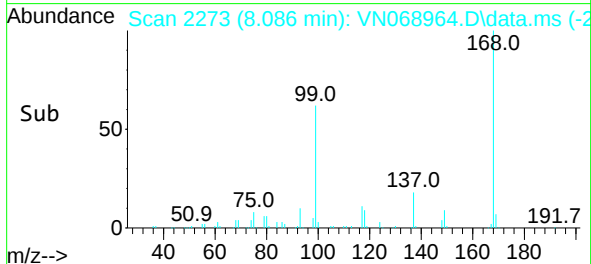
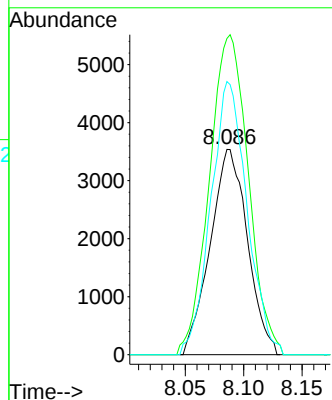
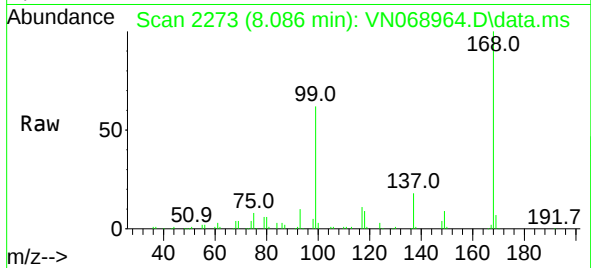




#31
Cyclohexane
Concen: 1.147 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

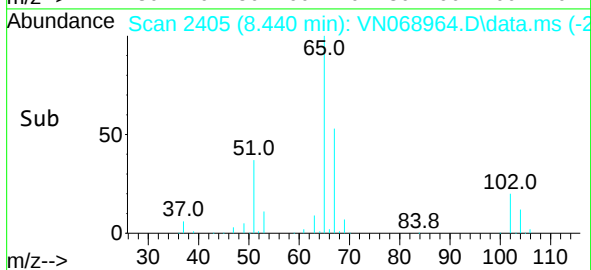
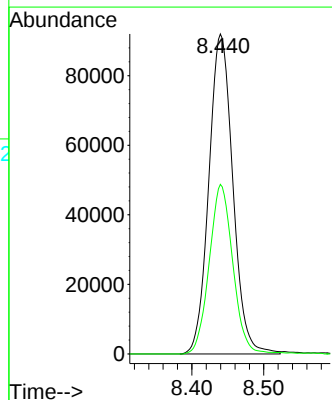
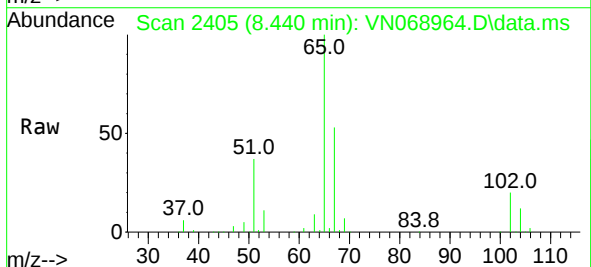
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 56 Resp: 7845
Ion Ratio Lower Upper
56 100
69 149.4 26.9 40.3#
84 133.0 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 48.465 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

Tgt Ion: 65 Resp: 213230
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.8

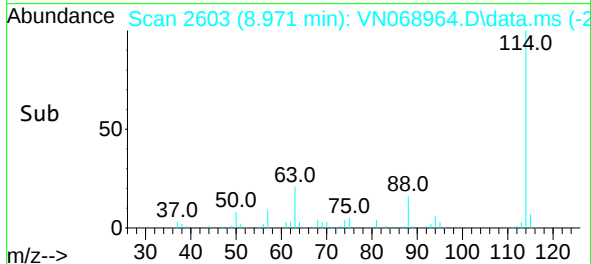
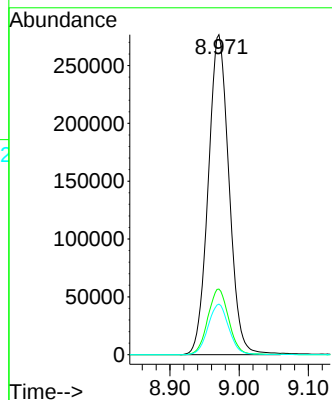
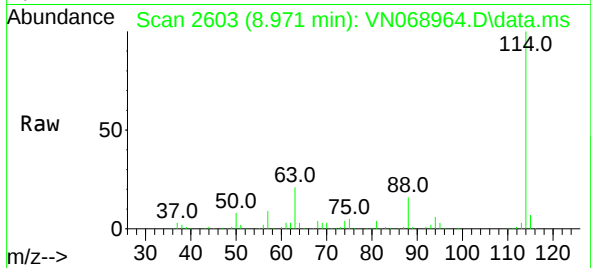




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

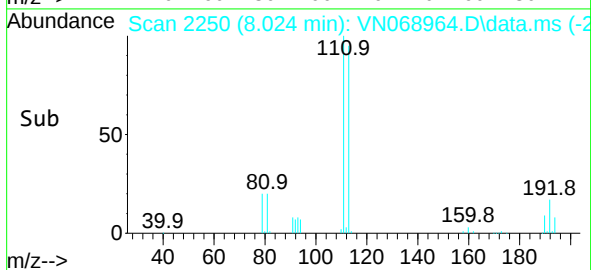
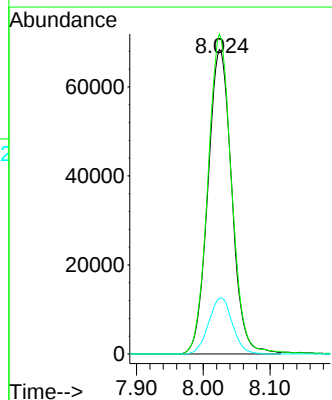
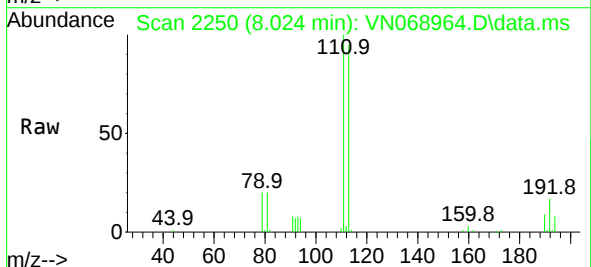
Instrument :
MSVOA_N
ClientSampled :

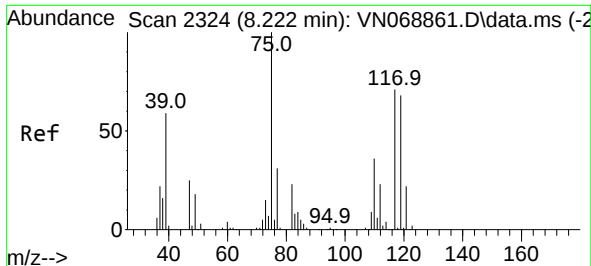
Tgt Ion:114 Resp: 576092
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.6
88 15.8 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.606 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

Tgt Ion:113 Resp: 169619
Ion Ratio Lower Upper
113 100
111 104.3 83.2 124.8
192 18.4 15.0 22.4

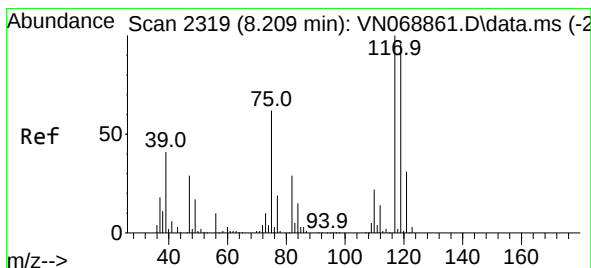
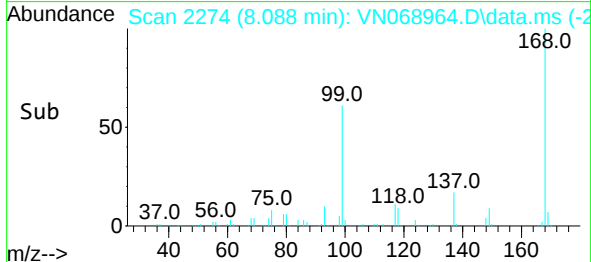
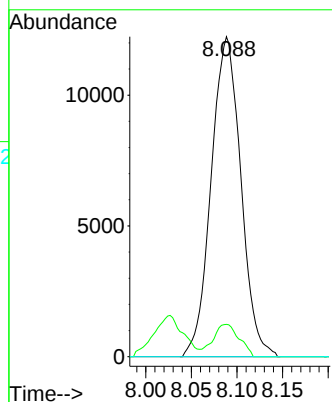
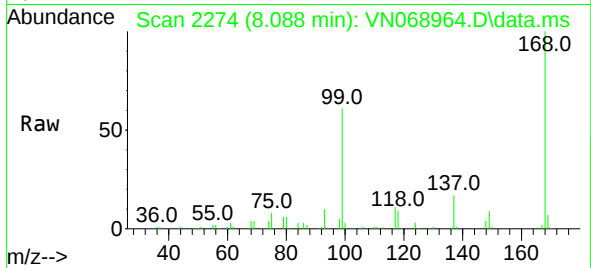




#36
1,1-Dichloropropene
Concen: 5.630 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

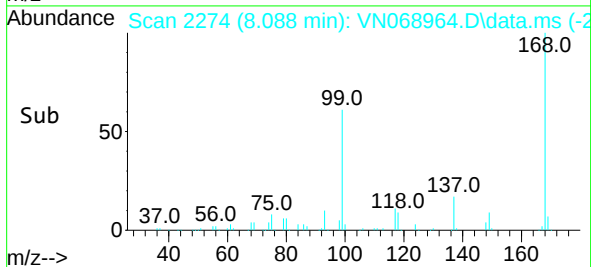
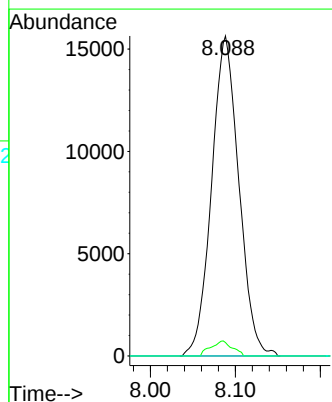
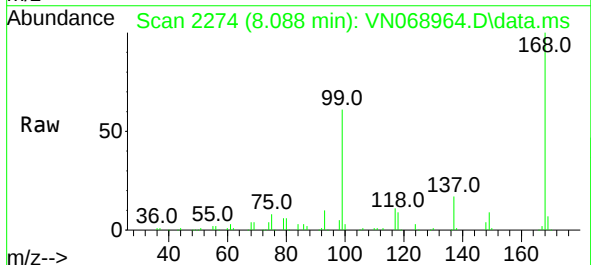
Instrument :
MSVOA_N
ClientSampled :

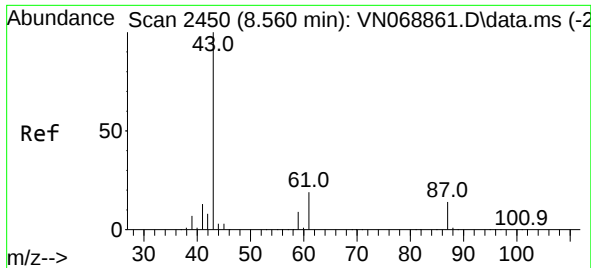
Tgt Ion: 75 Resp: 27704
Ion Ratio Lower Upper
75 100
110 9.0 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.450 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

Tgt Ion: 117 Resp: 34859
Ion Ratio Lower Upper
117 100
119 4.2 76.9 115.3#
121 0.0 24.6 37.0#

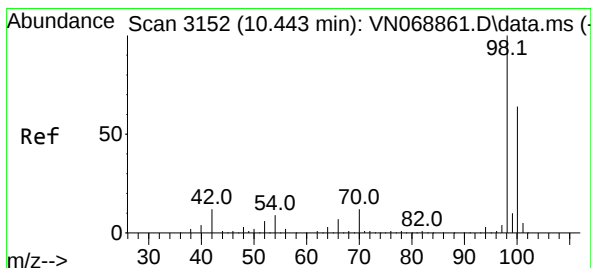
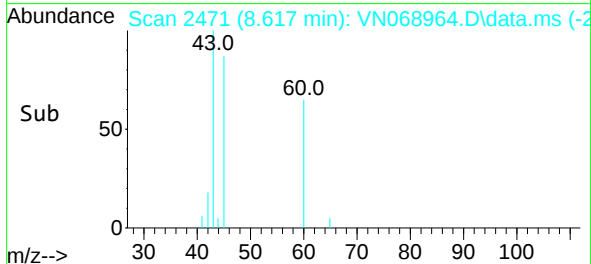
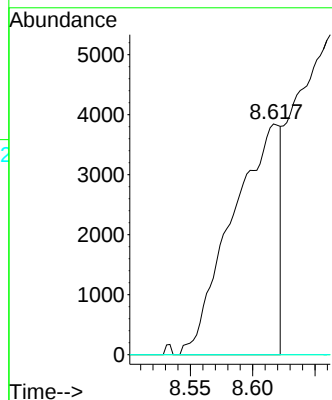
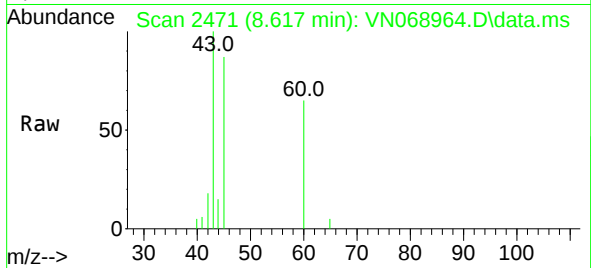




#43
Isopropyl Acetate
Concen: 1.141 ug/l
RT: 8.617 min Scan# 2471
Delta R.T. 0.056 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

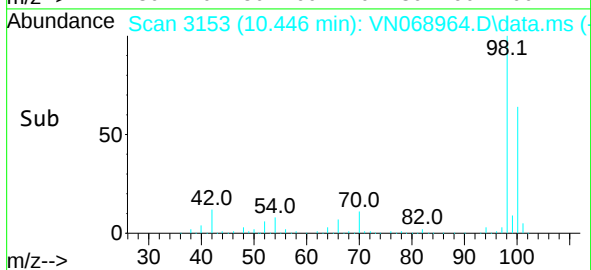
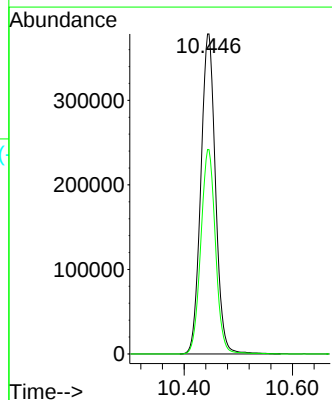
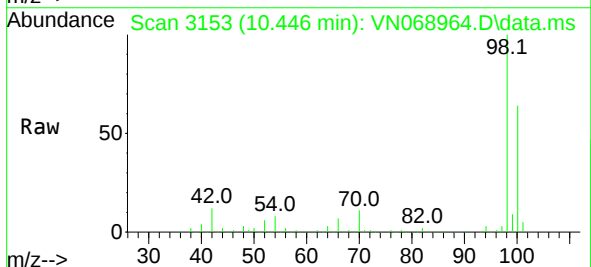
Instrument :
MSVOA_N
ClientSampled :

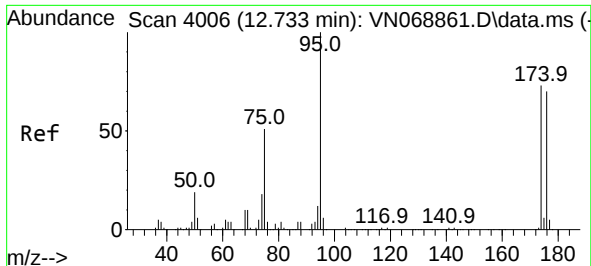
Tgt Ion: 43 Resp: 10232
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 53.030 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

Tgt Ion: 98 Resp: 711179
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3

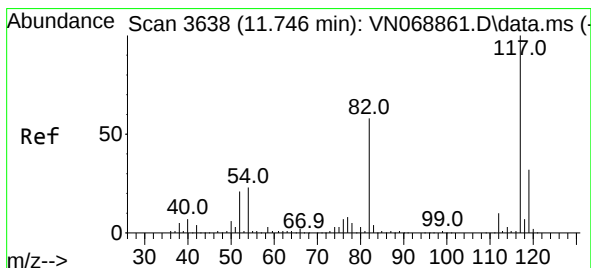
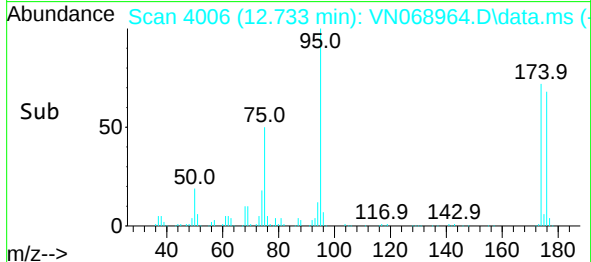
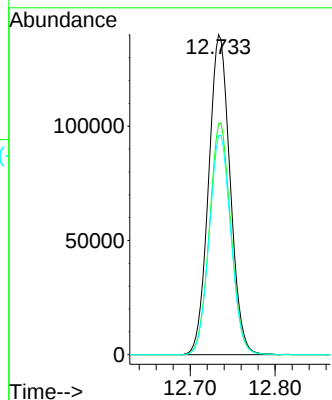
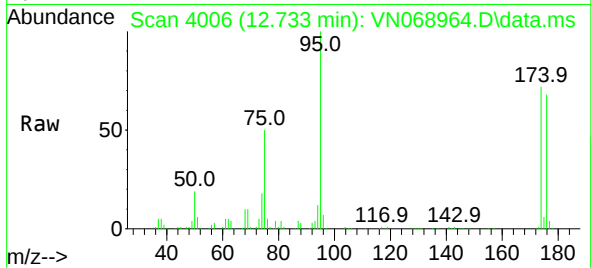




#62
4-Bromofluorobenzene
Concen: 48.652 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

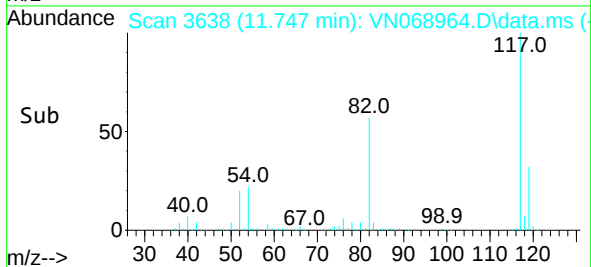
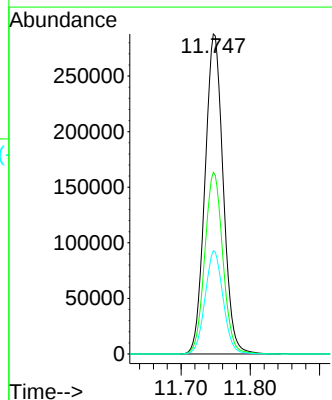
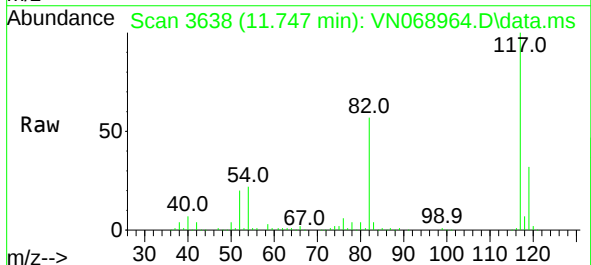
Instrument :
MSVOA_N
ClientSampled :

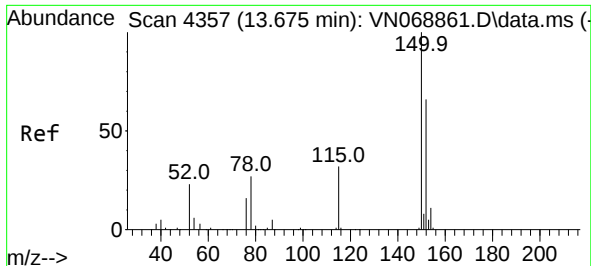
Tgt Ion: 95 Resp: 246167
Ion Ratio Lower Upper
95 100
174 72.4 0.0 144.8
176 69.1 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

Tgt Ion: 117 Resp: 525072
Ion Ratio Lower Upper
117 100
82 56.8 46.4 69.6
119 32.3 26.0 39.0

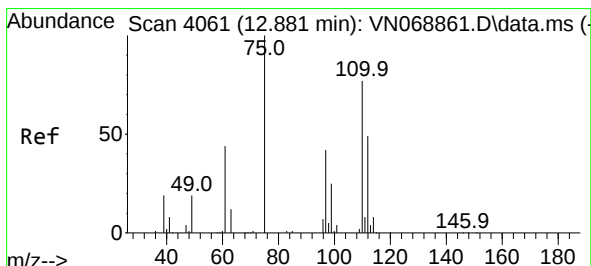
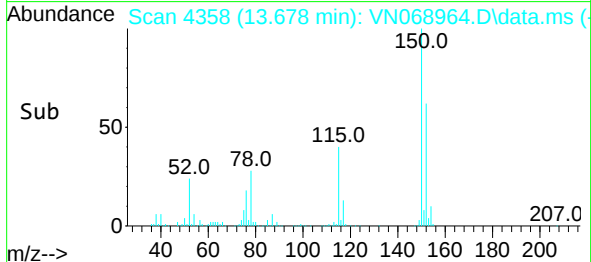
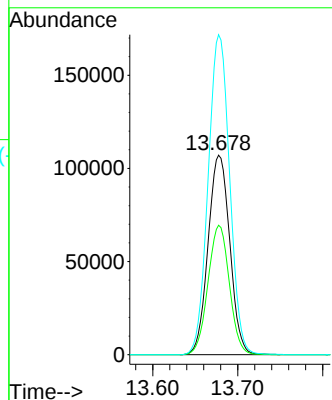
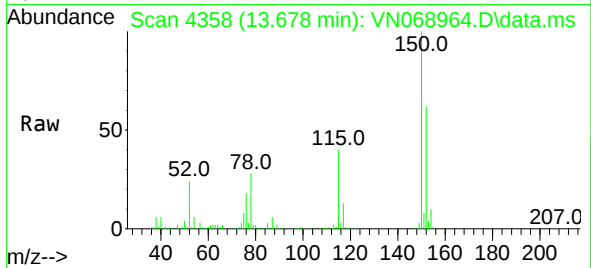




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

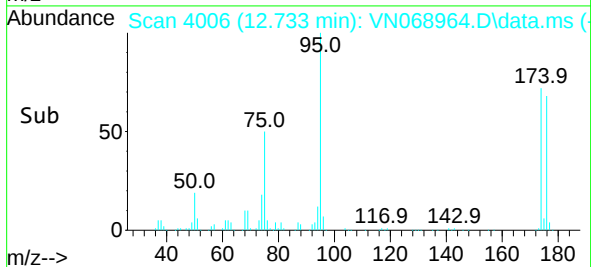
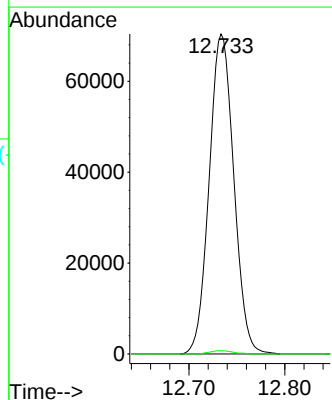
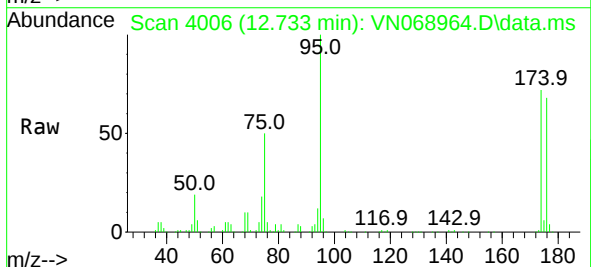
Instrument :
MSVOA_N
ClientSampled :

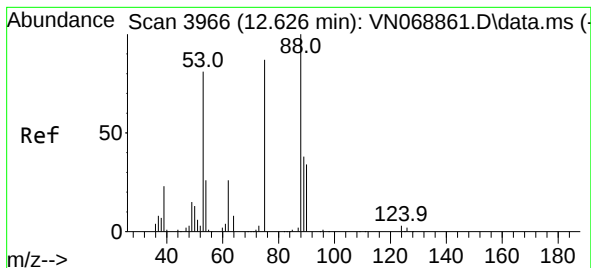
Tgt Ion:152 Resp: 190115
Ion Ratio Lower Upper
152 100
115 63.8 31.4 94.3
150 158.8 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 31.013 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

Tgt Ion: 75 Resp: 125450
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#

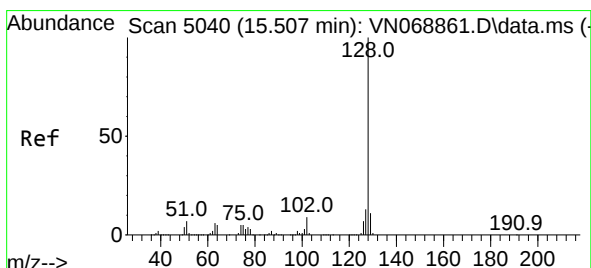
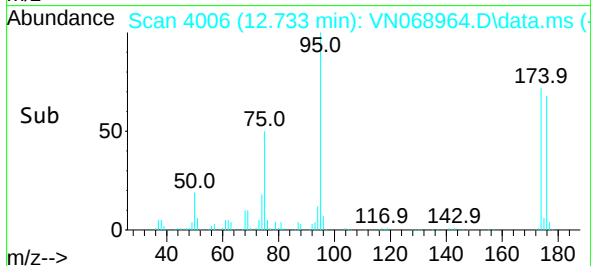
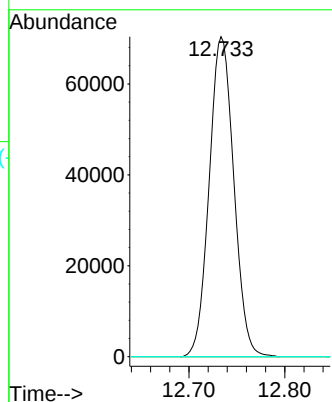
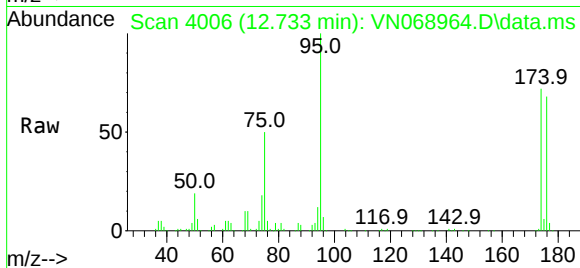




#81
trans-1,4-Dichloro-2-butene
Concen: 74.196 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 125450
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 3.841 ug/l
RT: 15.515 min Scan# 5043
Delta R.T. 0.008 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

Tgt Ion:128 Resp: 282
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

