

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101821\
 Data File : VN068982.D
 Acq On : 18 Oct 2021 16:24
 Operator : JC/MD
 Sample : M4243-14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 19 06:37:35 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)

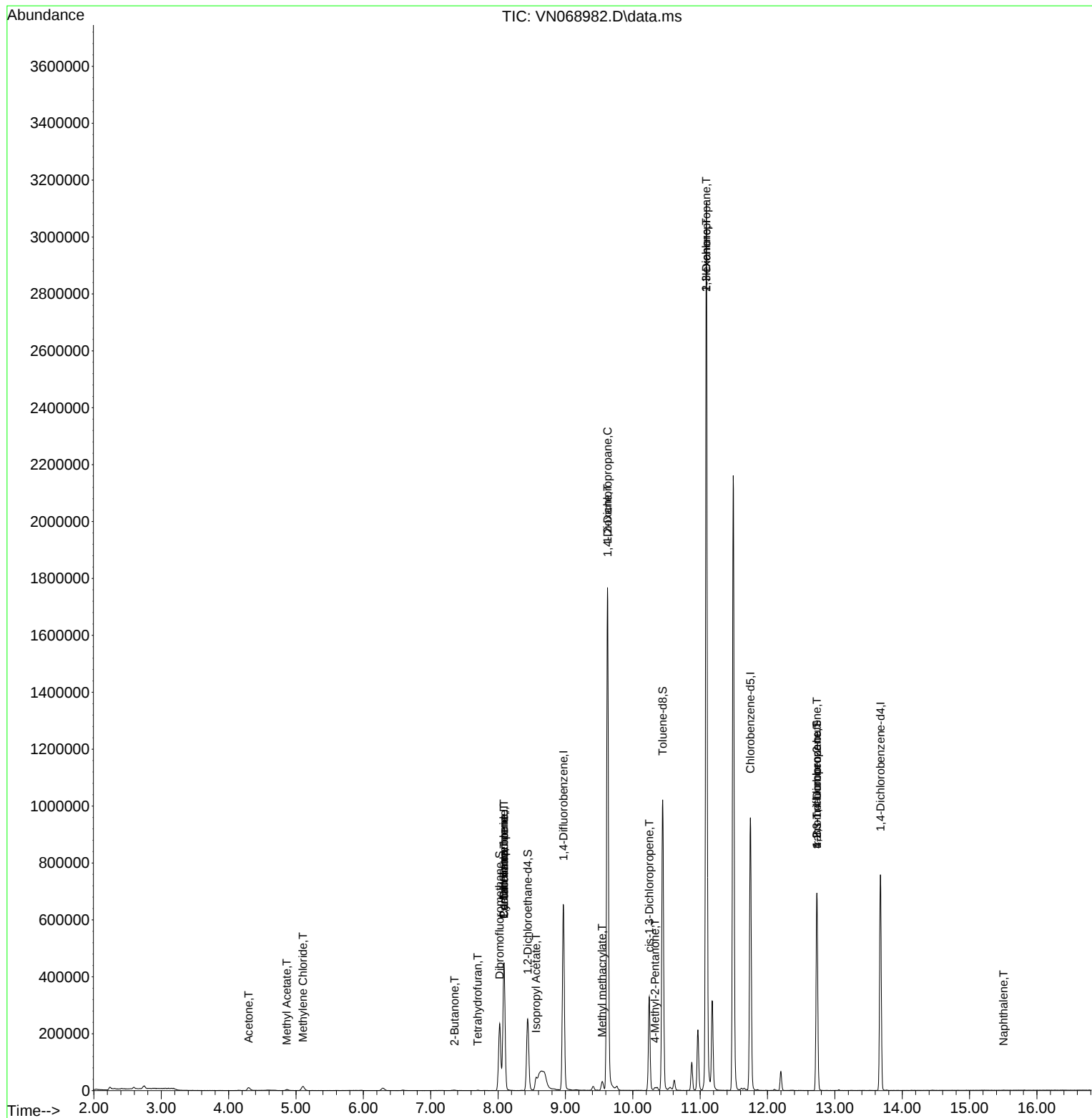
Internal Standards						
1) Pentafluorobenzene	8.088	168	337123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	583804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	565888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	199746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	215712	48.531	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.060%		
35) Dibromofluoromethane	8.024	113	173779	51.162	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.320%		
50) Toluene-d8	10.443	98	736858	54.219	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.440%		
62) 4-Bromofluorobenzene	12.733	95	257205	50.162	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.320%		
Target Compounds						
					Qvalue	
16) Acetone	4.296	43	19881	11.986	ug/l	98
18) Methyl Acetate	4.865	43	8158	1.297	ug/l #	78
20) Methylene Chloride	5.103	84	12479	3.269	ug/l	94
25) 2-Butanone	7.353	43	4236	1.689	ug/l	96
29) Tetrahydrofuran	7.697	42	654	0.402	ug/l #	57
31) Cyclohexane	8.088	56	7651	1.107	ug/l #	16
36) 1,1-Dichloropropene	8.088	75	27901	5.595	ug/l #	43
38) Carbon Tetrachloride	8.088	117	34404	6.282	ug/l #	16
43) Isopropyl Acetate	8.566	43	54313	5.977	ug/l #	82
45) 1,2-Dichloropropane	9.625	63	2063	0.524	ug/l #	43
48) Methyl methacrylate	9.545	41	8329	1.951	ug/l #	13
49) 1,4-Dioxane	9.628	88	84	36.607	ug/l #	1
51) 4-Methyl-2-Pentanone	10.330	43	4615	0.876	ug/l #	70
54) cis-1,3-Dichloropropene	10.245	75	63308	9.638	ug/l #	58
57) 1,3-Dichloropropane	11.092	76	33688	5.304	ug/l #	42
59) 2-Hexanone	11.092	43	480514	127.169	ug/l #	50
76) 1,2,3-Trichloropropane	12.733	75	133766	31.474	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	133766	75.300	ug/l #	12
95) Naphthalene	15.504	128	129	3.825	ug/l #	69

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101821\
Data File : VN068982.D
Acq On : 18 Oct 2021 16:24
Operator : JC/MD
Sample : M4243-14
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 19 06:37:35 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

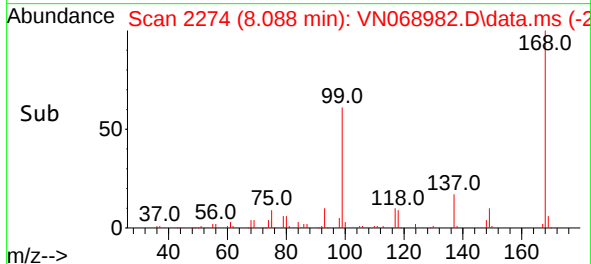
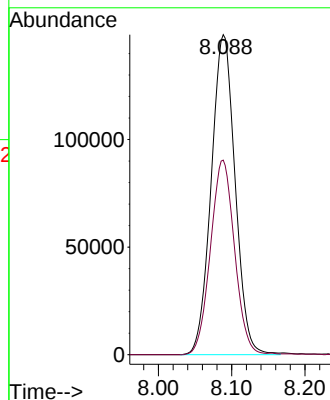
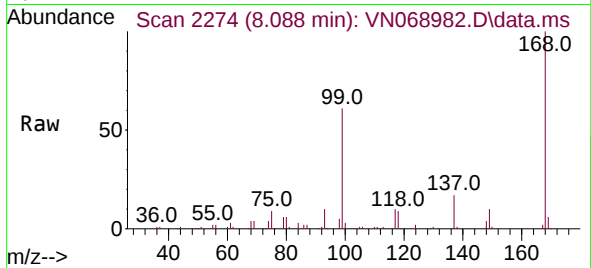




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

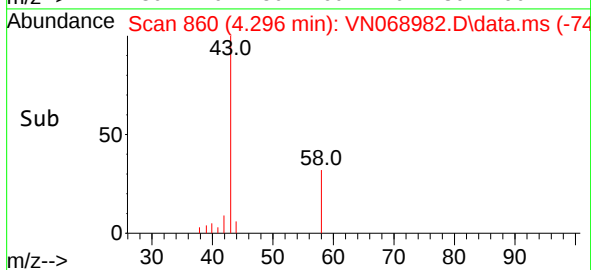
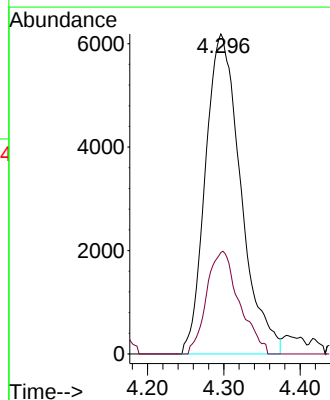
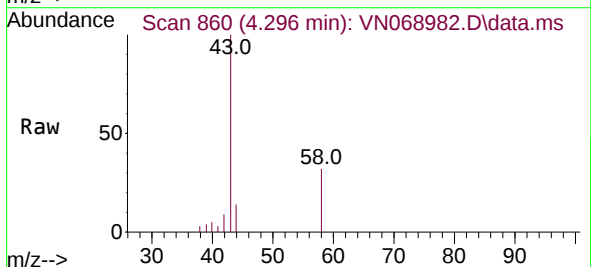
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:168 Resp: 337123
Ion Ratio Lower Upper
168 100
99 60.8 48.9 73.3



#16
Acetone
Concen: 11.986 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

Tgt Ion: 43 Resp: 19881
Ion Ratio Lower Upper
43 100
58 31.7 24.5 36.7

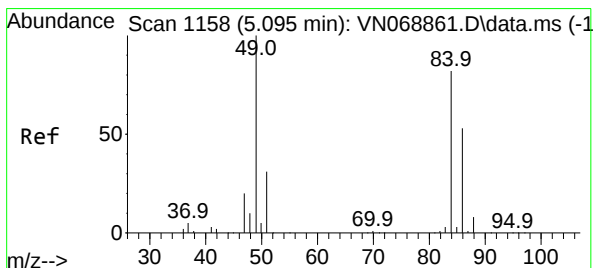
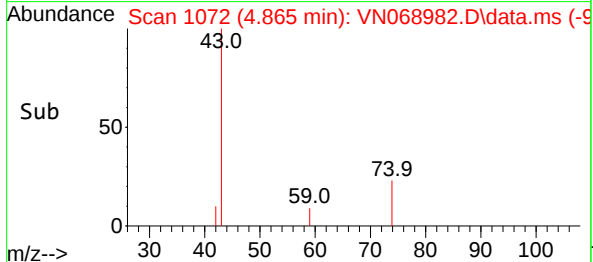
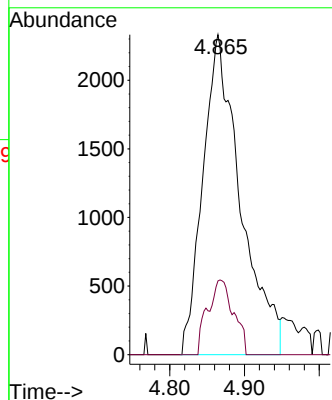
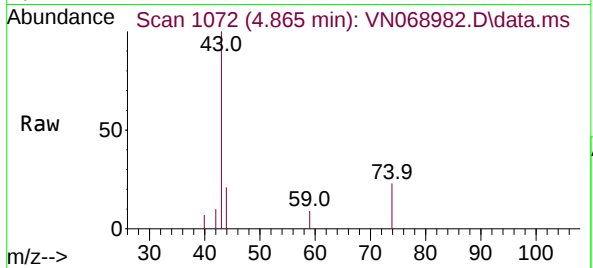




#18
Methyl Acetate
Concen: 1.297 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.011 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

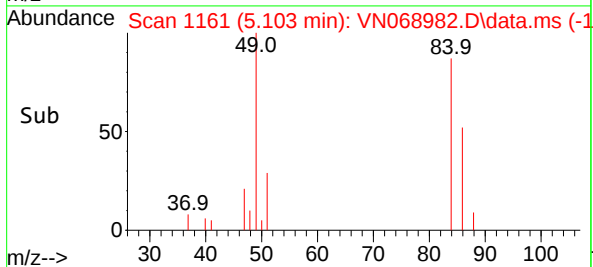
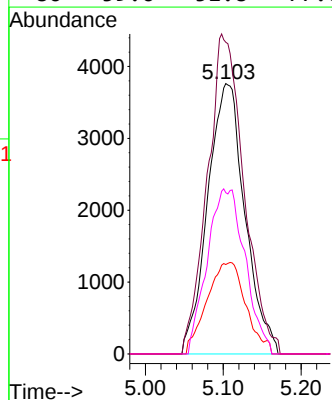
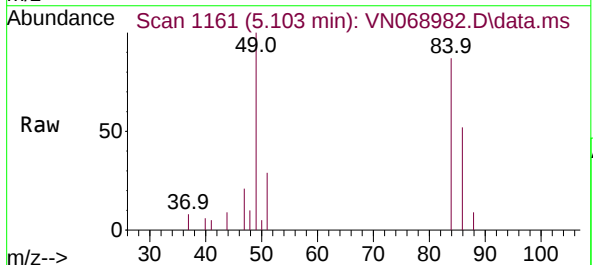
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 43 Resp: 8158
Ion Ratio Lower Upper
43 100
74 12.6 18.9 28.3#



#20
Methylene Chloride
Concen: 3.269 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.008 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

Tgt Ion: 84 Resp: 12479
Ion Ratio Lower Upper
84 100
49 115.3 97.6 146.4
51 33.1 30.3 45.5
86 59.6 51.8 77.6

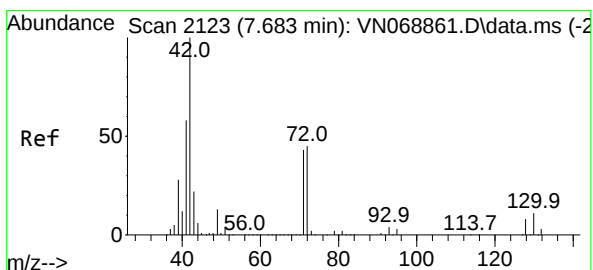
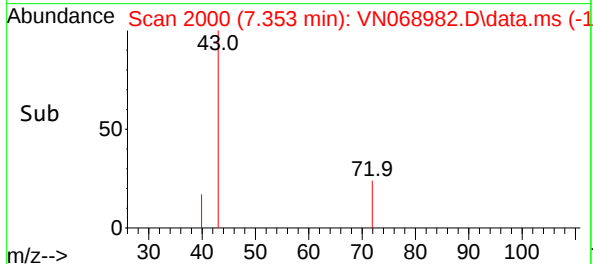
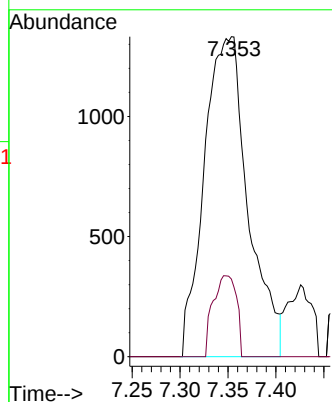
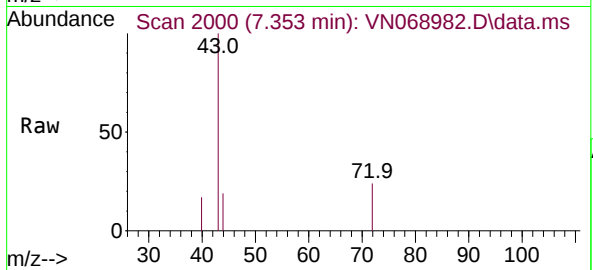




#25
2-Butanone
Concen: 1.689 ug/l
RT: 7.353 min Scan# 2000
Delta R.T. 0.021 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

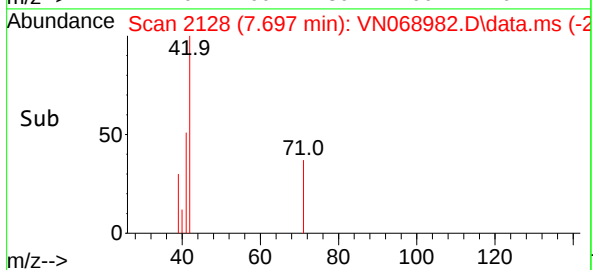
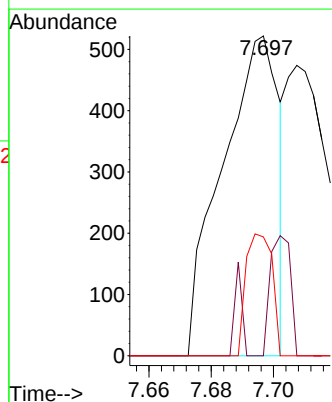
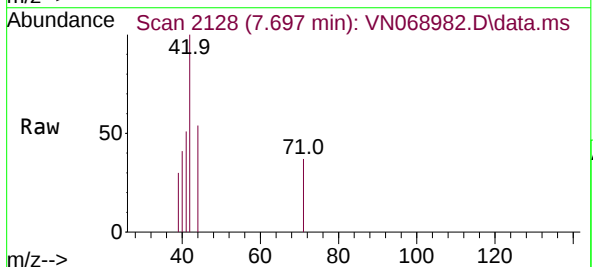
Instrument :
MSVOA_N
ClientSampled :

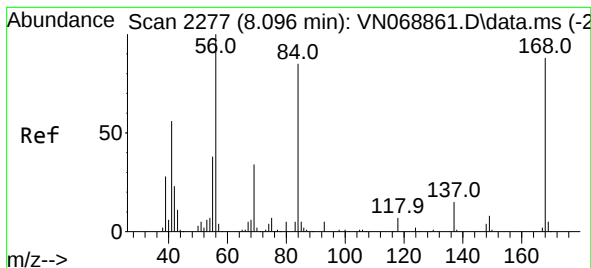
Tgt Ion: 43 Resp: 4236
Ion Ratio Lower Upper
43 100
72 24.2 21.2 31.8



#29
Tetrahydrofuran
Concen: 0.402 ug/l
RT: 7.697 min Scan# 2128
Delta R.T. 0.013 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

Tgt Ion: 42 Resp: 654
Ion Ratio Lower Upper
42 100
72 13.5 35.4 53.2#
71 17.7 33.8 50.6#

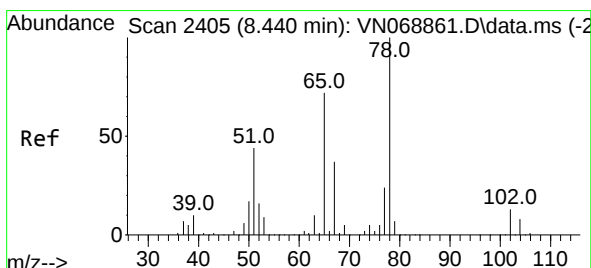
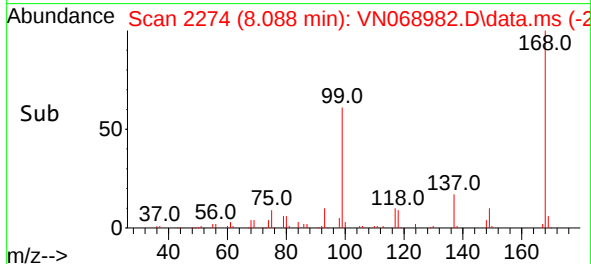
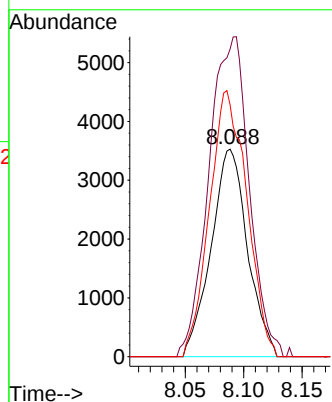
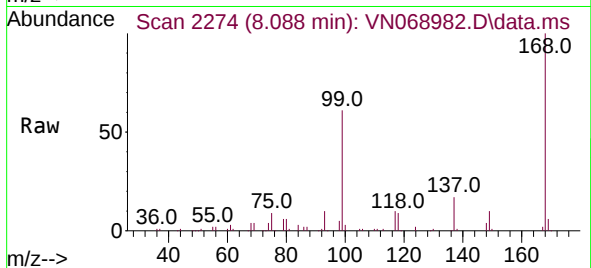




#31
Cyclohexane
Concen: 1.107 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

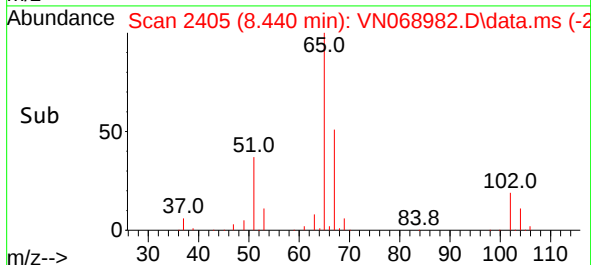
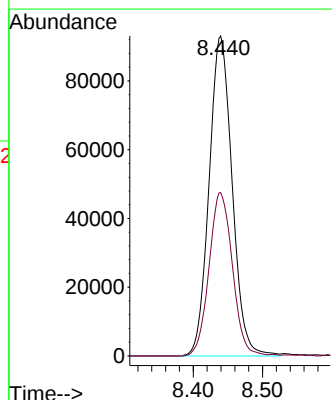
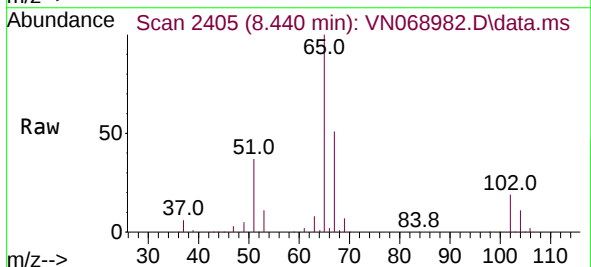
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 56 Resp: 7651
Ion Ratio Lower Upper
56 100
69 143.8 26.9 40.3#
84 121.3 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 48.531 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

Tgt Ion: 65 Resp: 215712
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.8

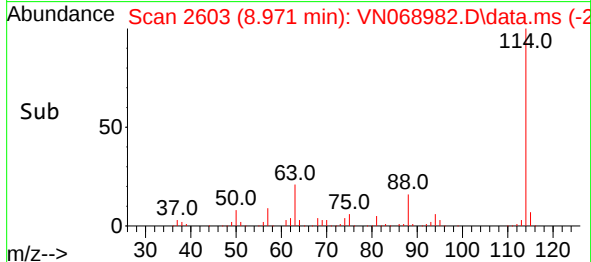
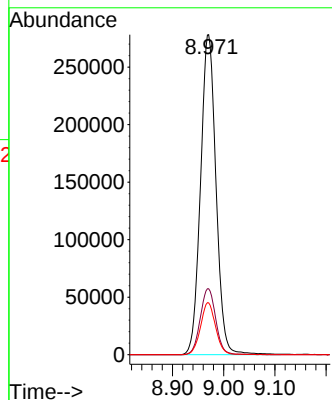
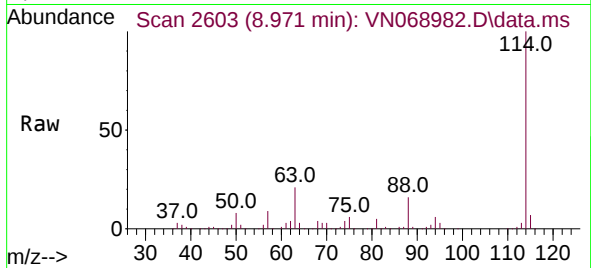




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

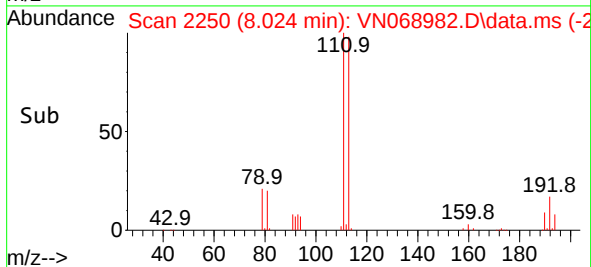
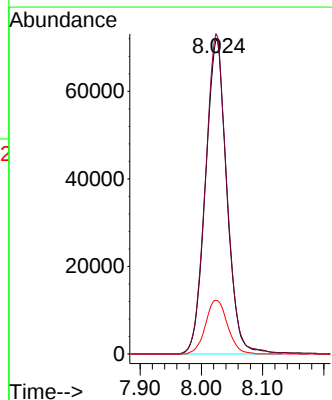
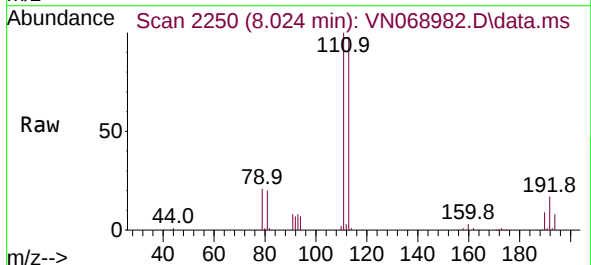
Instrument :
MSVOA_N
ClientSampled :

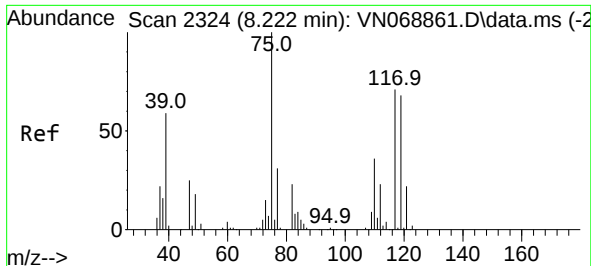
Tgt Ion:114 Resp: 583804
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.6
88 16.2 0.0 32.0



#35
Dibromofluoromethane
Concen: 51.162 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

Tgt Ion:113 Resp: 173779
Ion Ratio Lower Upper
113 100
111 102.4 83.2 124.8
192 17.6 15.0 22.4





#36

1,1-Dichloropropene

Concen: 5.595 ug/l

RT: 8.088 min Scan# 2274

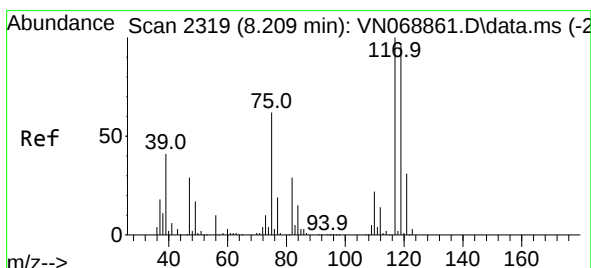
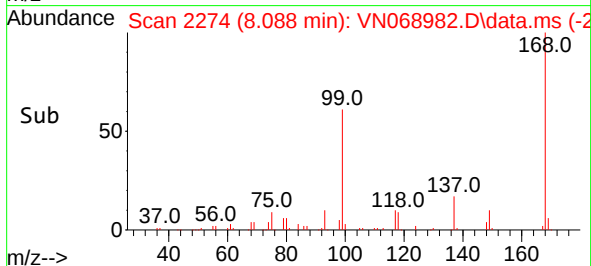
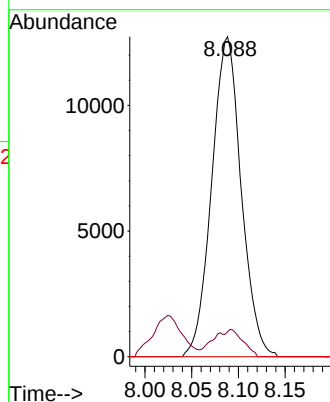
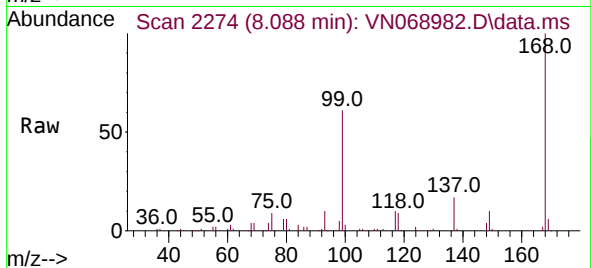
Delta R.T. -0.134 min

Lab File: VN068982.D

Acq: 18 Oct 2021 16:24

Tgt Ion:	75	Resp:	27901
Ion	Ratio	Lower	Upper
75	100		
110	2.4	17.9	53.8#
77	0.0	24.7	37.1#

Instrument :
MSVOA_N
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.282 ug/l

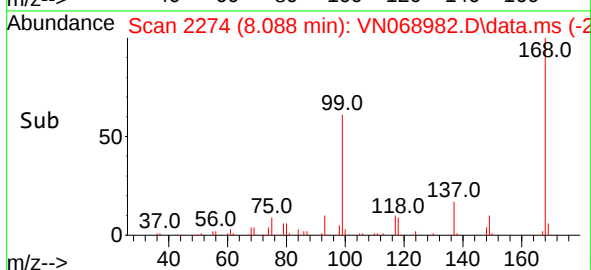
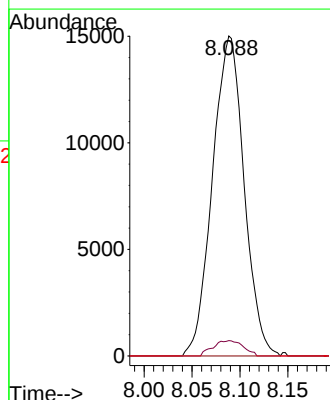
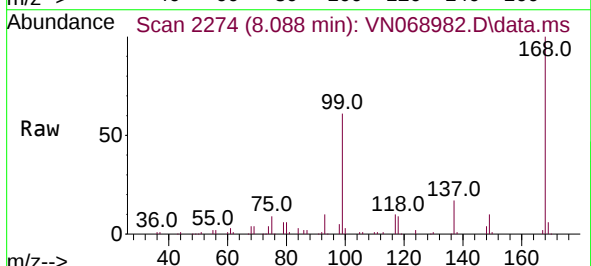
RT: 8.088 min Scan# 2274

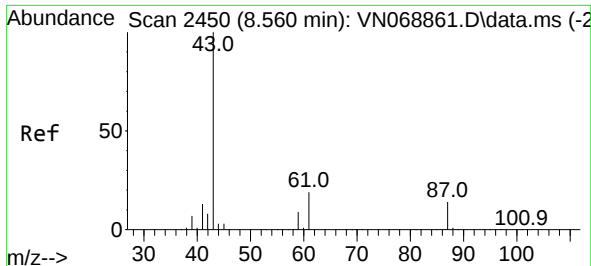
Delta R.T. -0.121 min

Lab File: VN068982.D

Acq: 18 Oct 2021 16:24

Tgt Ion:	117	Resp:	34404
Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.9	115.3#
121	0.0	24.6	37.0#

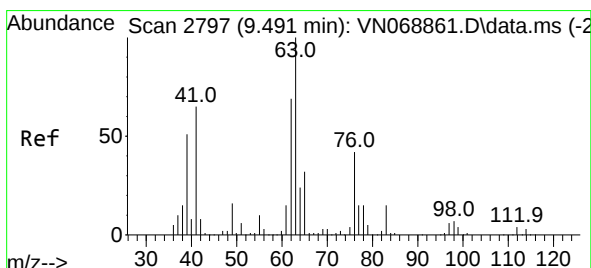
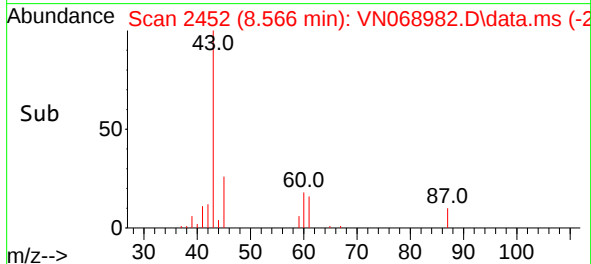
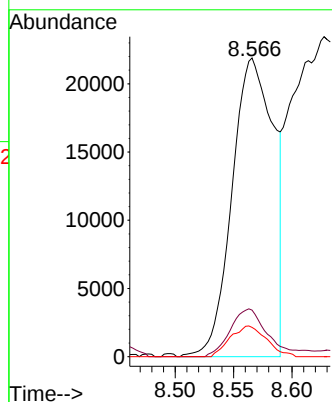
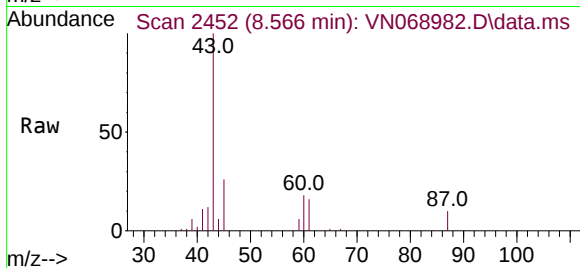




#43
Isopropyl Acetate
Concen: 5.977 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.005 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

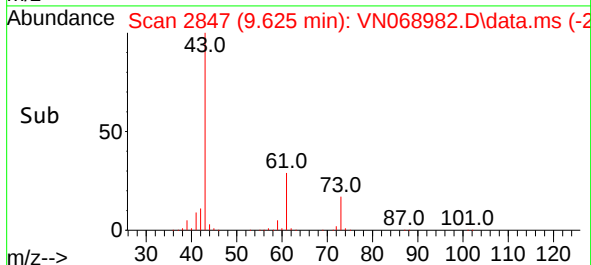
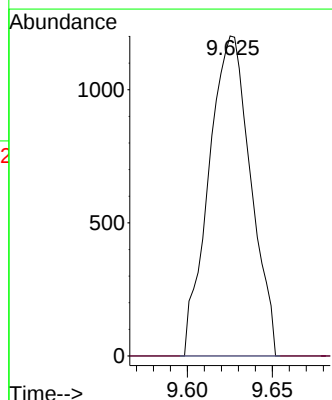
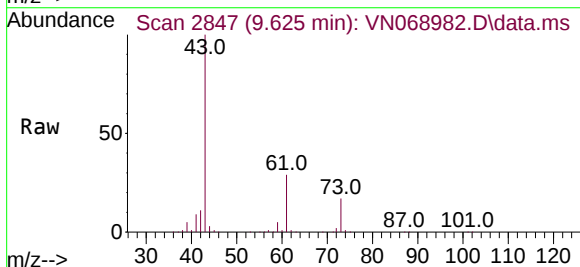
Instrument :
MSVOA_N
ClientSampled :

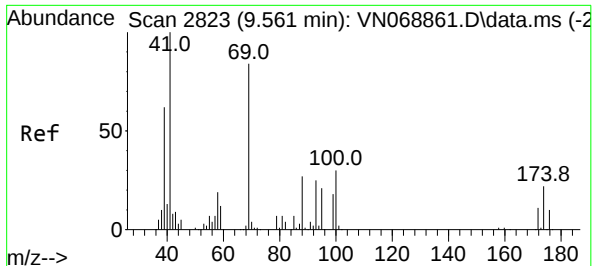
Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.9	20.4	30.6#
87	8.9	10.7	16.1#



#45
1,2-Dichloropropane
Concen: 0.524 ug/l
RT: 9.625 min Scan# 2847
Delta R.T. 0.134 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

Tgt Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.6	38.4#

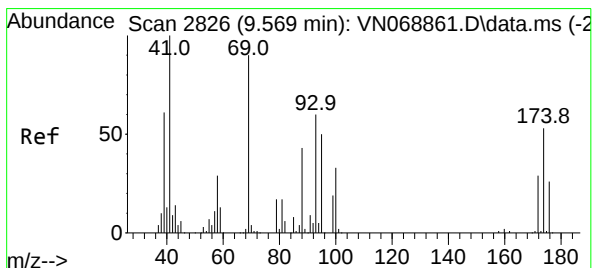
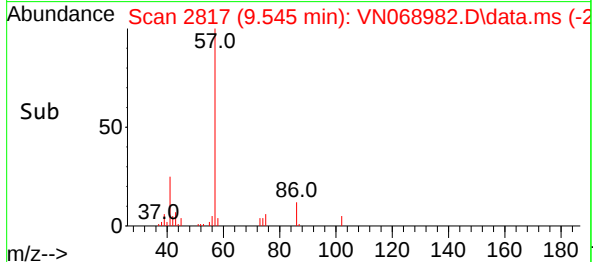
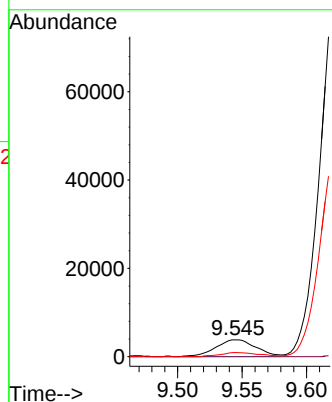
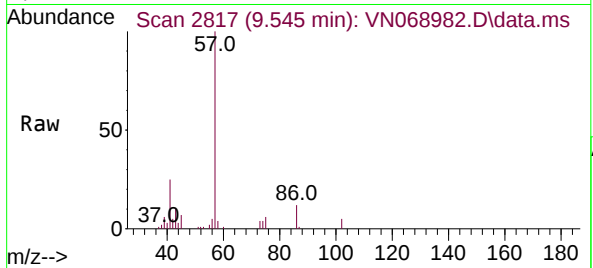




#48
Methyl methacrylate
Concen: 1.951 ug/l
RT: 9.545 min Scan# 2817
Delta R.T. -0.016 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

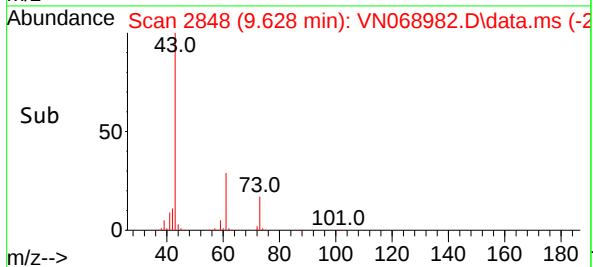
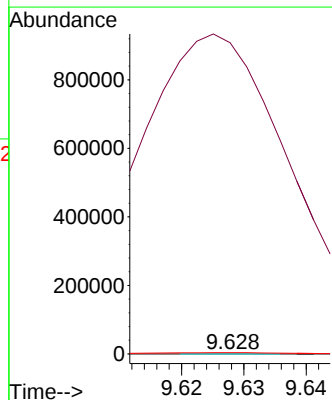
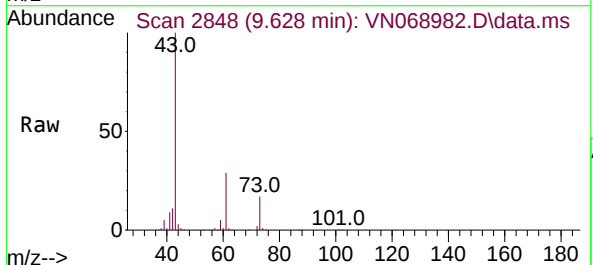
Instrument :
MSVOA_N
ClientSampled :

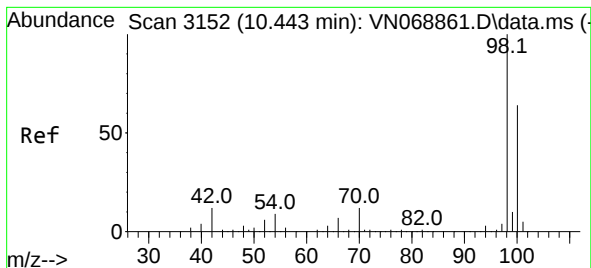
Tgt Ion: 41 Resp: 8329
Ion Ratio Lower Upper
41 100
69 0.0 66.4 99.6#
39 0.0 50.2 75.2#



#49
1,4-Dioxane
Concen: 36.607 ug/l
RT: 9.628 min Scan# 2848
Delta R.T. 0.059 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

Tgt Ion: 88 Resp: 84
Ion Ratio Lower Upper
88 100
43 2129141.7 24.9 37.3#
58 8131.0 56.9 85.3#

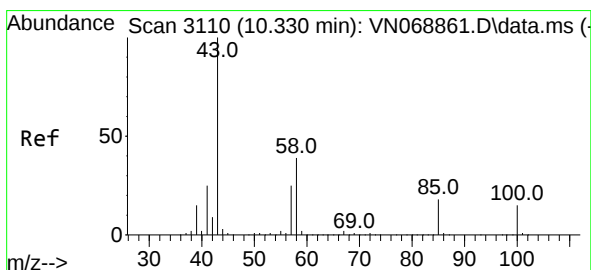
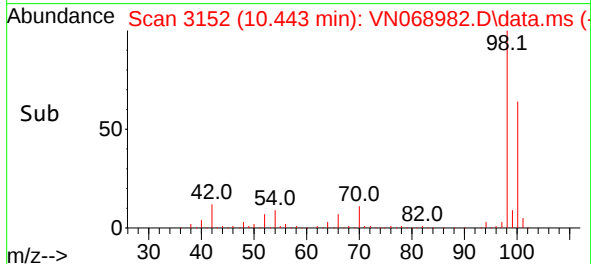
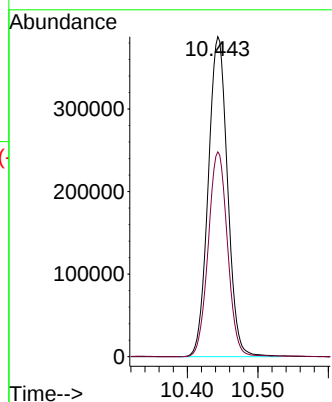
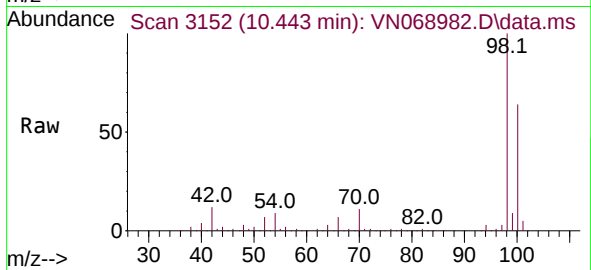




#50
Toluene-d8
Concen: 54.219 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

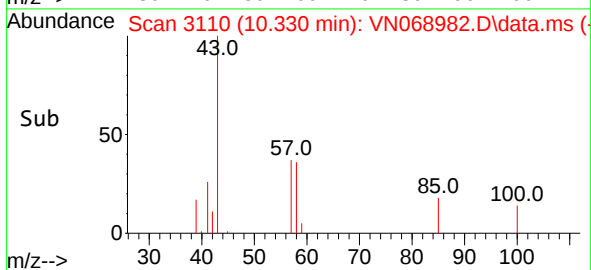
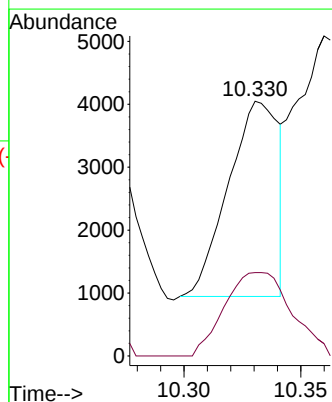
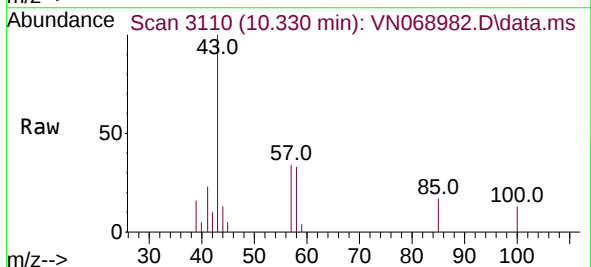
Instrument :
MSVOA_N
ClientSampled :

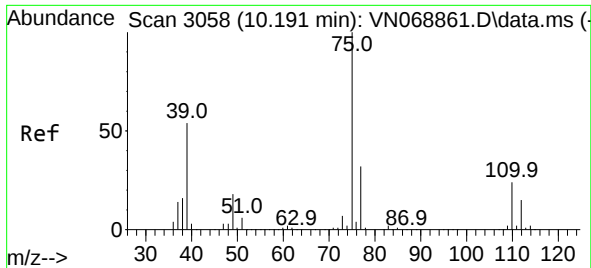
Tgt Ion: 98 Resp: 736858
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.876 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

Tgt Ion: 43 Resp: 4615
Ion Ratio Lower Upper
43 100
58 57.0 31.0 46.4#

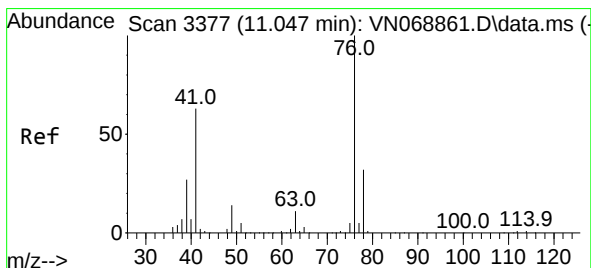
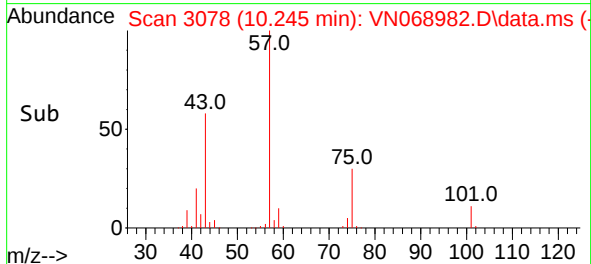
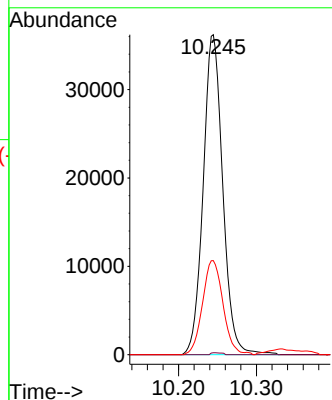
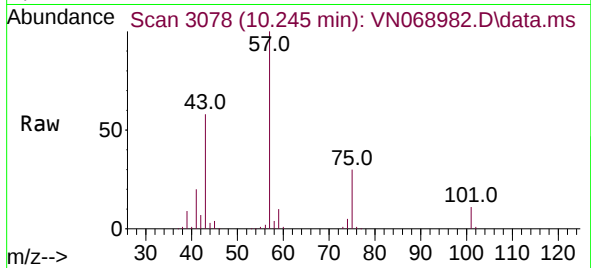




#54
cis-1,3-Dichloropropene
Concen: 9.638 ug/l
RT: 10.245 min Scan# 3078
Delta R.T. 0.054 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

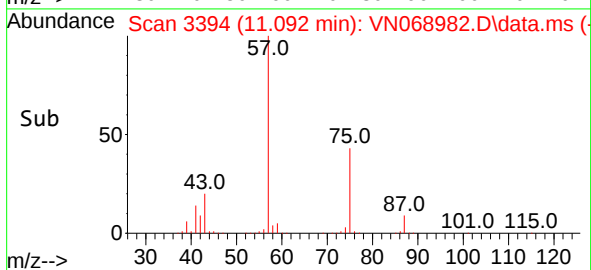
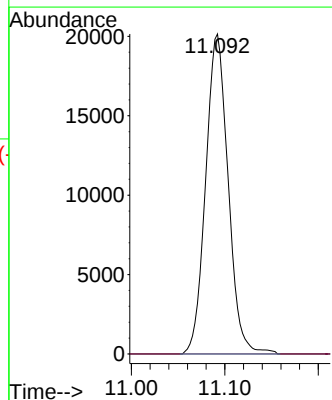
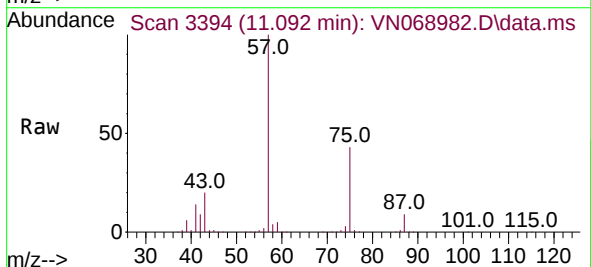
Instrument :
MSVOA_N
ClientSampled :

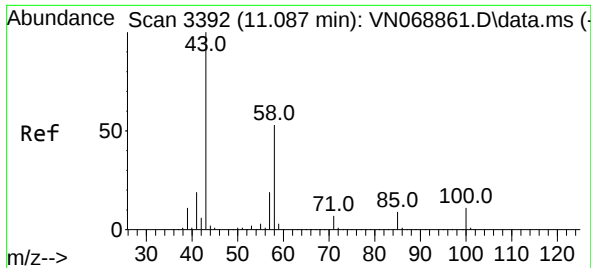
Tgt Ion: 75 Resp: 63308
Ion Ratio Lower Upper
75 100
77 0.6 25.6 38.4#
39 29.4 42.9 64.3#



#57
1,3-Dichloropropane
Concen: 5.304 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.046 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

Tgt Ion: 76 Resp: 33688
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.8#

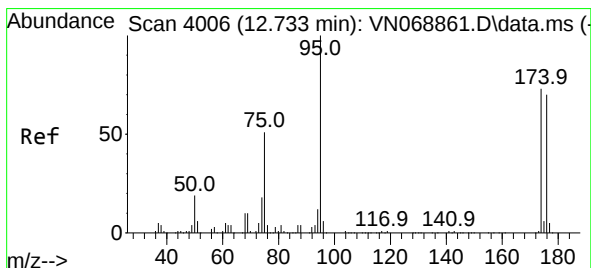
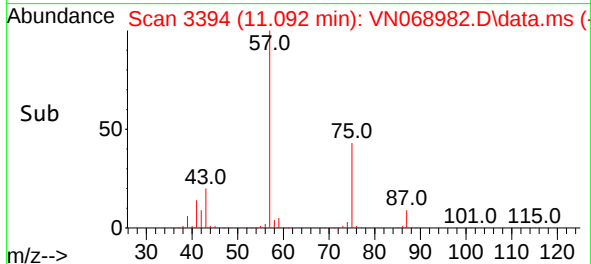
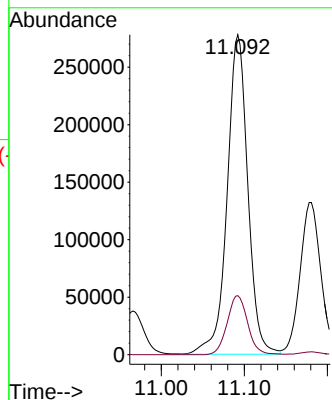
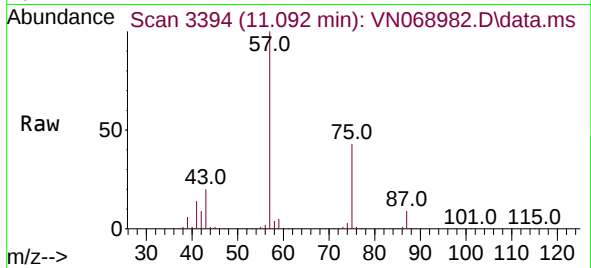




#59
2-Hexanone
Concen: 127.169 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

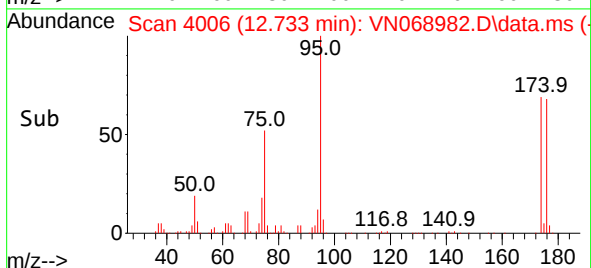
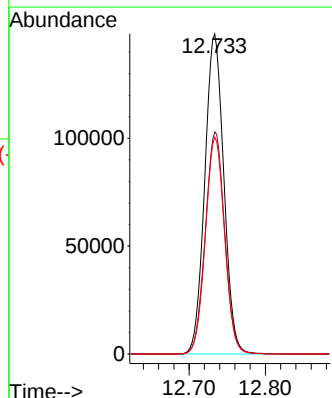
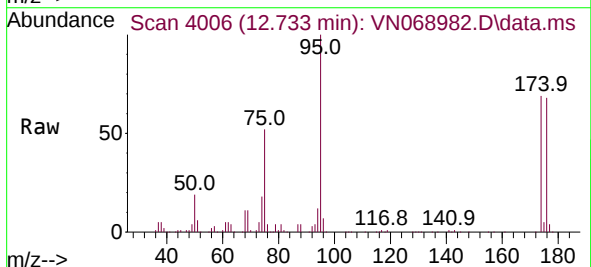
Instrument :
MSVOA_N
ClientSampled :

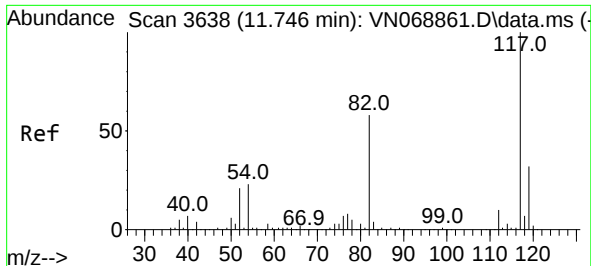
Tgt Ion: 43 Resp: 480514
Ion Ratio Lower Upper
43 100
58 18.4 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 50.162 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

Tgt Ion: 95 Resp: 257205
Ion Ratio Lower Upper
95 100
174 70.6 0.0 144.8
176 68.2 0.0 140.0

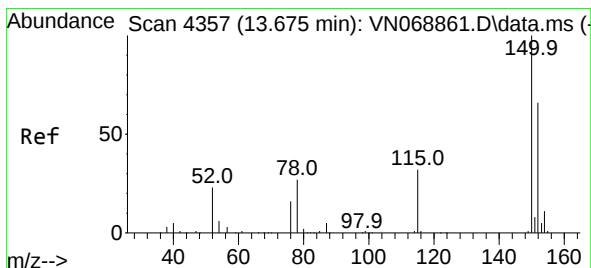
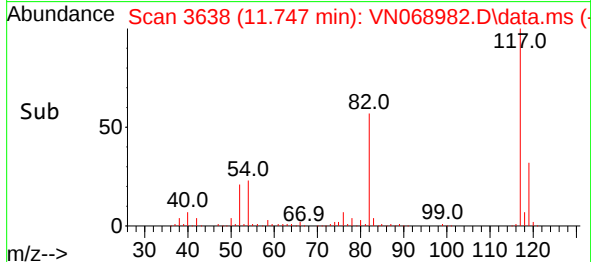
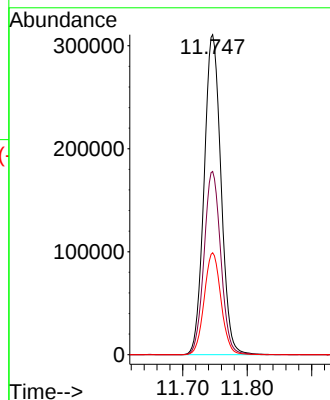
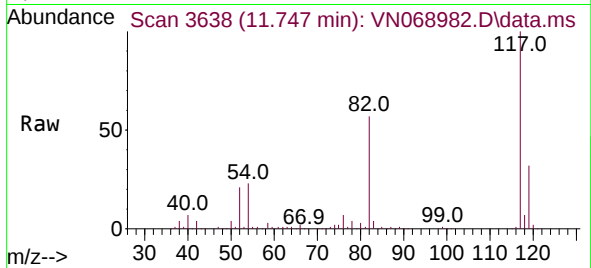




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

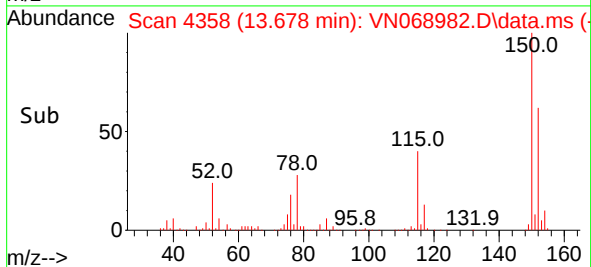
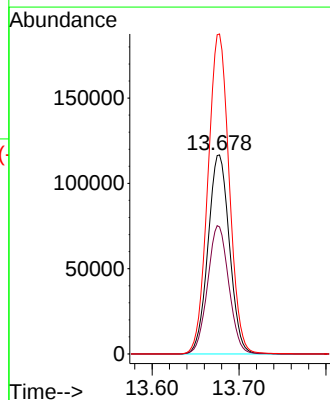
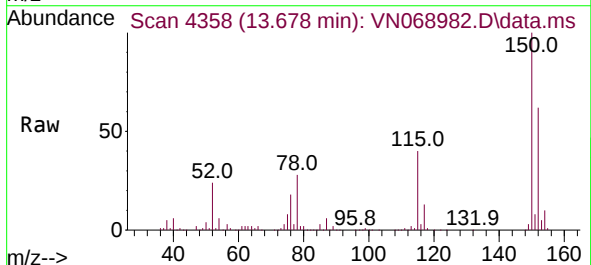
Instrument :
MSVOA_N
ClientSampled :

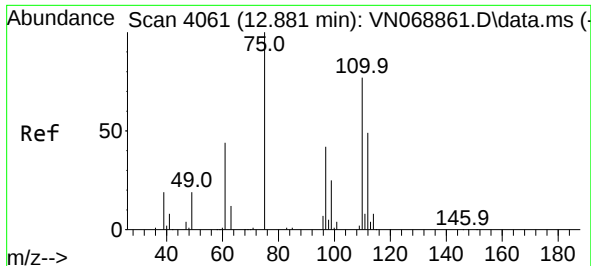
Tgt Ion:117 Resp: 565888
Ion Ratio Lower Upper
117 100
82 57.3 46.4 69.6
119 31.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

Tgt Ion:152 Resp: 199746
Ion Ratio Lower Upper
152 100
115 63.8 31.4 94.3
150 159.7 0.0 351.0

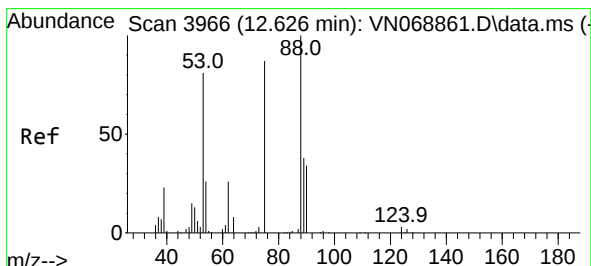
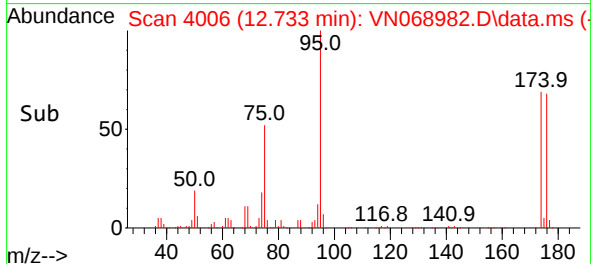
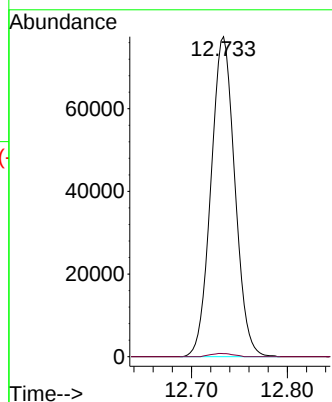
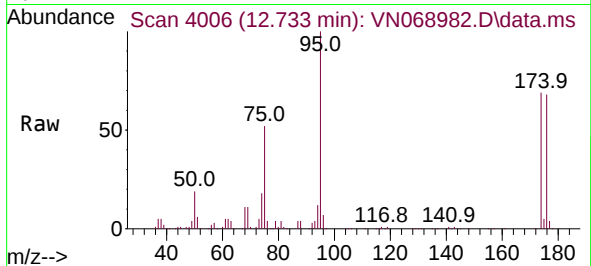




#76
1,2,3-Trichloropropane
Concen: 31.474 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

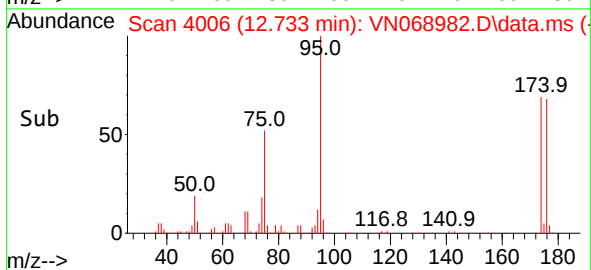
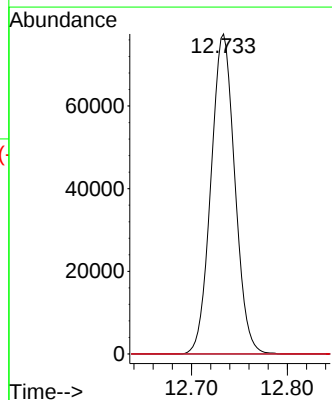
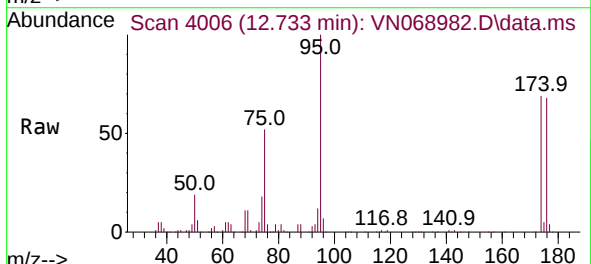
Instrument :
MSVOA_N
ClientSampled :

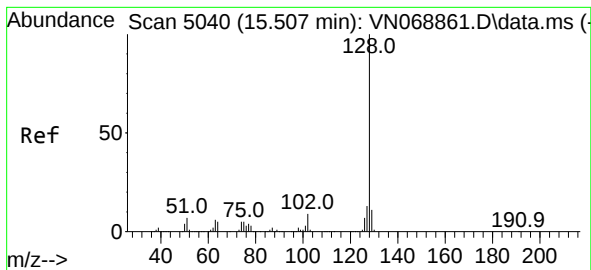
Tgt Ion: 75 Resp: 133766
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.300 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

Tgt Ion: 75 Resp: 133766
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 3.825 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN068982.D
Acq: 18 Oct 2021 16:24

Instrument :
MSVOA_N
ClientSampleId :

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

