

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101821\
 Data File : VN068986.D
 Acq On : 18 Oct 2021 18:05
 Operator : JC/MD
 Sample : M4243-18
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 19 06:38:44 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

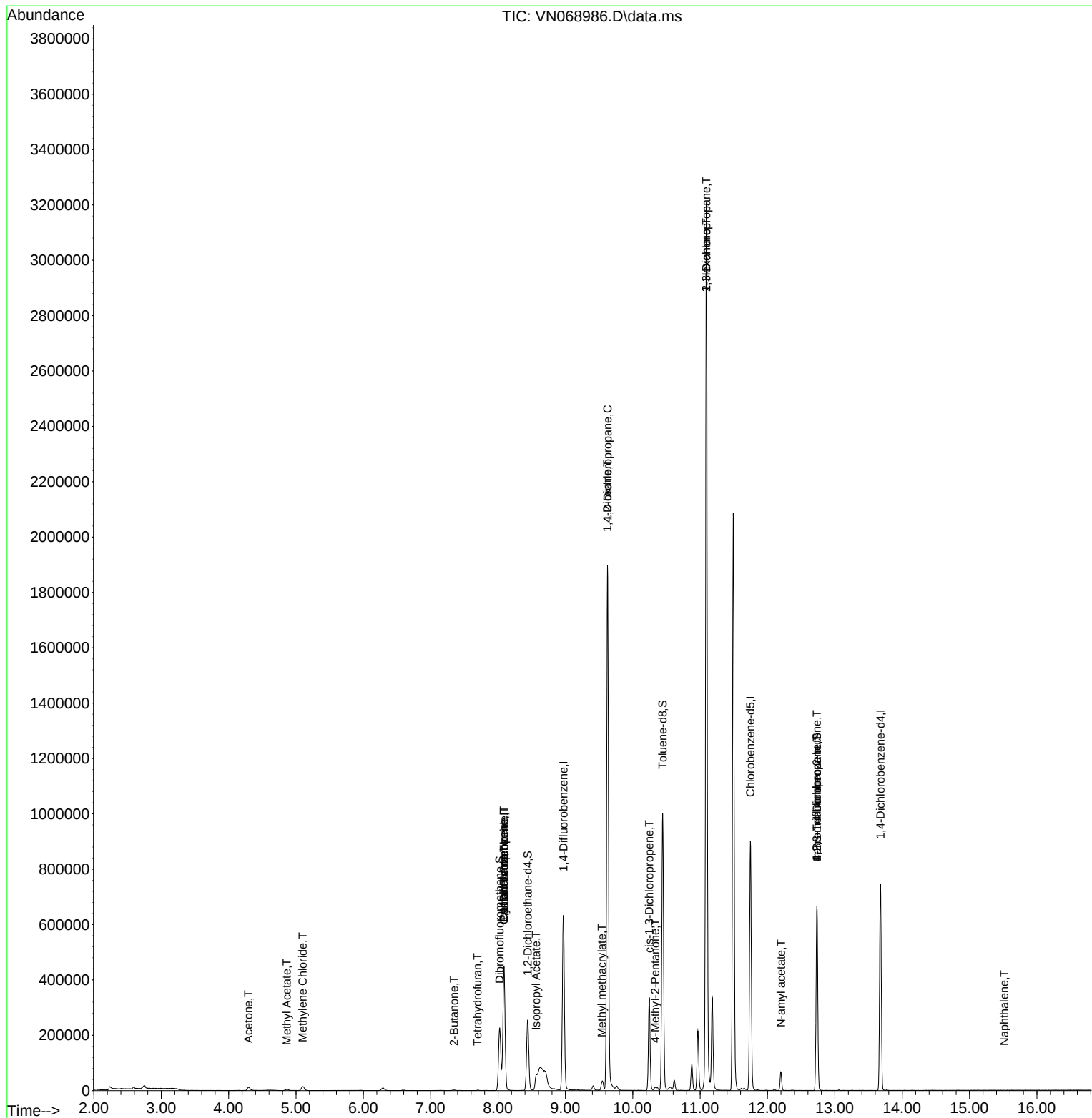
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	331696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	574236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	536364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	200880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	214473	49.041	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.080%
35) Dibromofluoromethane	8.024	113	169947	50.868	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.740%
50) Toluene-d8	10.443	98	717889	53.703	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.400%
62) 4-Bromofluorobenzene	12.733	95	245668	48.710	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.420%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	23008	14.098	ug/l	99
18) Methyl Acetate	4.862	43	10188	1.646	ug/l #	71
20) Methylene Chloride	5.101	84	12296	3.273	ug/l	96
25) 2-Butanone	7.348	43	4646	1.883	ug/l #	87
29) Tetrahydrofuran	7.694	42	1105	0.690	ug/l #	65
31) Cyclohexane	8.088	56	7849	1.154	ug/l #	13
36) 1,1-Dichloropropene	8.088	75	27059	5.517	ug/l #	49
38) Carbon Tetrachloride	8.091	117	35100	6.516	ug/l #	15
43) Isopropyl Acetate	8.566	43	53762	6.015	ug/l #	83
45) 1,2-Dichloropropane	9.625	63	2428	0.626	ug/l #	43
48) Methyl methacrylate	9.542	41	8344	1.987	ug/l #	13
49) 1,4-Dioxane	9.622	88	199	37.978	ug/l #	1
51) 4-Methyl-2-Pentanone	10.333	43	5022	0.969	ug/l #	70
54) cis-1,3-Dichloropropene	10.245	75	63464	9.823	ug/l #	59
57) 1,3-Dichloropropane	11.092	76	34717	5.557	ug/l #	42
59) 2-Hexanone	11.092	43	494174	132.964	ug/l #	50
74) N-amyl acetate	12.200	43	20945	3.306	ug/l #	54
76) 1,2,3-Trichloropropane	12.733	75	129264	30.243	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	129264	72.355	ug/l #	12
95) Naphthalene	15.517	128	200	3.831	ug/l #	69

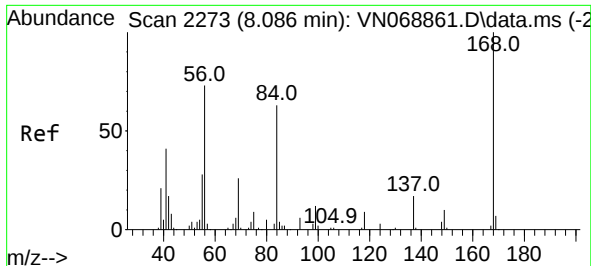
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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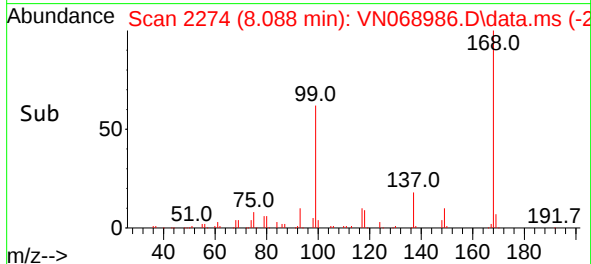
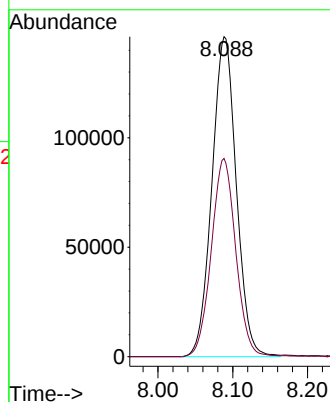
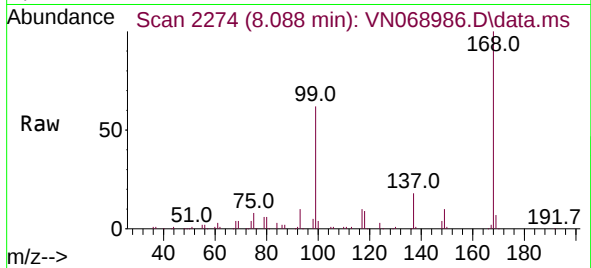




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

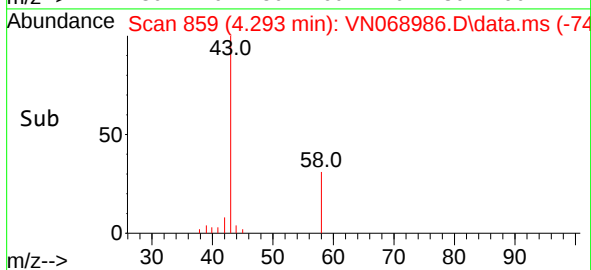
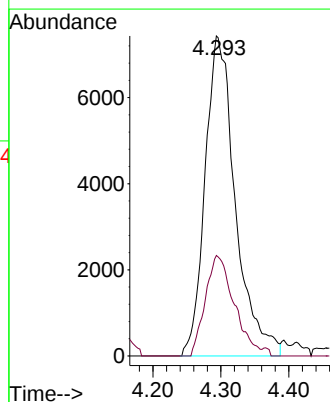
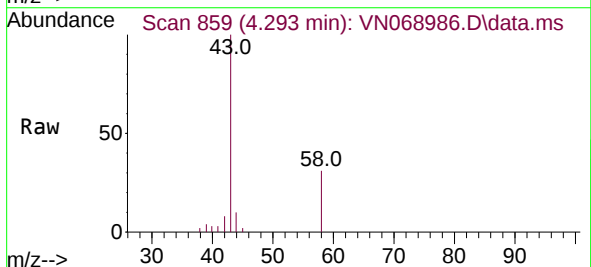
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:168 Resp: 331696
Ion Ratio Lower Upper
168 100
99 62.0 48.9 73.3



#16
Acetone
Concen: 14.098 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

Tgt Ion: 43 Resp: 23008
Ion Ratio Lower Upper
43 100
58 31.4 24.5 36.7

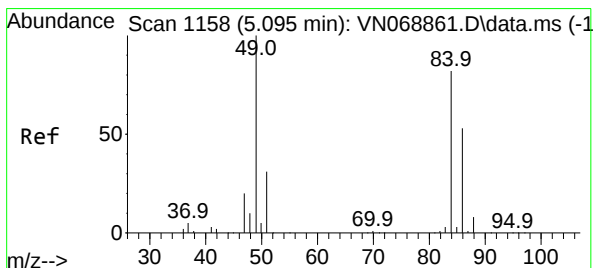
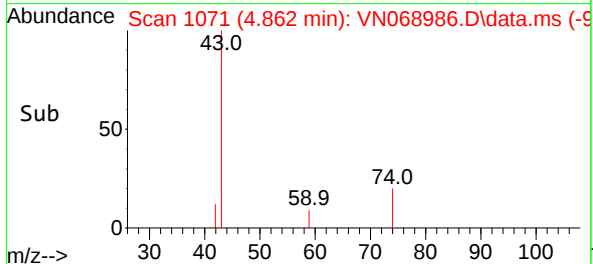
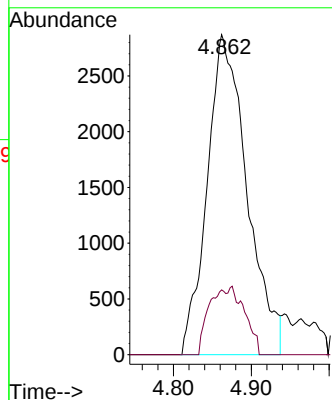
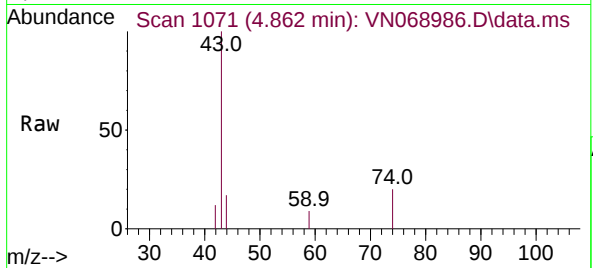




#18
Methyl Acetate
Concen: 1.646 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.008 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

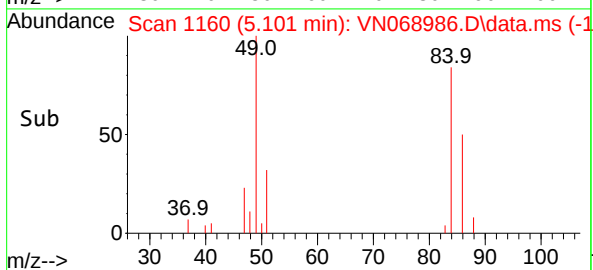
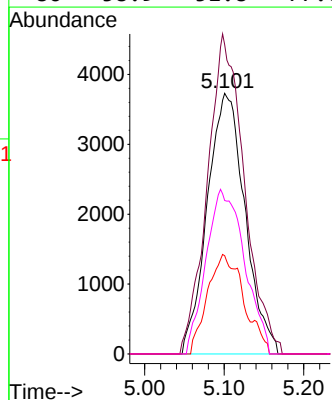
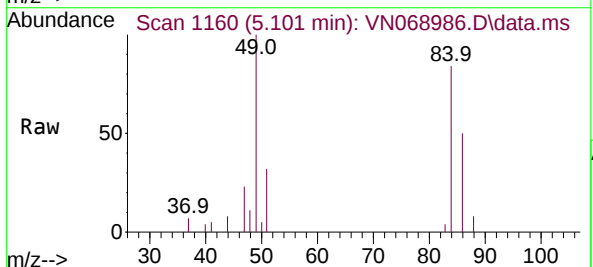
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 43 Resp: 10188
Ion Ratio Lower Upper
43 100
74 9.3 18.9 28.3#



#20
Methylene Chloride
Concen: 3.273 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.005 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

Tgt Ion: 84 Resp: 12296
Ion Ratio Lower Upper
84 100
49 118.7 97.6 146.4
51 37.7 30.3 45.5
86 58.9 51.8 77.6

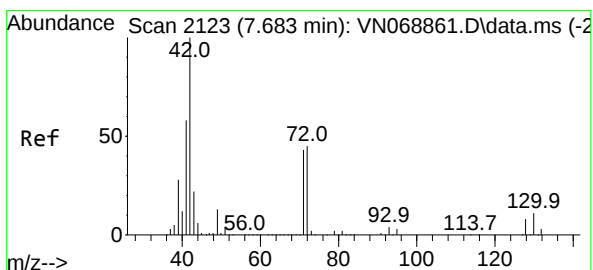
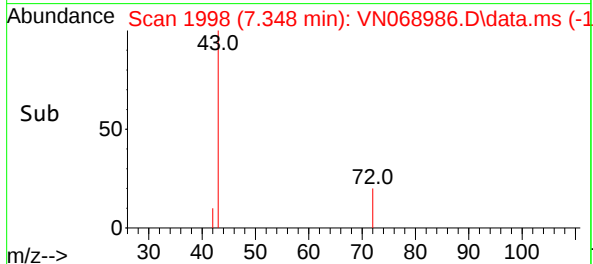
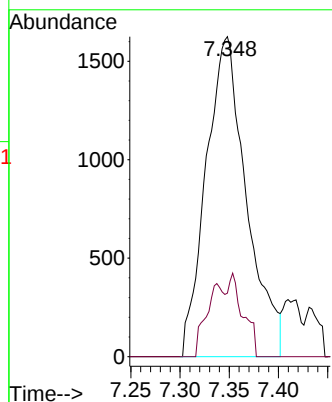
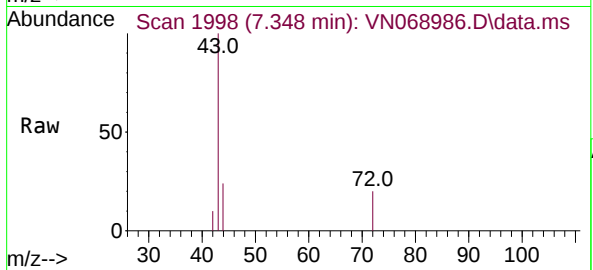




#25
2-Butanone
Concen: 1.883 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.016 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

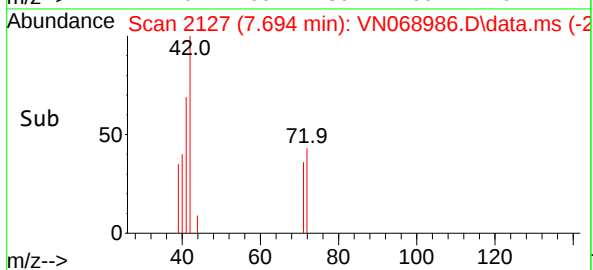
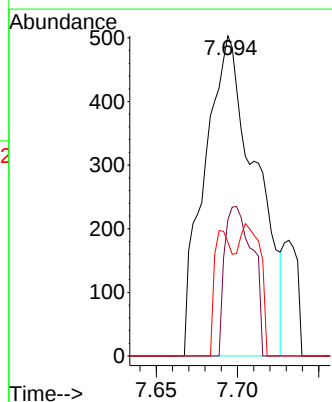
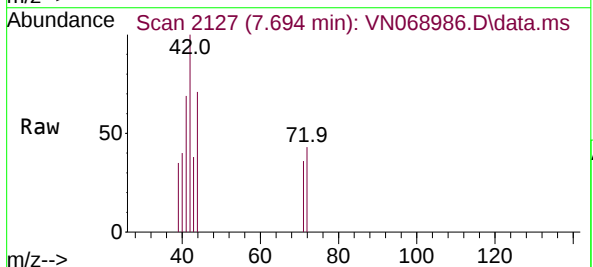
Instrument :
MSVOA_N
ClientSampled :

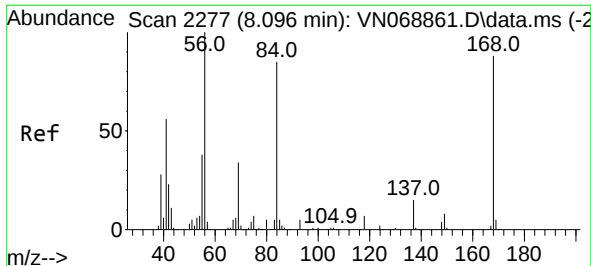
Tgt Ion: 43 Resp: 4646
Ion Ratio Lower Upper
43 100
72 19.8 21.2 31.8#



#29
Tetrahydrofuran
Concen: 0.690 ug/l
RT: 7.694 min Scan# 2127
Delta R.T. 0.011 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

Tgt Ion: 42 Resp: 1105
Ion Ratio Lower Upper
42 100
72 25.2 35.4 53.2#
71 16.3 33.8 50.6#

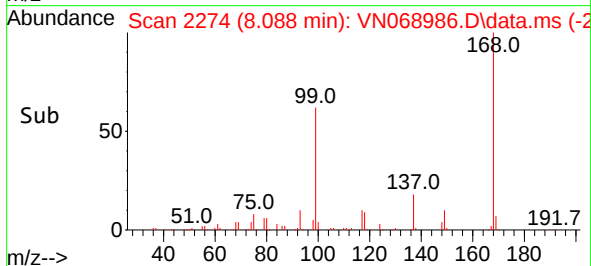
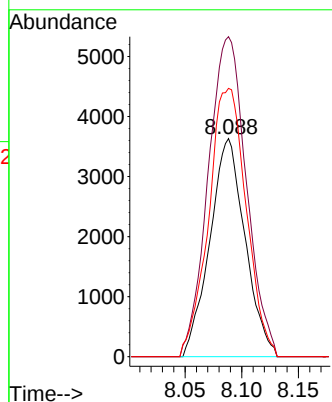
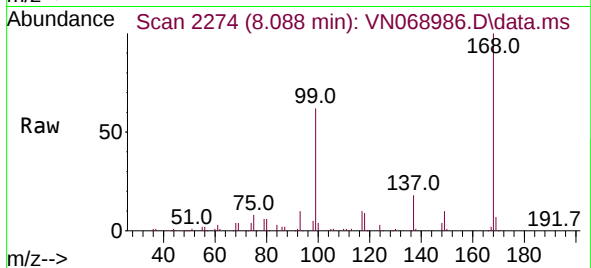




#31
Cyclohexane
Concen: 1.154 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

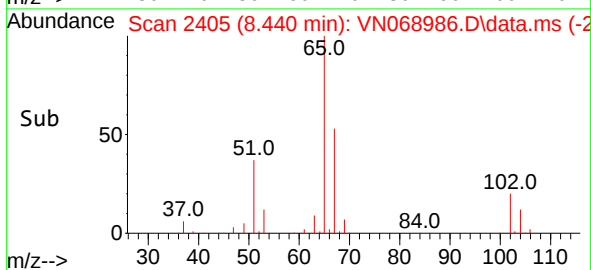
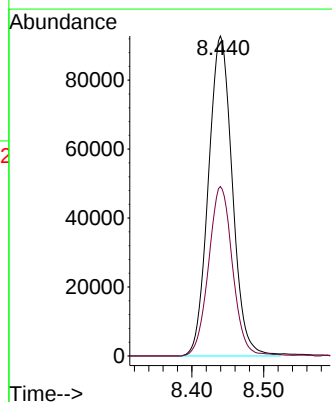
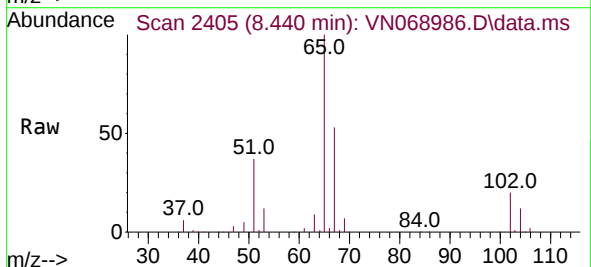
Instrument :
MSVOA_N
ClientSampled :

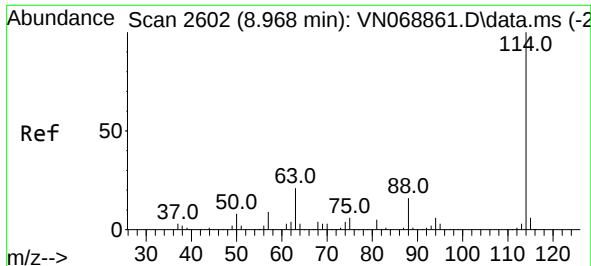
Tgt Ion: 56 Resp: 7849
Ion Ratio Lower Upper
56 100
69 146.7 26.9 40.3#
84 123.0 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 49.041 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

Tgt Ion: 65 Resp: 214473
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.8

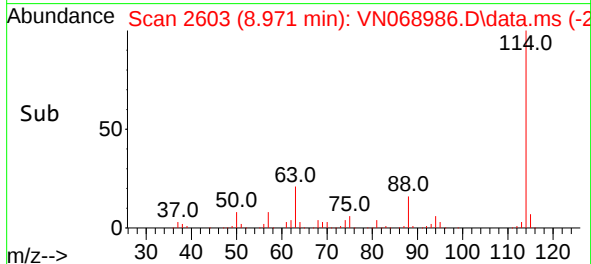
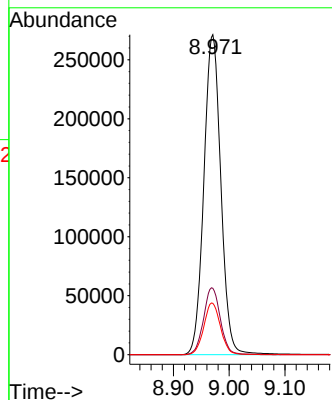
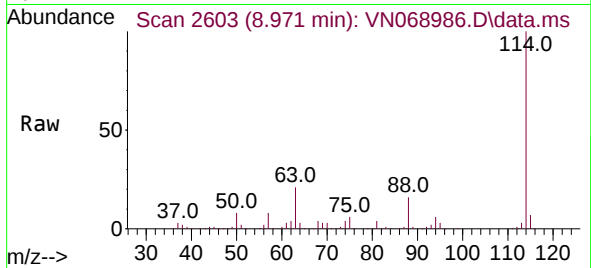




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

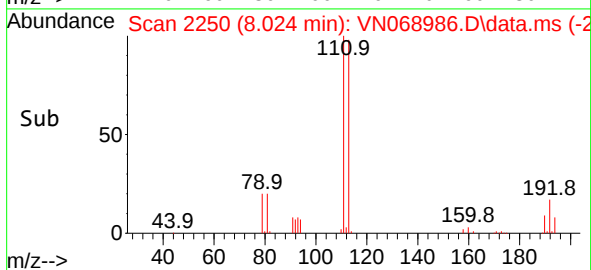
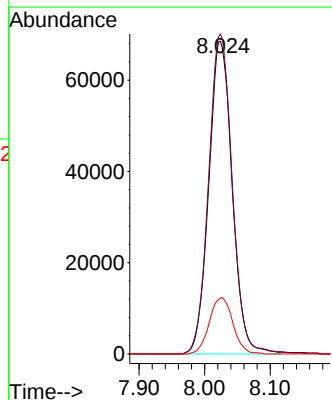
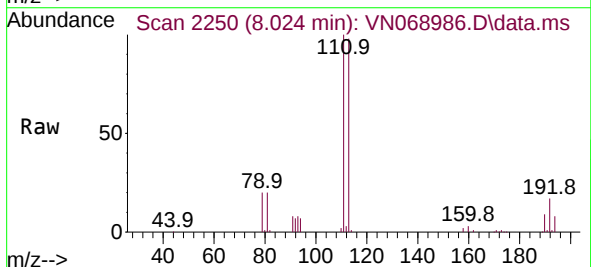
Instrument :
MSVOA_N
ClientSampled :

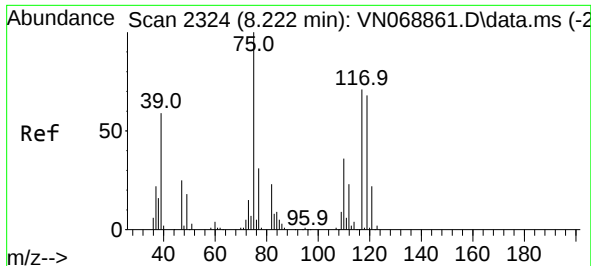
Tgt Ion:114 Resp: 574236
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 16.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.868 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

Tgt Ion:113 Resp: 169947
Ion Ratio Lower Upper
113 100
111 103.4 83.2 124.8
192 18.1 15.0 22.4

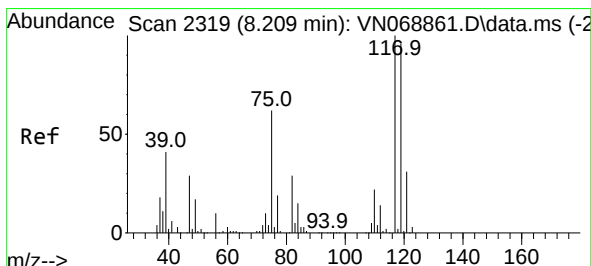
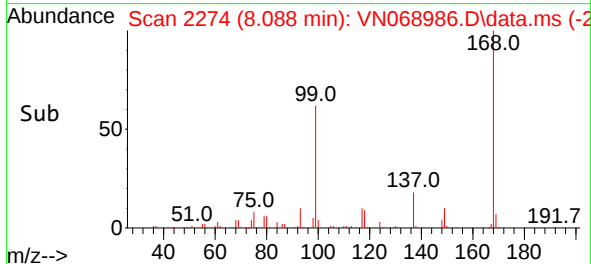
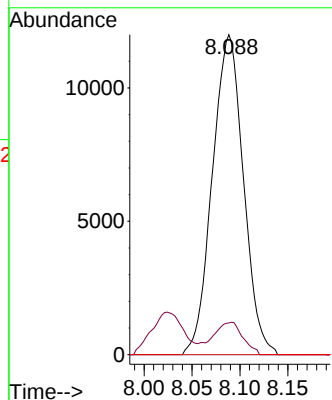
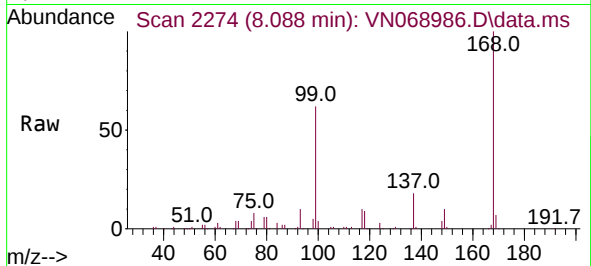




#36
1,1-Dichloropropene
Concen: 5.517 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

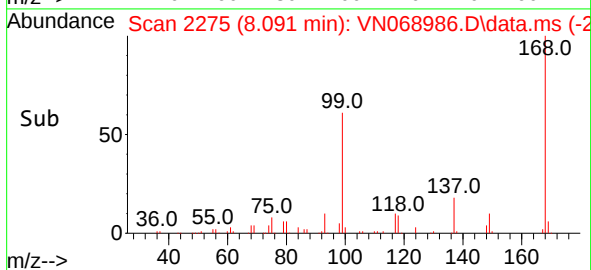
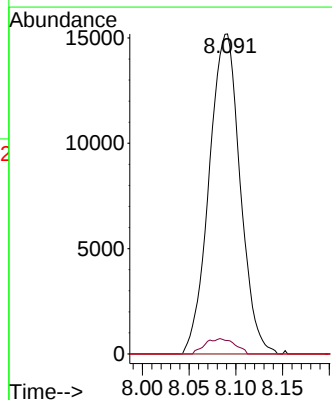
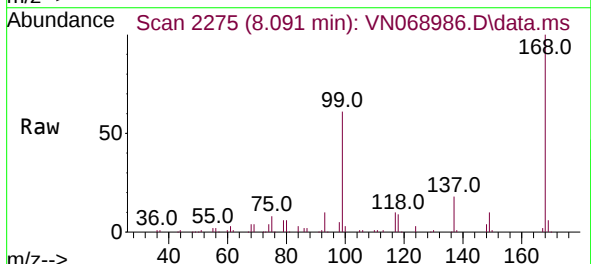
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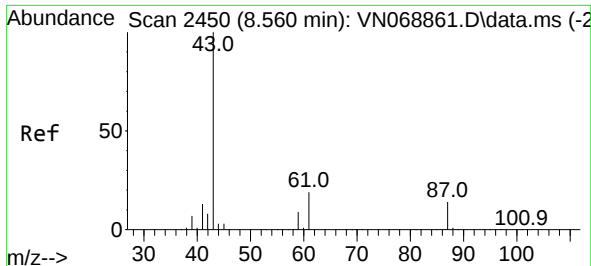
Tgt Ion: 75 Resp: 27059
Ion Ratio Lower Upper
75 100
110 9.1 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.516 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.118 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

Tgt Ion: 117 Resp: 35100
Ion Ratio Lower Upper
117 100
119 4.2 76.9 115.3#
121 0.0 24.6 37.0#

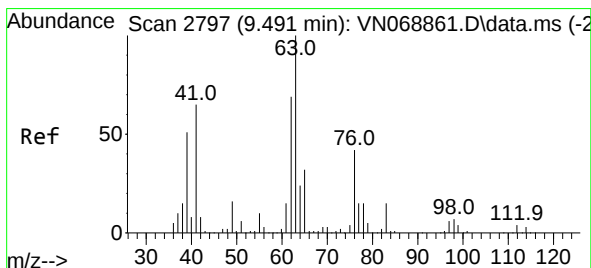
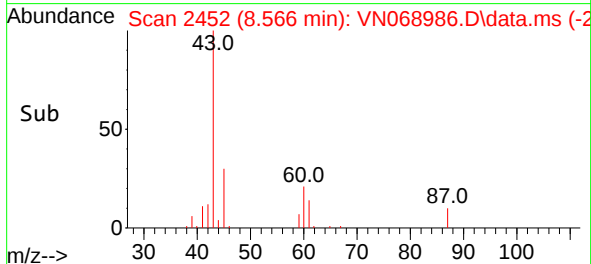
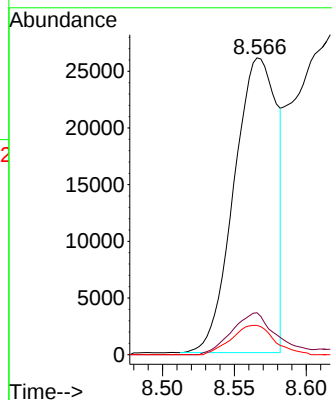
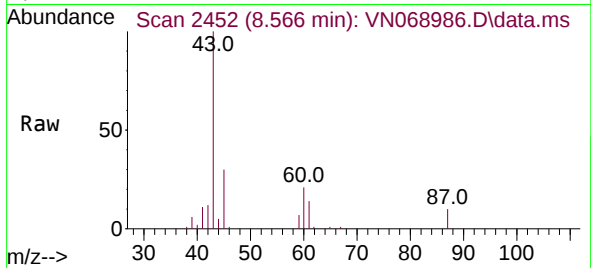




#43
Isopropyl Acetate
Concen: 6.015 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.005 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

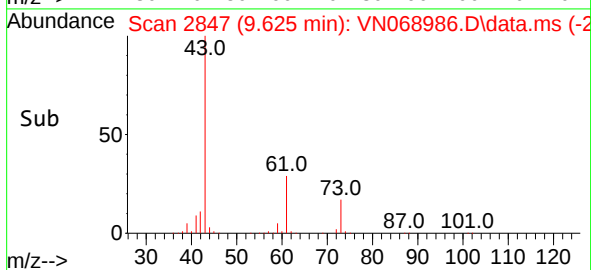
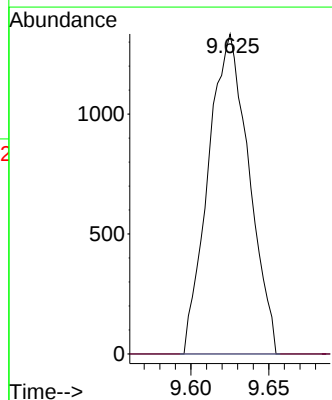
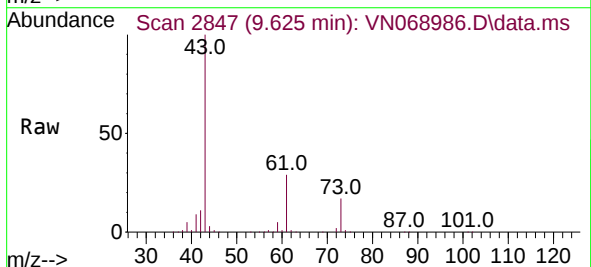
Instrument :
MSVOA_N
ClientSampled :

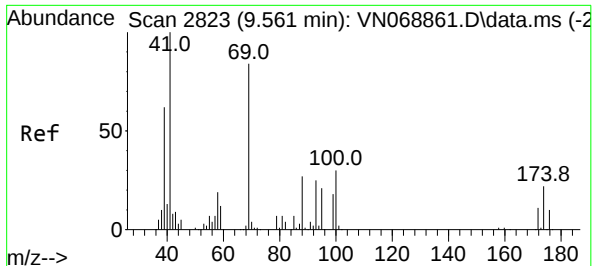
Tgt Ion: 43 Resp: 53762
Ion Ratio Lower Upper
43 100
61 14.8 20.4 30.6#
87 9.9 10.7 16.1#



#45
1,2-Dichloropropane
Concen: 0.626 ug/l
RT: 9.625 min Scan# 2847
Delta R.T. 0.134 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

Tgt Ion: 63 Resp: 2428
Ion Ratio Lower Upper
63 100
65 0.0 25.6 38.4#

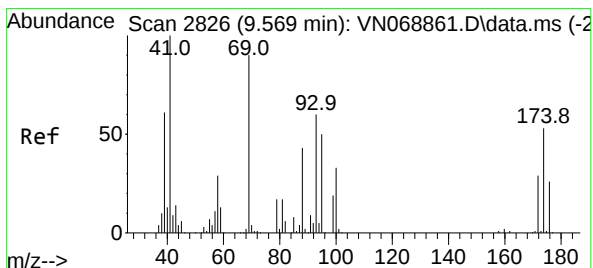
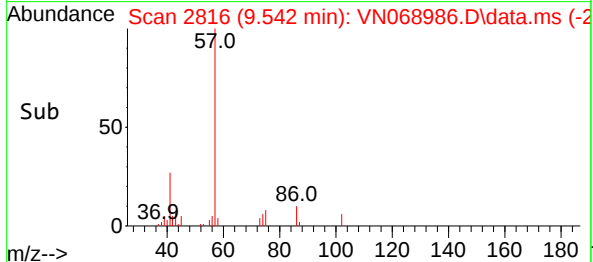
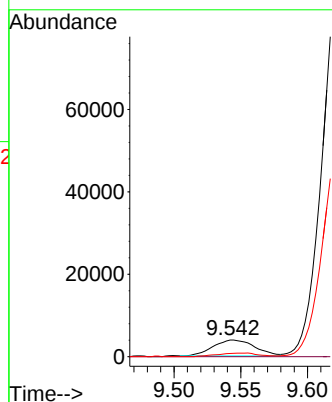
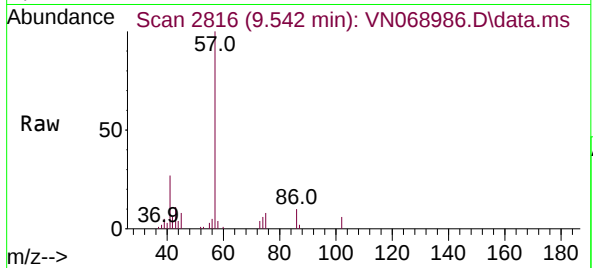




#48
Methyl methacrylate
Concen: 1.987 ug/l
RT: 9.542 min Scan# 2816
Delta R.T. -0.019 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

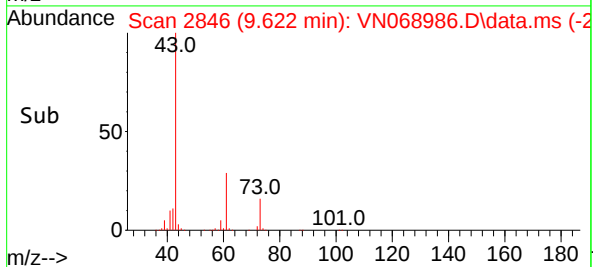
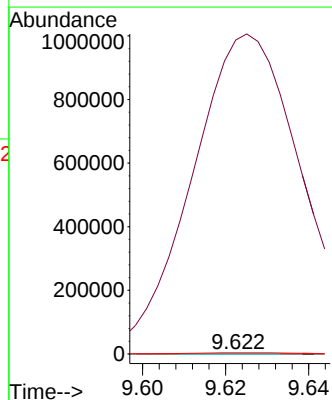
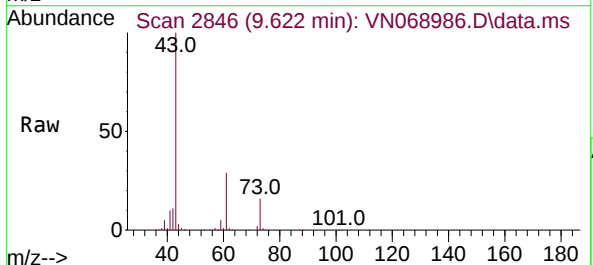
Instrument :
MSVOA_N
ClientSampled :

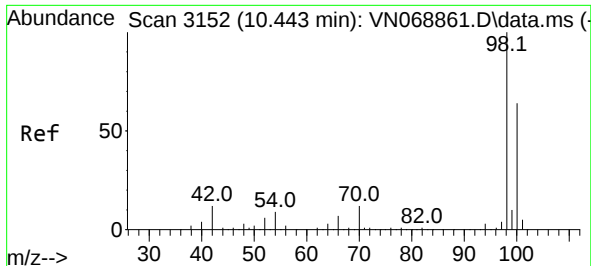
Tgt Ion: 41 Resp: 8344
Ion Ratio Lower Upper
41 100
69 0.0 66.4 99.6#
39 0.0 50.2 75.2#



#49
1,4-Dioxane
Concen: 37.978 ug/l
RT: 9.622 min Scan# 2846
Delta R.T. 0.053 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

Tgt Ion: 88 Resp: 199
Ion Ratio Lower Upper
88 100
43 967532.7 24.9 37.3#
58 3575.4 56.9 85.3#

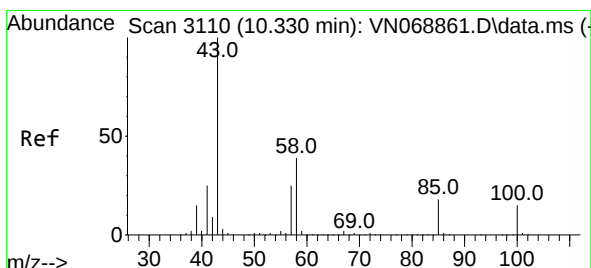
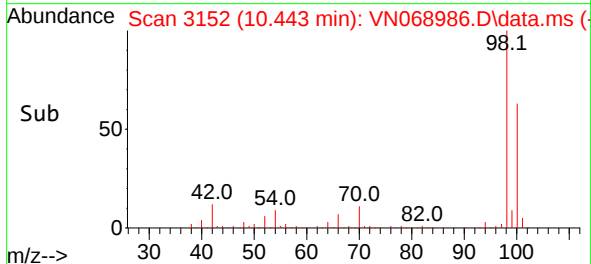
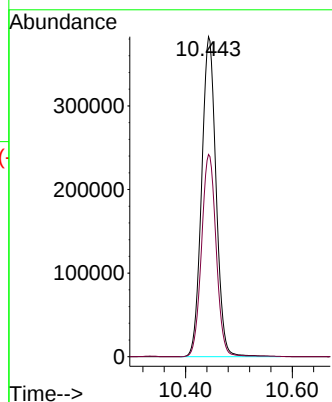
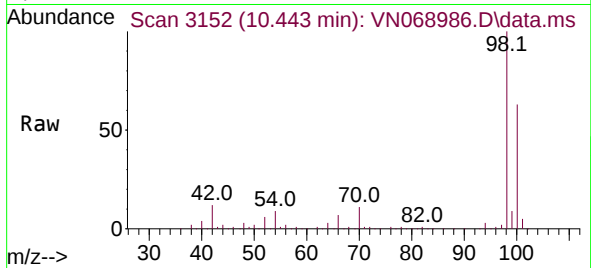




#50
Toluene-d8
Concen: 53.703 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

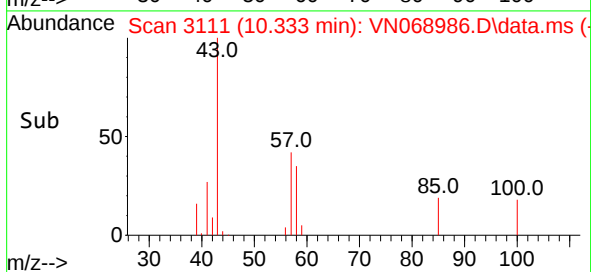
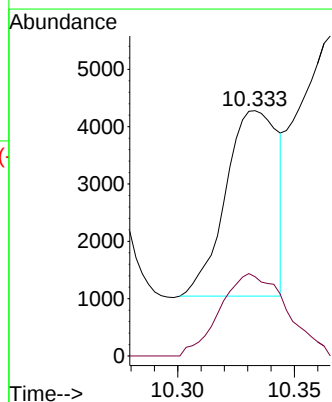
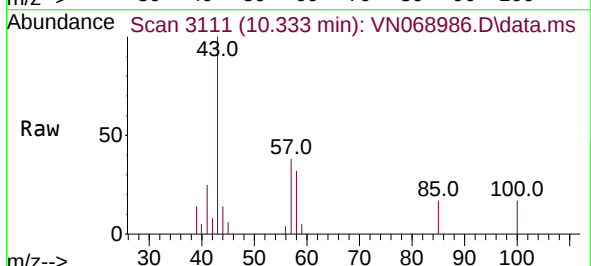
Instrument :
MSVOA_N
ClientSampled :

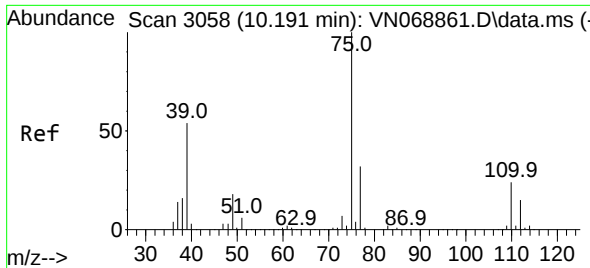
Tgt Ion: 98 Resp: 717889
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.969 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

Tgt Ion: 43 Resp: 5022
Ion Ratio Lower Upper
43 100
58 56.8 31.0 46.4#

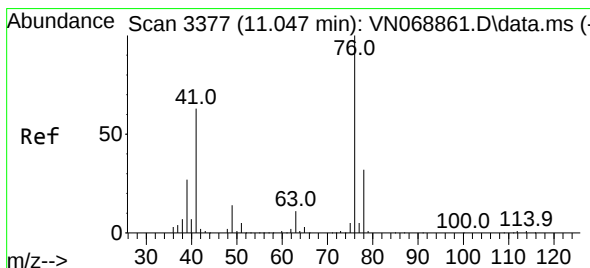
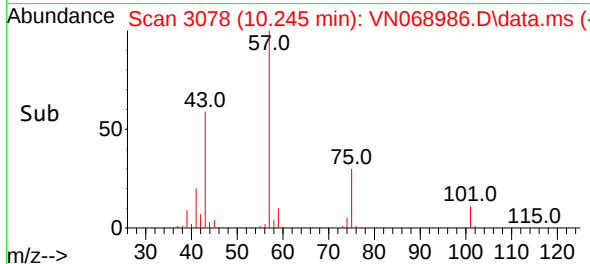
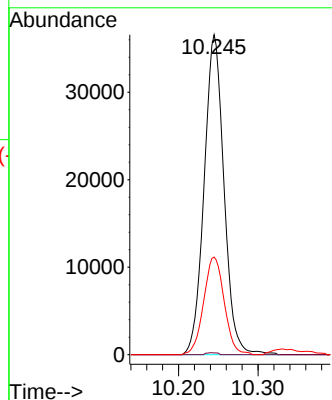
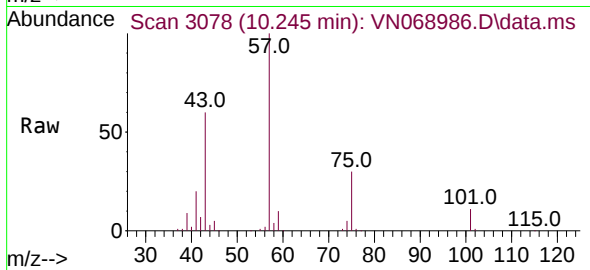




#54
cis-1,3-Dichloropropene
Concen: 9.823 ug/l
RT: 10.245 min Scan# 3078
Delta R.T. 0.054 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

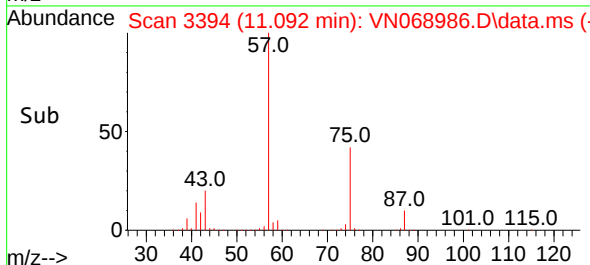
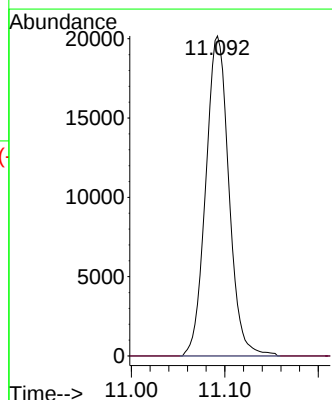
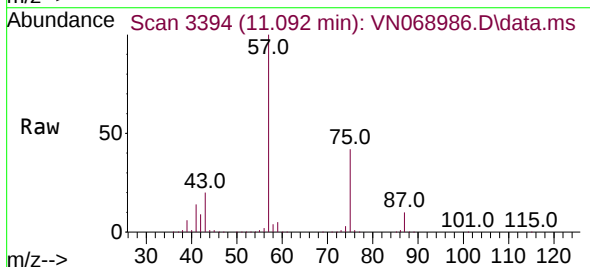
Instrument :
MSVOA_N
ClientSampled :

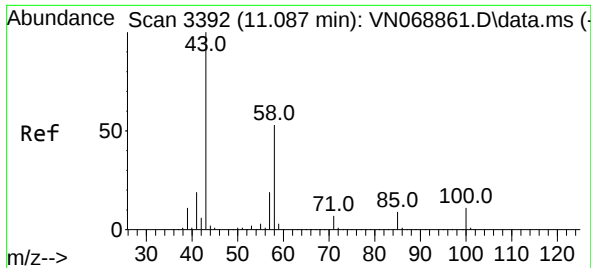
Tgt Ion:	75	Resp:	63464
Ion Ratio	Lower	Upper	
75	100		
77	0.6	25.6	38.4#
39	30.5	42.9	64.3#



#57
1,3-Dichloropropane
Concen: 5.557 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.046 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

Tgt Ion:	76	Resp:	34717
Ion Ratio	Lower	Upper	
76	100		
78	0.0	25.8	38.8#

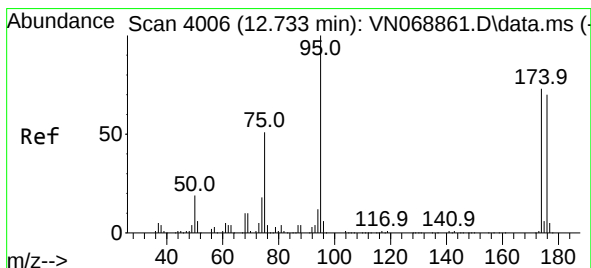
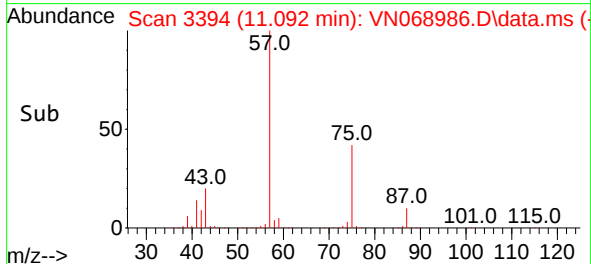
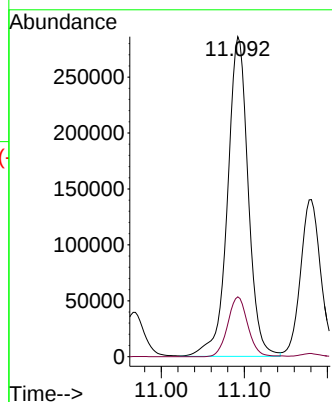
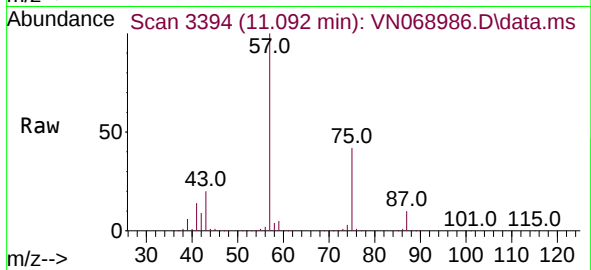




#59
2-Hexanone
Concen: 132.964 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

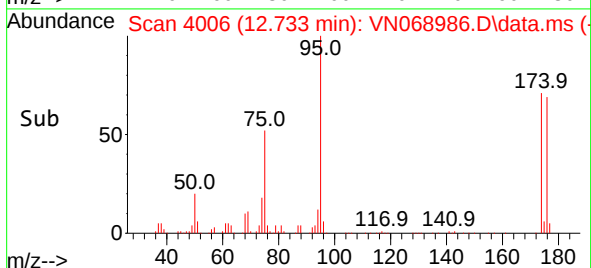
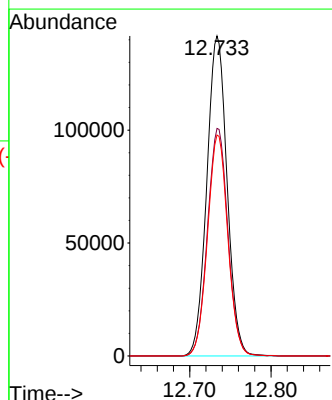
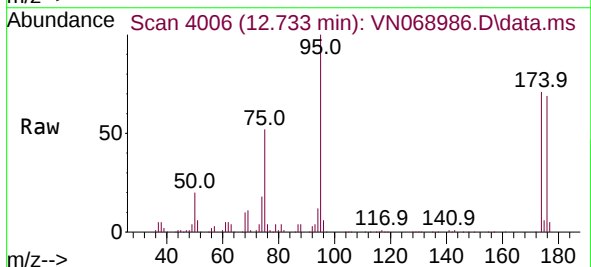
Instrument :
MSVOA_N
ClientSampled :

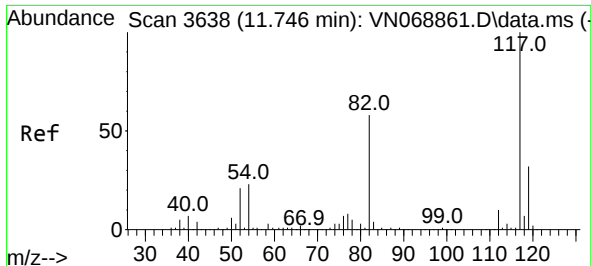
Tgt Ion: 43 Resp: 494174
Ion Ratio Lower Upper
43 100
58 18.2 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 48.710 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

Tgt Ion: 95 Resp: 245668
Ion Ratio Lower Upper
95 100
174 71.7 0.0 144.8
176 69.0 0.0 140.0

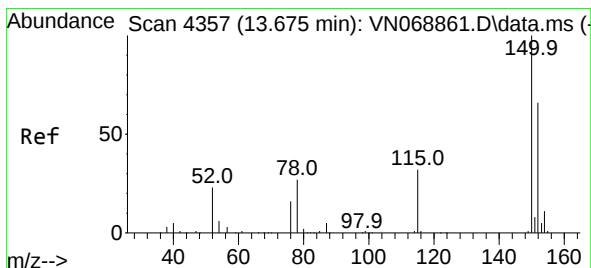
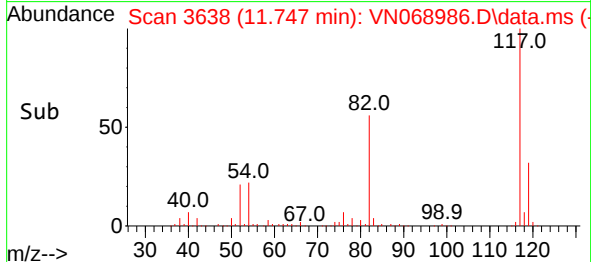
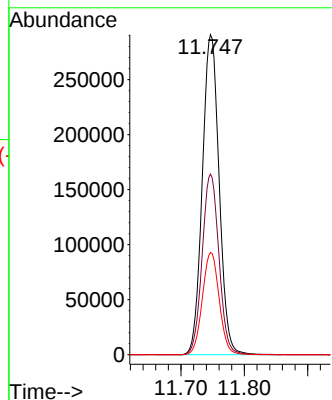
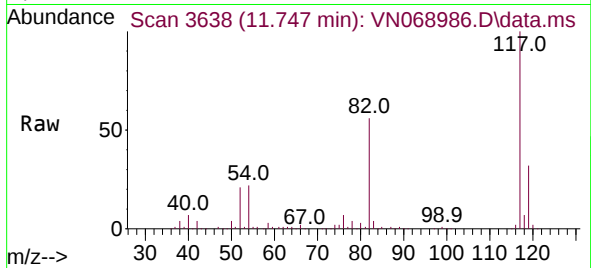




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

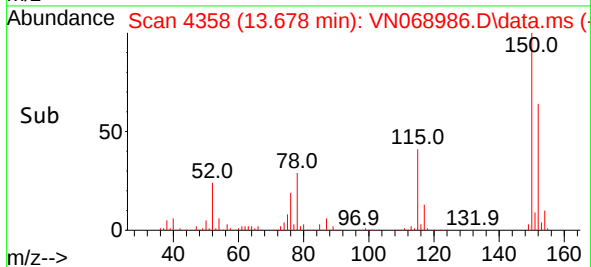
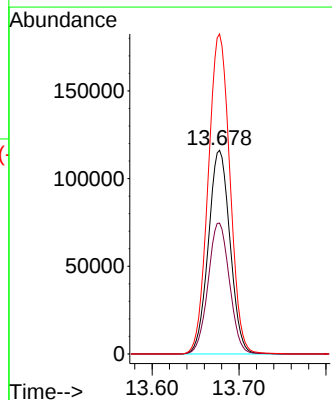
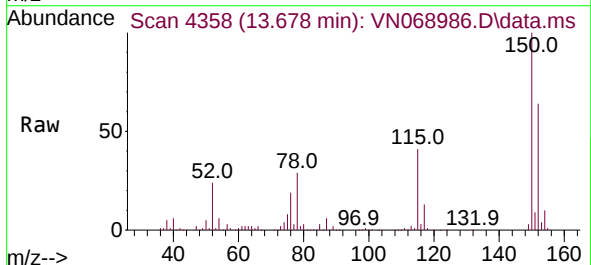
Instrument :
MSVOA_N
ClientSampled :

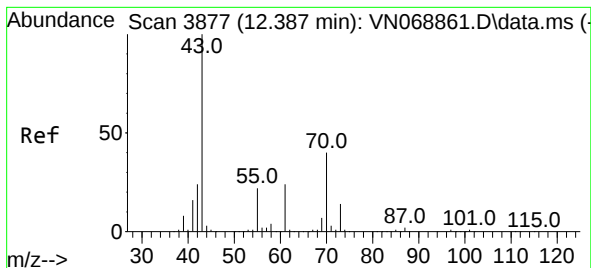
Tgt Ion:117 Resp: 536364
Ion Ratio Lower Upper
117 100
82 56.5 46.4 69.6
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

Tgt Ion:152 Resp: 200880
Ion Ratio Lower Upper
152 100
115 63.6 31.4 94.3
150 157.7 0.0 351.0

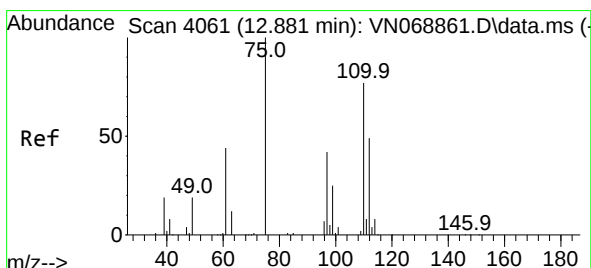
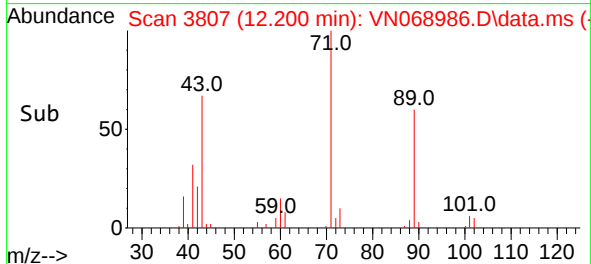
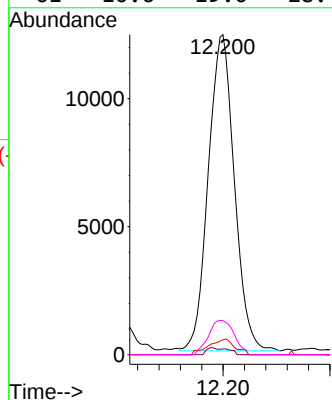
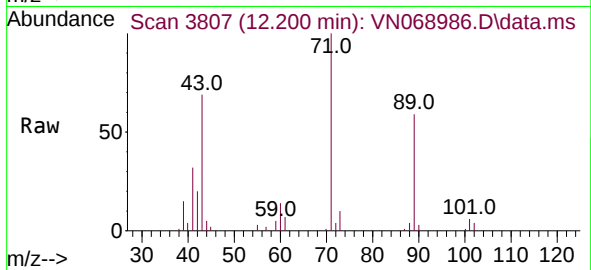




#74
N-amy1 acetate
Concen: 3.306 ug/l
RT: 12.200 min Scan# 3807
Delta R.T. -0.188 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

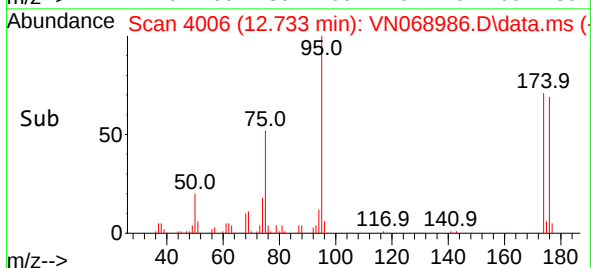
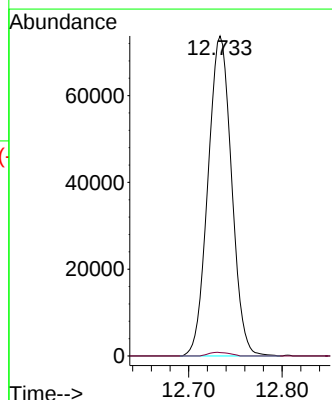
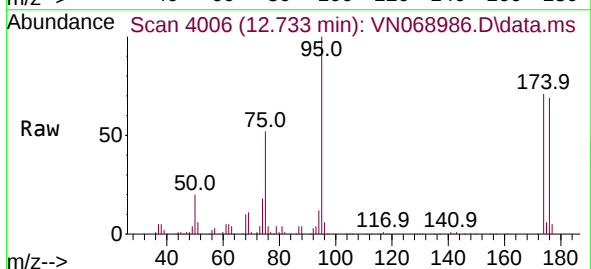
Instrument :
MSVOA_N
ClientSampled :

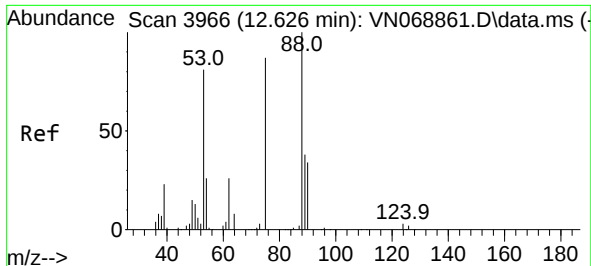
Tgt Ion:	43	Resp:	20945
Ion Ratio	Lower	Upper	
43	100		
70	1.0	32.2	48.2#
55	5.0	18.0	27.0#
61	10.6	19.0	28.4#



#76
1,2,3-Trichloropropane
Concen: 30.243 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

Tgt Ion:	75	Resp:	129264
Ion Ratio	Lower	Upper	
75	100		
77	1.0	96.2	288.4#

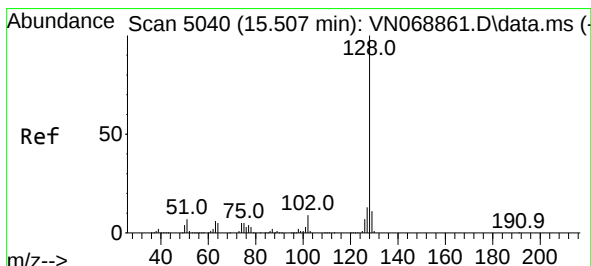
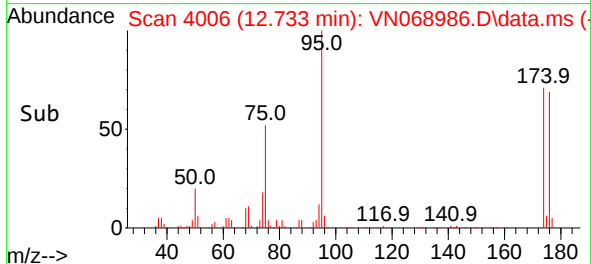
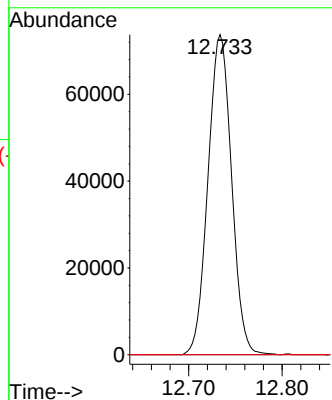
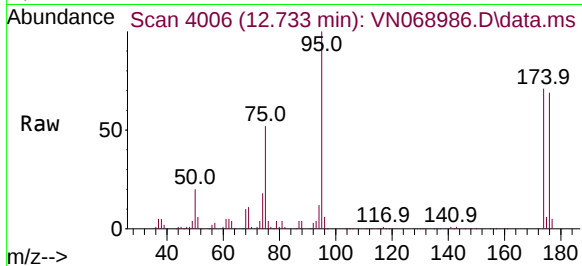




#81
trans-1,4-Dichloro-2-butene
Concen: 72.355 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 129264
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 3.831 ug/l
RT: 15.517 min Scan# 5044
Delta R.T. 0.010 min
Lab File: VN068986.D
Acq: 18 Oct 2021 18:05

Tgt Ion:128 Resp: 200
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

