

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081121\
 Data File : VN068079.D
 Acq On : 11 Aug 2021 18:41
 Operator : JC/MD
 Sample : M3360-05 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 12 07:13:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

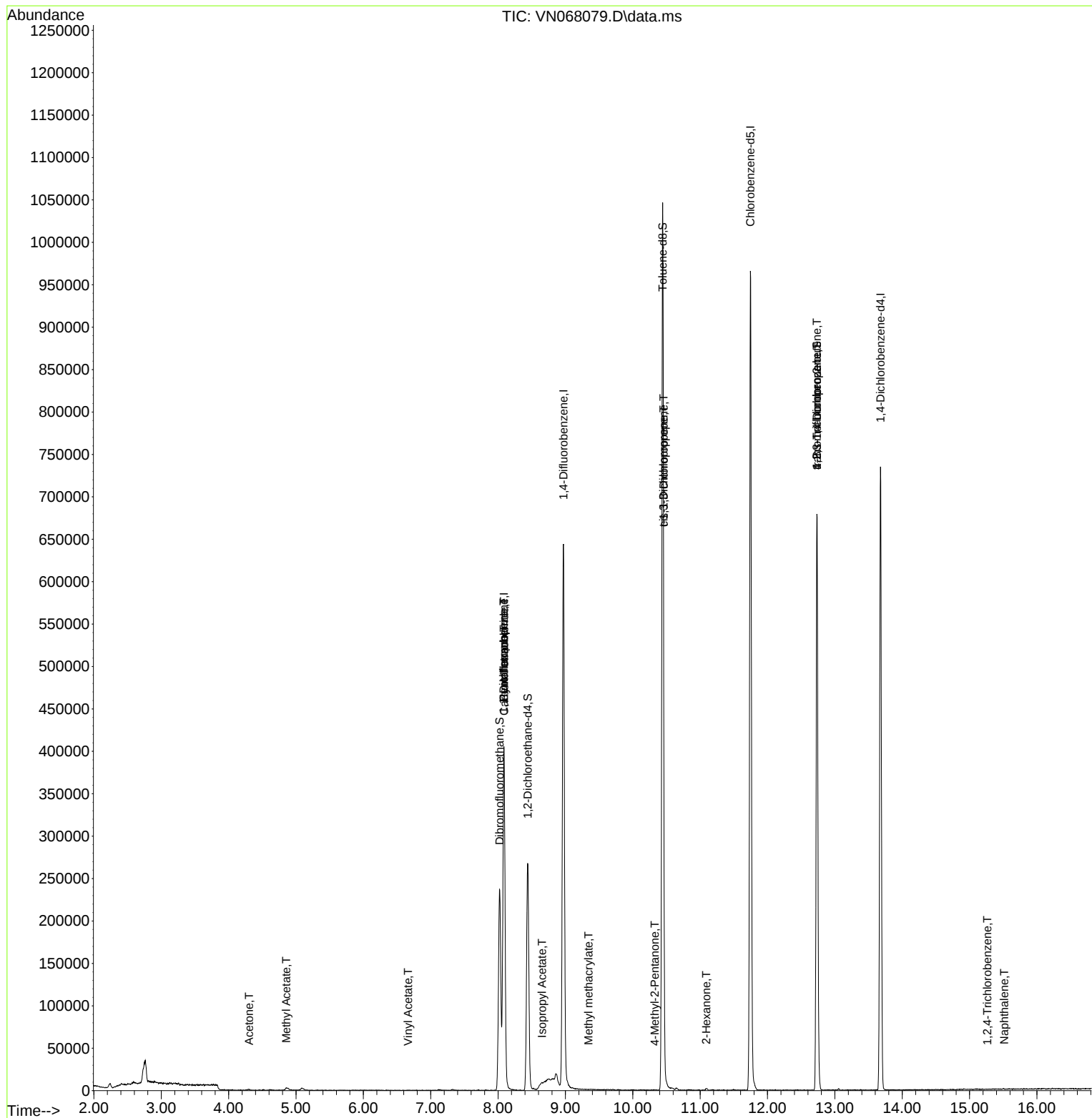
Internal Standards						
1) Pentafluorobenzene	8.086	168	291547	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	572176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	567834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	191882	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	233195	56.50	ug/l	0.00
Spiked Amount 50.000	Range 61	- 141	Recovery	=	113.00%	
35) Dibromofluoromethane	8.021	113	175214	52.54	ug/l	0.00
Spiked Amount 50.000	Range 69	- 133	Recovery	=	105.08%	
50) Toluene-d8	10.443	98	739353	48.19	ug/l	0.00
Spiked Amount 50.000	Range 65	- 126	Recovery	=	96.38%	
62) 4-Bromofluorobenzene	12.733	95	239768	43.31	ug/l	0.00
Spiked Amount 50.000	Range 58	- 135	Recovery	=	86.62%	
Target Compounds						
						Qvalue
16) Acetone	4.304	43	608	0.40	ug/l	# 62
18) Methyl Acetate	4.854	43	2171	0.50	ug/l	# 73
23) Vinyl Acetate	6.664	43	25	8.80	ug/l	# 75
31) Cyclohexane	8.086	56	7371	1.21	ug/l	# 39
36) 1,1-Dichloropropene	8.083	75	25342	4.79	ug/l	# 52
38) Carbon Tetrachloride	8.091	117	31502	6.05	ug/l	# 17
43) Isopropyl Acetate	8.652	43	8883	1.07	ug/l	# 58
48) Methyl methacrylate	9.344	41	53	2.32	ug/l	# 12
51) 4-Methyl-2-Pentanone	10.325	43	212	12.60	ug/l	# 39
53) t-1,3-Dichloropropene	10.457	75	79	2.84	ug/l	# 65
54) cis-1,3-Dichloropropene	10.457	75	79	2.37	ug/l	# 43
59) 2-Hexanone	11.089	43	607	13.42	ug/l	# 28
76) 1,2,3-Trichloropropane	12.733	75	132256	34.32	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.733	75	132256	91.97	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.265	180	24	2.47	ug/l	# 12
95) Naphthalene	15.515	128	376	3.16	ug/l	# 69

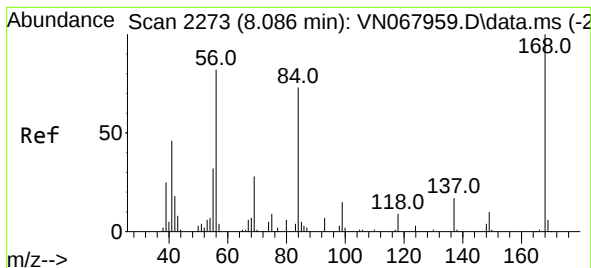
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 29 15:02:35 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.000 min

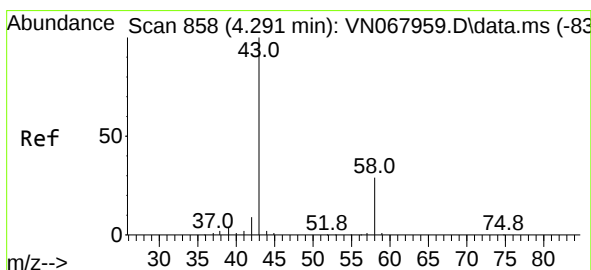
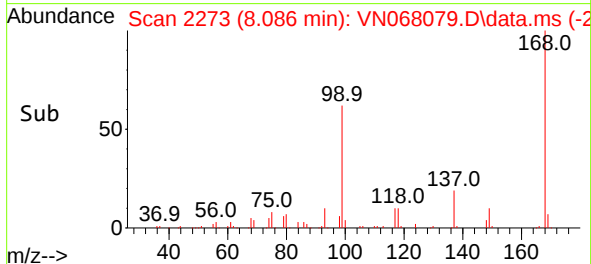
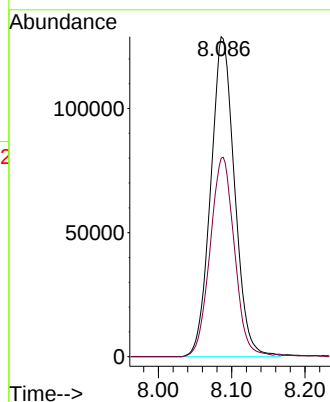
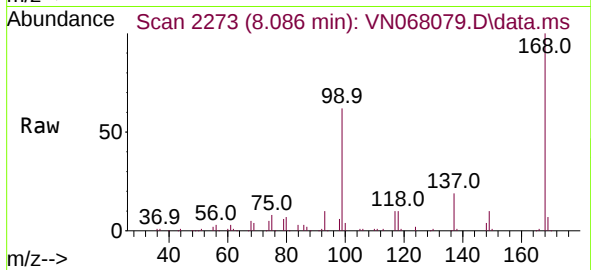
Lab File: VN068079.D

Acq: 11 Aug 2021 18:41

Tgt Ion:168 Resp: 291547

Ion Ratio Lower Upper

168 100
99 62.0 62.9 94.3#



#16

Acetone

Concen: 0.40 ug/l

RT: 4.304 min Scan# 863

Delta R.T. 0.013 min

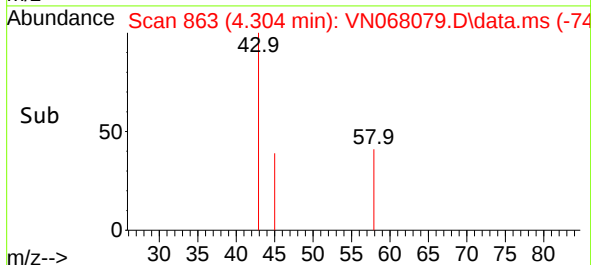
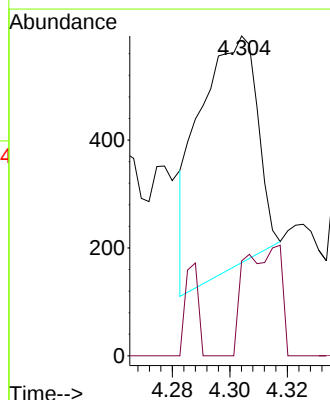
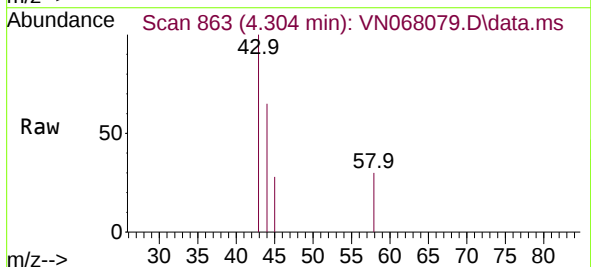
Lab File: VN068079.D

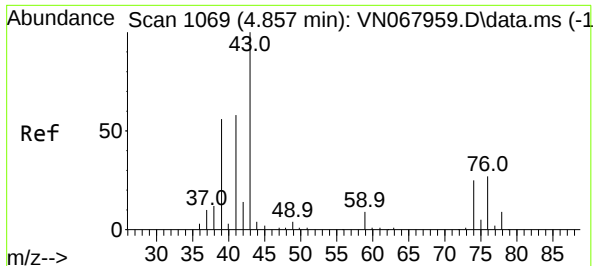
Acq: 11 Aug 2021 18:41

Tgt Ion: 43 Resp: 608

Ion Ratio Lower Upper

43 100
58 46.2 21.2 31.8#





#18

Methyl Acetate

Concen: 0.50 ug/l

RT: 4.854 min Scan# 1068

Delta R.T. -0.003 min

Lab File: VN068079.D

Acq: 11 Aug 2021 18:41

Tgt Ion: 43 Resp: 2171

Ion Ratio Lower Upper

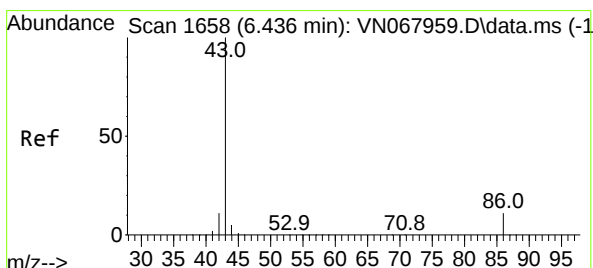
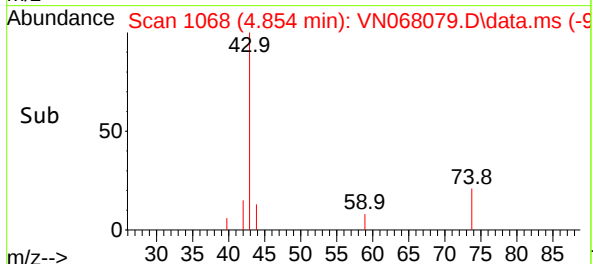
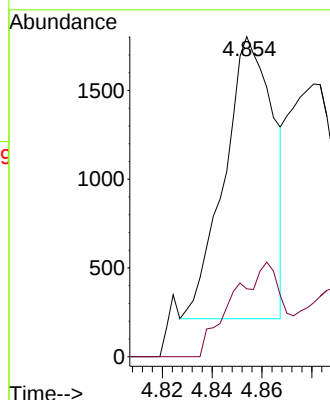
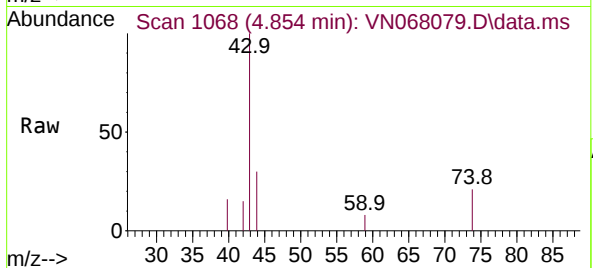
43 100

74 34.5 17.4 26.0#

Instrument :

MSVOA_N

ClientSampleId :



#23

Vinyl Acetate

Concen: 8.80 ug/l

RT: 6.664 min Scan# 1743

Delta R.T. 0.228 min

Lab File: VN068079.D

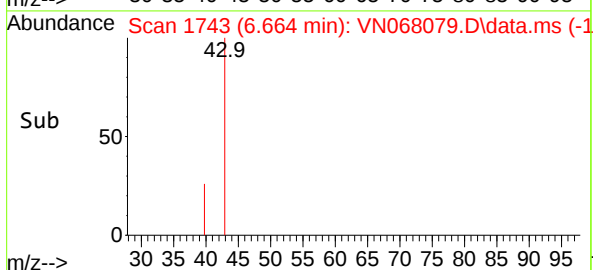
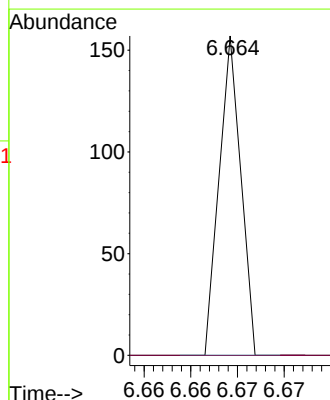
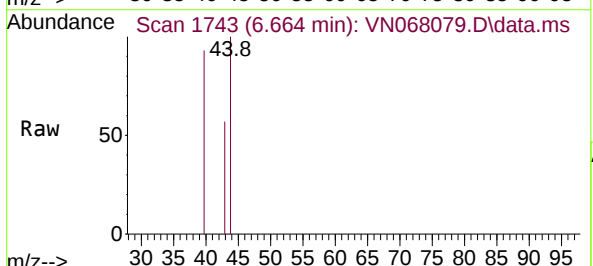
Acq: 11 Aug 2021 18:41

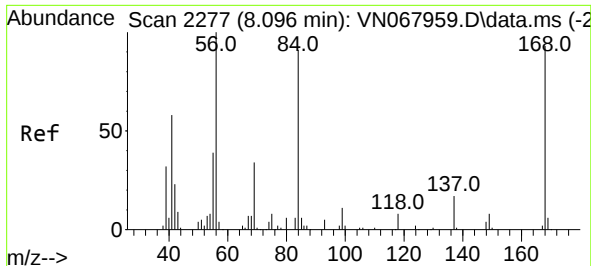
Tgt Ion: 43 Resp: 25

Ion Ratio Lower Upper

43 100

86 0.0 7.3 10.9#

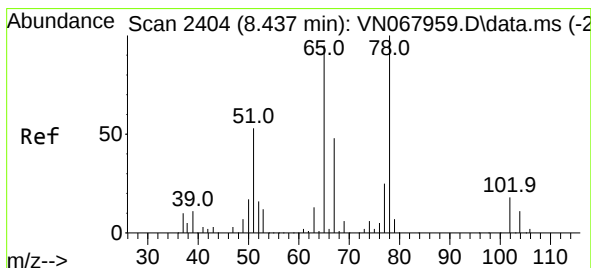
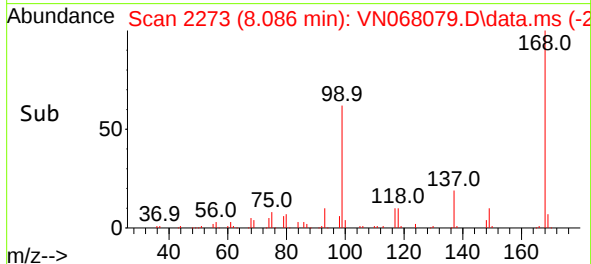
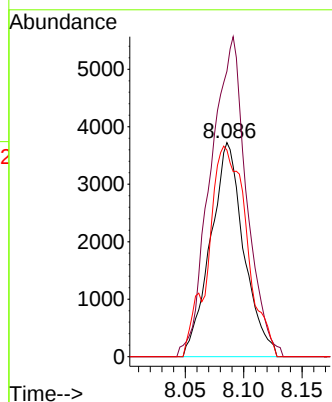
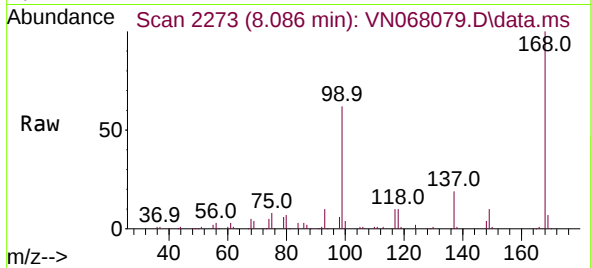




#31
Cyclohexane
Concen: 1.21 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

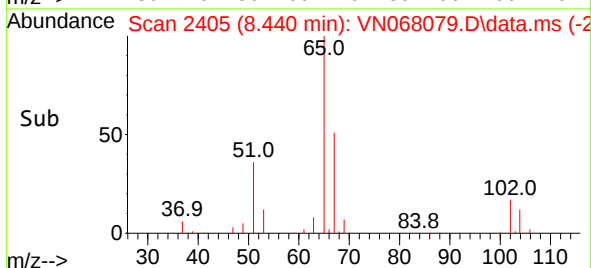
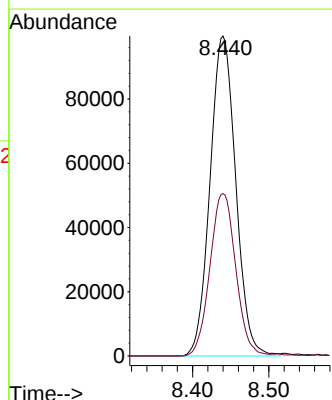
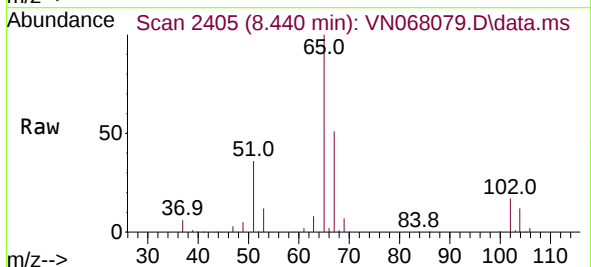
Instrument :
MSVOA_N
ClientSampled :

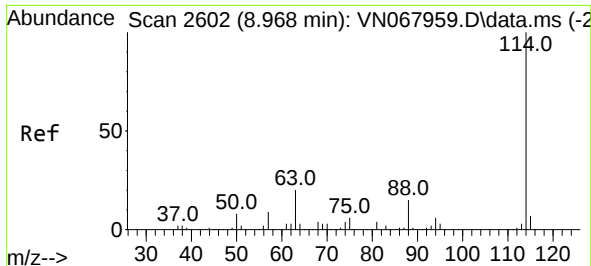
Tgt Ion: 56 Resp: 7371
Ion Ratio Lower Upper
56 100
69 129.1 27.3 40.9#
84 96.5 64.9 97.3



#33
1,2-Dichloroethane-d4
Concen: 56.50 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

Tgt Ion: 65 Resp: 233195
Ion Ratio Lower Upper
65 100
67 50.9 0.0 98.6

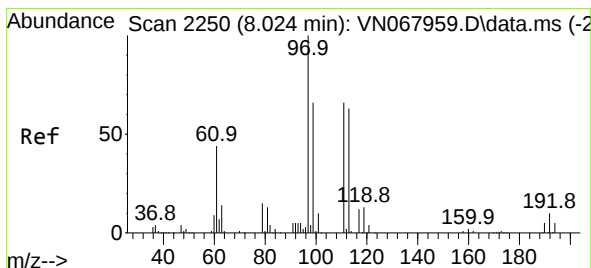
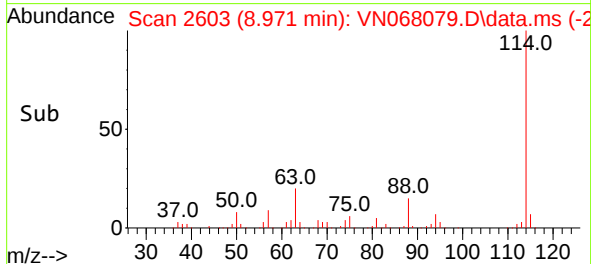
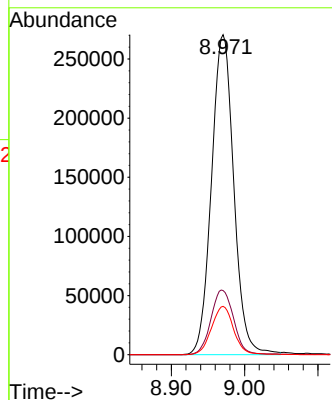
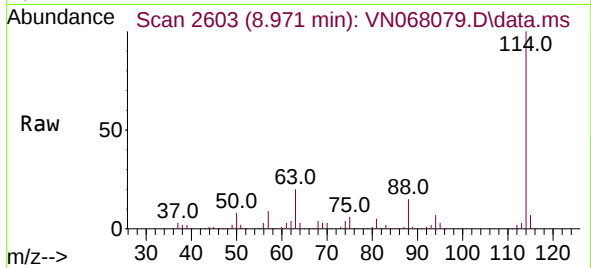




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

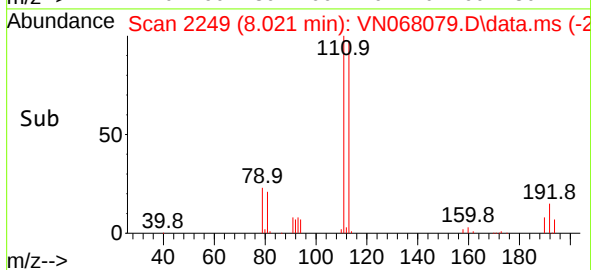
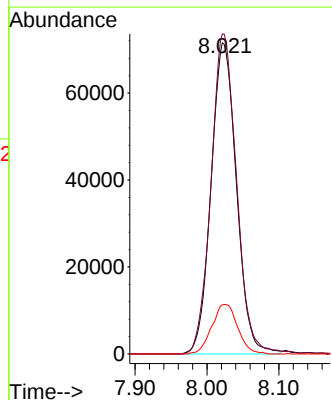
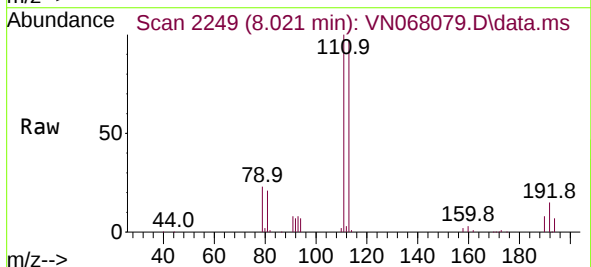
Instrument :
MSVOA_N
ClientSampled :

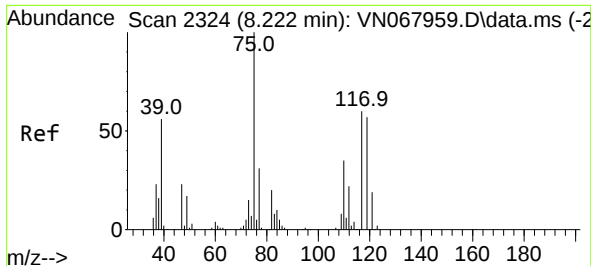
Tgt Ion:114 Resp: 572176
Ion Ratio Lower Upper
114 100
63 20.1 0.0 49.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.54 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

Tgt Ion:113 Resp: 175214
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.8
192 16.3 13.4 20.0

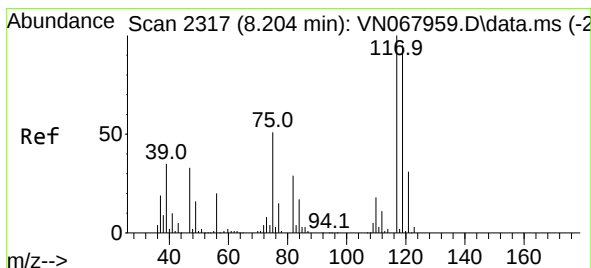
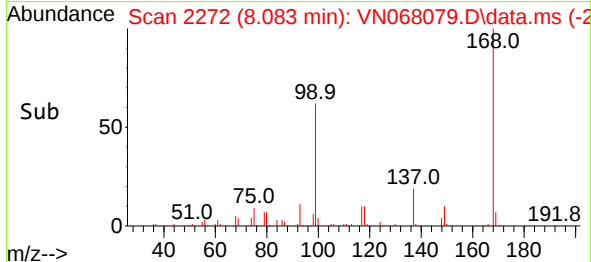
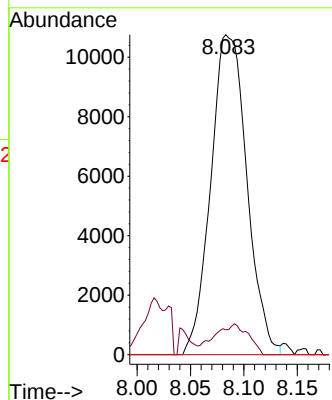
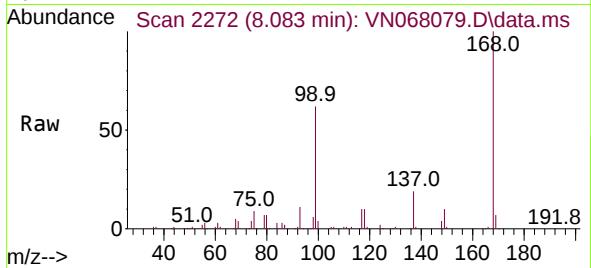




#36
1,1-Dichloropropene
Concen: 4.79 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.139 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

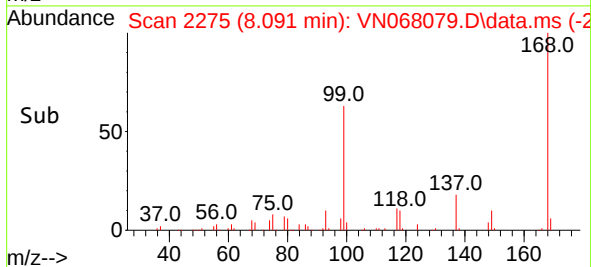
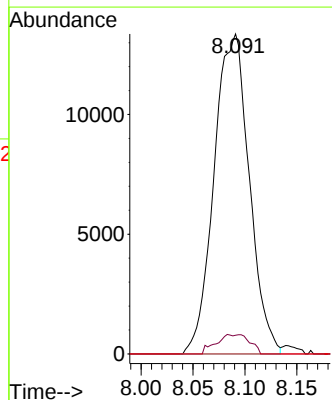
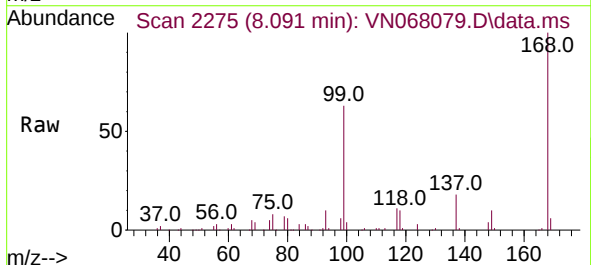
Instrument :
MSVOA_N
ClientSampled :

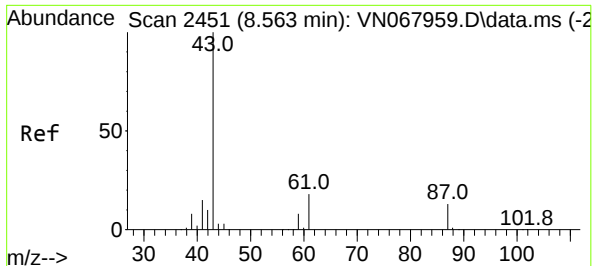
Tgt Ion: 75 Resp: 25342
Ion Ratio Lower Upper
75 100
110 9.1 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.05 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.113 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

Tgt Ion: 117 Resp: 31502
Ion Ratio Lower Upper
117 100
119 5.9 75.4 113.2#
121 0.0 23.5 35.3#

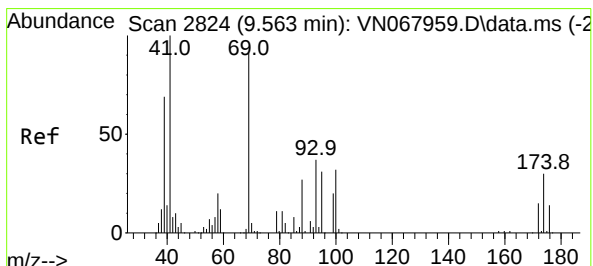
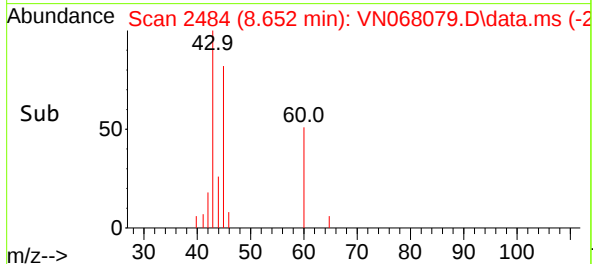
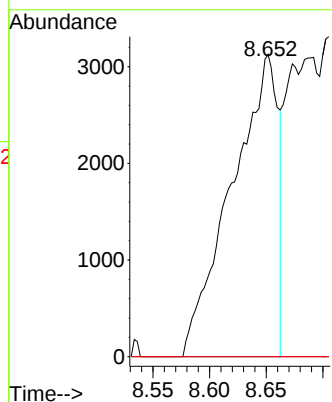
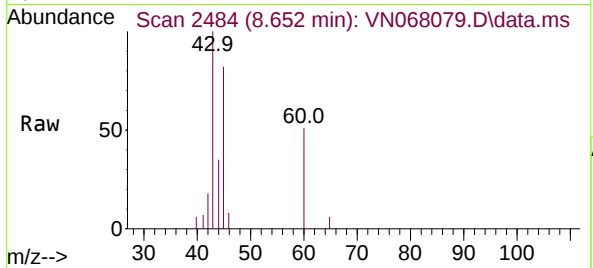




#43
Isopropyl Acetate
Concen: 1.07 ug/l
RT: 8.652 min Scan# 2484
Delta R.T. 0.089 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

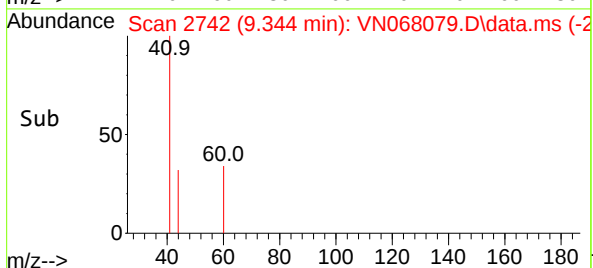
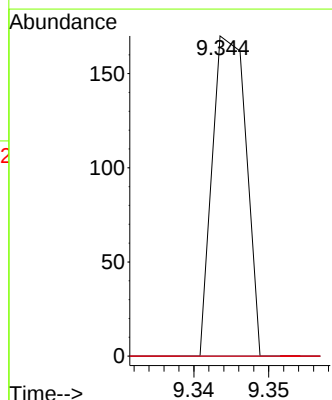
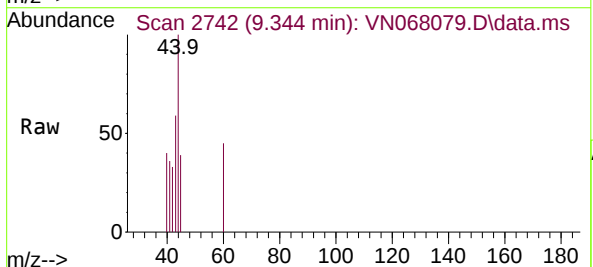
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MSVOA_N
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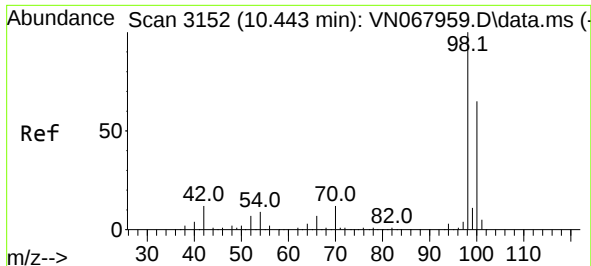
Tgt Ion: 43 Resp: 8883
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#



#48
Methyl methacrylate
Concen: 2.32 ug/l
RT: 9.344 min Scan# 2742
Delta R.T. -0.220 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

Tgt Ion: 41 Resp: 53
Ion Ratio Lower Upper
41 100
69 0.0 64.6 96.8#
39 0.0 53.3 79.9#

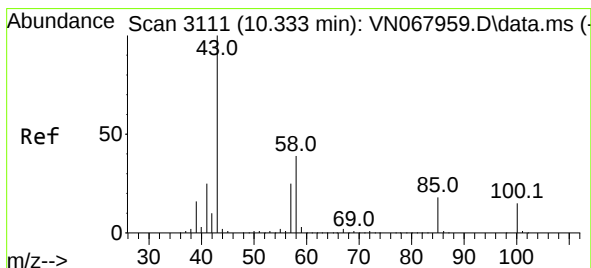
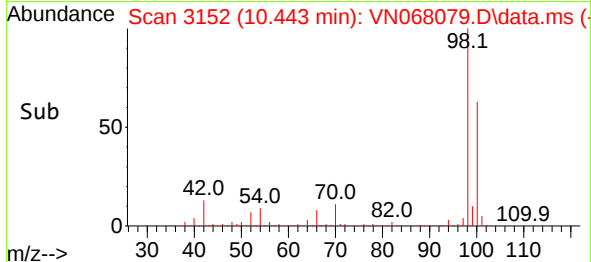
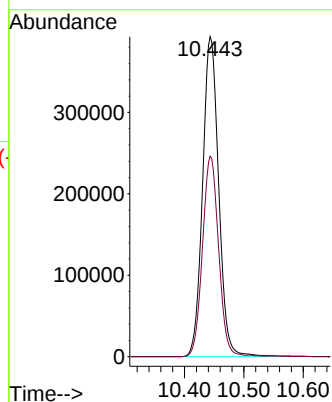
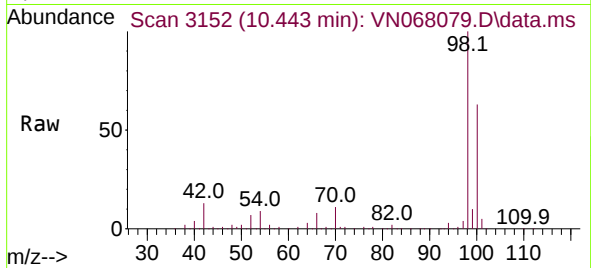




#50
Toluene-d8
Concen: 48.19 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

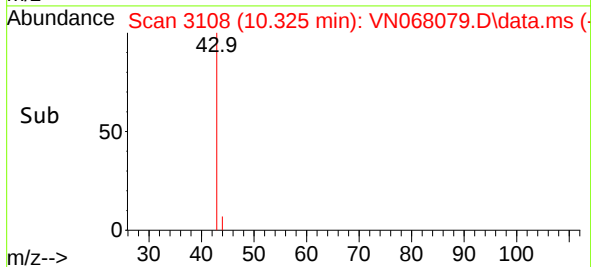
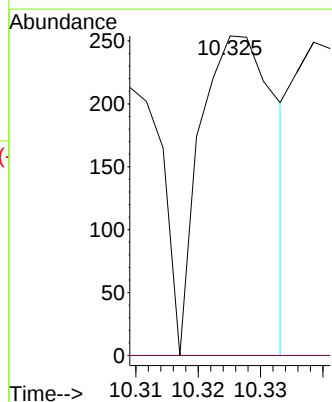
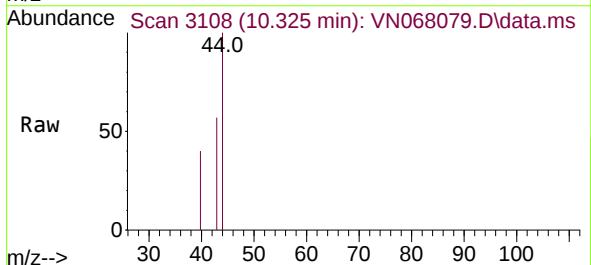
Instrument :
MSVOA_N
ClientSampleId :

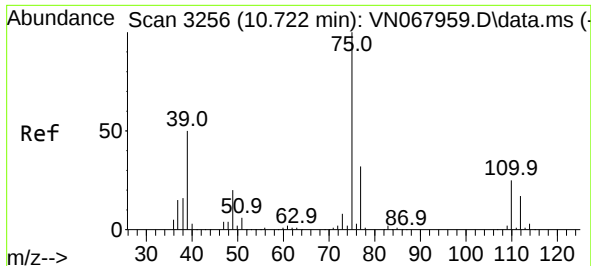
Tgt Ion: 98 Resp: 739353
Ion Ratio Lower Upper
98 100
100 62.6 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 12.60 ug/l
RT: 10.325 min Scan# 3108
Delta R.T. -0.008 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

Tgt Ion: 43 Resp: 212
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

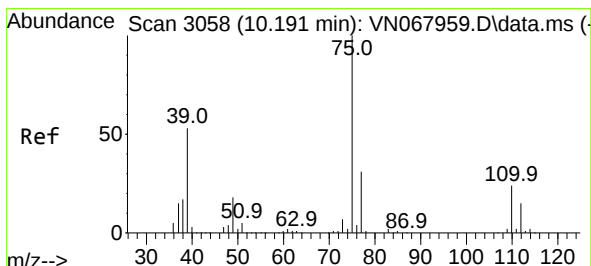
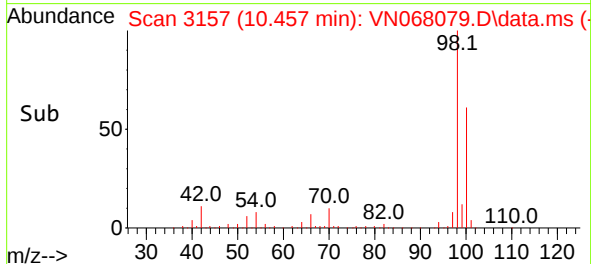
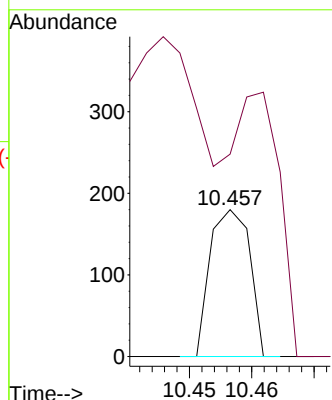
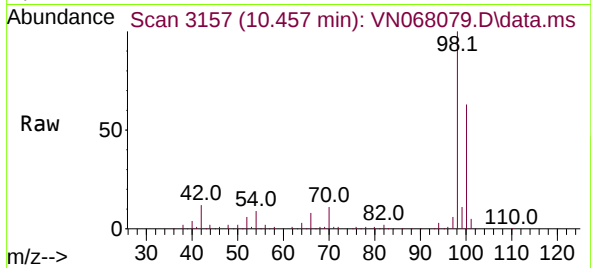




#53
t-1,3-Dichloropropene
Concen: 2.84 ug/l
RT: 10.457 min Scan# 3157
Delta R.T. -0.265 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

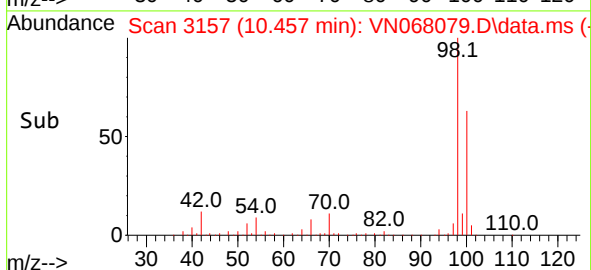
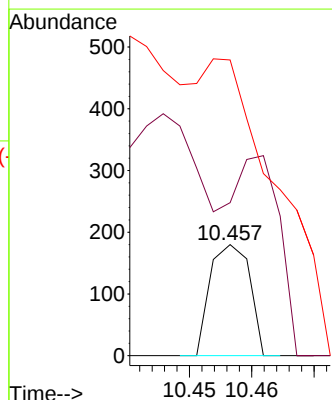
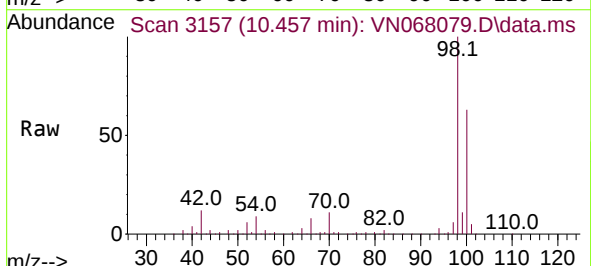
Instrument :
MSVOA_N
ClientSampled :

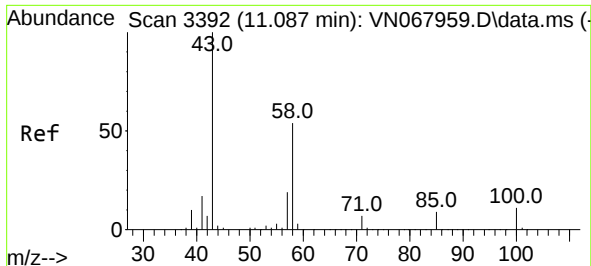
Tgt Ion: 75 Resp: 79
Ion Ratio Lower Upper
75 100
77 12.2 25.1 37.7#



#54
cis-1,3-Dichloropropene
Concen: 2.37 ug/l
RT: 10.457 min Scan# 3157
Delta R.T. 0.266 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

Tgt Ion: 75 Resp: 79
Ion Ratio Lower Upper
75 100
77 12.2 24.6 37.0#
39 116.7 50.7 76.1#

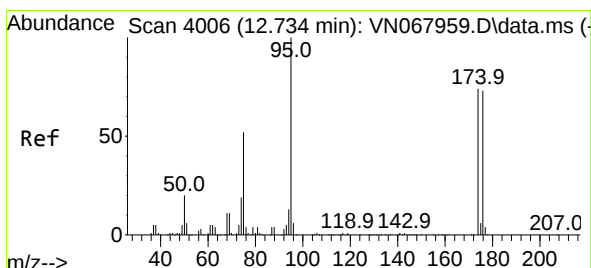
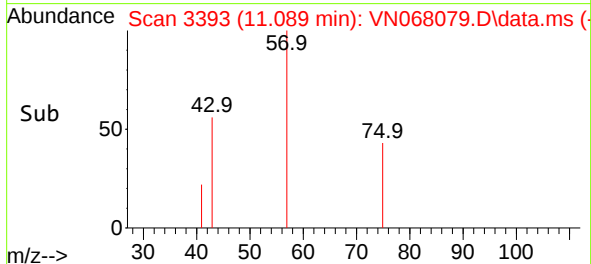
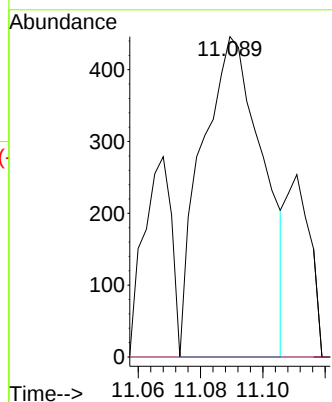
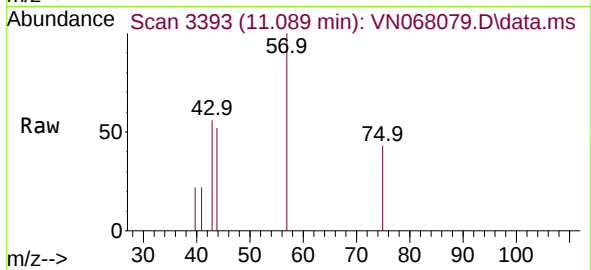




#59
2-Hexanone
Concen: 13.42 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

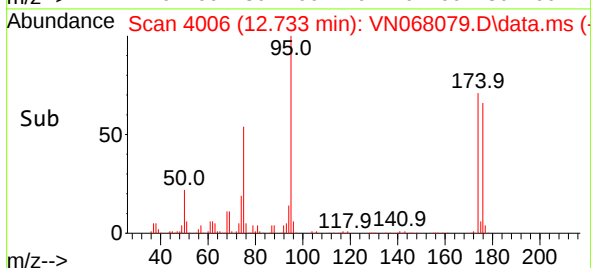
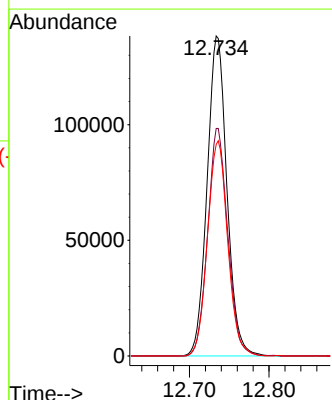
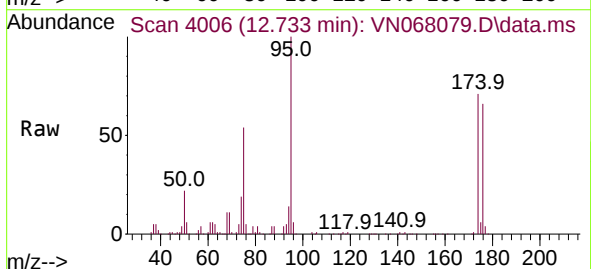
Instrument :
MSVOA_N
ClientSampled :

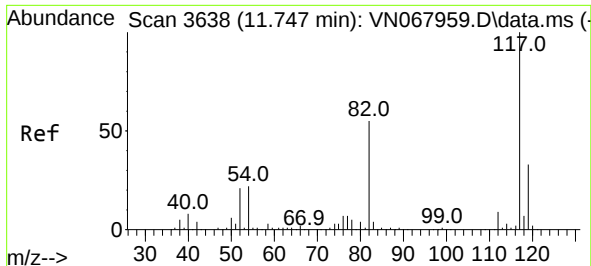
Tgt Ion: 43 Resp: 607
Ion Ratio Lower Upper
43 100
58 0.0 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 43.31 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

Tgt Ion: 95 Resp: 239768
Ion Ratio Lower Upper
95 100
174 72.0 0.0 122.0
176 68.5 0.0 117.6

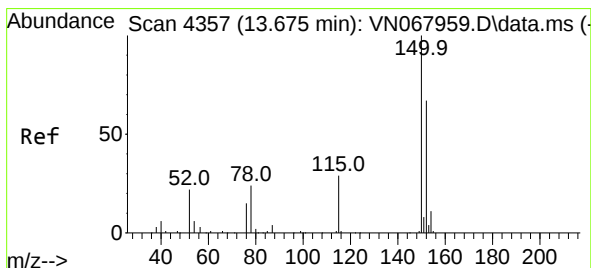
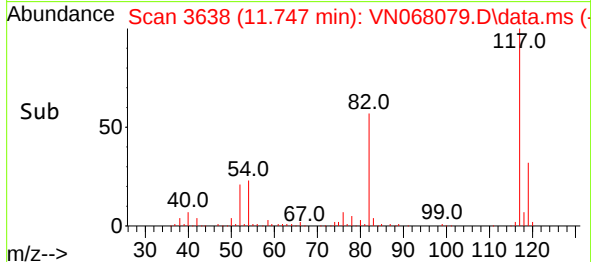
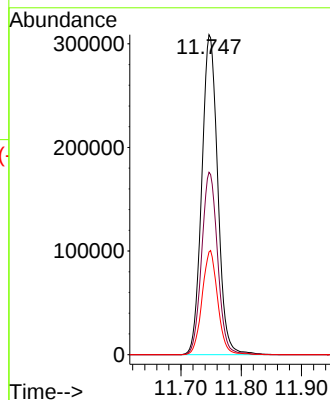
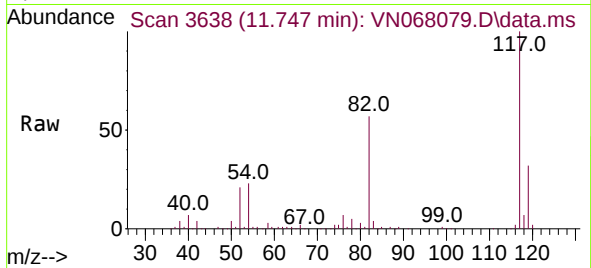




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

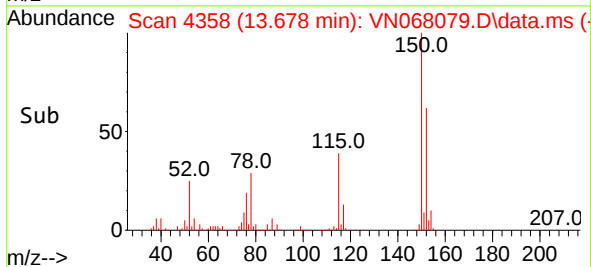
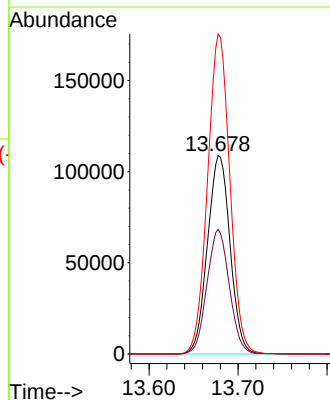
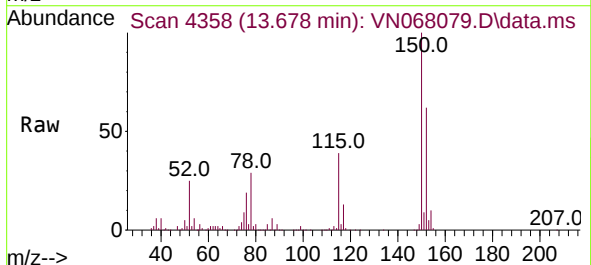
Instrument :
MSVOA_N
ClientSampled :

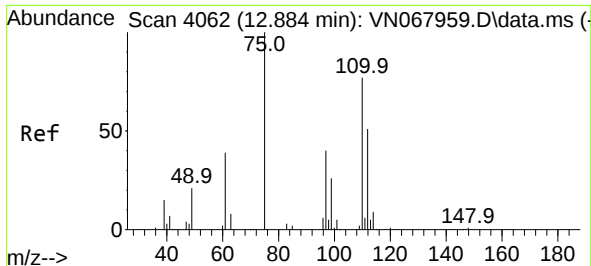
Tgt Ion:117 Resp: 567834
Ion Ratio Lower Upper
117 100
82 57.0 53.1 79.7
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

Tgt Ion:152 Resp: 191882
Ion Ratio Lower Upper
152 100
115 62.1 36.1 108.5
150 158.6 0.0 351.8

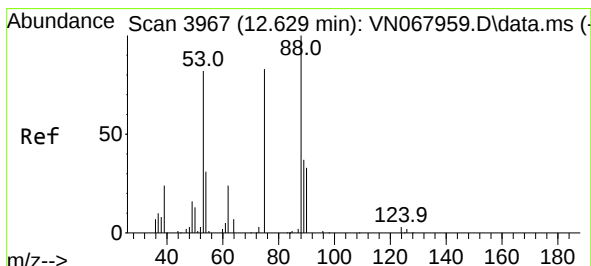
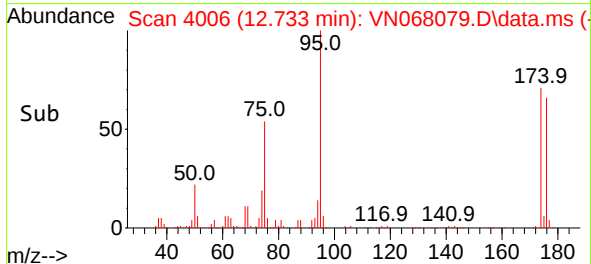
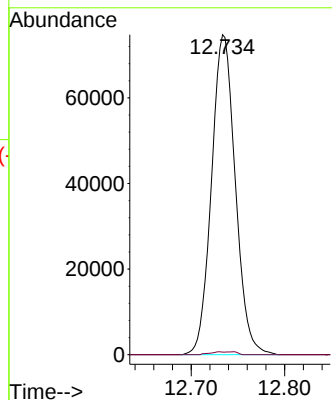
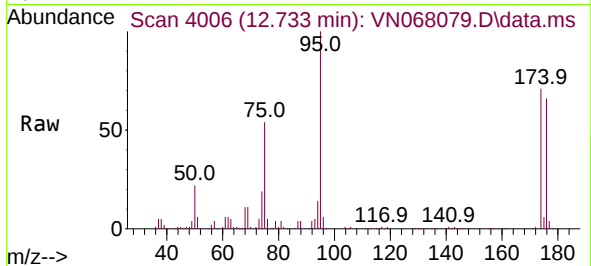




#76
1,2,3-Trichloropropane
Concen: 34.32 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

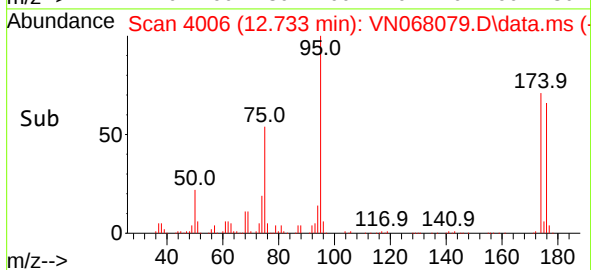
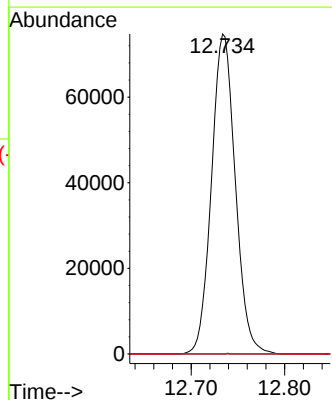
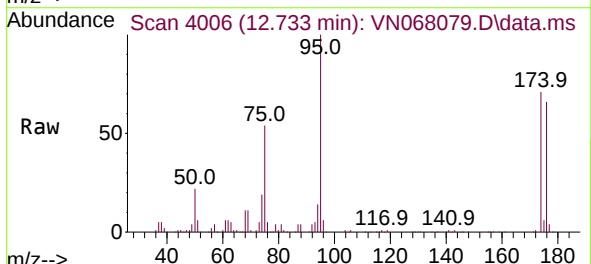
Instrument :
MSVOA_N
ClientSampled :

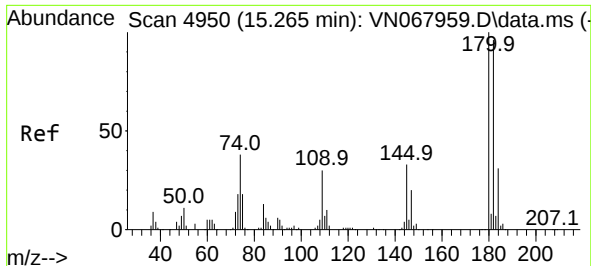
Tgt Ion: 75 Resp: 132256
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.97 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

Tgt Ion: 75 Resp: 132256
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

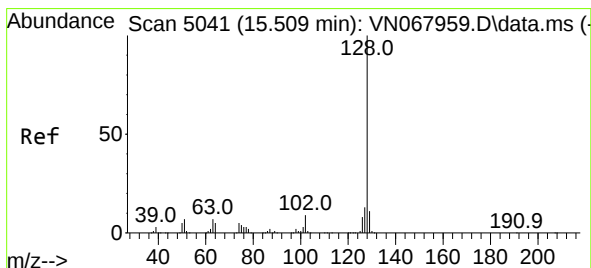
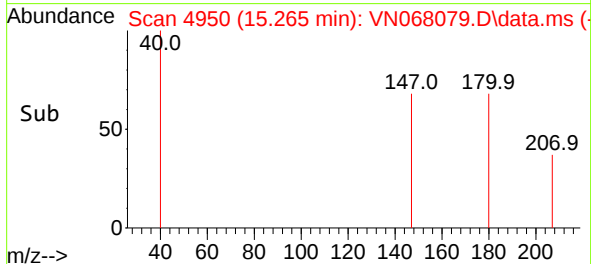
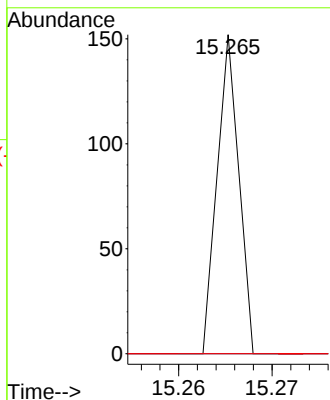
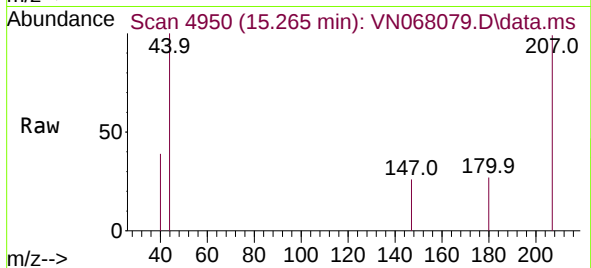




#93
1,2,4-Trichlorobenzene
Concen: 2.47 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:180 Resp: 24
Ion Ratio Lower Upper
180 100
182 0.0 47.5 142.5#
145 0.0 17.2 51.6#



#95
Naphthalene
Concen: 3.16 ug/l
RT: 15.515 min Scan# 5043
Delta R.T. 0.006 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

Tgt Ion:128 Resp: 376
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

