

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081121\
 Data File : VN068075.D
 Acq On : 11 Aug 2021 17:02
 Operator : JC/MD
 Sample : M3360-01 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

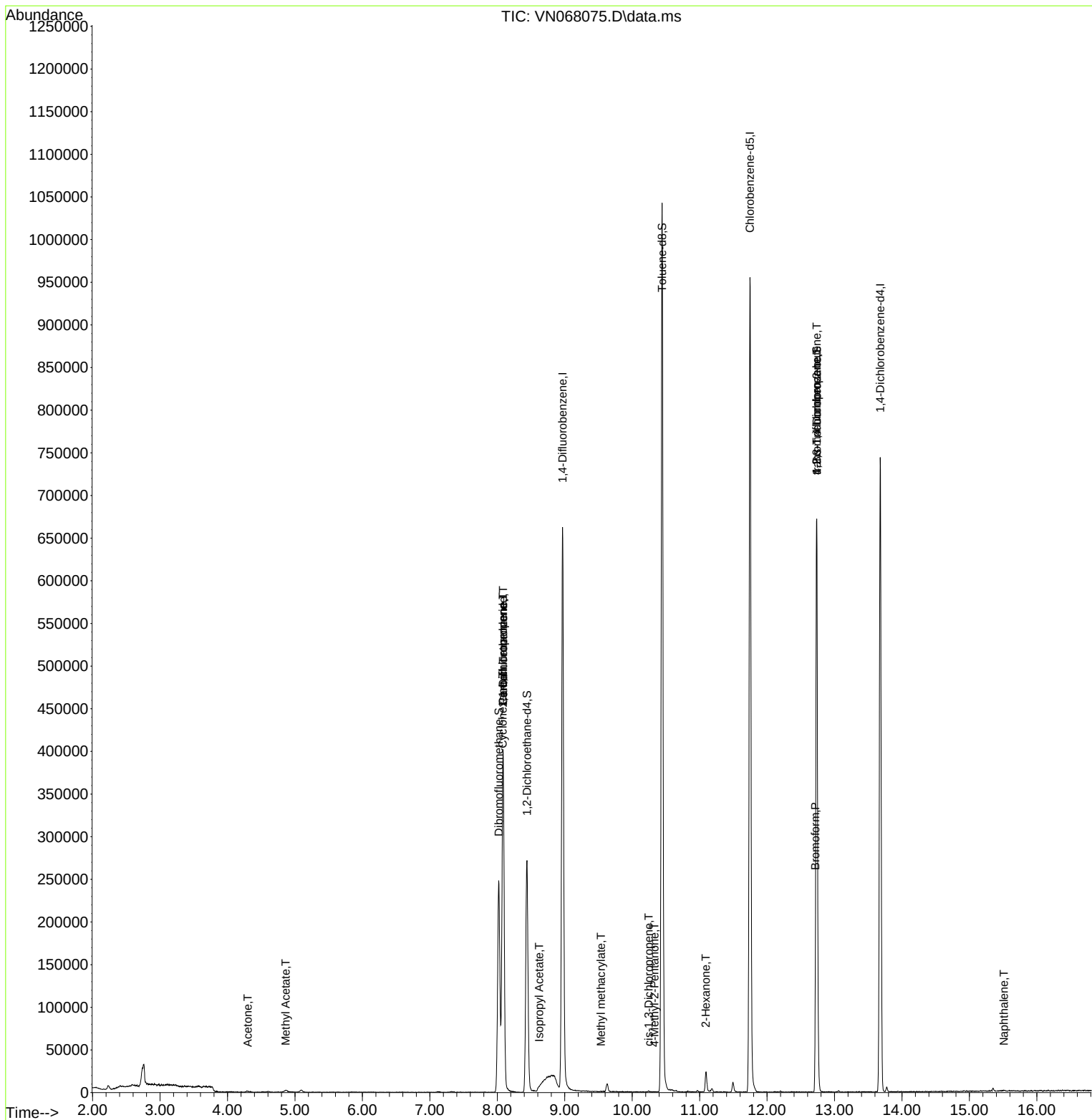
Quant Time: Aug 12 07:12:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

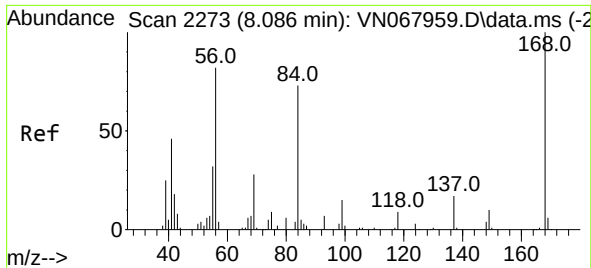
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	294497	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	581198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	565931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	195737	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	229879	55.14	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.28%			
35) Dibromofluoromethane	8.021	113	179893	53.11	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.22%			
50) Toluene-d8	10.443	98	727935	46.83	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 93.66%			
62) 4-Bromofluorobenzene	12.736	95	239643	42.69	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 85.38%			
Target Compounds						Qvalue
16) Acetone	4.299	43	2287	1.50	ug/l	# 87
18) Methyl Acetate	4.862	43	2302	0.53	ug/l	# 74
20) Methylene Chloride	5.087	84	479	Below Cal		# 83
31) Cyclohexane	8.078	56	3620	0.59	ug/l	# 18
36) 1,1-Dichloropropene	8.083	75	25699	4.78	ug/l	# 49
38) Carbon Tetrachloride	8.086	117	33319	6.30	ug/l	# 17
43) Isopropyl Acetate	8.619	43	3050	0.36	ug/l	# 58
48) Methyl methacrylate	9.539	41	94	2.33	ug/l	# 12
51) 4-Methyl-2-Pentanone	10.328	43	423	12.63	ug/l	# 39
54) cis-1,3-Dichloropropene	10.245	75	51	2.36	ug/l	# 27
59) 2-Hexanone	11.092	43	3826	14.12	ug/l	# 45
71) Bromoform	12.717	173	339	4.12	ug/l	# 1
76) 1,2,3-Trichloropropane	12.736	75	130671	33.24	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.736	75	130671	89.19	ug/l	# 6
95) Naphthalene	15.512	128	768	3.21	ug/l	# 69

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

Quant Time: Aug 12 07:12:58 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

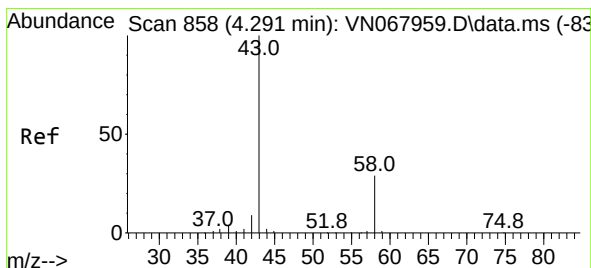
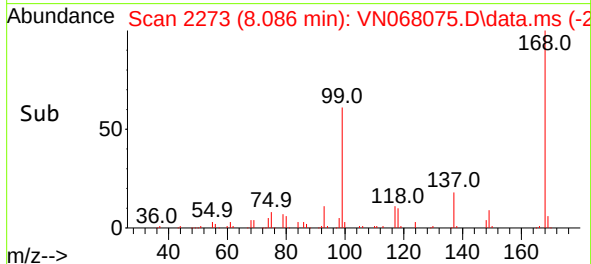
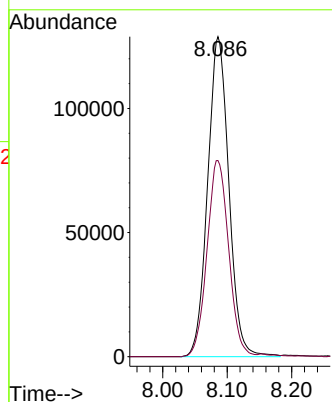
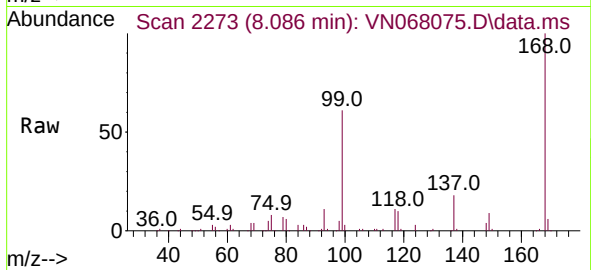




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02

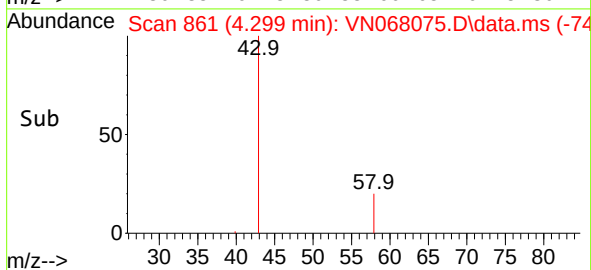
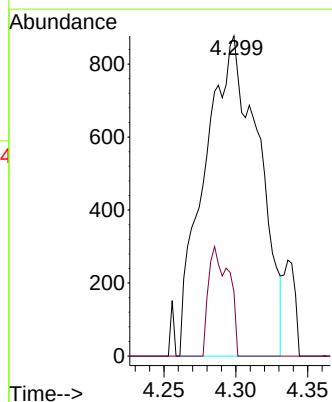
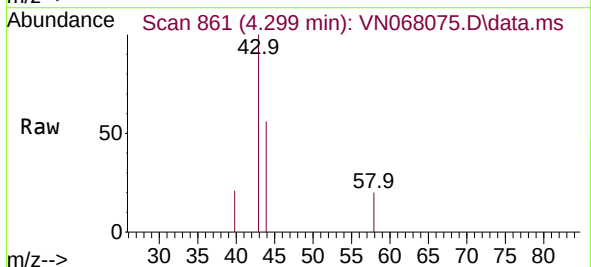
Instrument :
MSVOA_N
ClientSampled :

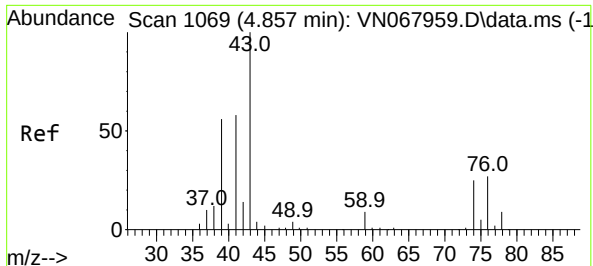
Tgt Ion:168 Resp: 294497
Ion Ratio Lower Upper
168 100
99 61.3 62.9 94.3#



#16
Acetone
Concen: 1.50 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02

Tgt Ion: 43 Resp: 2287
Ion Ratio Lower Upper
43 100
58 20.1 21.2 31.8#





#18

Methyl Acetate

Concen: 0.53 ug/l

RT: 4.862 min Scan# 1071

Delta R.T. 0.005 min

Lab File: VN068075.D

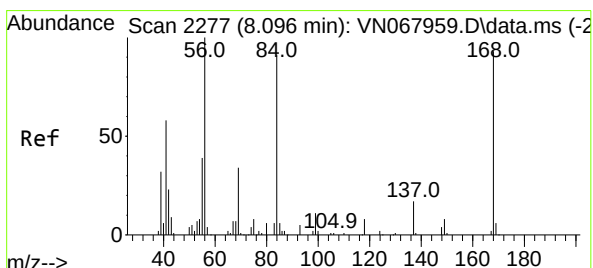
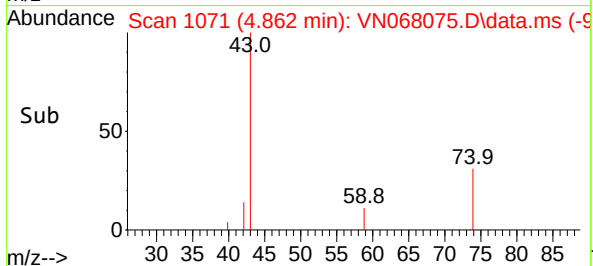
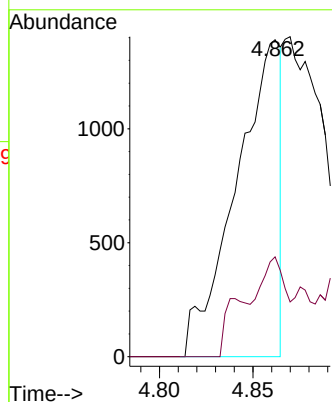
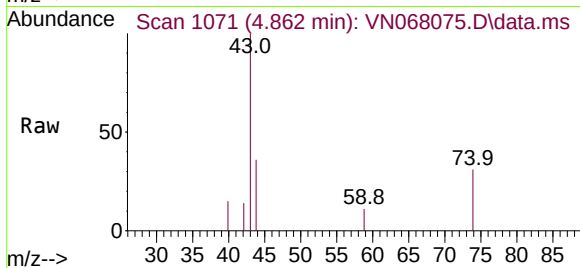
Acq: 11 Aug 2021 17:02

Tgt Ion: 43 Resp: 2302

Ion Ratio Lower Upper

43 100

74 9.2 17.4 26.0#



#31

Cyclohexane

Concen: 0.59 ug/l

RT: 8.078 min Scan# 2270

Delta R.T. -0.018 min

Lab File: VN068075.D

Acq: 11 Aug 2021 17:02

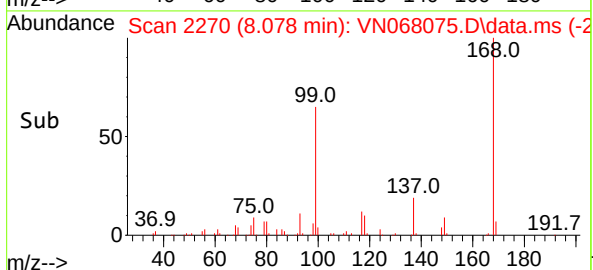
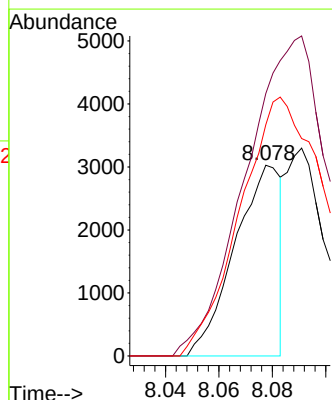
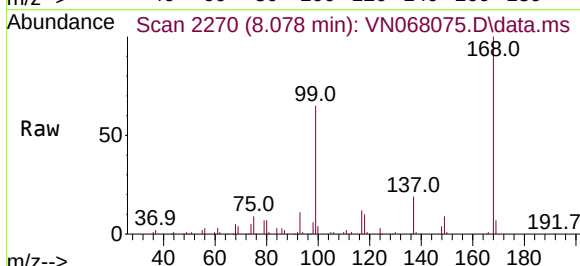
Tgt Ion: 56 Resp: 3620

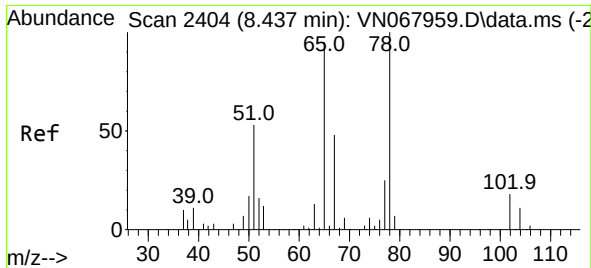
Ion Ratio Lower Upper

56 100

69 132.4 27.3 40.9#

84 121.2 64.9 97.3#

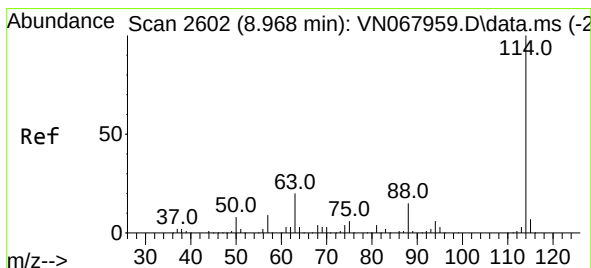
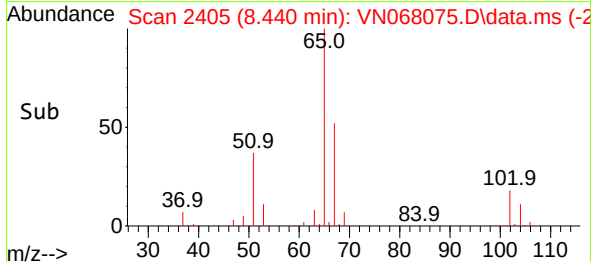
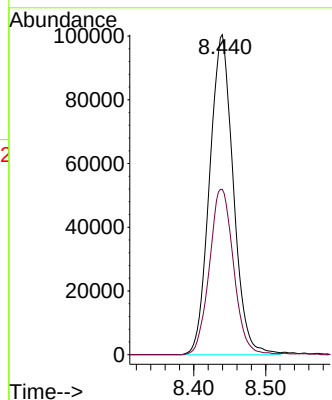
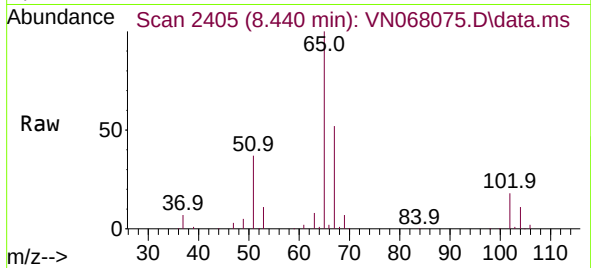




#33
 1,2-Dichloroethane-d4
 Concen: 55.14 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.003 min
 Lab File: VN068075.D
 Acq: 11 Aug 2021 17:02

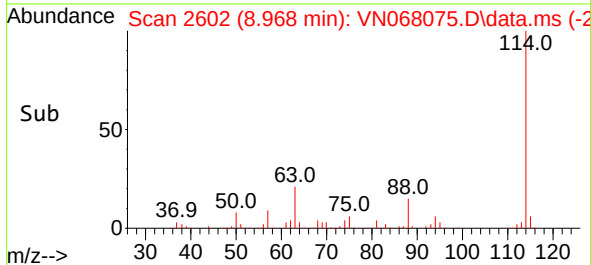
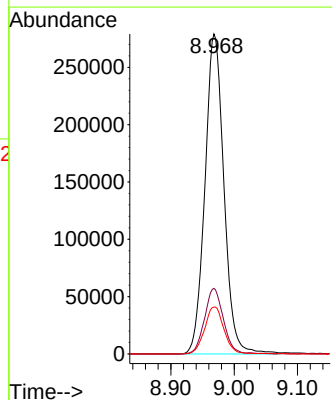
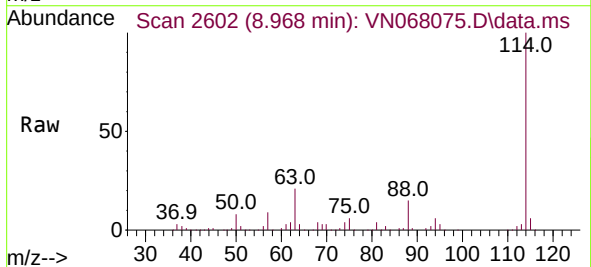
Instrument :
 MSVOA_N
 ClientSampled :

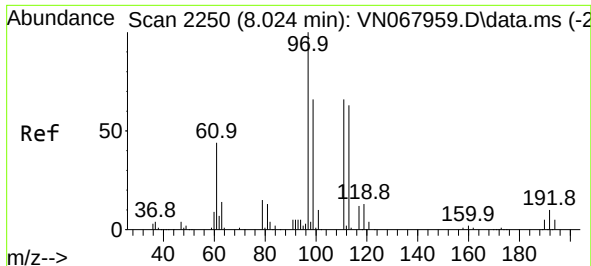
Tgt Ion: 65 Resp: 229879
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: VN068075.D
 Acq: 11 Aug 2021 17:02

Tgt Ion: 114 Resp: 581198
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 49.0
 88 14.6 0.0 36.6

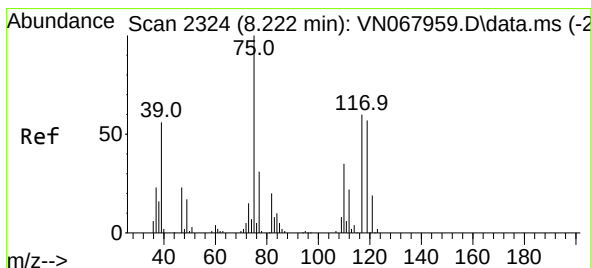
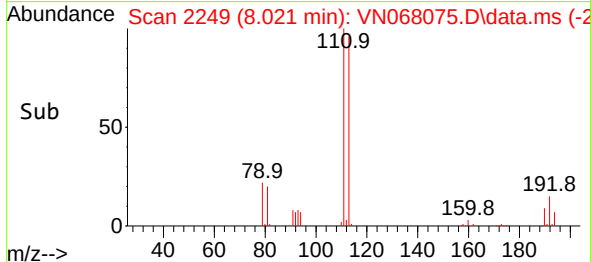
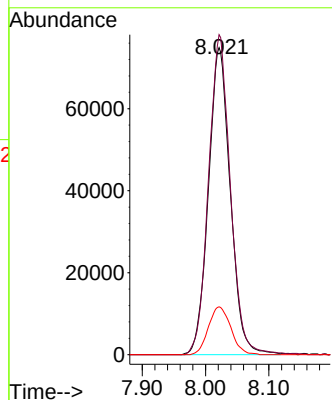
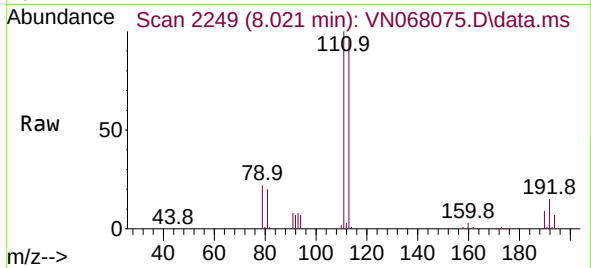




#35
Dibromofluoromethane
Concen: 53.11 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02

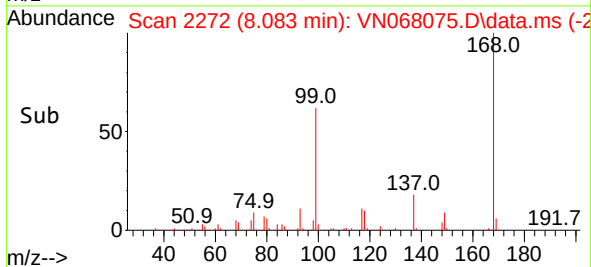
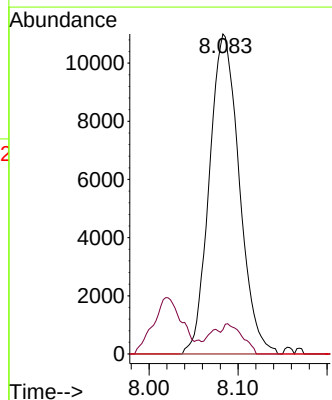
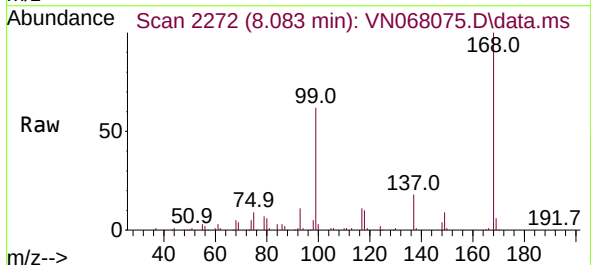
Instrument :
MSVOA_N
ClientSampleId :

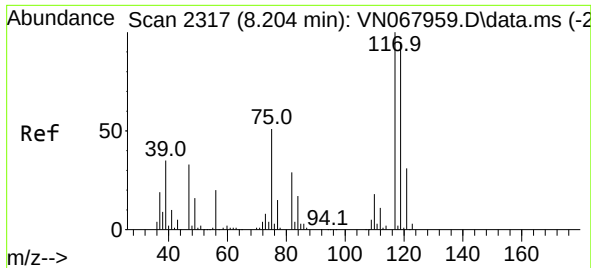
Tgt Ion:113 Resp: 179893
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.8
192 16.0 13.4 20.0



#36
1,1-Dichloropropene
Concen: 4.78 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.139 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02

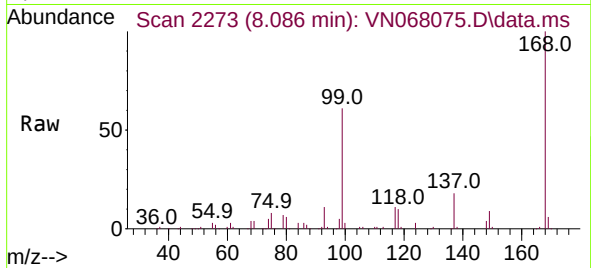
Tgt Ion: 75 Resp: 25699
Ion Ratio Lower Upper
75 100
110 6.1 15.7 47.0#
77 0.0 24.6 37.0#



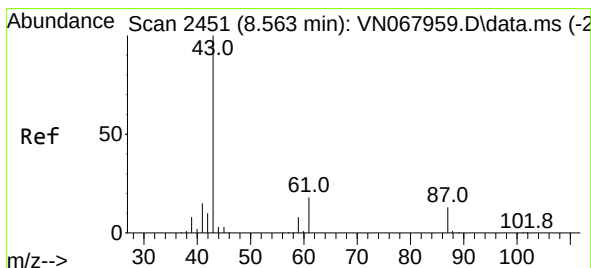
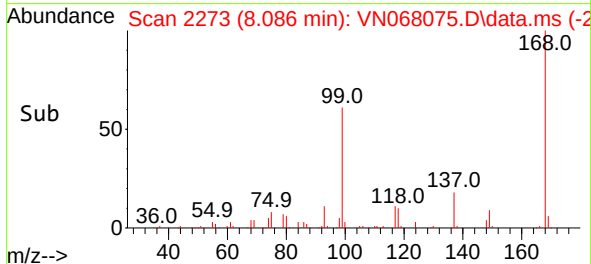
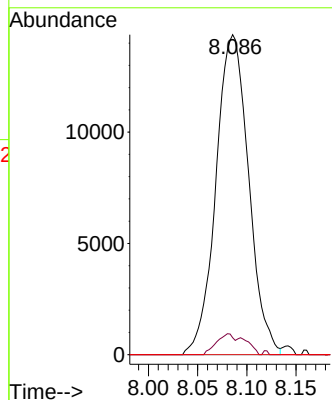


#38
Carbon Tetrachloride
Concen: 6.30 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.118 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02

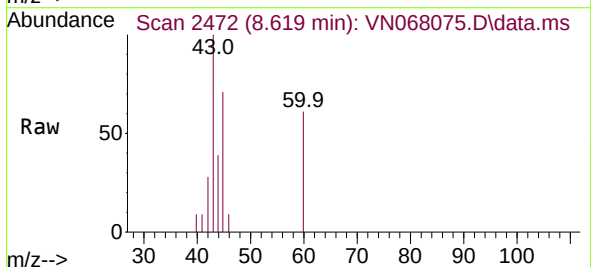
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MSVOA_N
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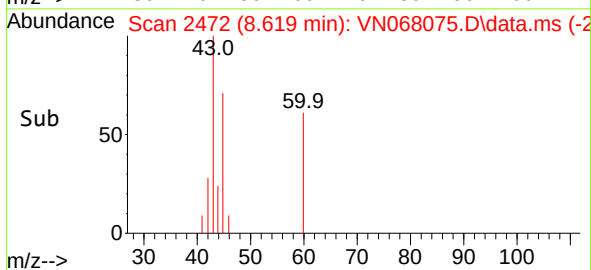
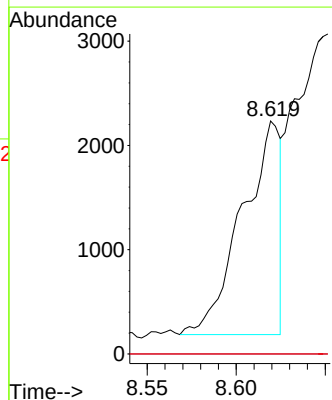
Tgt Ion:117 Resp: 33319
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.2#
121 0.0 23.5 35.3#

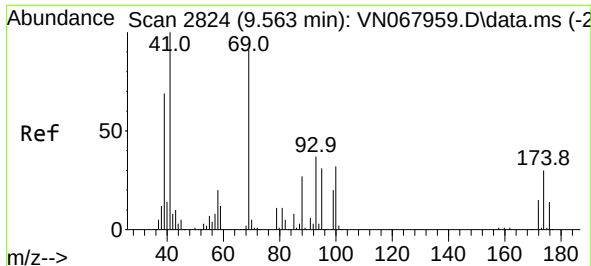


#43
Isopropyl Acetate
Concen: 0.36 ug/l
RT: 8.619 min Scan# 2472
Delta R.T. 0.056 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02



Tgt Ion: 43 Resp: 3050
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

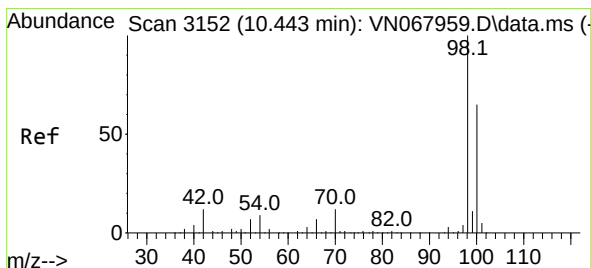
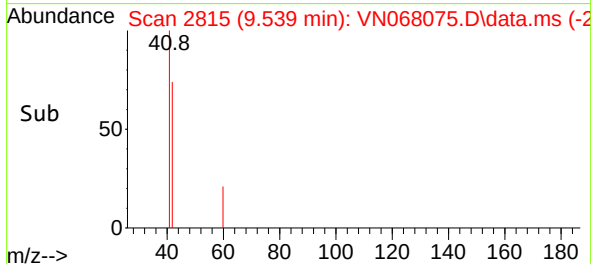
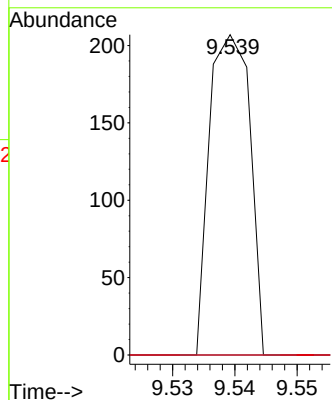
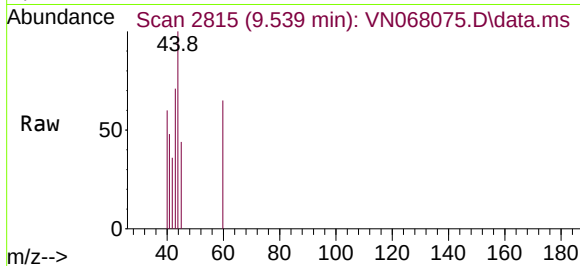




#48
Methyl methacrylate
Concen: 2.33 ug/l
RT: 9.539 min Scan# 2815
Delta R.T. -0.024 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02

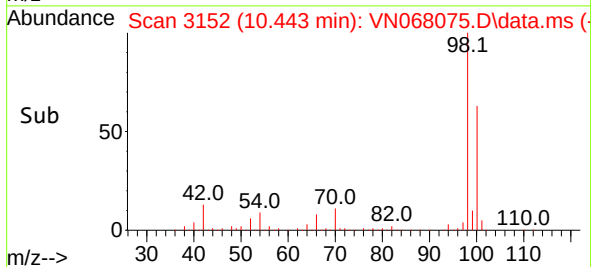
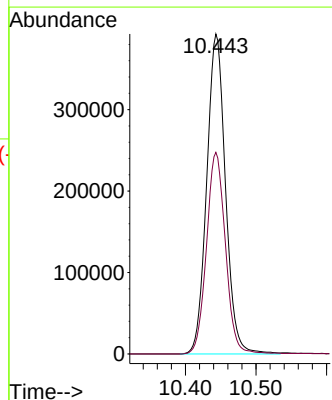
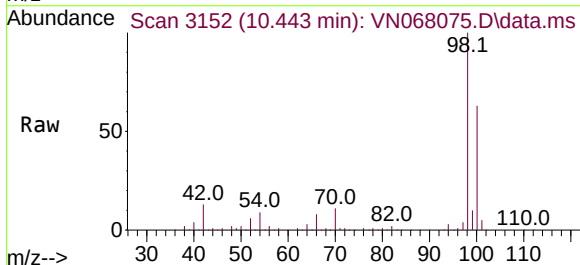
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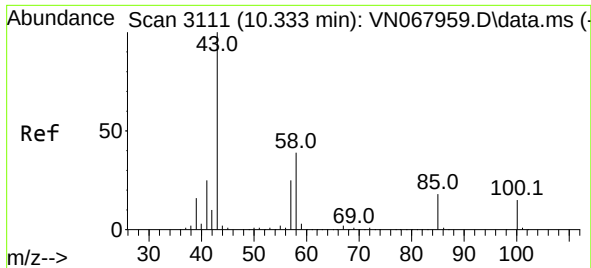
Tgt Ion: 41 Resp: 94
Ion Ratio Lower Upper
41 100
69 0.0 64.6 96.8#
39 0.0 53.3 79.9#



#50
Toluene-d8
Concen: 46.83 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02

Tgt Ion: 98 Resp: 727935
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5

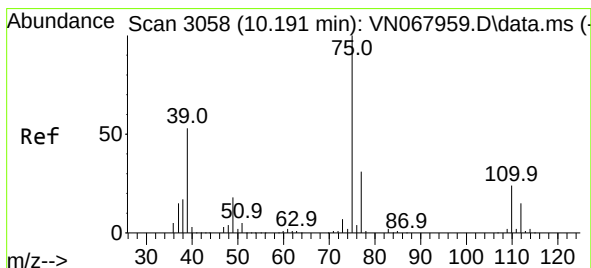
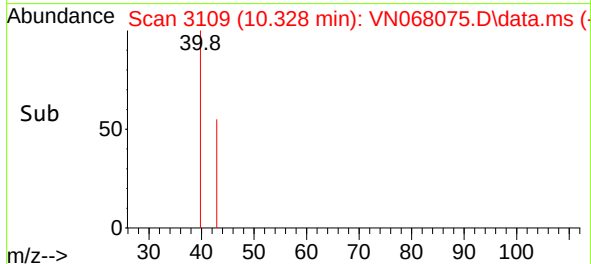
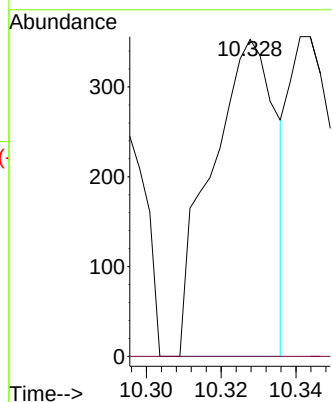
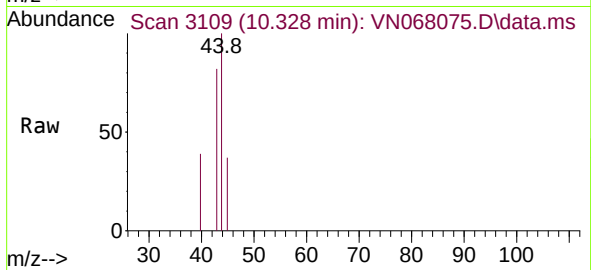




#51
4-Methyl-2-Pentanone
Concen: 12.63 ug/l
RT: 10.328 min Scan# 3109
Delta R.T. -0.005 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02

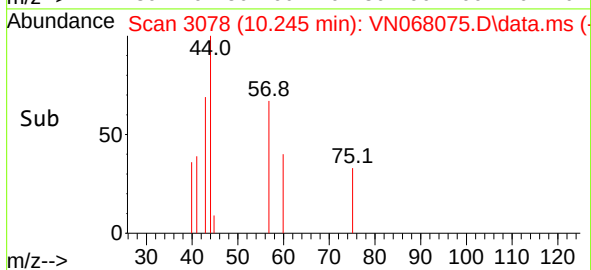
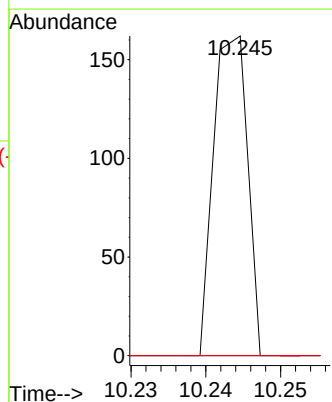
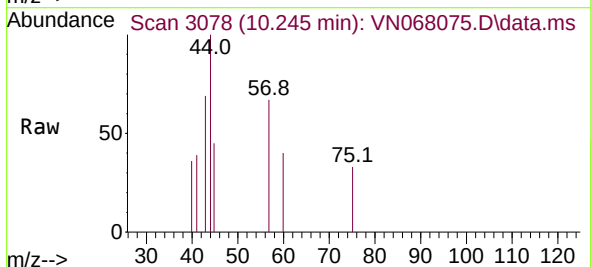
Instrument :
MSVOA_N
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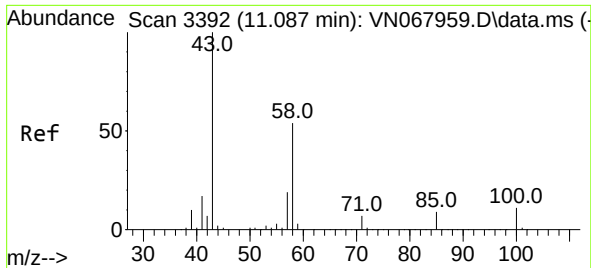
Tgt Ion: 43 Resp: 423
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#54
cis-1,3-Dichloropropene
Concen: 2.36 ug/l
RT: 10.245 min Scan# 3078
Delta R.T. 0.054 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02

Tgt Ion: 75 Resp: 51
Ion Ratio Lower Upper
75 100
77 0.0 24.6 37.0#
39 0.0 50.7 76.1#

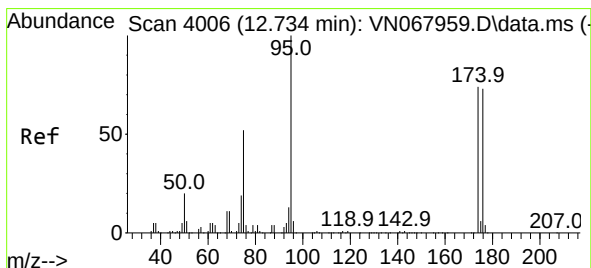
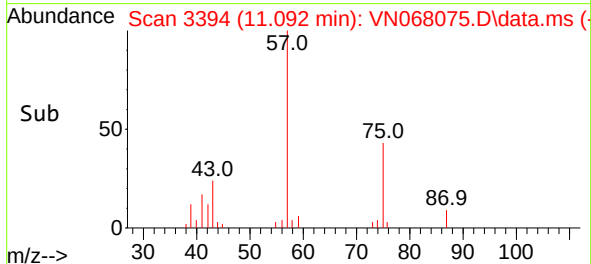
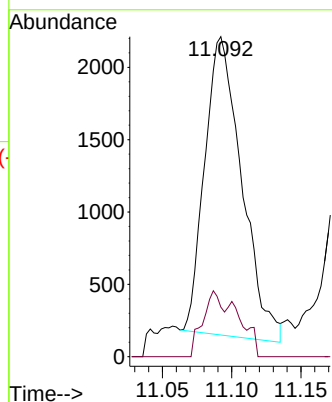
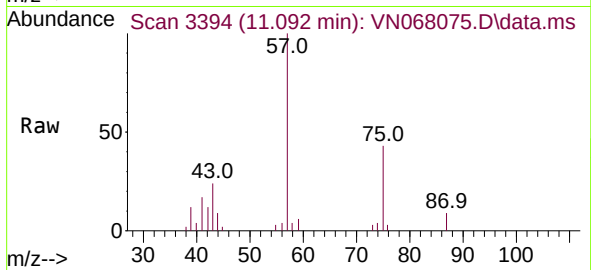




#59
2-Hexanone
Concen: 14.12 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02

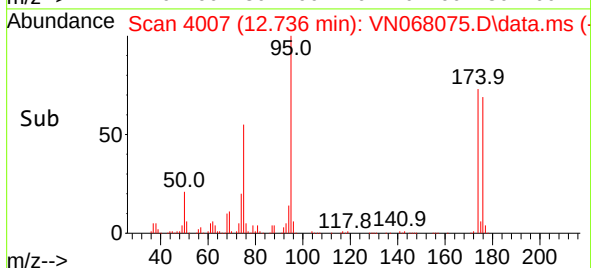
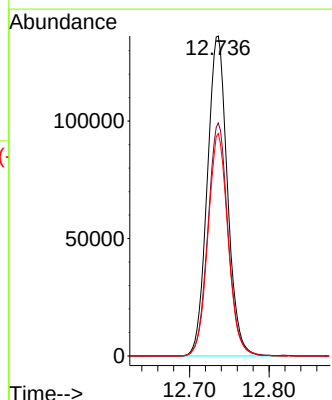
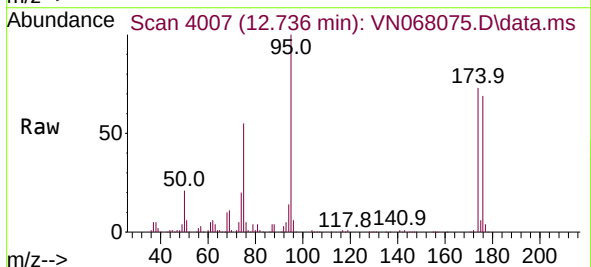
Instrument :
MSVOA_N
ClientSampled :

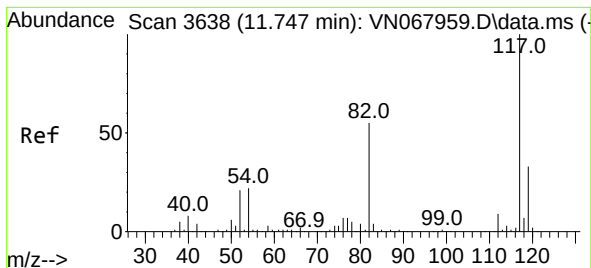
Tgt Ion: 43 Resp: 3826
Ion Ratio Lower Upper
43 100
58 11.9 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 42.69 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02

Tgt Ion: 95 Resp: 239643
Ion Ratio Lower Upper
95 100
174 72.9 0.0 122.0
176 69.3 0.0 117.6

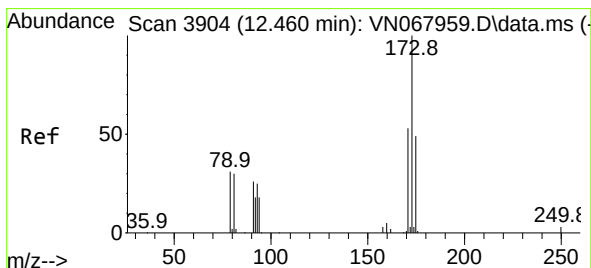
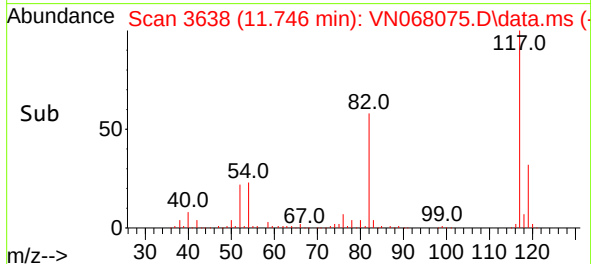
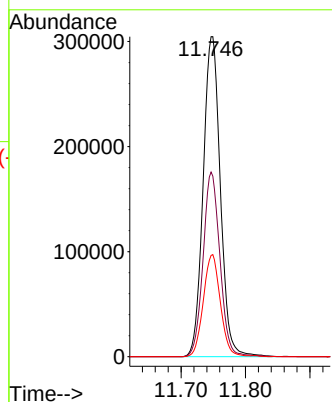
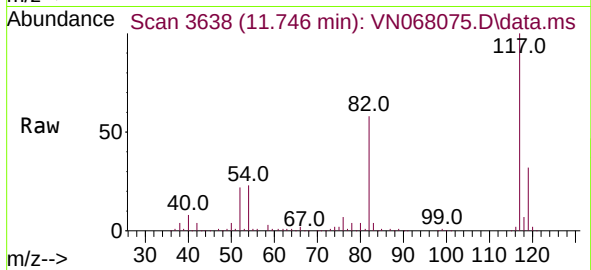




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02

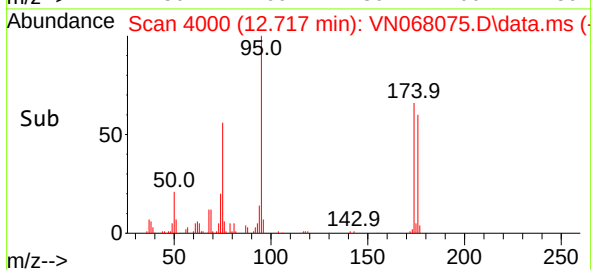
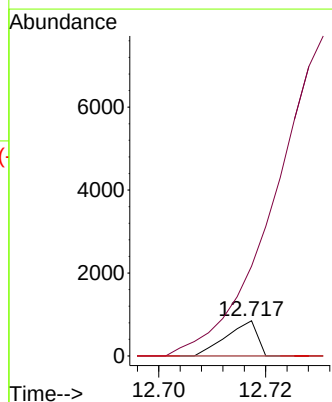
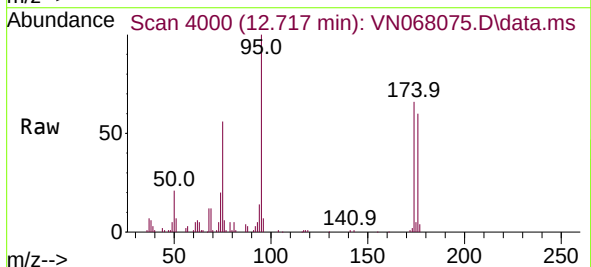
Instrument :
MSVOA_N
ClientSampleId :

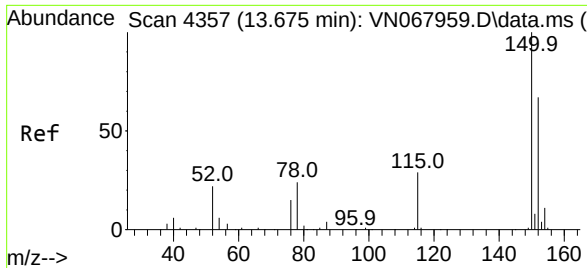
Tgt Ion:117 Resp: 565931
Ion Ratio Lower Upper
117 100
82 57.7 53.1 79.7
119 31.7 25.5 38.3



#71
Bromoform
Concen: 4.12 ug/l
RT: 12.717 min Scan# 4000
Delta R.T. 0.257 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02

Tgt Ion:173 Resp: 339
Ion Ratio Lower Upper
173 100
175 3776.4 23.9 71.8#
254 0.0 0.0 0.0

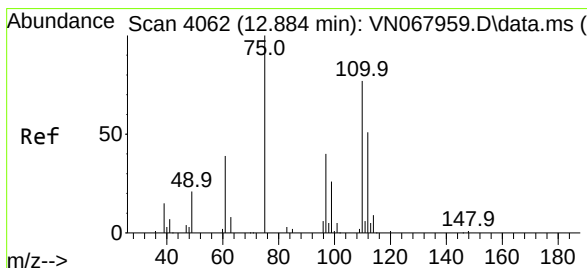
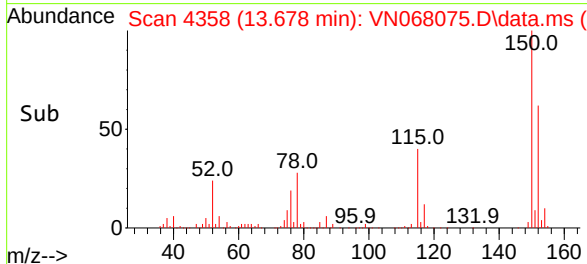
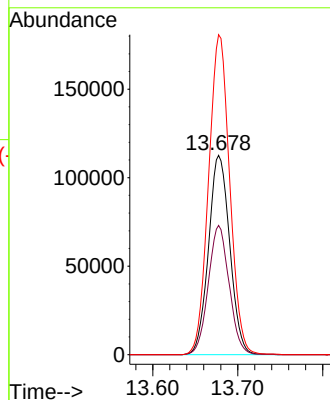
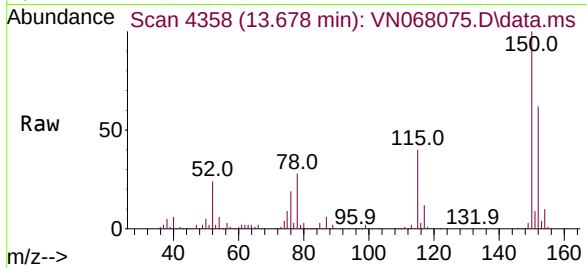




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.002 min
 Lab File: VN068075.D
 Acq: 11 Aug 2021 17:02

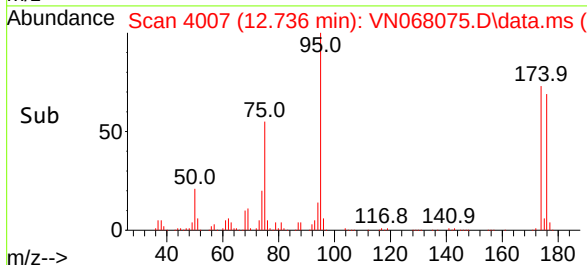
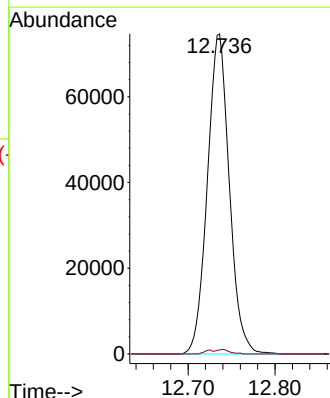
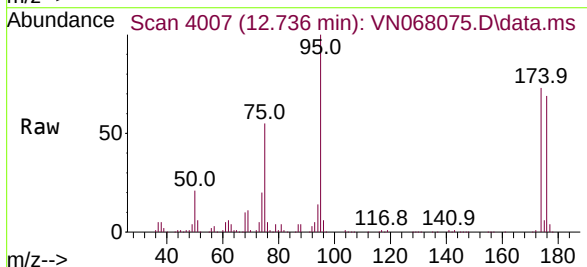
Instrument :
 MSVOA_N
 ClientSampled :

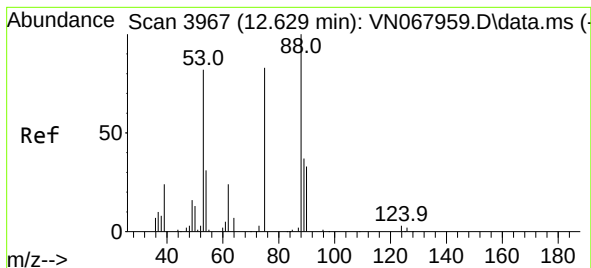
Tgt Ion:152 Resp: 195737
 Ion Ratio Lower Upper
 152 100
 115 63.6 36.1 108.5
 150 159.3 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 33.24 ug/l
 RT: 12.736 min Scan# 4007
 Delta R.T. -0.148 min
 Lab File: VN068075.D
 Acq: 11 Aug 2021 17:02

Tgt Ion: 75 Resp: 130671
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#

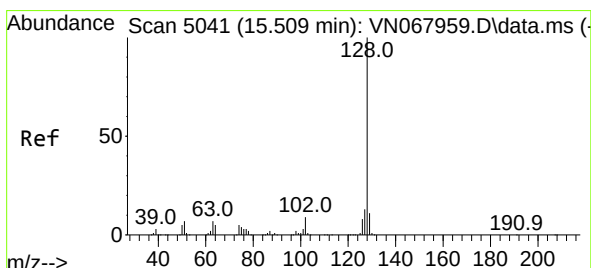
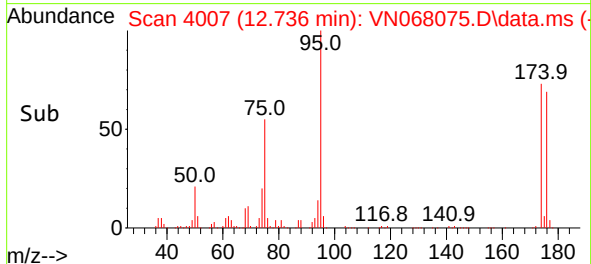
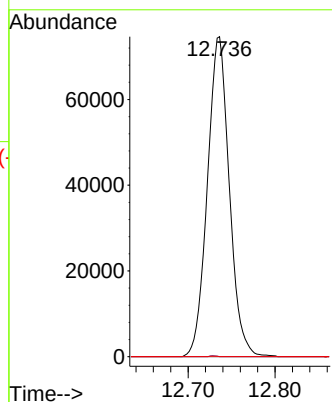
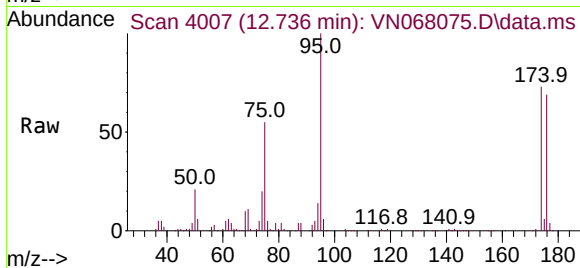




#81
trans-1,4-Dichloro-2-butene
Concen: 89.19 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 130671
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#



#95
Naphthalene
Concen: 3.21 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.003 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02

Tgt Ion:128 Resp: 768
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

