

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100121\
 Data File : VN068794.D
 Acq On : 1 Oct 2021 19:49
 Operator : JC/MD
 Sample : M4040-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-RR-50

Quant Time: Oct 02 04:03:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

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

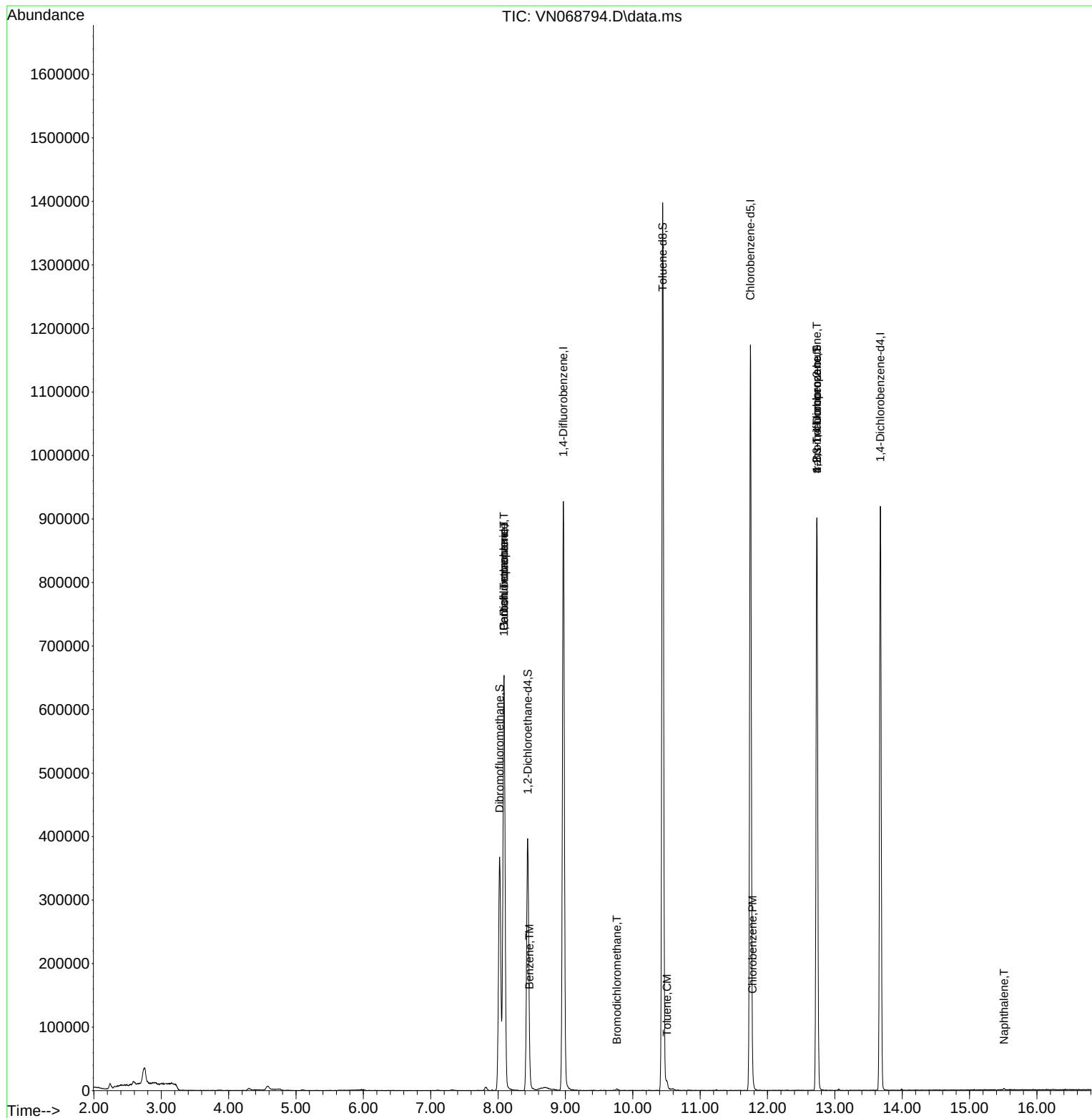
Internal Standards						
1) Pentafluorobenzene	8.088	168	461346	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	799551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	657225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	233069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	326659	50.818	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.640%			
35) Dibromofluoromethane	8.024	113	260051	52.347	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.700%			
50) Toluene-d8	10.443	98	969028	53.380	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.760%			
62) 4-Bromofluorobenzene	12.733	95	290447	46.046	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.100%			
Target Compounds						
						Qvalue
3) Chloromethane	2.306	50	1068	Below Cal	#	74
5) Bromomethane	2.874	94	1083	Below Cal	#	73
6) Chloroethane	3.003	64	322	Below Cal	#	44
13) Acrolein	4.025	56	55	Below Cal	#	14
16) Acetone	4.291	43	2504	Below Cal		97
17) Carbon Disulfide	4.540	76	351	Below Cal	#	74
31) Cyclohexane	8.080	56	6501	Below Cal	#	50
36) 1,1-Dichloropropene	8.086	75	41780	5.556	ug/l #	48
38) Carbon Tetrachloride	8.088	117	51106	5.721	ug/l #	17
40) Benzene	8.466	78	7851	0.343	ug/l	98
47) Bromodichloromethane	9.764	83	1998	0.219	ug/l #	90
52) Toluene	10.507	92	3376	0.221	ug/l	100
65) Chlorobenzene	11.776	112	4042	0.270	ug/l	99
76) 1,2,3-Trichloropropane	12.733	75	172950	33.367	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	172950	96.999	ug/l #	6
95) Naphthalene	15.512	128	2852	1.699	ug/l #	73

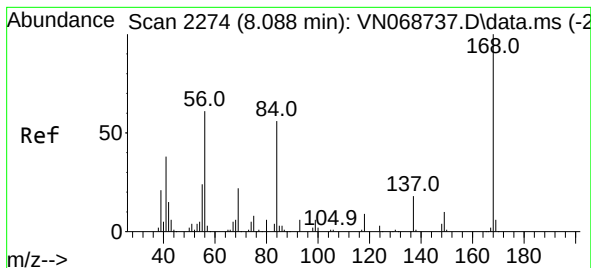
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.000 min

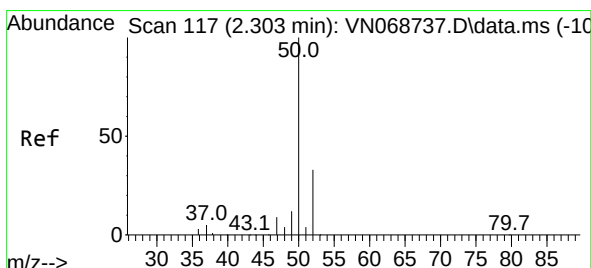
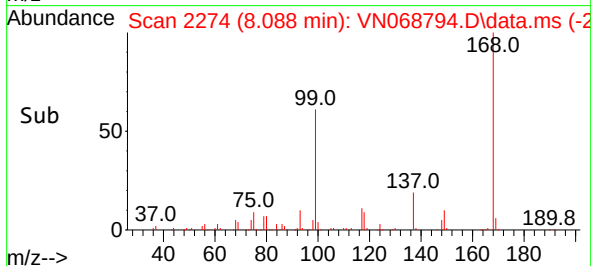
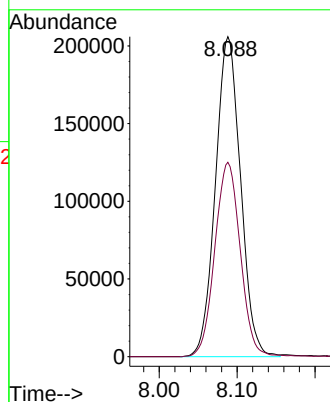
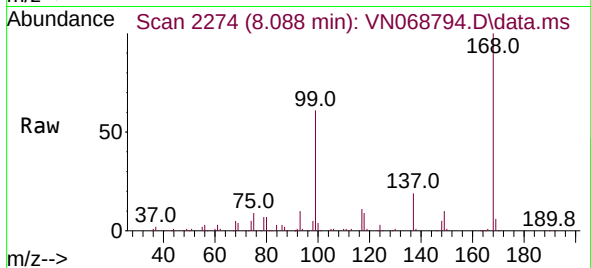
Lab File: VN068794.D

Acq: 1 Oct 2021 19:49

Tgt Ion:168 Resp: 461346

Ion Ratio Lower Upper

168 100
99 60.8 62.9 94.3#



#3

Chloromethane

Concen: Below Cal

RT: 2.306 min Scan# 118

Delta R.T. 0.003 min

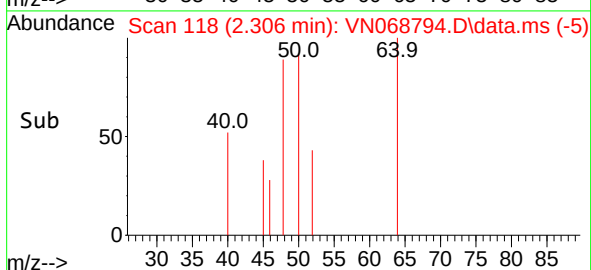
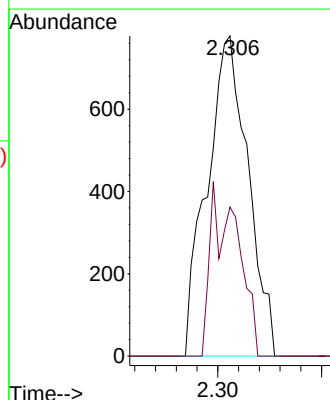
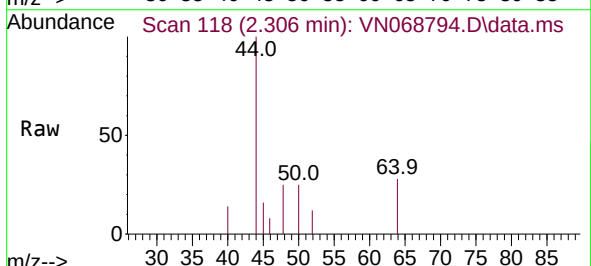
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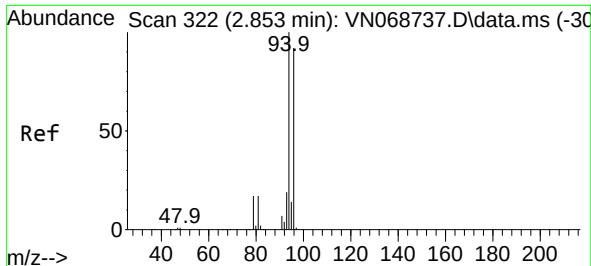
Acq: 1 Oct 2021 19:49

Tgt Ion: 50 Resp: 1068

Ion Ratio Lower Upper

50 100
52 46.5 25.6 38.4#

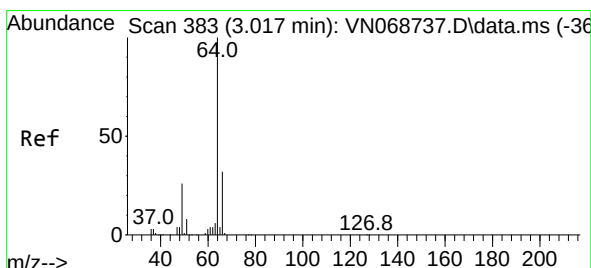
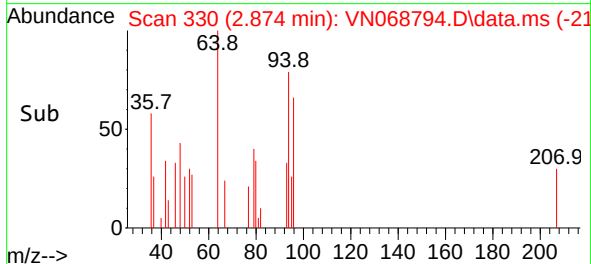
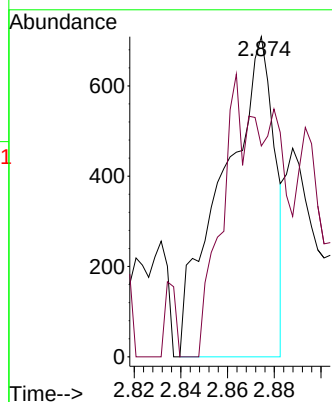
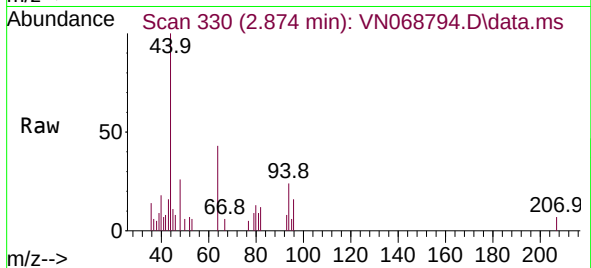




#5
Bromomethane
Concen: Below Cal
RT: 2.874 min Scan# 330
Delta R.T. 0.021 min
Lab File: VN068794.D
Acq: 1 Oct 2021 19:49

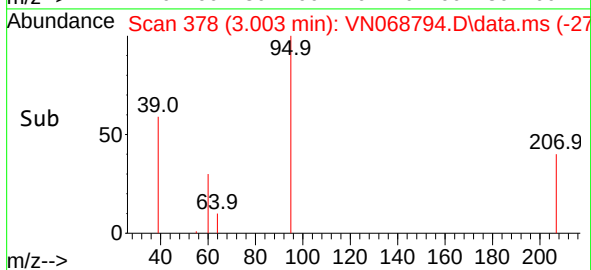
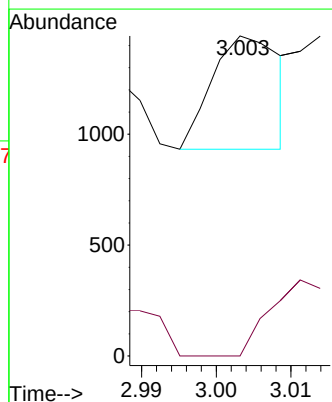
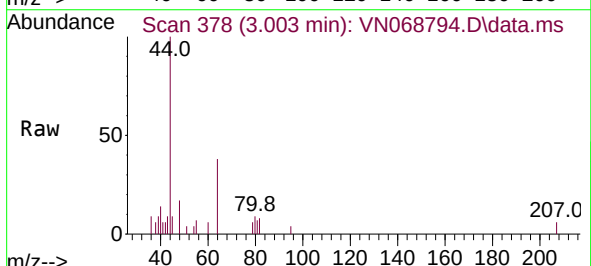
Instrument :
MSVOA_N
ClientSampled :
SW-RR-50

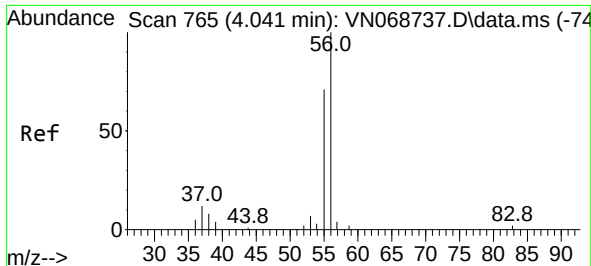
Tgt Ion: 94 Resp: 1083
Ion Ratio Lower Upper
94 100
96 65.9 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 3.003 min Scan# 378
Delta R.T. -0.014 min
Lab File: VN068794.D
Acq: 1 Oct 2021 19:49

Tgt Ion: 64 Resp: 322
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

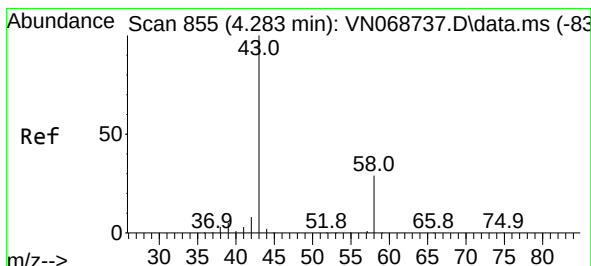
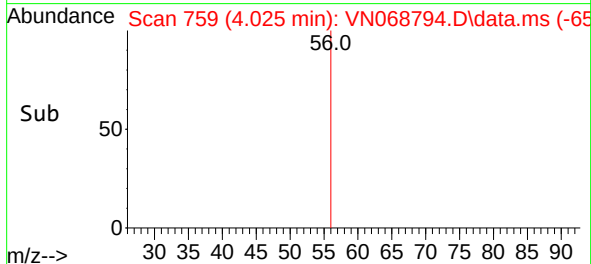
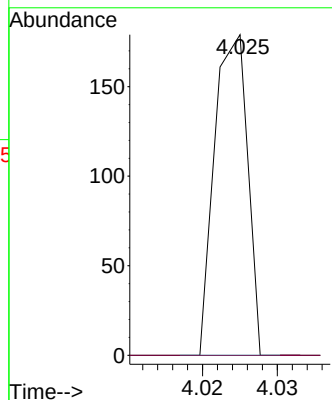
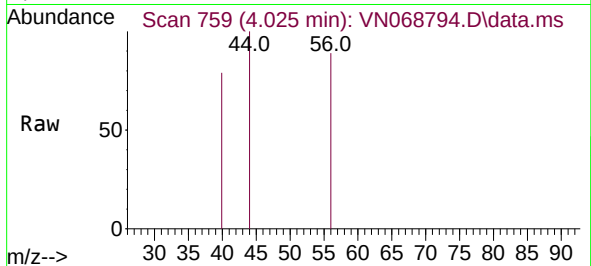




#13
Acrolein
Concen: Below Cal
RT: 4.025 min Scan# 759
Delta R.T. -0.016 min
Lab File: VN068794.D
Acq: 1 Oct 2021 19:49

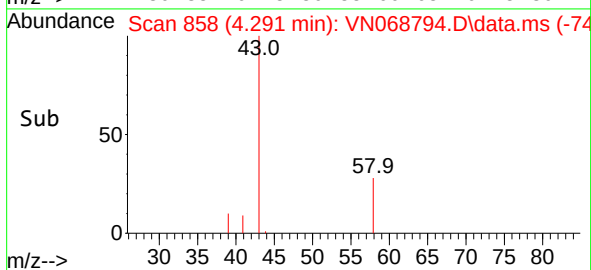
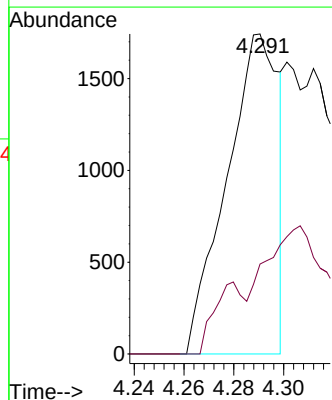
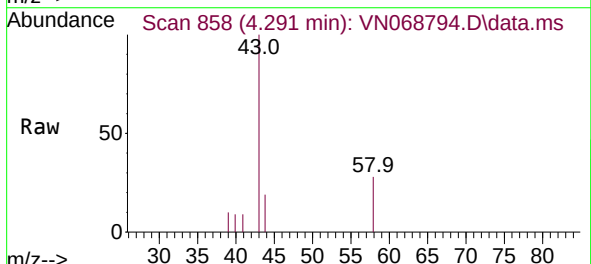
Instrument :
MSVOA_N
ClientSampleId :
SW-RR-50

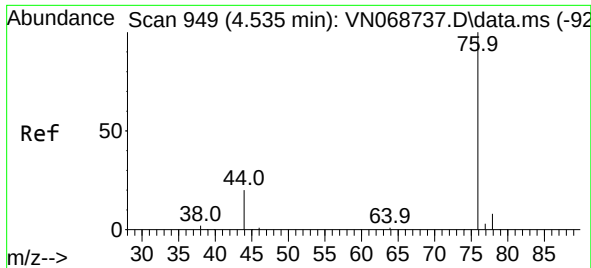
Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#16
Acetone
Concen: Below Cal
RT: 4.291 min Scan# 858
Delta R.T. 0.008 min
Lab File: VN068794.D
Acq: 1 Oct 2021 19:49

Tgt Ion: 43 Resp: 2504
Ion Ratio Lower Upper
43 100
58 28.1 21.2 31.8

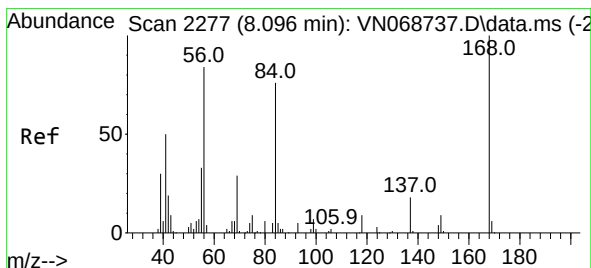
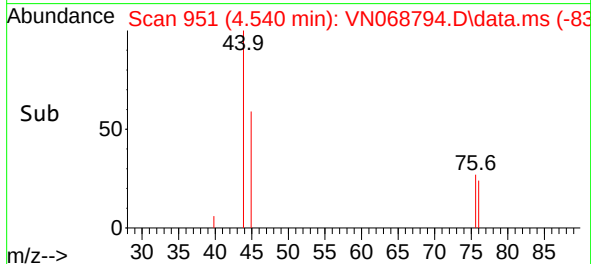
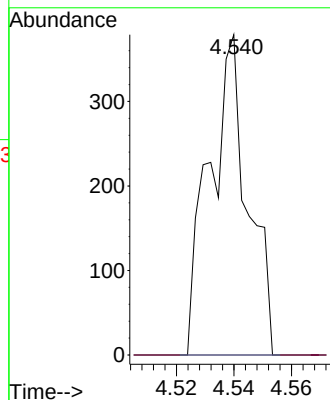
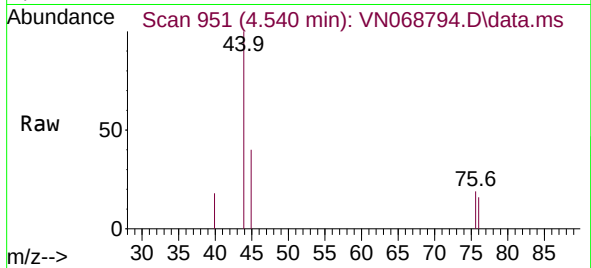




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.540 min Scan# 951
Delta R.T. 0.005 min
Lab File: VN068794.D
Acq: 1 Oct 2021 19:49

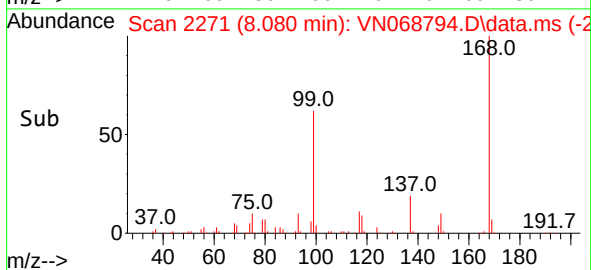
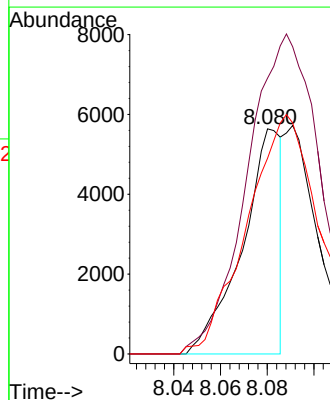
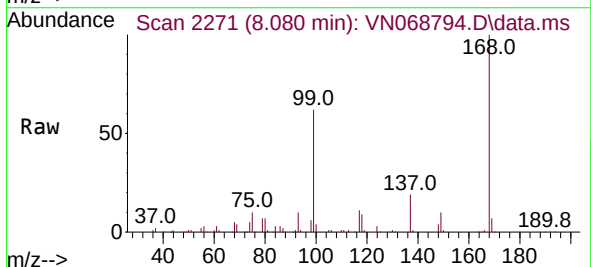
Instrument :
MSVOA_N
ClientSampled :
SW-RR-50

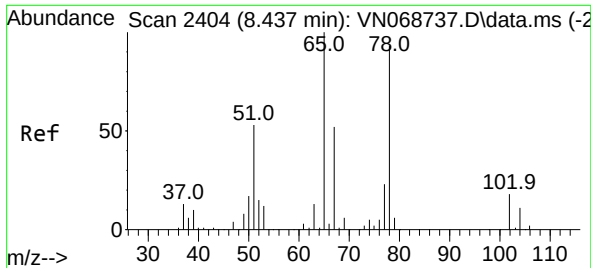
Tgt Ion: 76 Resp: 351
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#31
Cyclohexane
Concen: Below Cal
RT: 8.080 min Scan# 2271
Delta R.T. -0.016 min
Lab File: VN068794.D
Acq: 1 Oct 2021 19:49

Tgt Ion: 56 Resp: 6501
Ion Ratio Lower Upper
56 100
69 122.5 27.3 40.9#
84 86.9 64.9 97.3

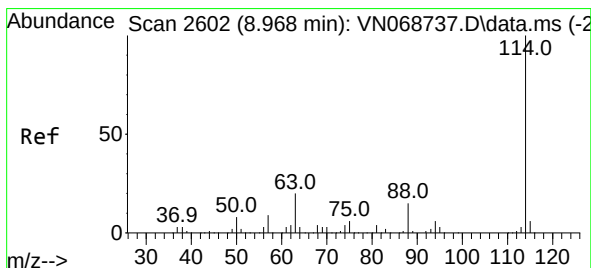
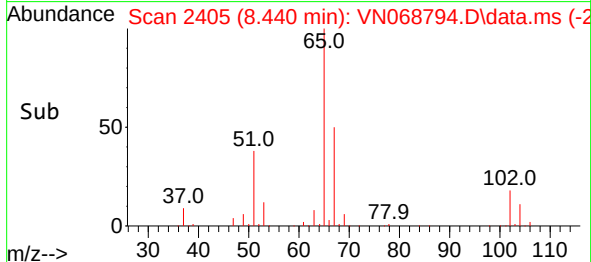
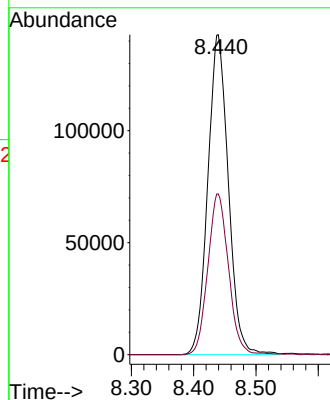
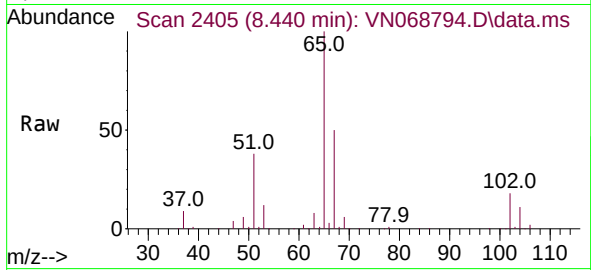




#33
 1,2-Dichloroethane-d4
 Concen: 50.818 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.003 min
 Lab File: VN068794.D
 Acq: 1 Oct 2021 19:49

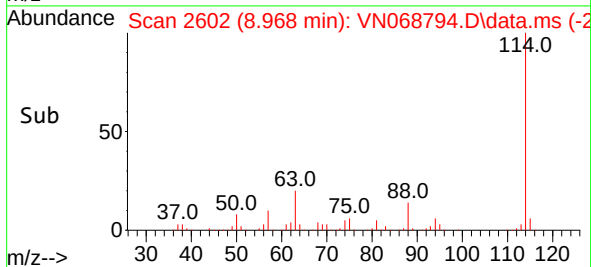
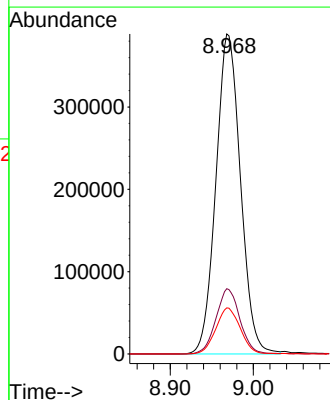
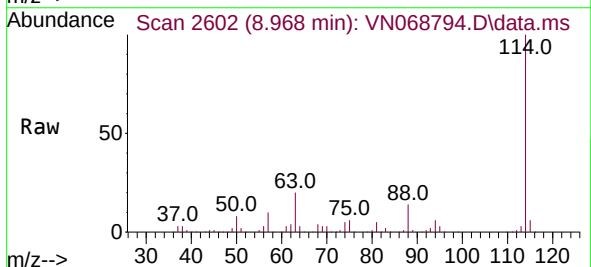
Instrument :
 MSVOA_N
 ClientSampled :
 SW-RR-50

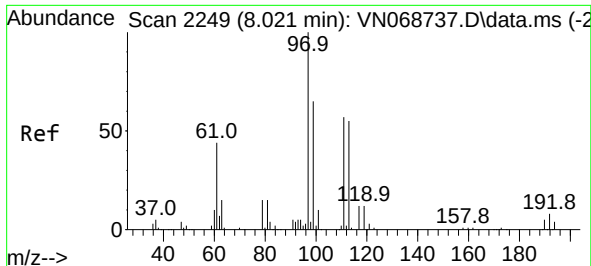
Tgt Ion: 65 Resp: 326659
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: VN068794.D
 Acq: 1 Oct 2021 19:49

Tgt Ion: 114 Resp: 799551
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 49.0
 88 14.4 0.0 36.6

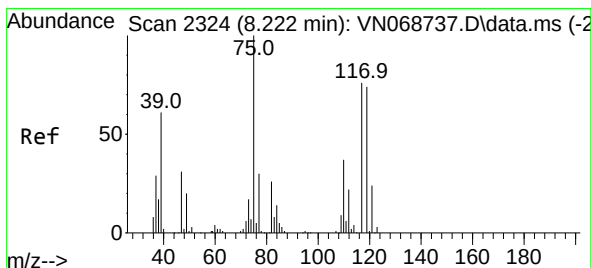
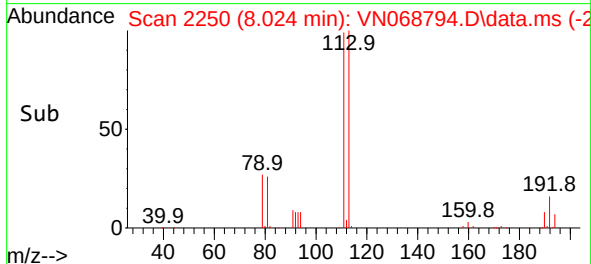
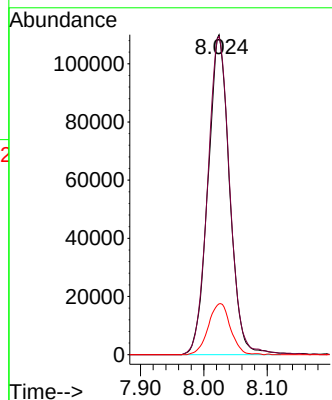
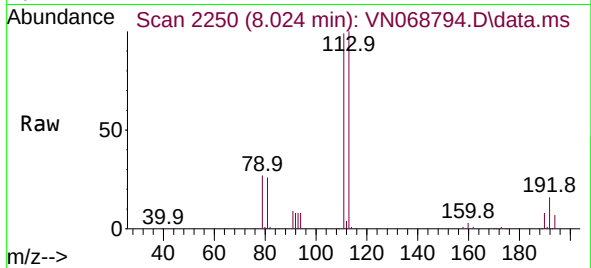




#35
Dibromofluoromethane
Concen: 52.347 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068794.D
Acq: 1 Oct 2021 19:49

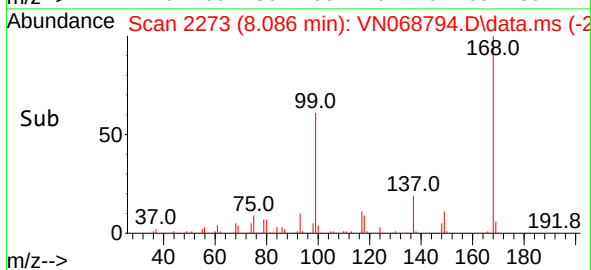
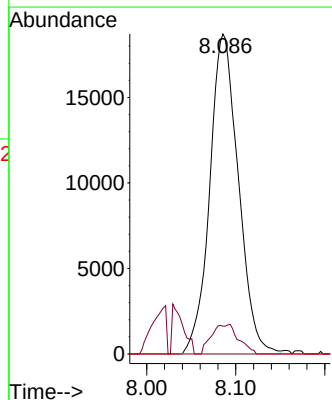
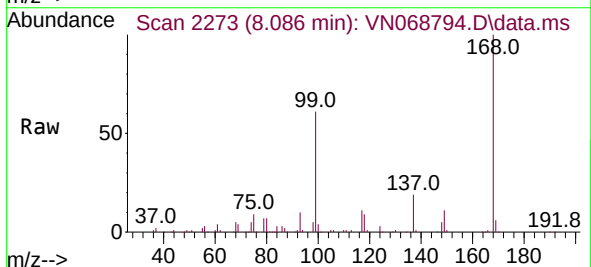
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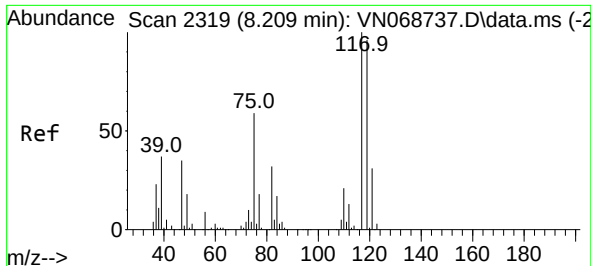
Tgt Ion:113 Resp: 260051
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.8
192 16.3 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.556 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN068794.D
Acq: 1 Oct 2021 19:49

Tgt Ion: 75 Resp: 41780
Ion Ratio Lower Upper
75 100
110 4.7 15.7 47.0#
77 0.0 24.6 37.0#

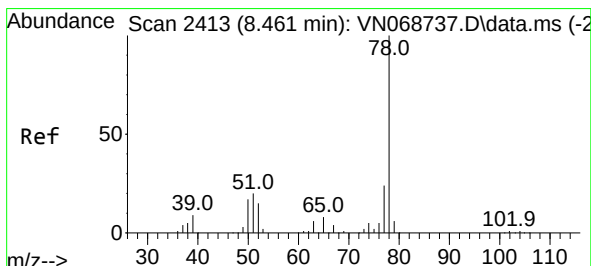
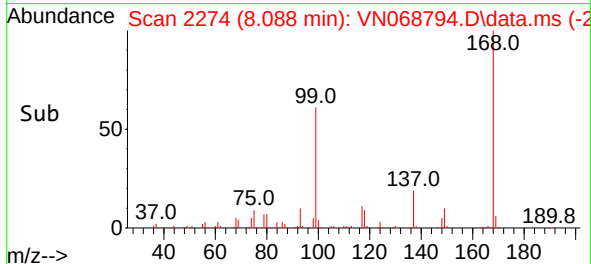
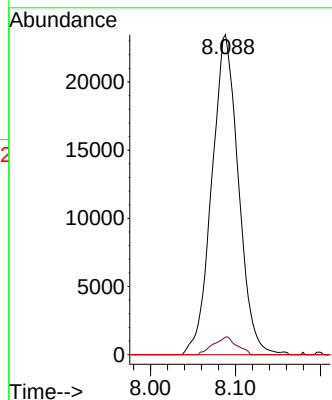
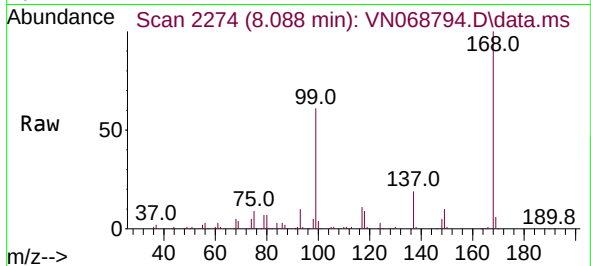




#38
Carbon Tetrachloride
Concen: 5.721 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068794.D
Acq: 1 Oct 2021 19:49

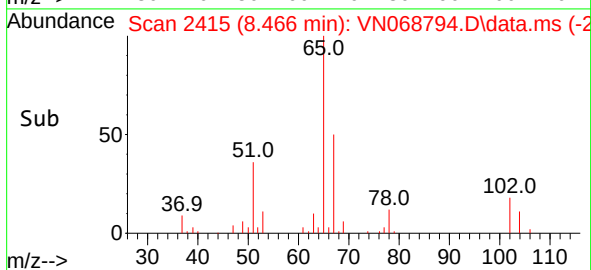
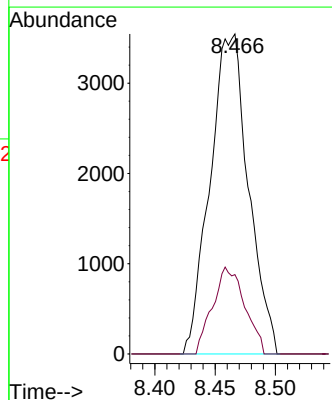
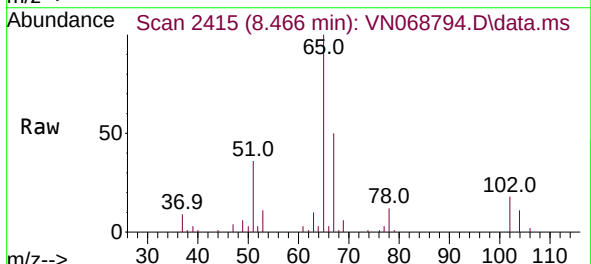
Instrument :
MSVOA_N
ClientSampleId :
SW-RR-50

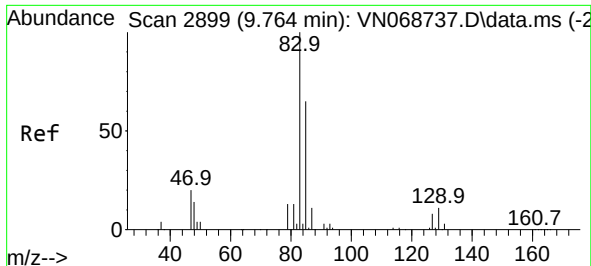
Tgt Ion:117 Resp: 51106
Ion Ratio Lower Upper
117 100
119 5.5 75.4 113.2#
121 0.0 23.5 35.3#



#40
Benzene
Concen: 0.343 ug/l
RT: 8.466 min Scan# 2415
Delta R.T. 0.005 min
Lab File: VN068794.D
Acq: 1 Oct 2021 19:49

Tgt Ion: 78 Resp: 7851
Ion Ratio Lower Upper
78 100
77 24.8 18.9 28.3

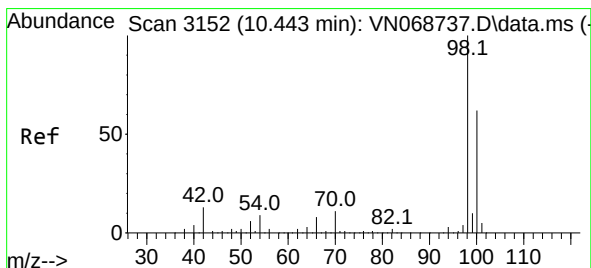
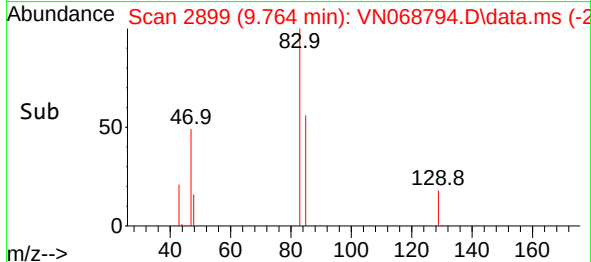
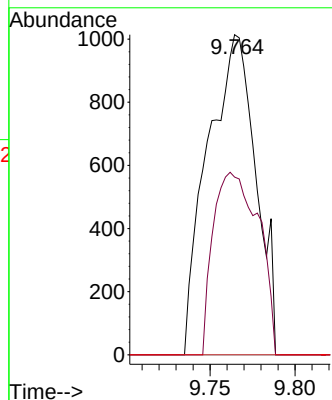
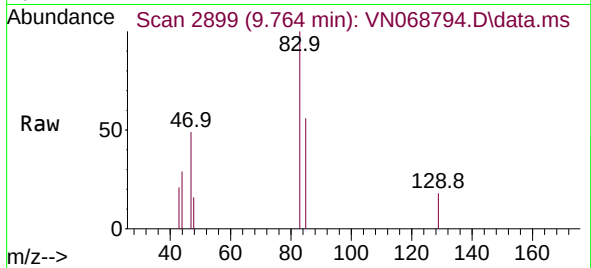




#47
Bromodichloromethane
Concen: 0.219 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN068794.D
Acq: 1 Oct 2021 19:49

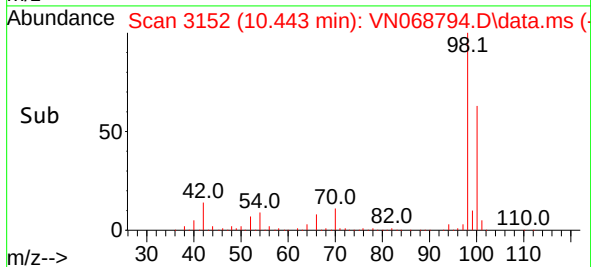
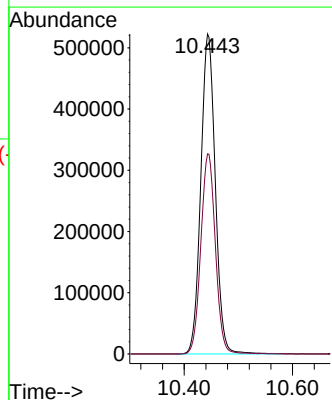
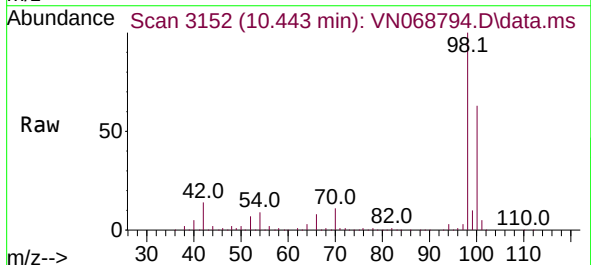
Instrument :
MSVOA_N
ClientSampled :
SW-RR-50

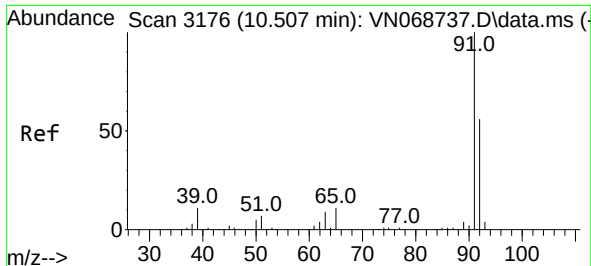
Tgt Ion: 83 Resp: 1998
Ion Ratio Lower Upper
83 100
85 55.5 49.9 74.9
127 0.0 6.1 9.1#



#50
Toluene-d8
Concen: 53.380 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068794.D
Acq: 1 Oct 2021 19:49

Tgt Ion: 98 Resp: 969028
Ion Ratio Lower Upper
98 100
100 62.6 51.7 77.5

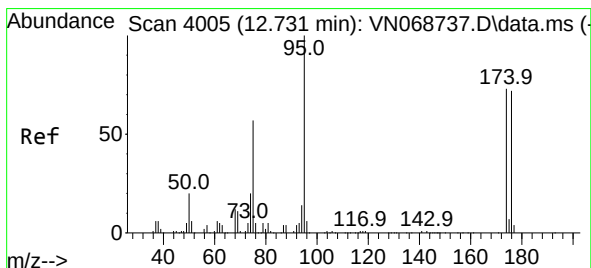
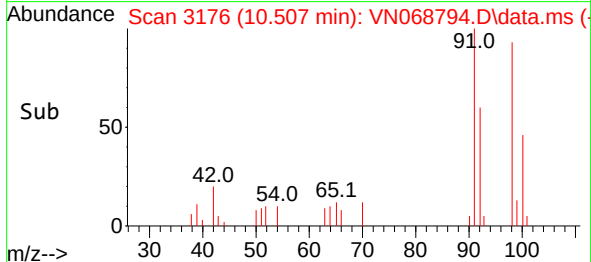
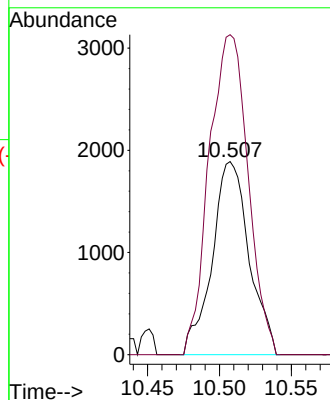
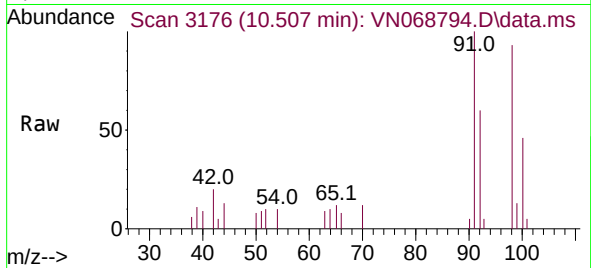




#52
Toluene
Concen: 0.221 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068794.D
Acq: 1 Oct 2021 19:49

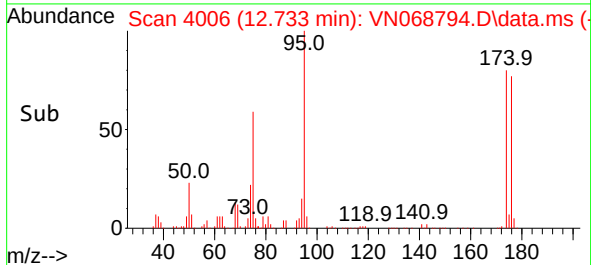
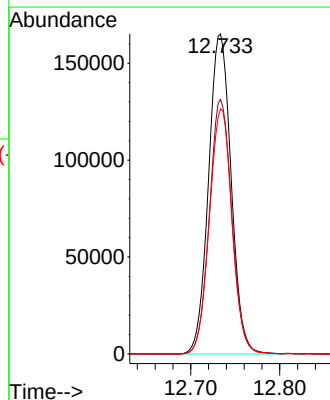
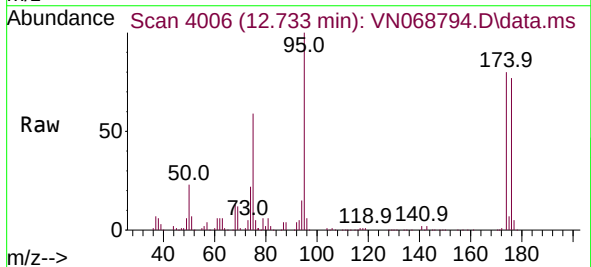
Instrument :
MSVOA_N
ClientSampled :
SW-RR-50

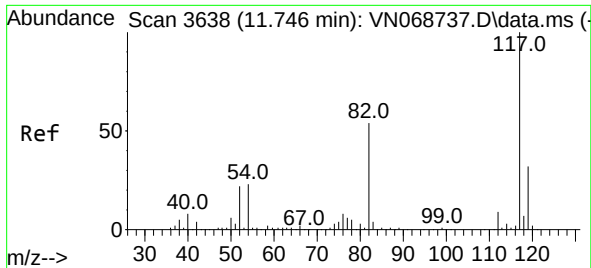
Tgt Ion: 92 Resp: 3376
Ion Ratio Lower Upper
92 100
91 174.5 139.6 209.4



#62
4-Bromofluorobenzene
Concen: 46.046 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068794.D
Acq: 1 Oct 2021 19:49

Tgt Ion: 95 Resp: 290447
Ion Ratio Lower Upper
95 100
174 79.1 0.0 122.0
176 76.6 0.0 117.6

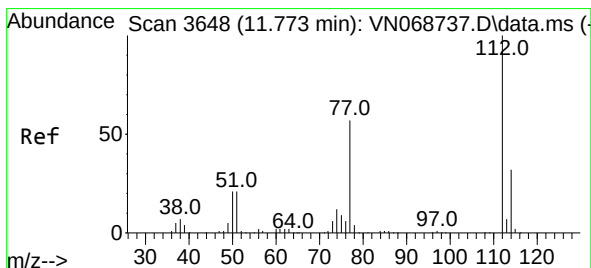
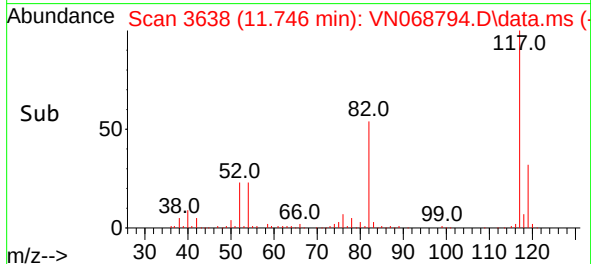
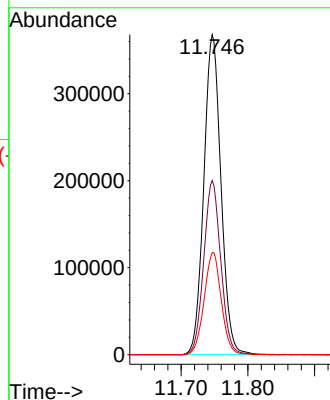
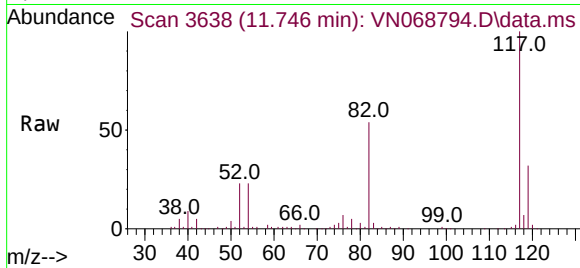




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068794.D
Acq: 1 Oct 2021 19:49

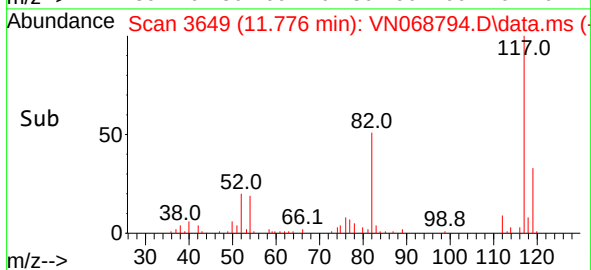
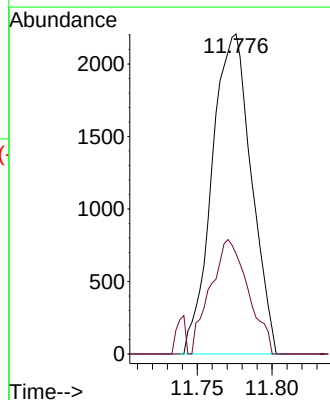
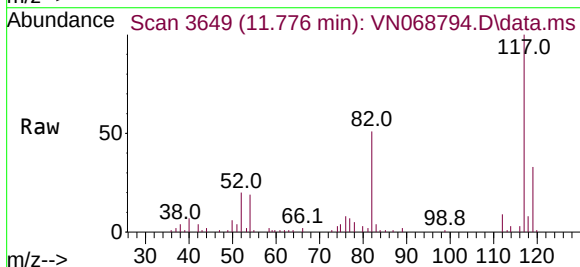
Instrument :
MSVOA_N
ClientSampleId :
SW-RR-50

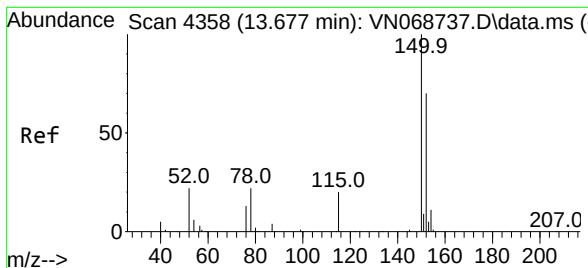
Tgt Ion:117 Resp: 657225
Ion Ratio Lower Upper
117 100
82 54.4 53.1 79.7
119 31.9 25.5 38.3



#65
Chlorobenzene
Concen: 0.270 ug/l
RT: 11.776 min Scan# 3649
Delta R.T. 0.003 min
Lab File: VN068794.D
Acq: 1 Oct 2021 19:49

Tgt Ion:112 Resp: 4042
Ion Ratio Lower Upper
112 100
114 31.3 24.6 37.0

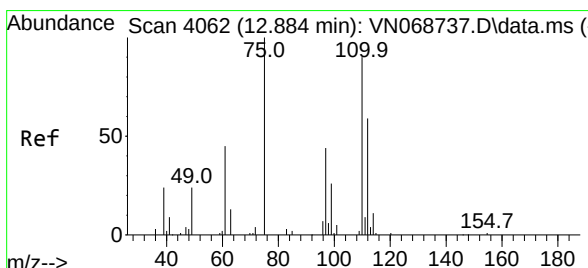
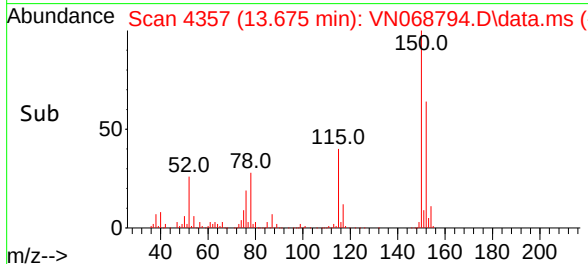
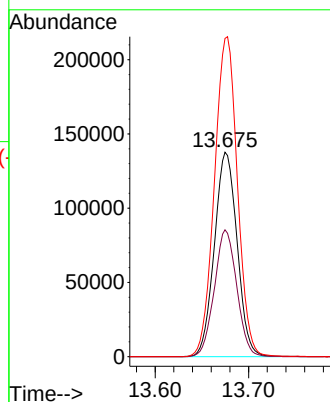
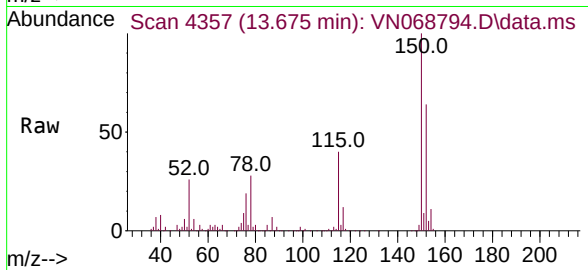




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN068794.D
Acq: 1 Oct 2021 19:49

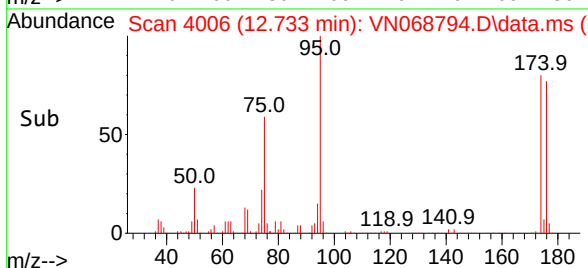
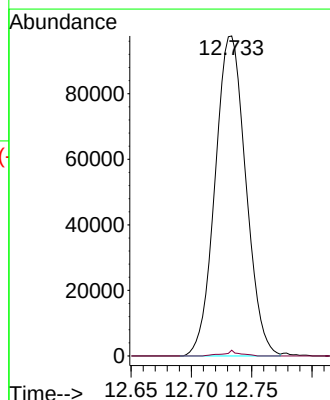
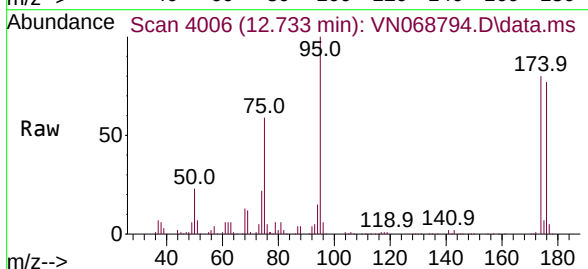
Instrument :
MSVOA_N
ClientSampled :
SW-RR-50

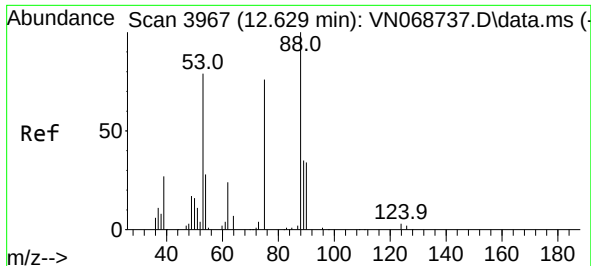
Tgt Ion:152 Resp: 233069
Ion Ratio Lower Upper
152 100
115 61.2 36.1 108.5
150 158.3 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 33.367 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN068794.D
Acq: 1 Oct 2021 19:49

Tgt Ion: 75 Resp: 172950
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#

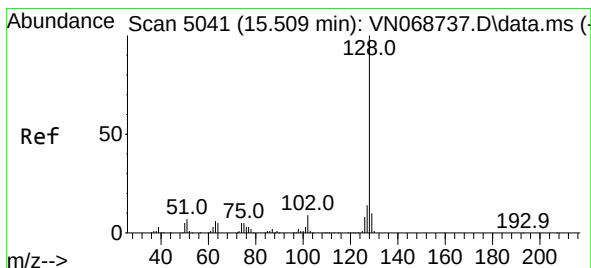
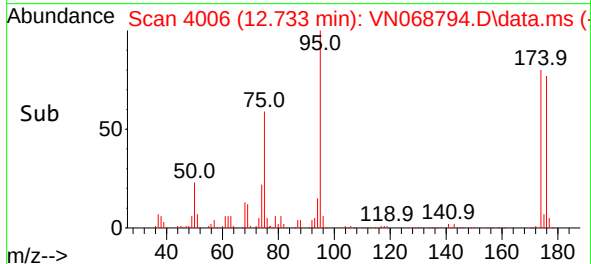
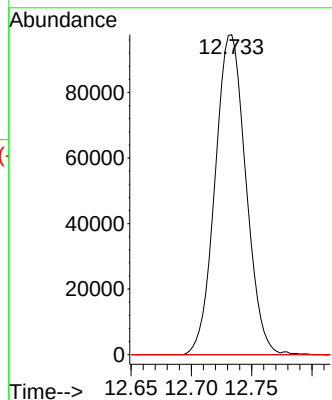
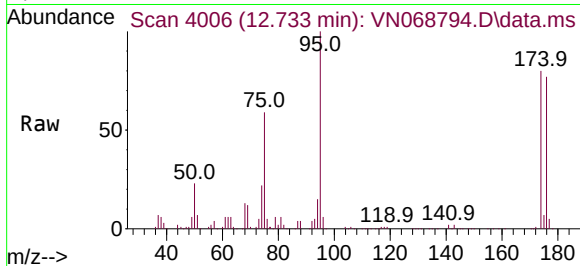




#81
trans-1,4-Dichloro-2-butene
Concen: 96.999 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068794.D
Acq: 1 Oct 2021 19:49

Instrument :
MSVOA_N
ClientSampled :
SW-RR-50

Tgt Ion: 75 Resp: 172950
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#95
Naphthalene
Concen: 1.699 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.003 min
Lab File: VN068794.D
Acq: 1 Oct 2021 19:49

Tgt Ion:128 Resp: 2852
Ion Ratio Lower Upper
128 100
127 3.2 10.6 15.8#
129 0.0 8.6 12.8#

