

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100121\
 Data File : VN068795.D
 Acq On : 1 Oct 2021 20:14
 Operator : JC/MD
 Sample : M4040-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Oct 02 04:03:35 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)

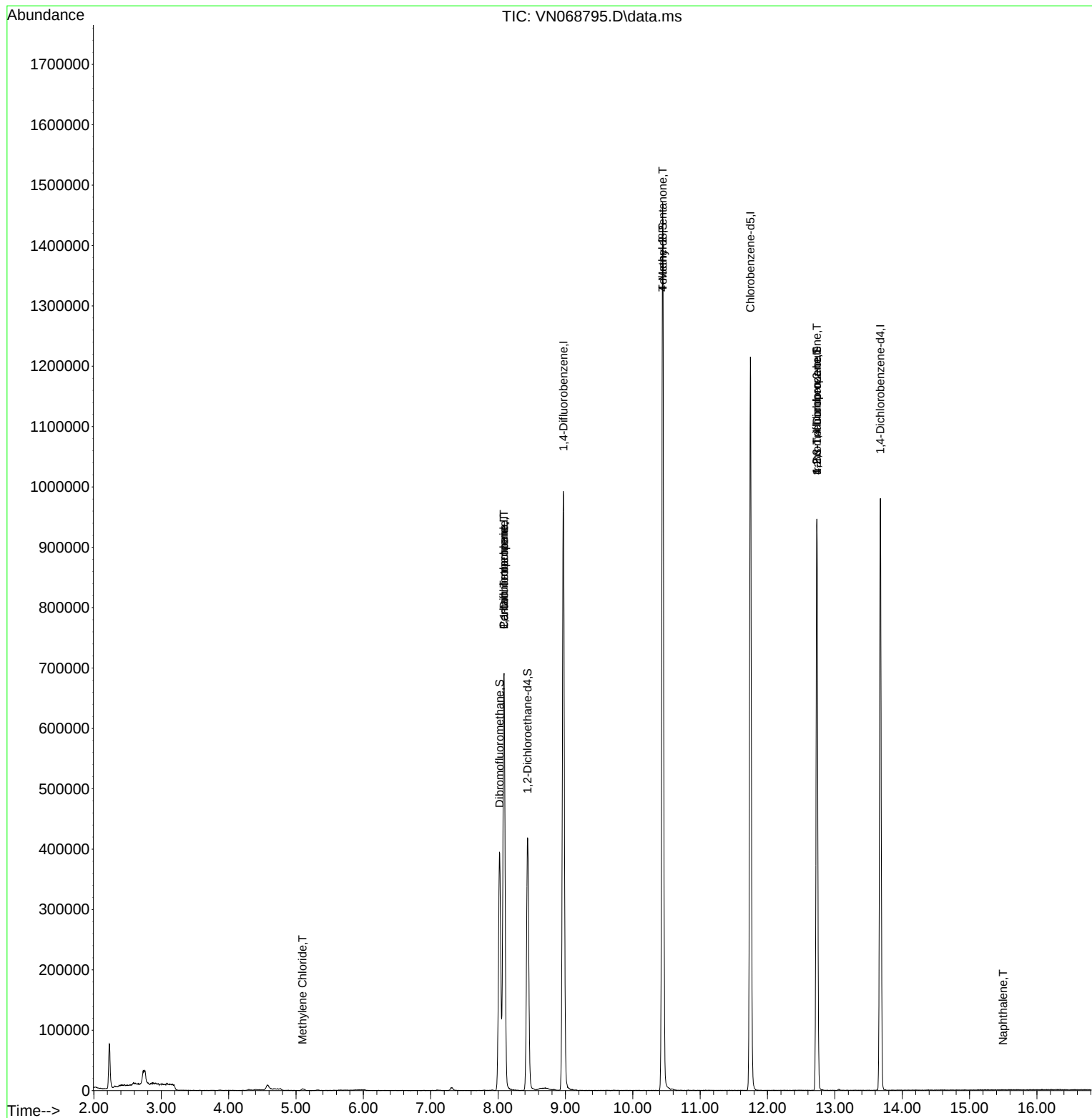
Internal Standards						
1) Pentafluorobenzene	8.088	168	496196	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	857223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	679450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	244031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	347435	50.254	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 100.500%		
35) Dibromofluoromethane	8.021	113	278007	52.197	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 104.400%		
50) Toluene-d8	10.443	98	1019004	52.357	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 104.720%		
62) 4-Bromofluorobenzene	12.734	95	301816	44.629	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 89.260%		
Target Compounds						
3) Chloromethane	2.303	50	1512	Below Cal	Qvalue 90	
5) Bromomethane	2.840	94	272	Below Cal	82	
6) Chloroethane	3.009	64	286	Below Cal	#	55
16) Acetone	4.301	43	2247	Below Cal	#	83
20) Methylene Chloride	5.095	84	1317	0.219 ug/l	#	82
31) Cyclohexane	8.091	56	13720	Below Cal	#	52
36) 1,1-Dichloropropene	8.088	75	43120	5.348 ug/l	#	52
38) Carbon Tetrachloride	8.088	117	54961	5.739 ug/l	#	16
51) 4-Methyl-2-Pentanone	10.443	43	4944	0.581 ug/l	#	1
76) 1,2,3-Trichloropropane	12.734	75	178813	32.949 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.734	75	178813	95.782 ug/l	#	6
95) Naphthalene	15.499	128	286	1.471 ug/l	#	69

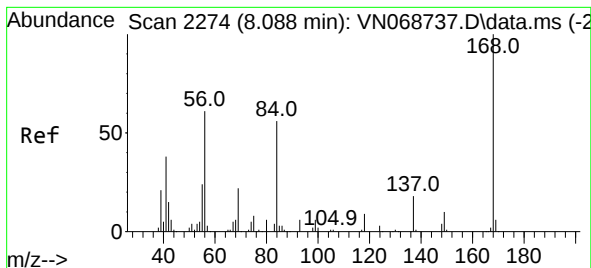
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 29 23:31:35 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.000 min

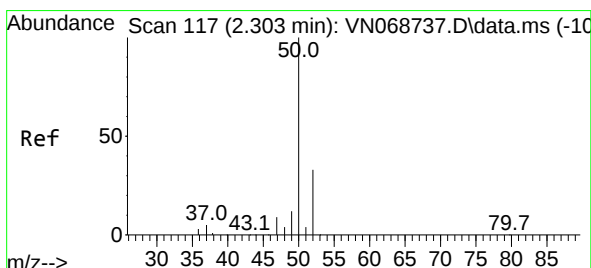
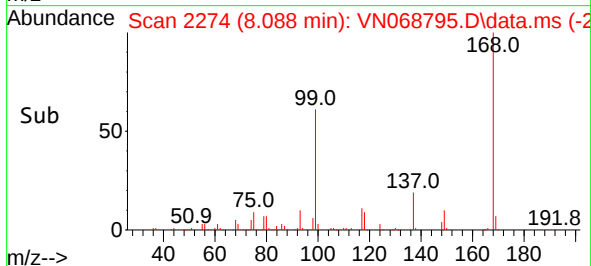
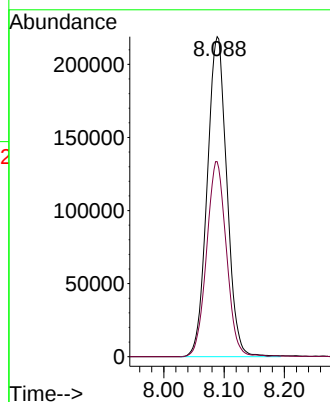
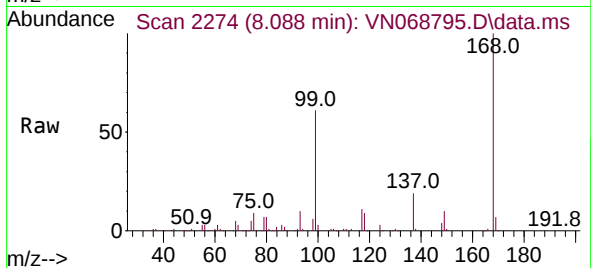
Lab File: VN068795.D

Acq: 1 Oct 2021 20:14

Tgt Ion:168 Resp: 496196

Ion Ratio Lower Upper

168 100
99 61.0 62.9 94.3#



#3

Chloromethane

Concen: Below Cal

RT: 2.303 min Scan# 117

Delta R.T. 0.000 min

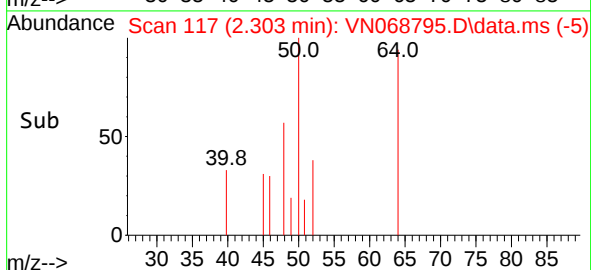
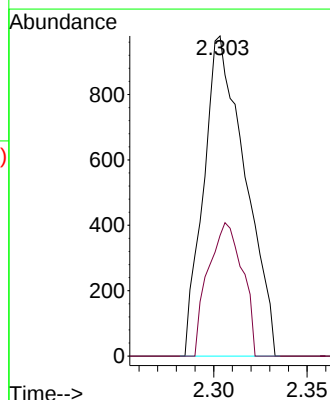
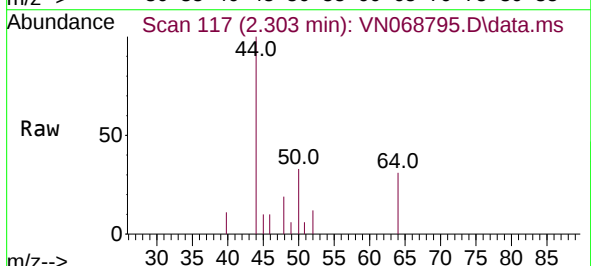
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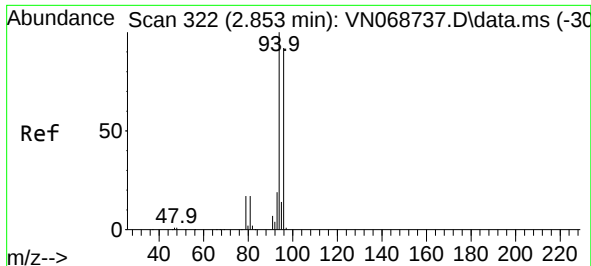
Acq: 1 Oct 2021 20:14

Tgt Ion: 50 Resp: 1512

Ion Ratio Lower Upper

50 100
52 37.7 25.6 38.4

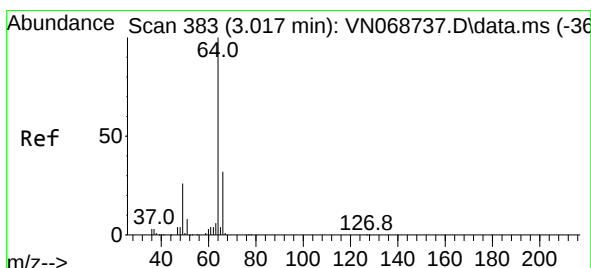
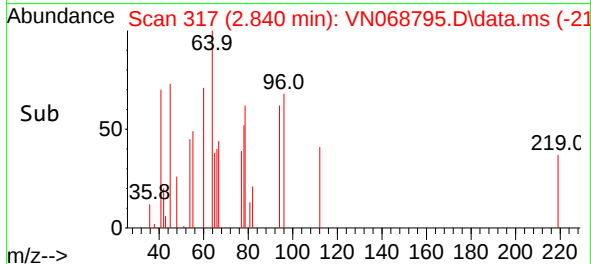
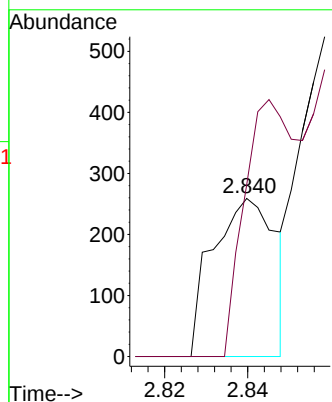
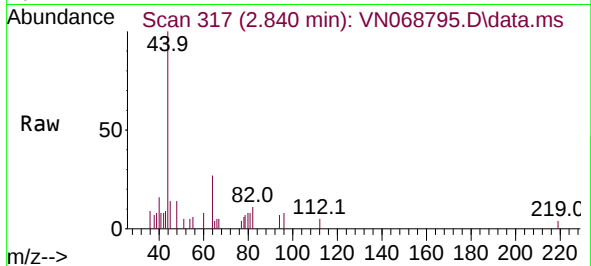




#5
Bromomethane
Concen: Below Cal
RT: 2.840 min Scan# 317
Delta R.T. -0.013 min
Lab File: VN068795.D
Acq: 1 Oct 2021 20:14

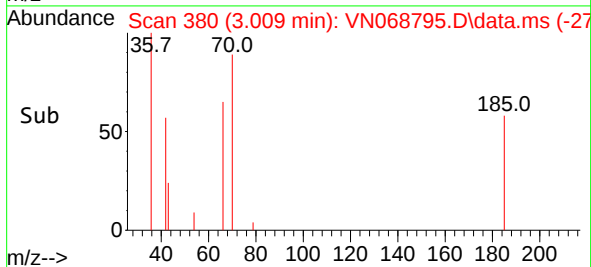
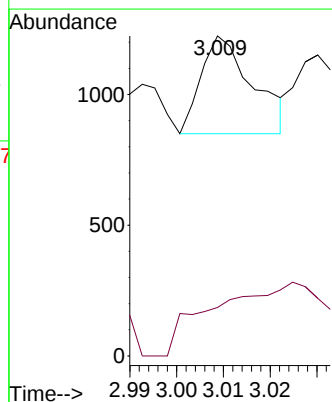
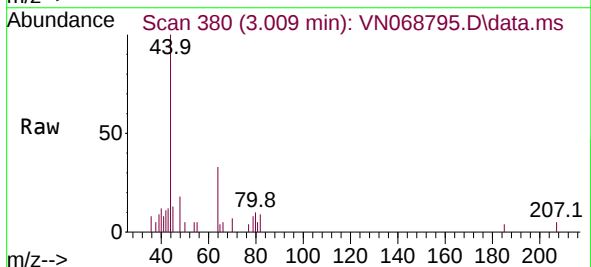
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MSVOA_N
ClientSampled :
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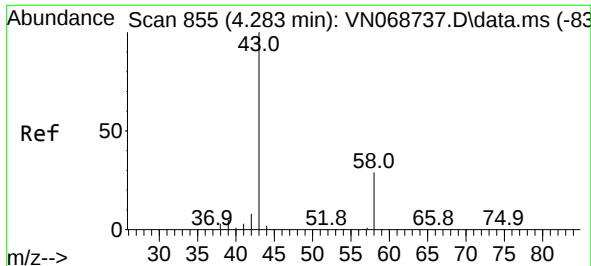
Tgt Ion: 94 Resp: 272
Ion Ratio Lower Upper
94 100
96 108.9 73.7 110.5



#6
Chloroethane
Concen: Below Cal
RT: 3.009 min Scan# 380
Delta R.T. -0.008 min
Lab File: VN068795.D
Acq: 1 Oct 2021 20:14

Tgt Ion: 64 Resp: 286
Ion Ratio Lower Upper
64 100
66 6.1 24.7 37.1#

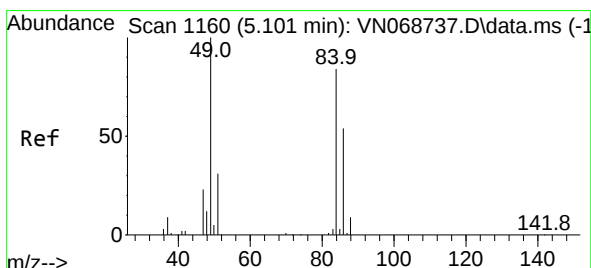
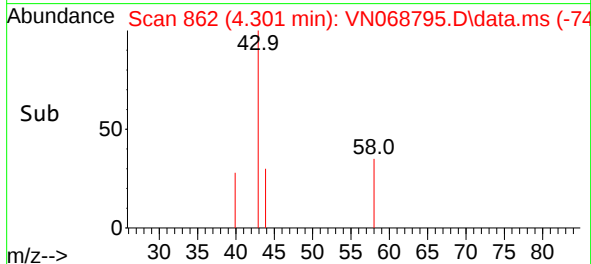
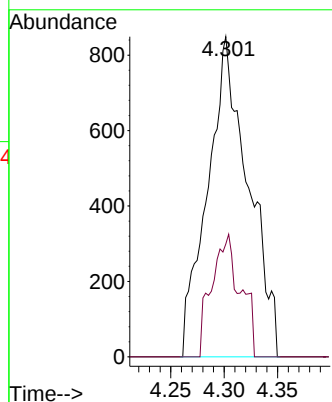
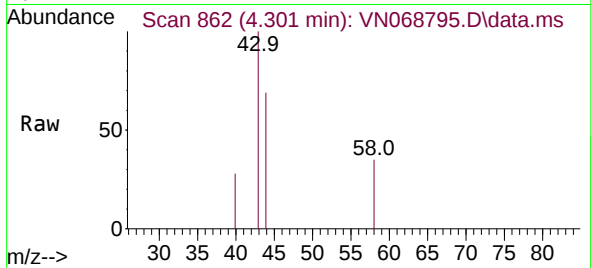




#16
Acetone
Concen: Below Cal
RT: 4.301 min Scan# 862
Delta R.T. 0.018 min
Lab File: VN068795.D
Acq: 1 Oct 2021 20:14

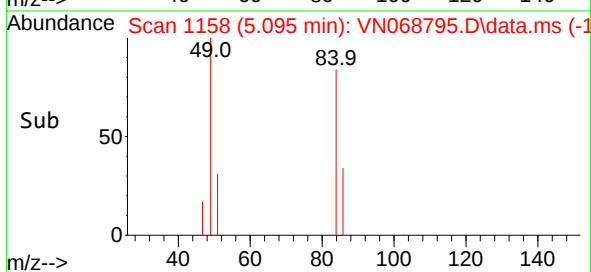
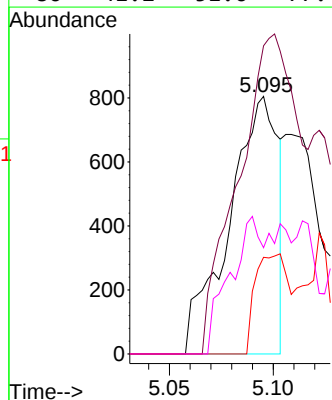
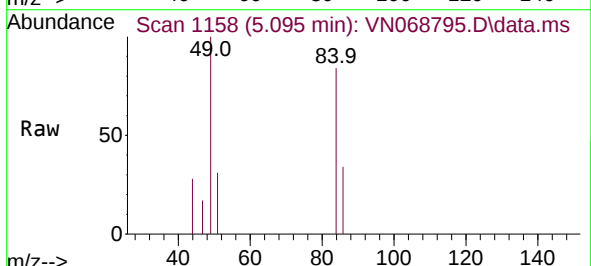
Instrument :
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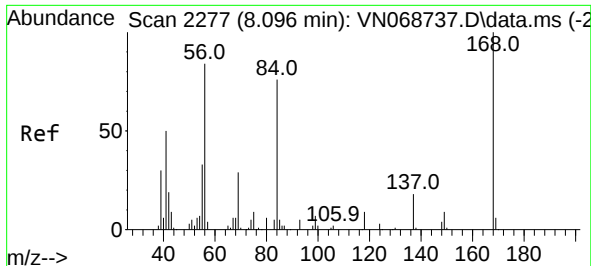
Tgt Ion: 43 Resp: 2247
Ion Ratio Lower Upper
43 100
58 35.2 21.2 31.8#



#20
Methylene Chloride
Concen: 0.219 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. -0.006 min
Lab File: VN068795.D
Acq: 1 Oct 2021 20:14

Tgt Ion: 84 Resp: 1317
Ion Ratio Lower Upper
84 100
49 119.6 110.9 166.3
51 37.5 32.6 49.0
86 41.2 51.6 77.4#

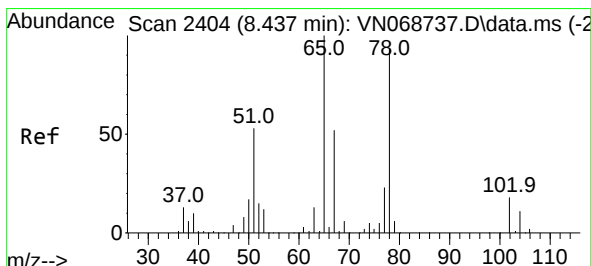
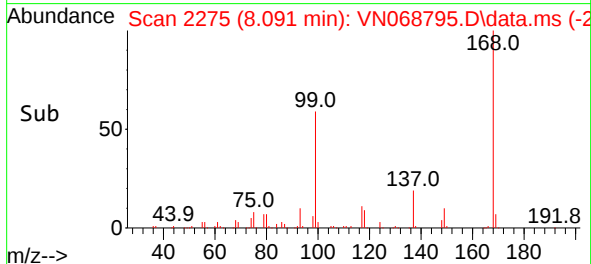
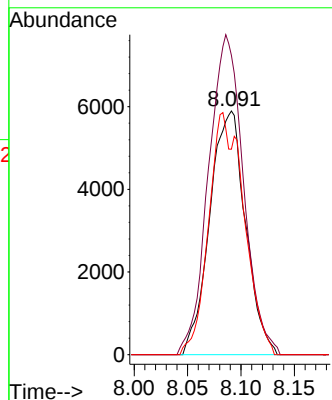
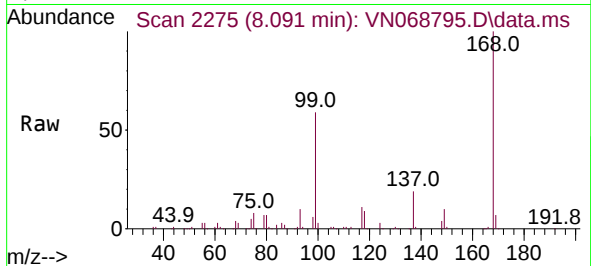




#31
Cyclohexane
Concen: Below Cal
RT: 8.091 min Scan# 2275
Delta R.T. -0.005 min
Lab File: VN068795.D
Acq: 1 Oct 2021 20:14

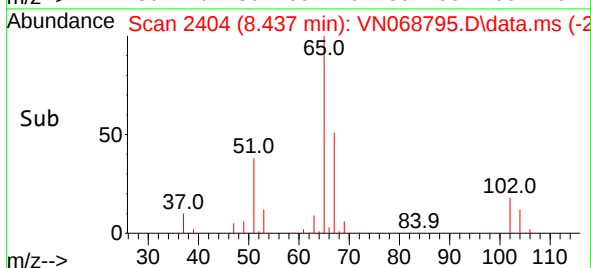
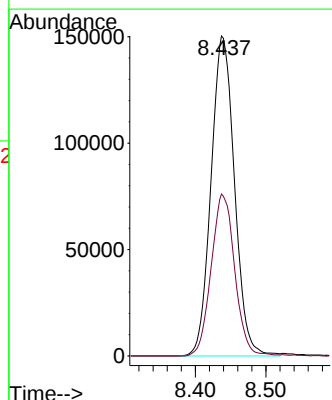
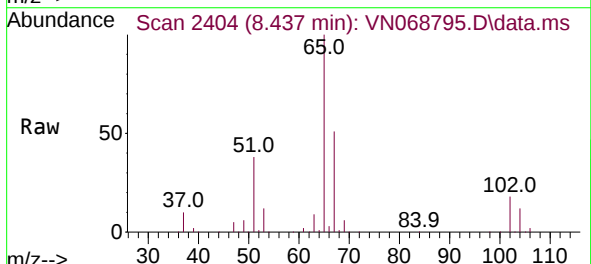
Instrument :
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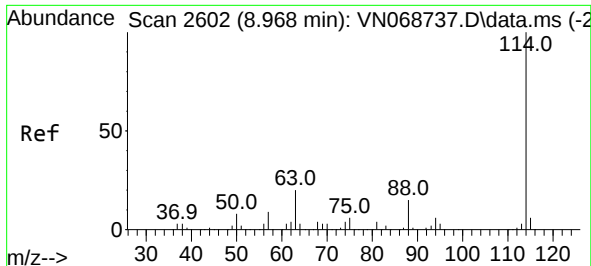
Tgt Ion: 56 Resp: 13720
Ion Ratio Lower Upper
56 100
69 122.9 27.3 40.9#
84 84.3 64.9 97.3



#33
1,2-Dichloroethane-d4
Concen: 50.254 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN068795.D
Acq: 1 Oct 2021 20:14

Tgt Ion: 65 Resp: 347435
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.6

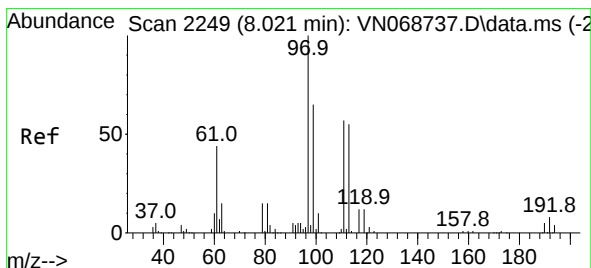
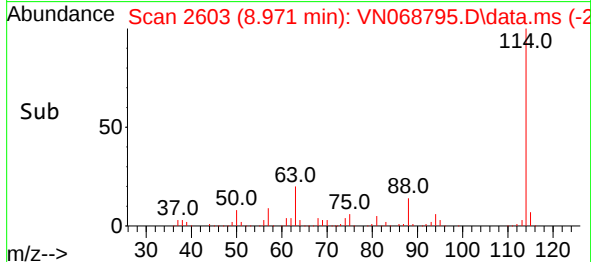
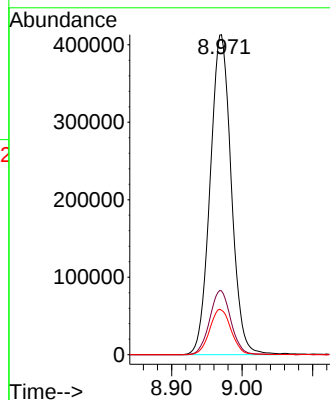
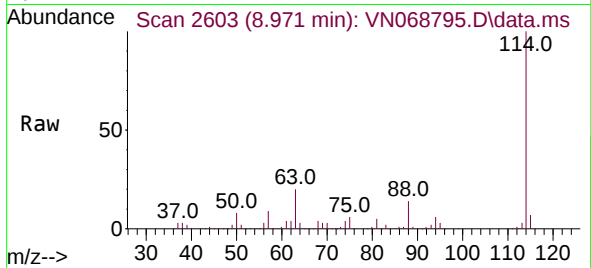




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068795.D
Acq: 1 Oct 2021 20:14

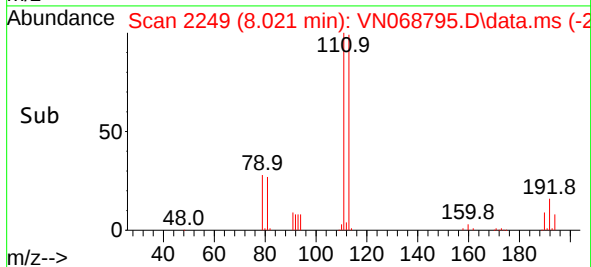
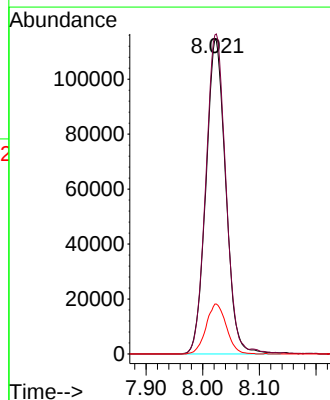
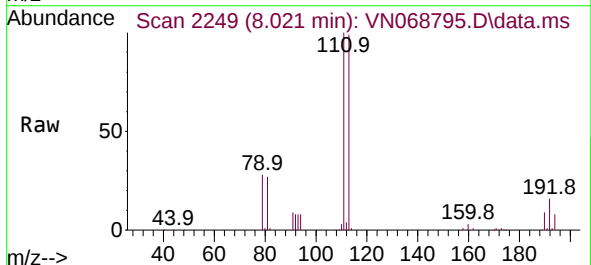
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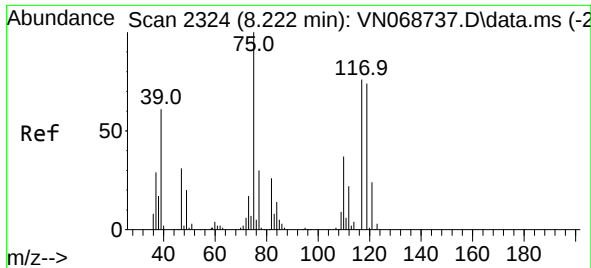
Tgt Ion:114 Resp: 857223
Ion Ratio Lower Upper
114 100
63 20.0 0.0 49.0
88 13.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.197 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN068795.D
Acq: 1 Oct 2021 20:14

Tgt Ion:113 Resp: 278007
Ion Ratio Lower Upper
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111 101.9 83.8 125.8
192 16.2 13.4 20.0

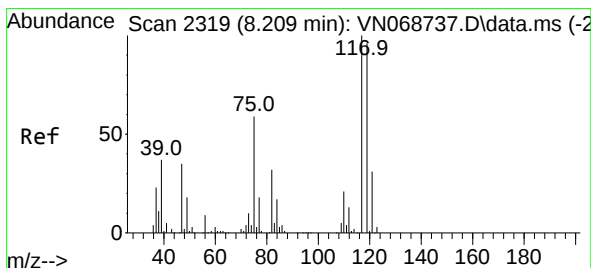
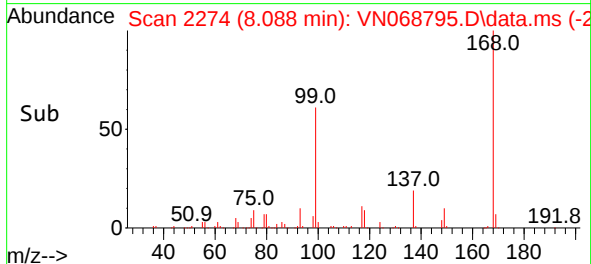
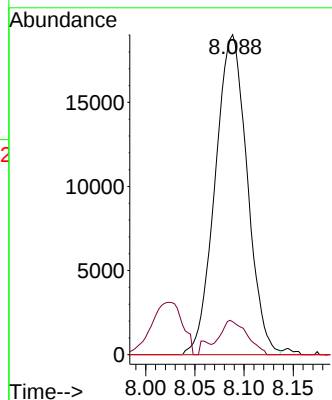
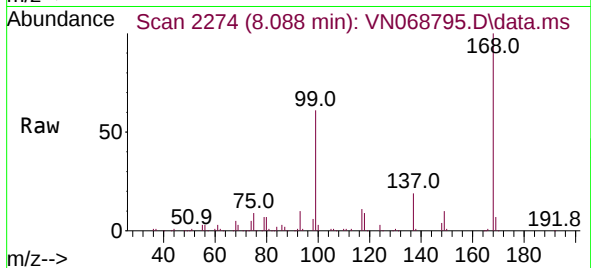




#36
1,1-Dichloropropene
Concen: 5.348 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068795.D
Acq: 1 Oct 2021 20:14

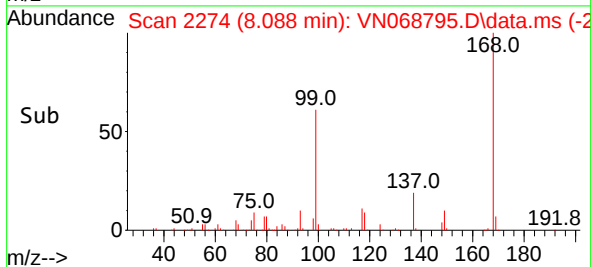
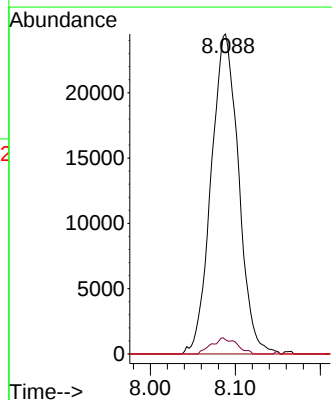
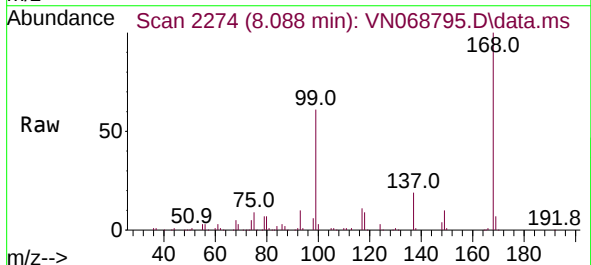
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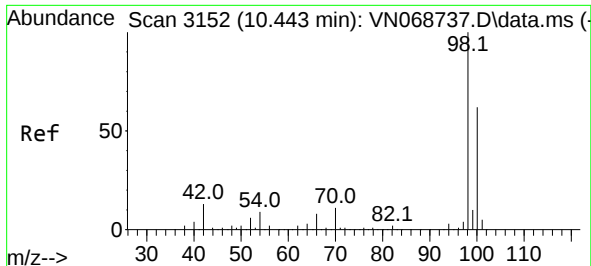
Tgt Ion: 75 Resp: 43120
Ion Ratio Lower Upper
75 100
110 8.9 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.739 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068795.D
Acq: 1 Oct 2021 20:14

Tgt Ion: 117 Resp: 54961
Ion Ratio Lower Upper
117 100
119 4.5 75.4 113.2#
121 0.0 23.5 35.3#

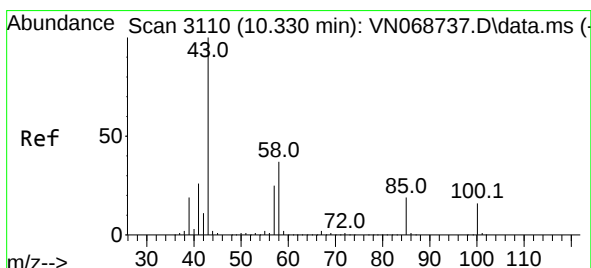
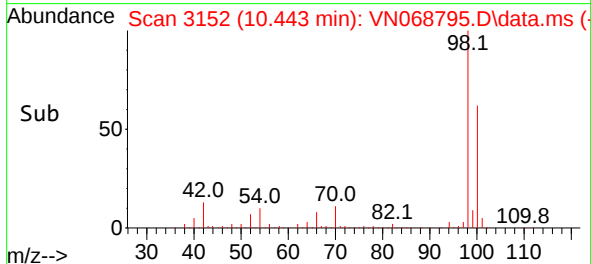
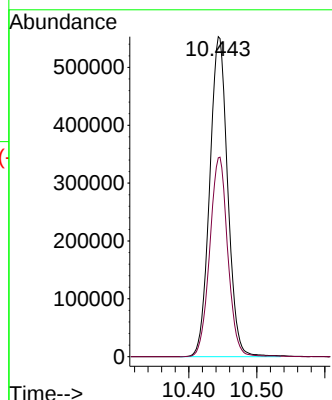
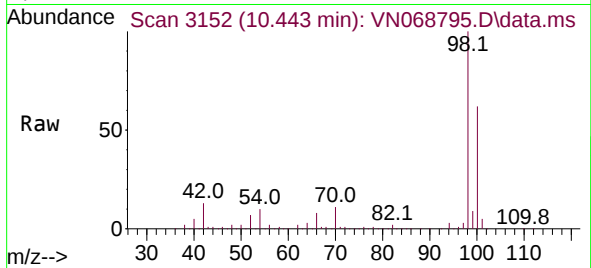




#50
Toluene-d8
Concen: 52.357 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068795.D
Acq: 1 Oct 2021 20:14

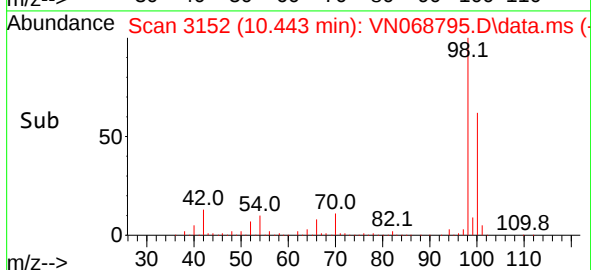
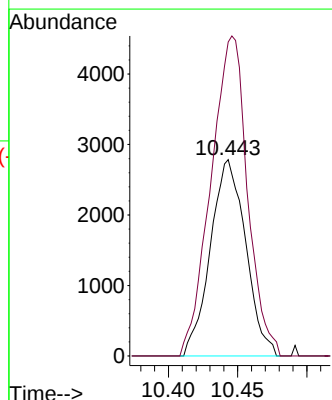
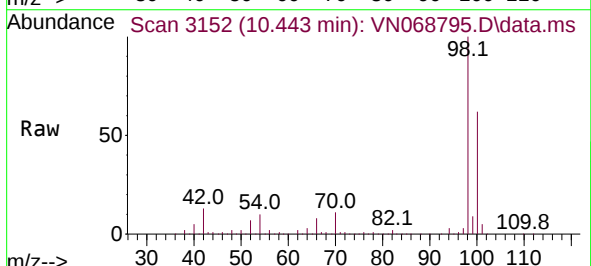
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ClientSampleId :
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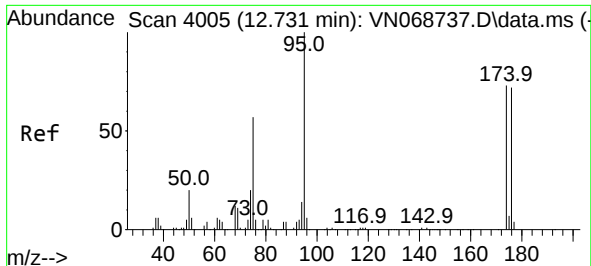
Tgt Ion: 98 Resp: 1019004
Ion Ratio Lower Upper
98 100
100 62.1 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.581 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.113 min
Lab File: VN068795.D
Acq: 1 Oct 2021 20:14

Tgt Ion: 43 Resp: 4944
Ion Ratio Lower Upper
43 100
58 168.6 28.6 43.0#

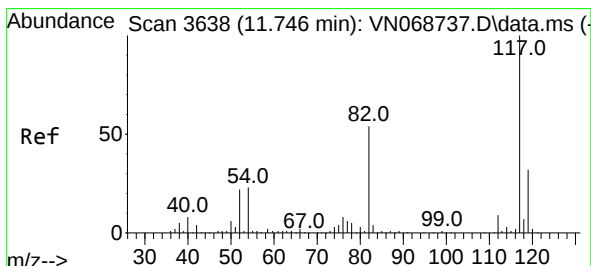
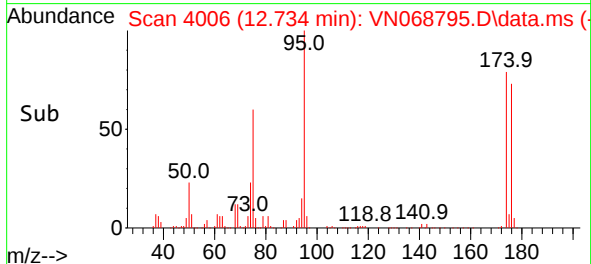
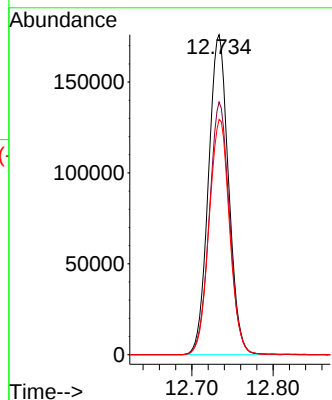
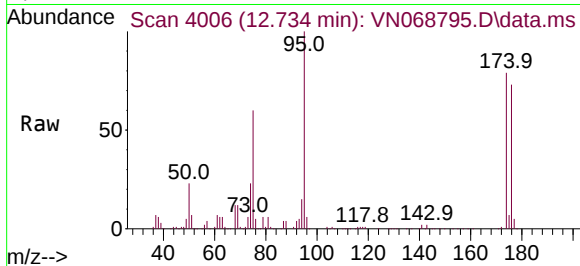




#62
4-Bromofluorobenzene
Concen: 44.629 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068795.D
Acq: 1 Oct 2021 20:14

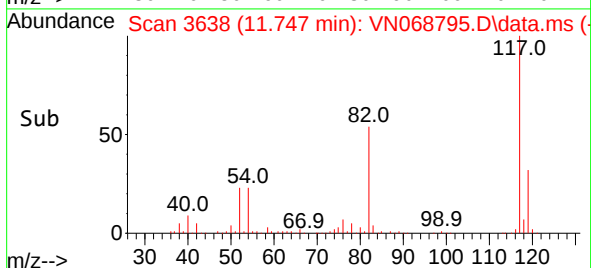
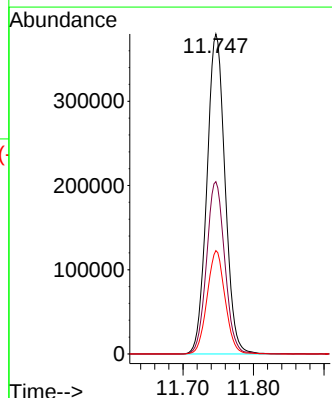
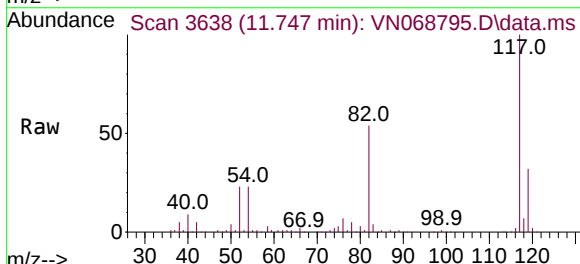
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ClientSampleId :
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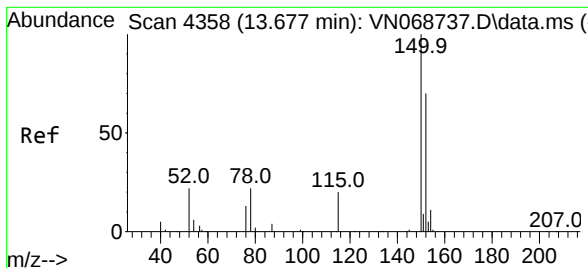
Tgt Ion: 95 Resp: 301816
Ion Ratio Lower Upper
95 100
174 79.3 0.0 122.0
176 75.1 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN068795.D
Acq: 1 Oct 2021 20:14

Tgt Ion: 117 Resp: 679450
Ion Ratio Lower Upper
117 100
82 53.9 53.1 79.7
119 32.3 25.5 38.3

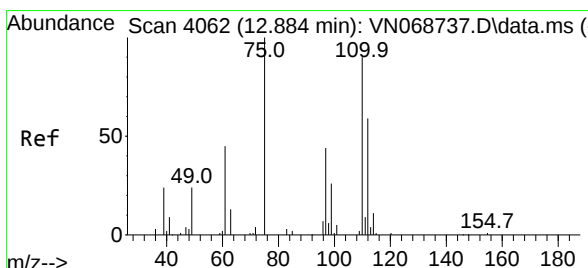
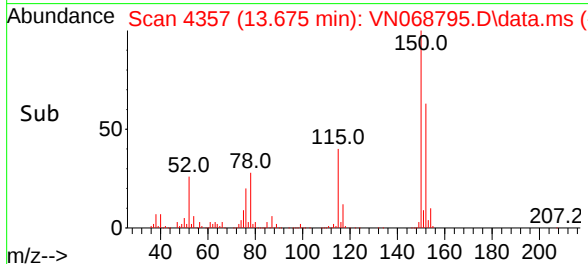
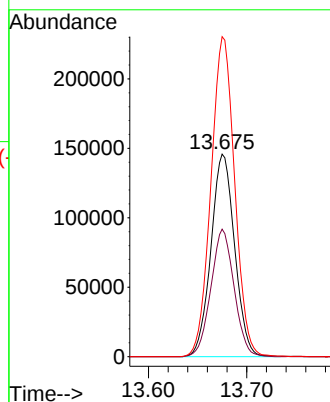
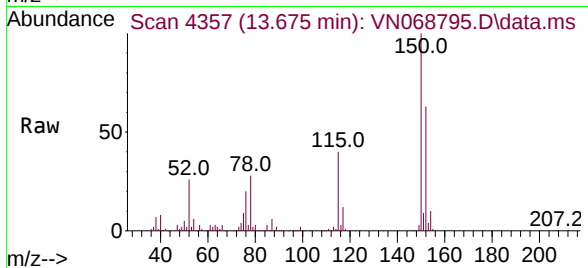




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 4357
 Delta R.T. -0.002 min
 Lab File: VN068795.D
 Acq: 1 Oct 2021 20:14

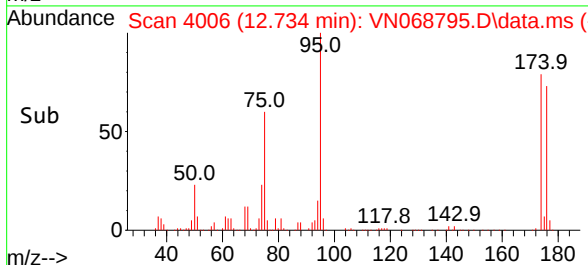
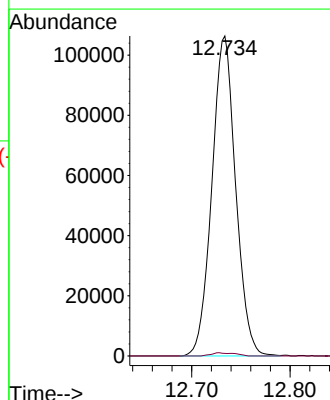
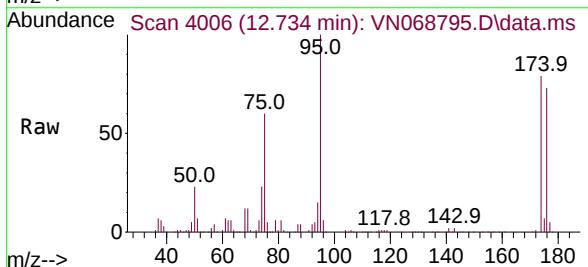
Instrument :
 MSVOA_N
 ClientSampled :
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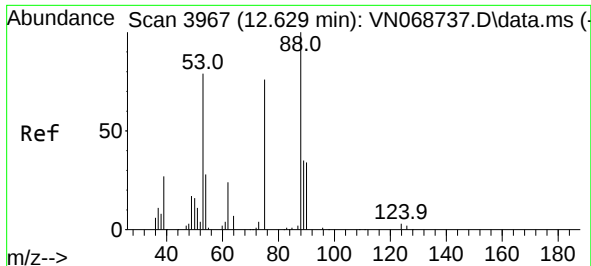
Tgt Ion:152 Resp: 244031
 Ion Ratio Lower Upper
 152 100
 115 61.6 36.1 108.5
 150 158.2 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 32.949 ug/l
 RT: 12.734 min Scan# 4006
 Delta R.T. -0.150 min
 Lab File: VN068795.D
 Acq: 1 Oct 2021 20:14

Tgt Ion: 75 Resp: 178813
 Ion Ratio Lower Upper
 75 100
 77 0.6 0.0 0.0#

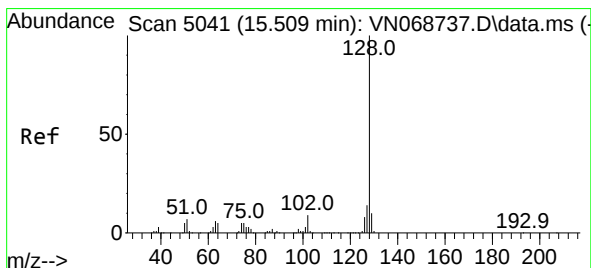
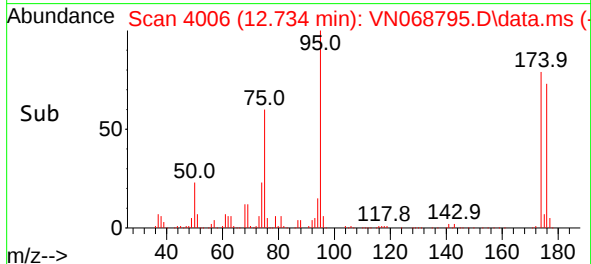
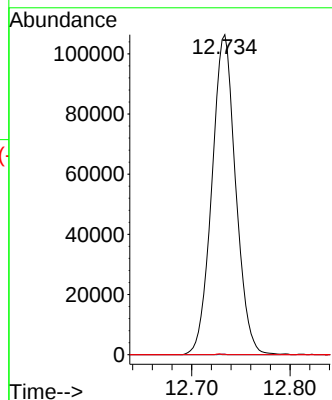
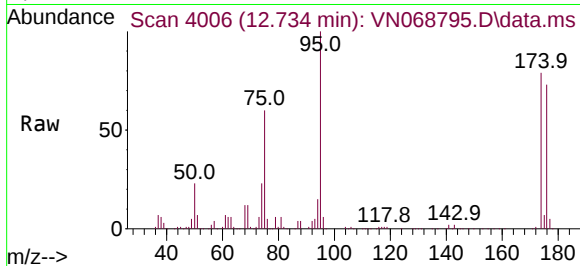




#81
trans-1,4-Dichloro-2-butene
Concen: 95.782 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN068795.D
Acq: 1 Oct 2021 20:14

Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK

Tgt Ion: 75 Resp: 178813
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#



#95
Naphthalene
Concen: 1.471 ug/l
RT: 15.499 min Scan# 5037
Delta R.T. -0.010 min
Lab File: VN068795.D
Acq: 1 Oct 2021 20:14

Tgt Ion:128 Resp: 286
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

