

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100121\
 Data File : VN068789.D
 Acq On : 1 Oct 2021 17:43
 Operator : JC/MD
 Sample : M3915-17
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE109D3-20210922

Quant Time: Oct 02 04:01:38 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)

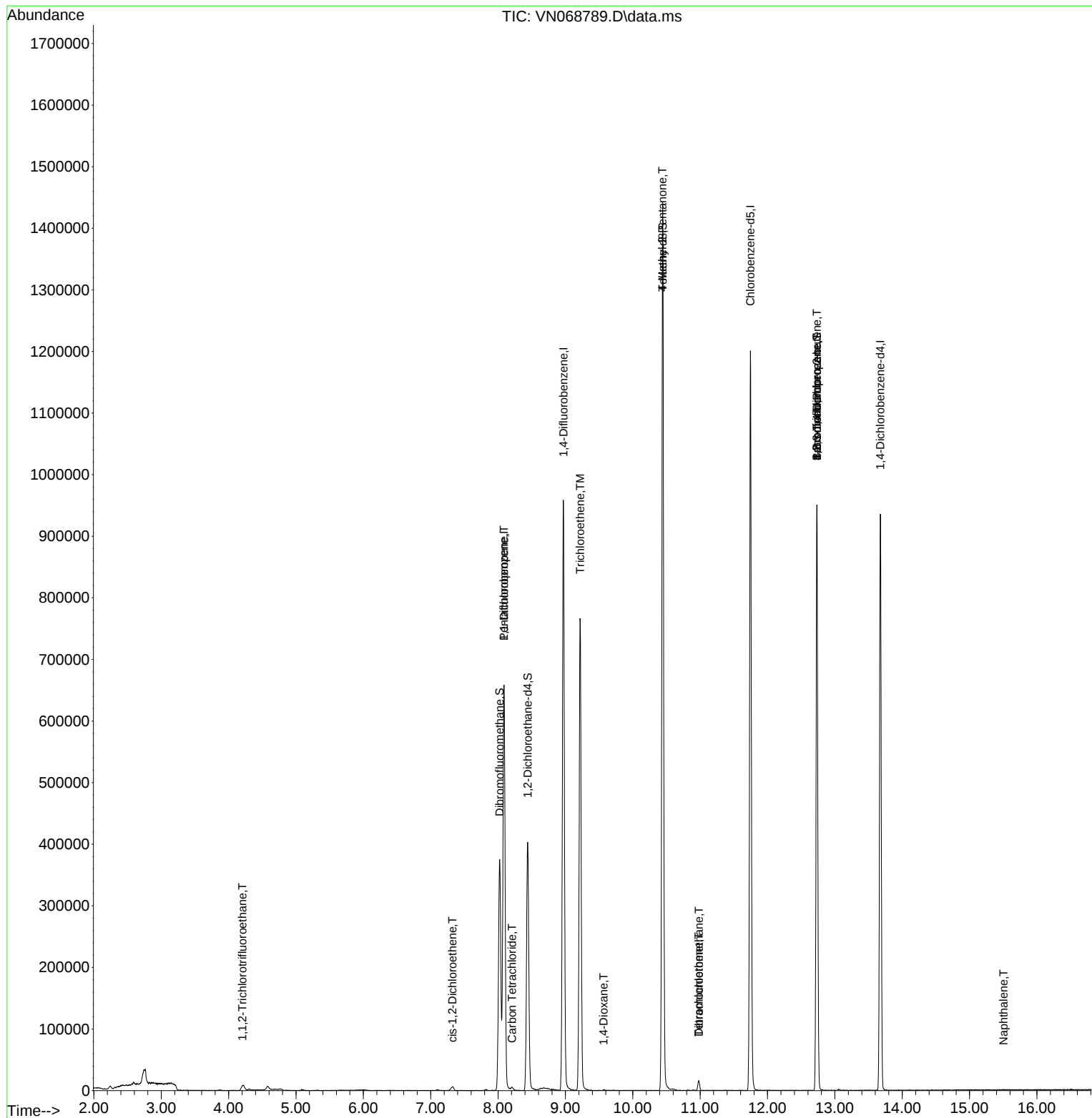
Internal Standards						
1) Pentafluorobenzene	8.088	168	471799	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	817212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	661890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	239472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	334840	50.936	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.880%			
35) Dibromofluoromethane	8.021	113	265964	52.381	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.760%			
50) Toluene-d8	10.443	98	982155	52.934	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.860%			
62) 4-Bromofluorobenzene	12.733	95	294831	45.730	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.460%			
Target Compounds						
						Qvalue
3) Chloromethane	2.303	50	1022	Below Cal		92
5) Bromomethane	2.853	94	692	Below Cal	#	50
6) Chloroethane	3.017	64	169	Below Cal	#	1
9) 1,1,2-Trichlorotrifluo...	4.205	101	2383	0.461	ug/l #	51
16) Acetone	4.307	43	2855	Below Cal		96
17) Carbon Disulfide	4.532	76	170	Below Cal	#	74
27) cis-1,2-Dichloroethene	7.324	96	2444	0.381	ug/l	70
31) Cyclohexane	8.088	56	12895	Below Cal	#	28
36) 1,1-Dichloropropene	8.088	75	40362	5.251	ug/l #	53
38) Carbon Tetrachloride	8.206	117	2070	0.227	ug/l #	89
44) Trichloroethene	9.217	130	265475	42.497	ug/l	86
49) 1,4-Dioxane	9.566	88	814	8.947	ug/l #	46
51) 4-Methyl-2-Pentanone	10.440	43	4828	0.595	ug/l #	1
60) Dibromochloromethane	10.982	129	3377	0.483	ug/l #	11
64) Tetrachloroethene	10.977	164	3394	0.687	ug/l #	82
71) Bromoform	12.733	173	1903	0.462	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	174548	32.775	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	174548	95.278	ug/l #	6
95) Naphthalene	15.504	128	184	1.463	ug/l #	69

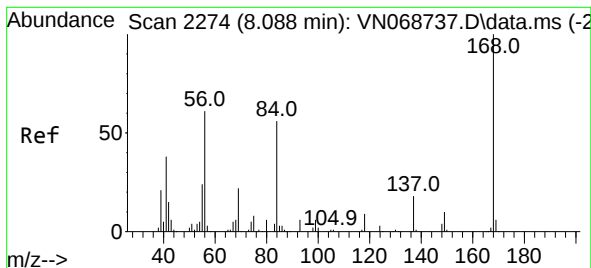
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VN068789.D

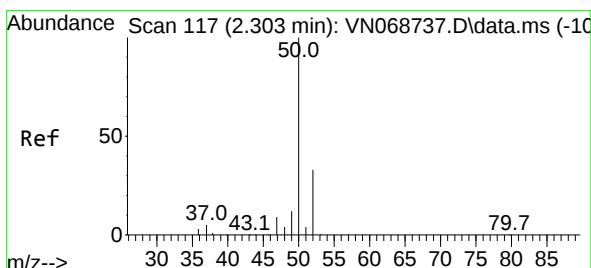
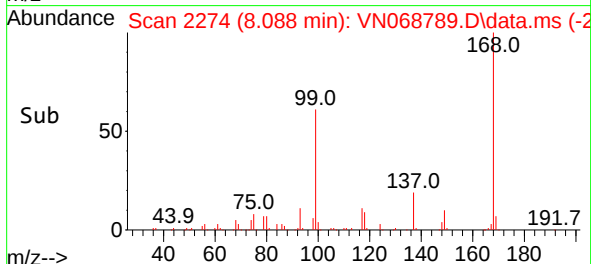
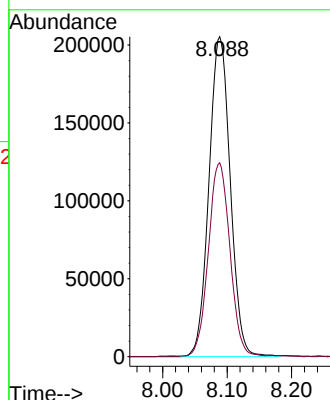
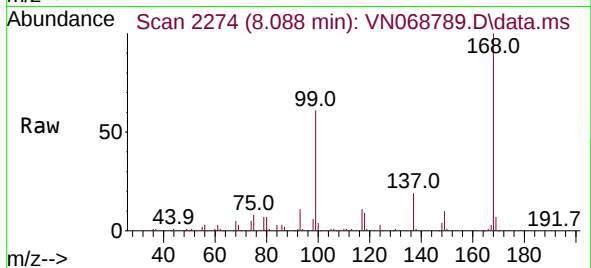
Acq: 1 Oct 2021 17:43

Tgt Ion:168 Resp: 471799

Ion Ratio Lower Upper

168 100

99 60.4 62.9 94.3#



#3

Chloromethane

Concen: Below Cal

RT: 2.303 min Scan# 117

Delta R.T. 0.000 min

Lab File: VN068789.D

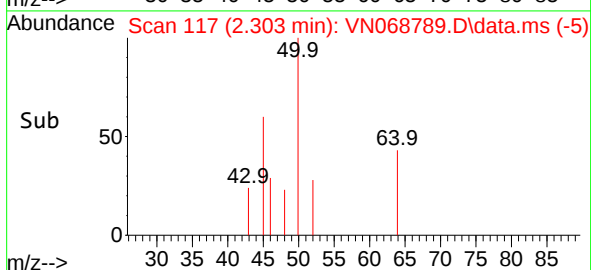
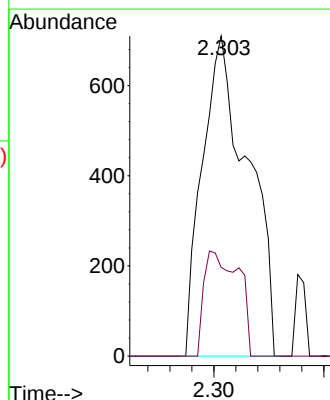
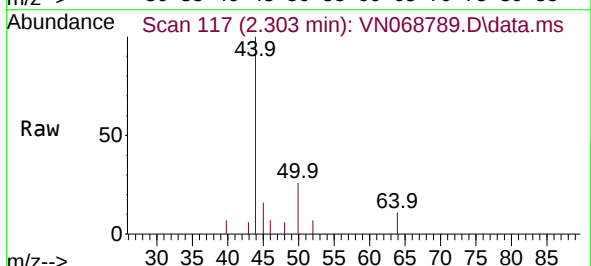
Acq: 1 Oct 2021 17:43

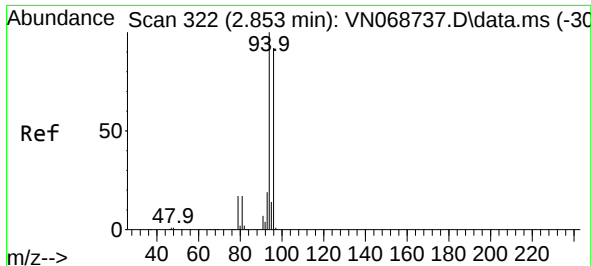
Tgt Ion: 50 Resp: 1022

Ion Ratio Lower Upper

50 100

52 27.7 25.6 38.4

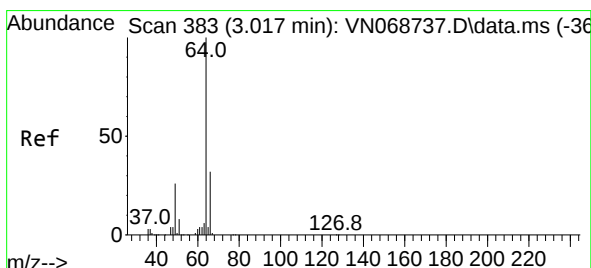
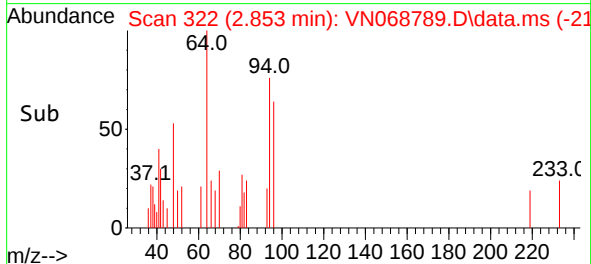
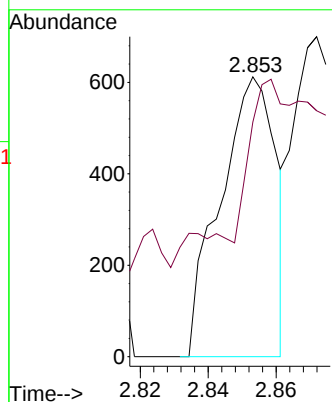
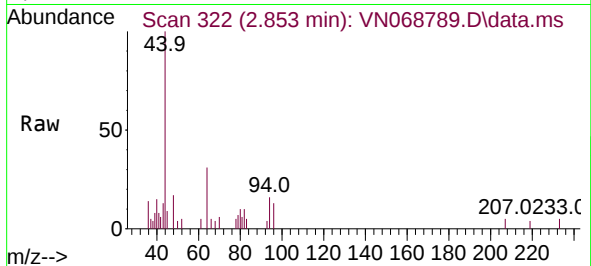




#5
Bromomethane
Concen: Below Cal
RT: 2.853 min Scan# 322
Delta R.T. 0.000 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

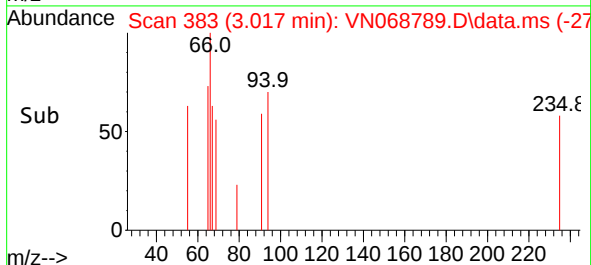
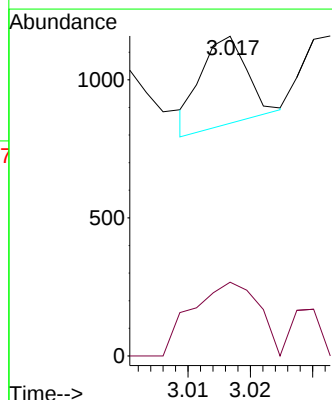
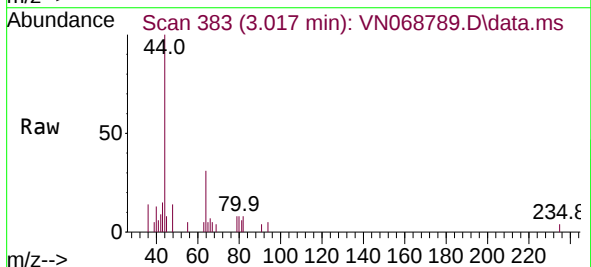
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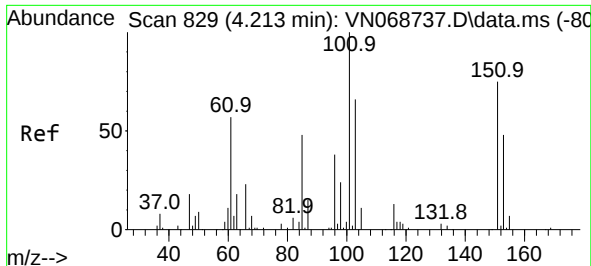
Tgt Ion: 94 Resp: 692
Ion Ratio Lower Upper
94 100
96 44.8 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 3.017 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

Tgt Ion: 64 Resp: 169
Ion Ratio Lower Upper
64 100
66 100.4 24.7 37.1#

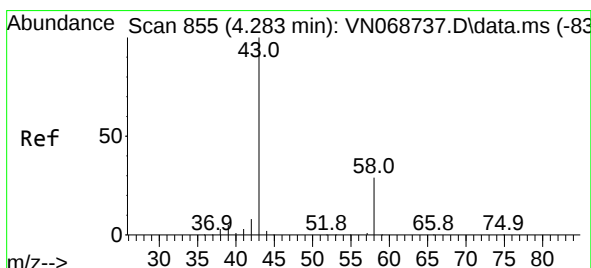
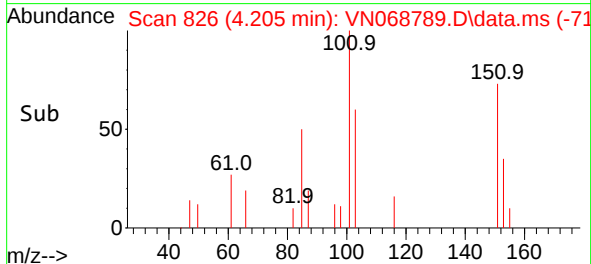
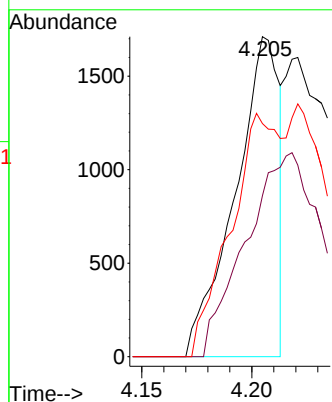
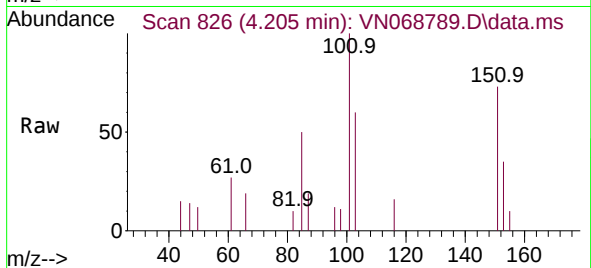




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.461 ug/l
RT: 4.205 min Scan# 826
Delta R.T. -0.008 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

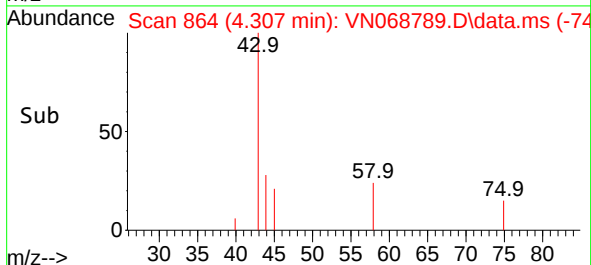
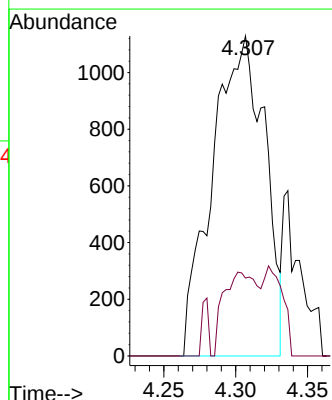
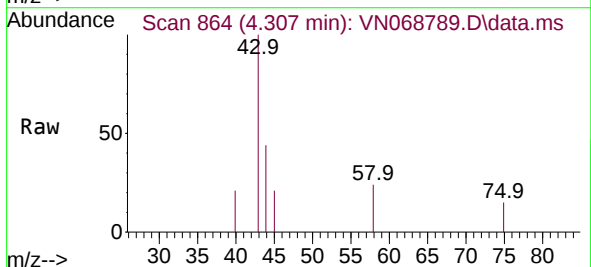
Instrument :
MSVOA_N
ClientSampleId :
RE109D3-20210922

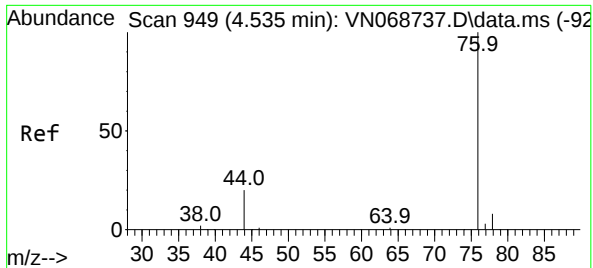
Tgt Ion:101 Resp: 2383
Ion Ratio Lower Upper
101 100
85 111.9 39.6 59.4#
151 82.8 54.1 81.1#



#16
Acetone
Concen: Below Cal
RT: 4.307 min Scan# 864
Delta R.T. 0.024 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

Tgt Ion: 43 Resp: 2855
Ion Ratio Lower Upper
43 100
58 24.4 21.2 31.8

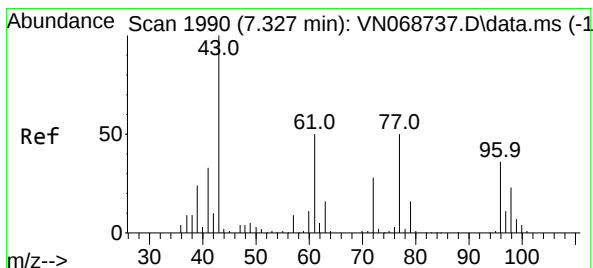
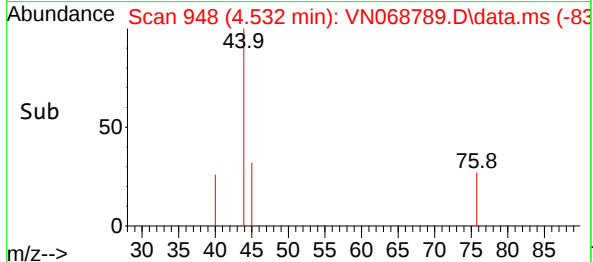
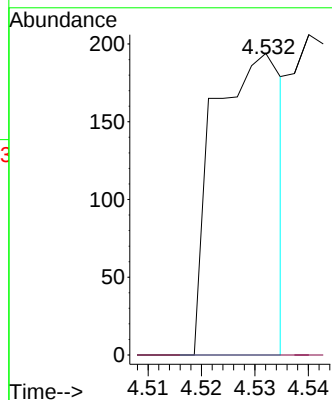
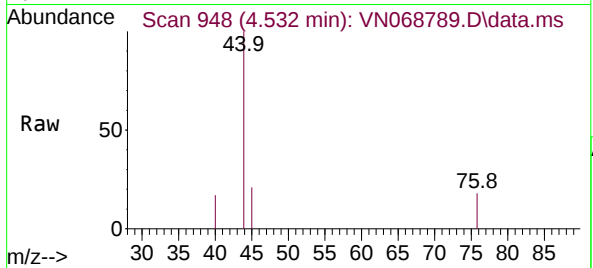




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.532 min Scan# 948
Delta R.T. -0.003 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

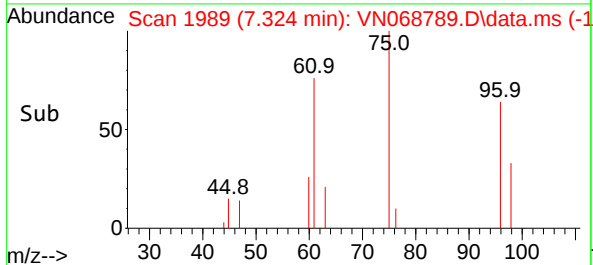
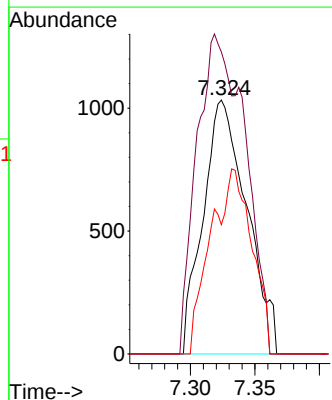
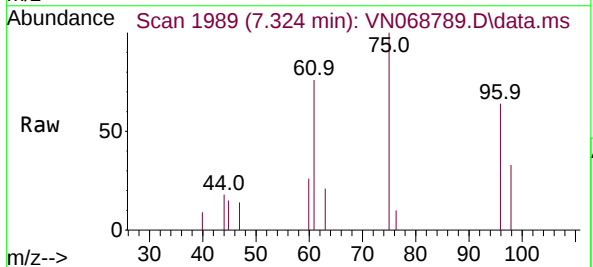
Instrument :
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ClientSampleId :
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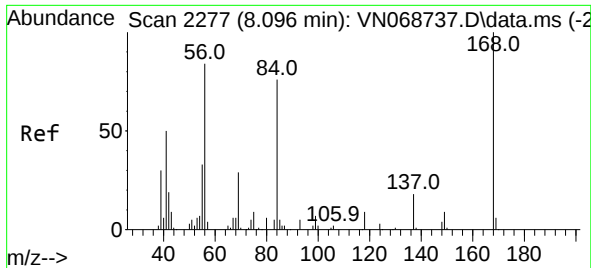
Tgt Ion: 76 Resp: 170
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#27
cis-1,2-Dichloroethene
Concen: 0.381 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

Tgt Ion: 96 Resp: 2444
Ion Ratio Lower Upper
96 100
61 139.3 0.0 338.8
98 24.2 0.0 129.8

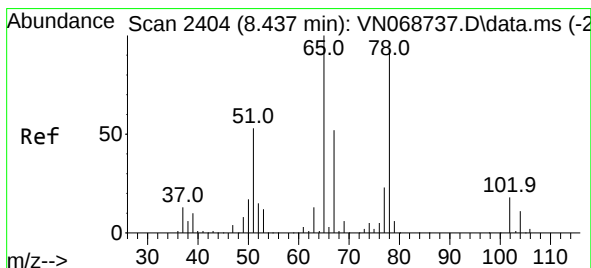
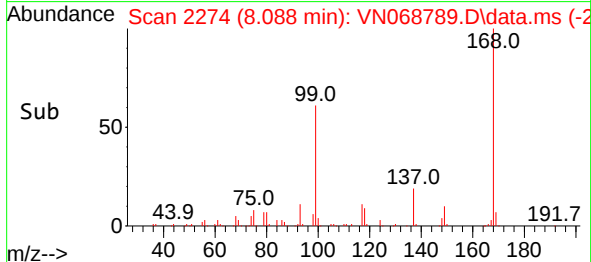
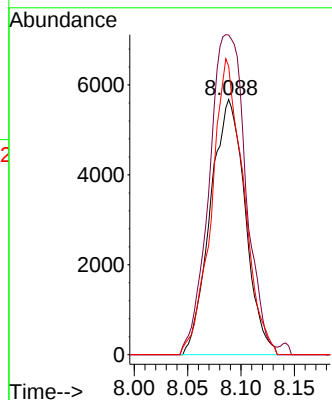
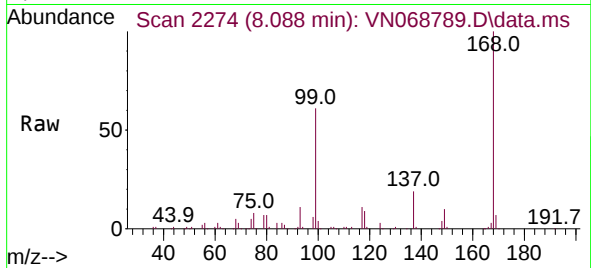




#31
Cyclohexane
Concen: Below Cal
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

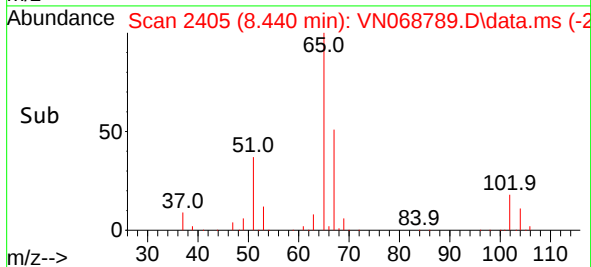
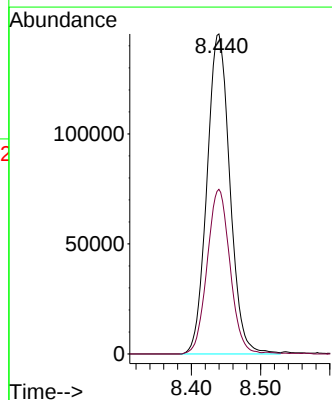
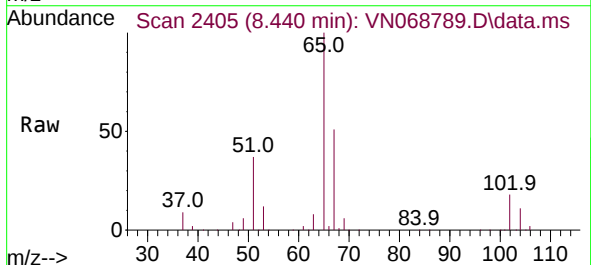
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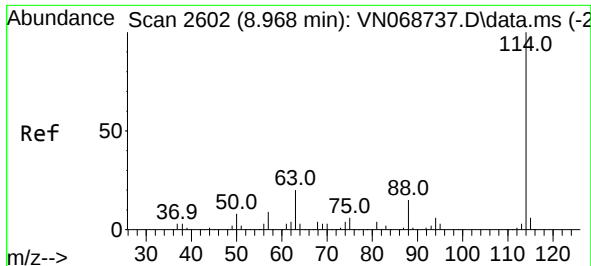
Tgt Ion: 56 Resp: 12895
Ion Ratio Lower Upper
56 100
69 125.3 27.3 40.9#
84 113.0 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 50.936 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

Tgt Ion: 65 Resp: 334840
Ion Ratio Lower Upper
65 100
67 51.1 0.0 98.6

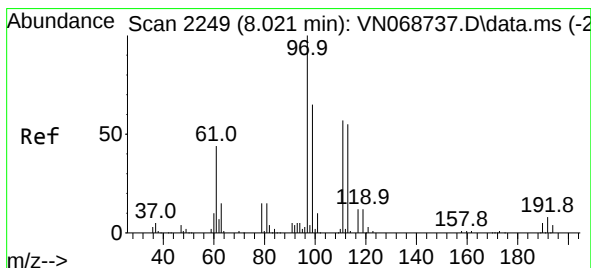
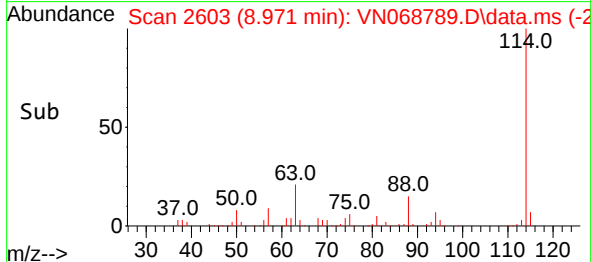
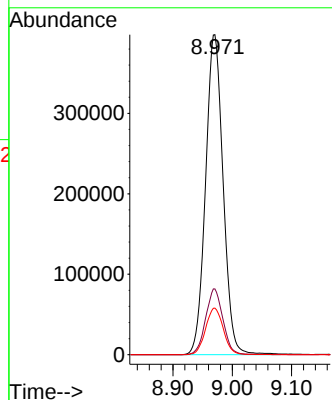
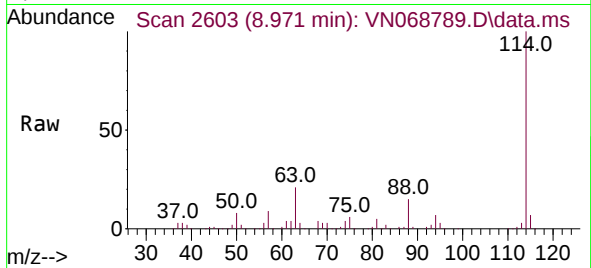




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

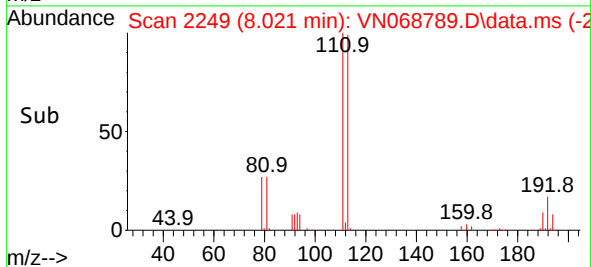
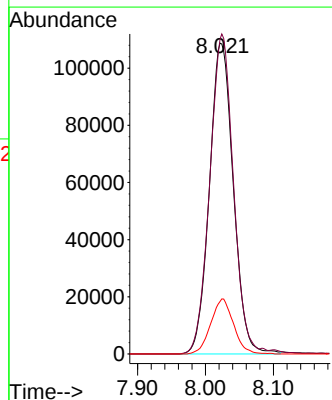
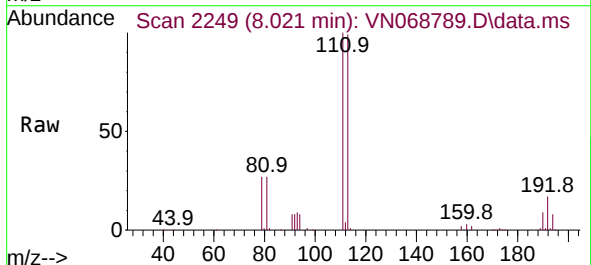
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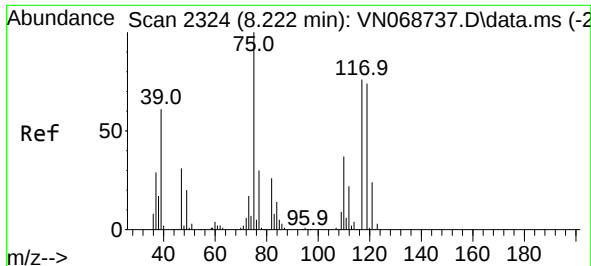
Tgt Ion:114 Resp: 817212
Ion Ratio Lower Upper
114 100
63 20.5 0.0 49.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.381 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

Tgt Ion:113 Resp: 265964
Ion Ratio Lower Upper
113 100
111 101.3 83.8 125.8
192 16.9 13.4 20.0

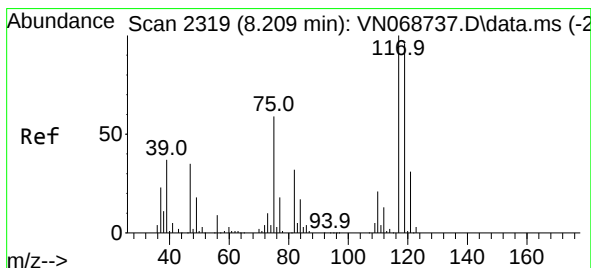
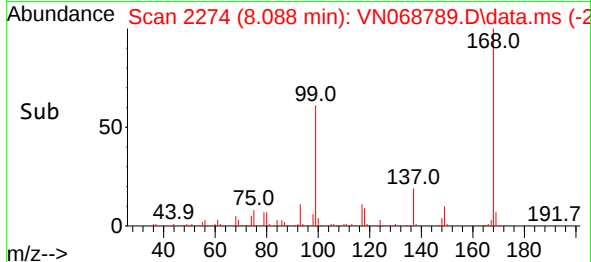
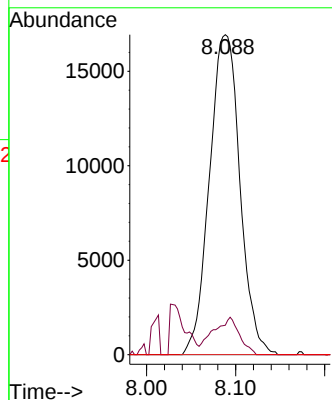
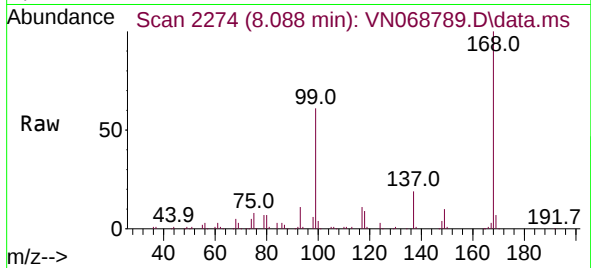




#36
1,1-Dichloropropene
Concen: 5.251 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

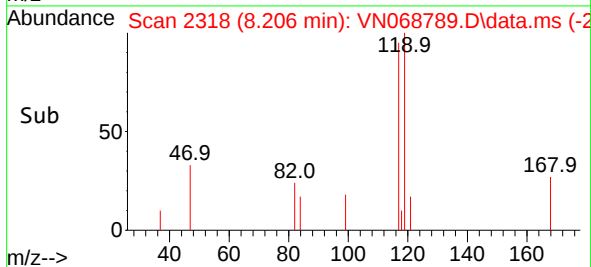
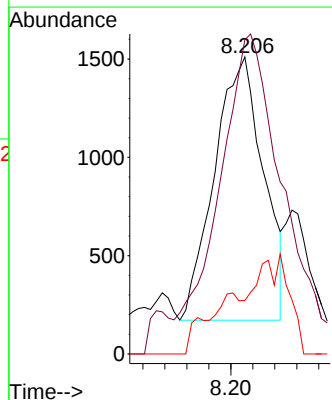
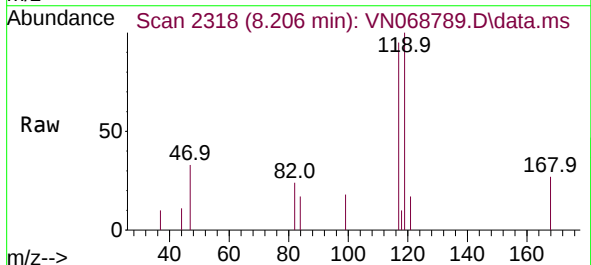
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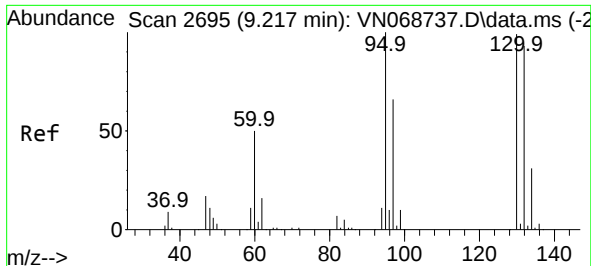
Tgt Ion: 75 Resp: 40362
Ion Ratio Lower Upper
75 100
110 10.1 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 0.227 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. -0.003 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

Tgt Ion: 117 Resp: 2070
Ion Ratio Lower Upper
117 100
119 103.7 75.4 113.2
121 20.3 23.5 35.3#

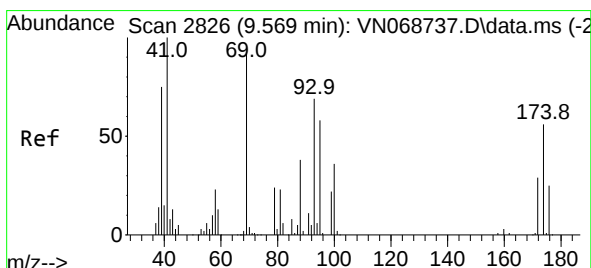
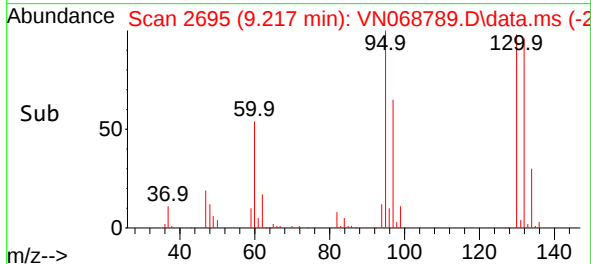
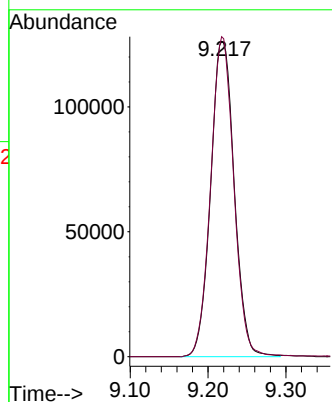
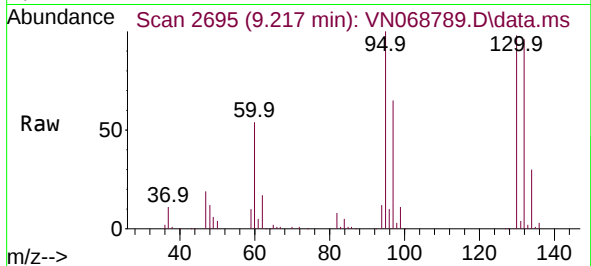




#44
Trichloroethene
Concen: 42.497 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

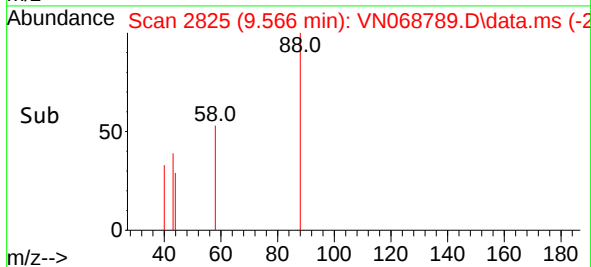
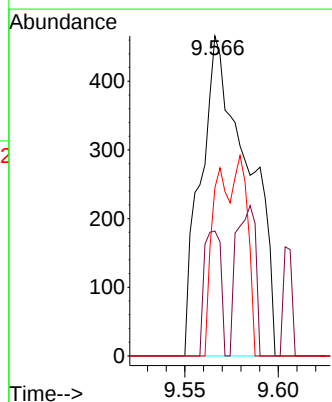
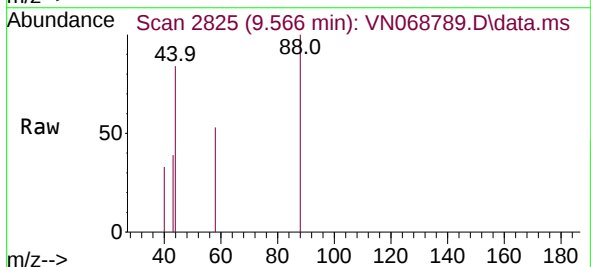
Instrument :
MSVOA_N
ClientSampleId :
RE109D3-20210922

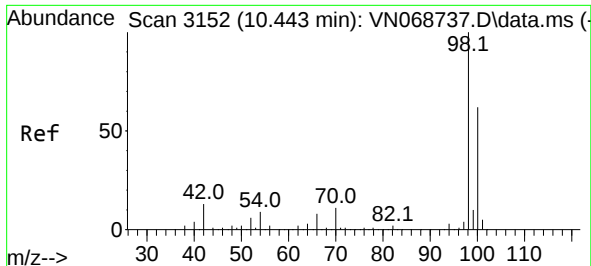
Tgt Ion:130 Resp: 265475
Ion Ratio Lower Upper
130 100
95 101.5 0.0 234.4



#49
1,4-Dioxane
Concen: 8.947 ug/l
RT: 9.566 min Scan# 2825
Delta R.T. -0.003 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

Tgt Ion: 88 Resp: 814
Ion Ratio Lower Upper
88 100
43 13.6 28.8 43.2#
58 22.5 60.4 90.6#

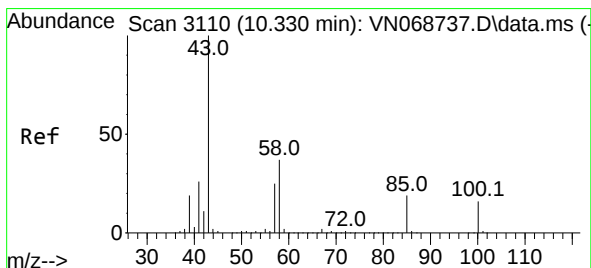
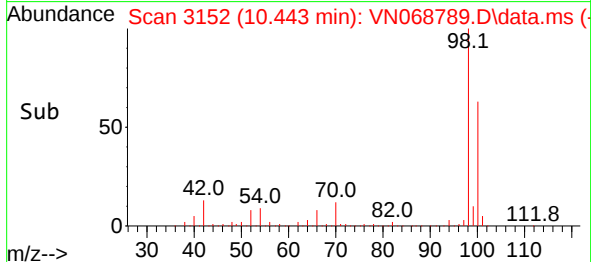
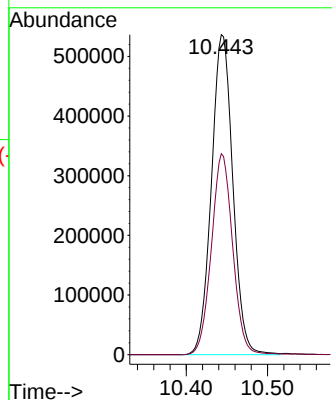
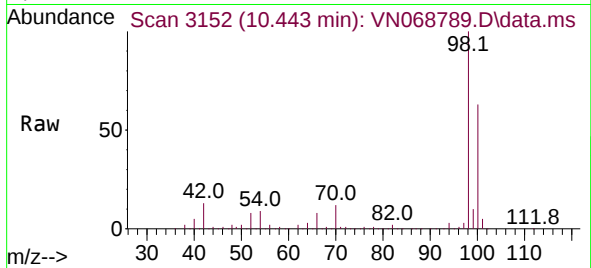




#50
Toluene-d8
Concen: 52.934 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

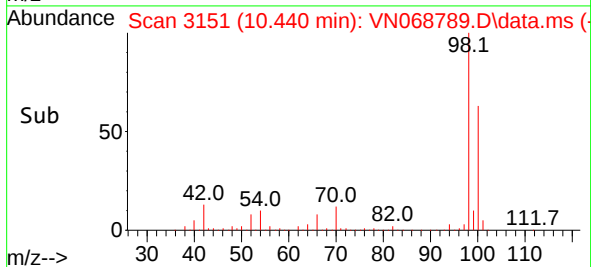
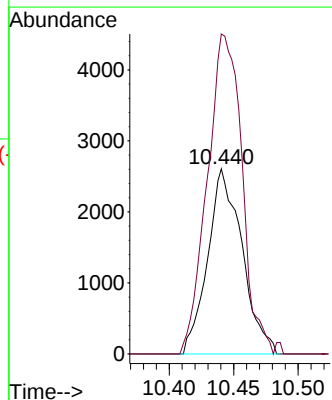
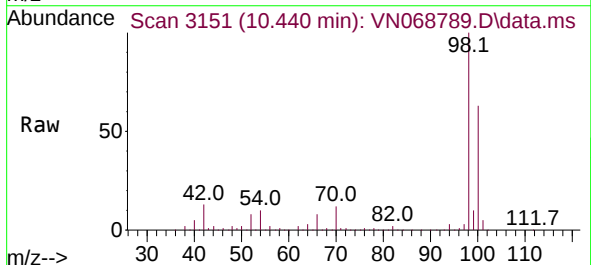
Instrument :
MSVOA_N
ClientSampleId :
RE109D3-20210922

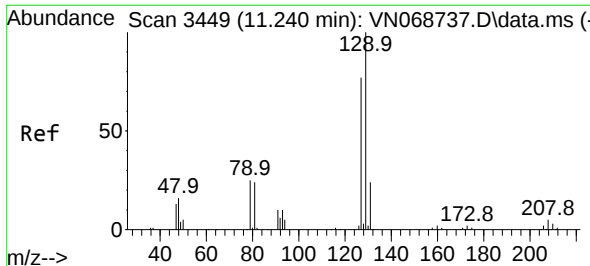
Tgt Ion: 98 Resp: 982155
Ion Ratio Lower Upper
98 100
100 62.4 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.595 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.110 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

Tgt Ion: 43 Resp: 4828
Ion Ratio Lower Upper
43 100
58 174.4 28.6 43.0#

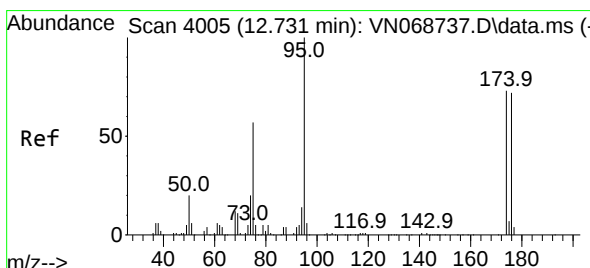
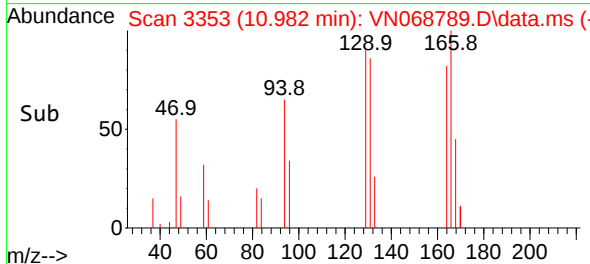
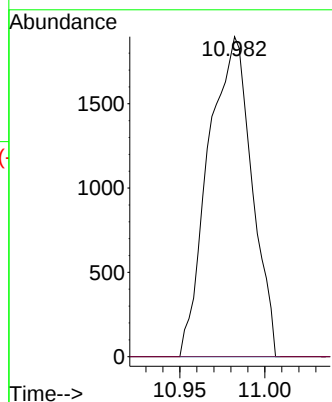
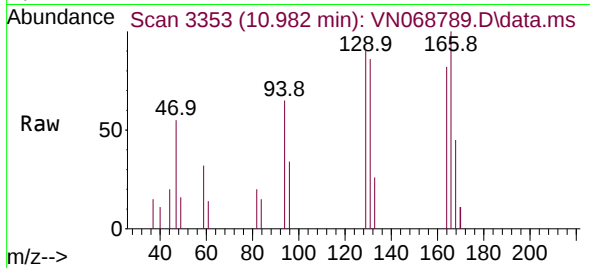




#60
Dibromochloromethane
Concen: 0.483 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. -0.258 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

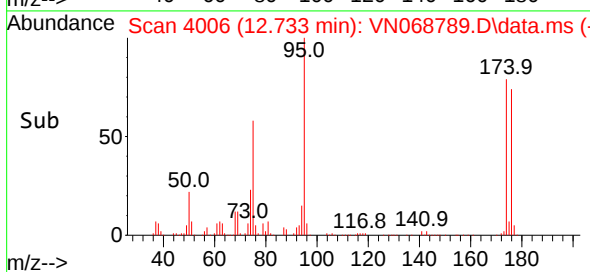
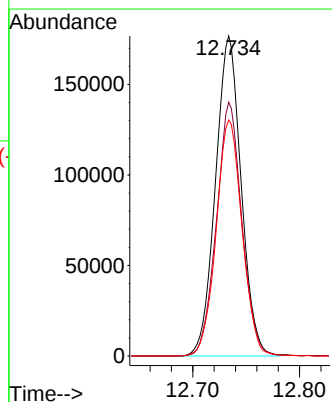
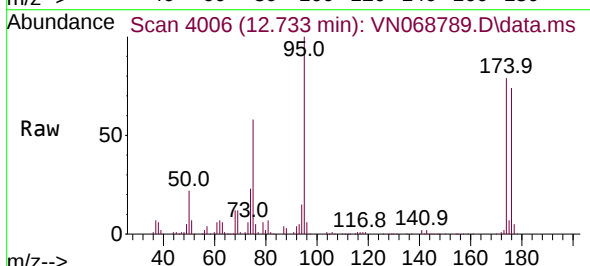
Instrument :
MSVOA_N
ClientSampleId :
RE109D3-20210922

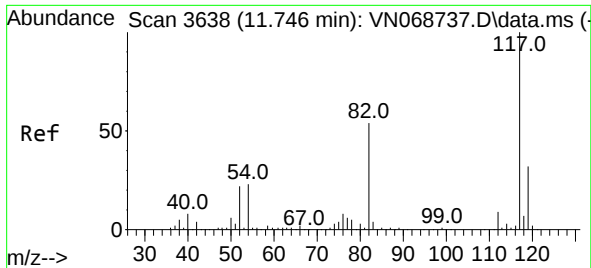
Tgt Ion:129 Resp: 3377
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 45.730 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

Tgt Ion: 95 Resp: 294831
Ion Ratio Lower Upper
95 100
174 78.6 0.0 122.0
176 74.6 0.0 117.6

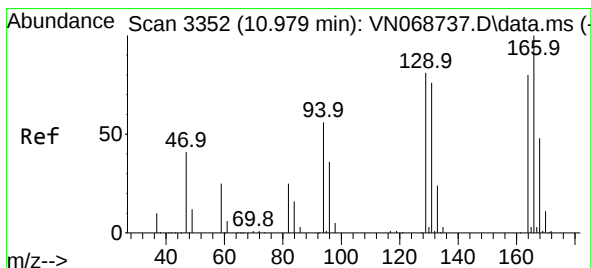
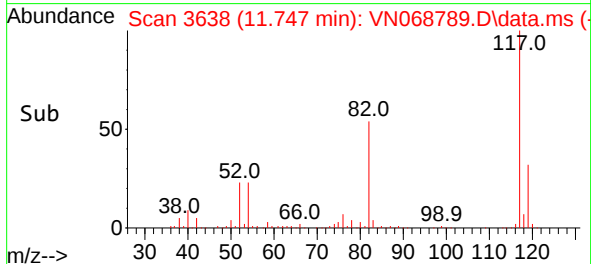
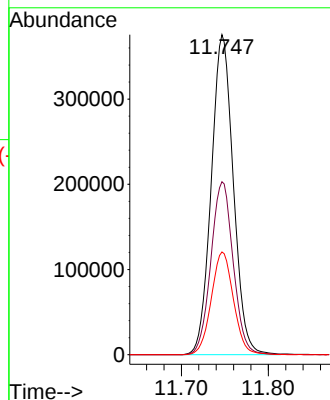
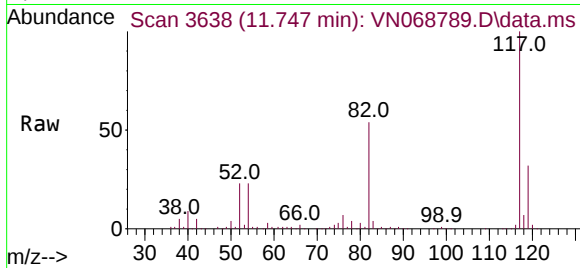




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

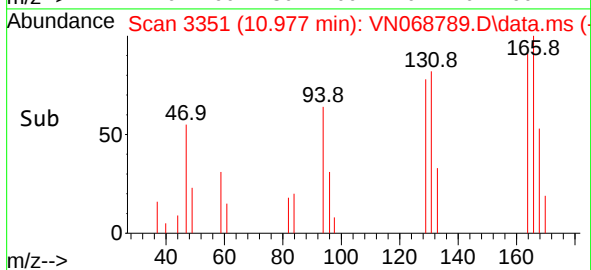
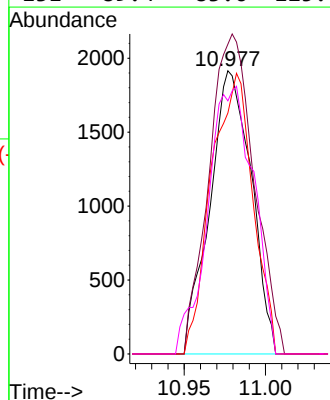
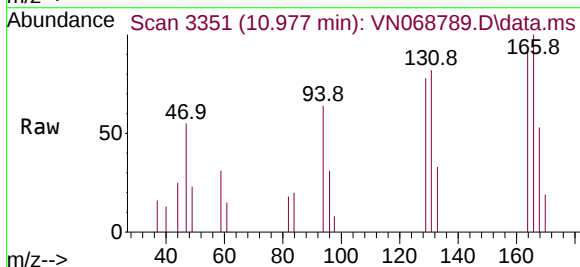
Instrument :
MSVOA_N
ClientSampleId :
RE109D3-20210922

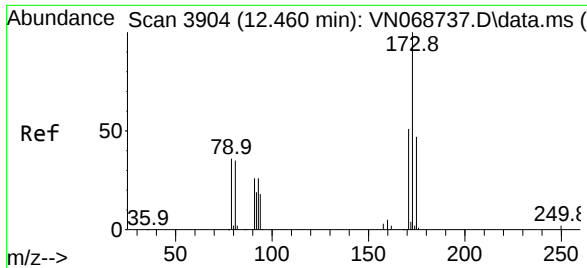
Tgt Ion:117 Resp: 661890
Ion Ratio Lower Upper
117 100
82 54.0 53.1 79.7
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 0.687 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

Tgt Ion:164 Resp: 3394
Ion Ratio Lower Upper
164 100
166 109.4 102.1 153.1
129 85.1 86.9 130.3#
131 89.4 83.6 125.4

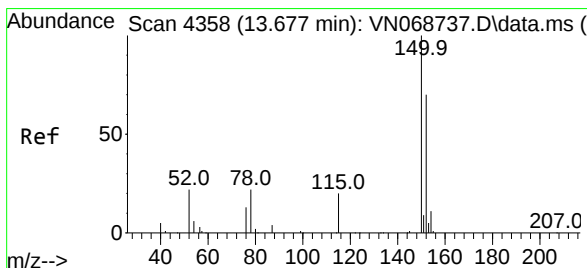
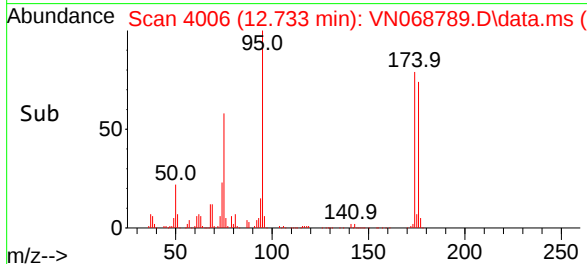
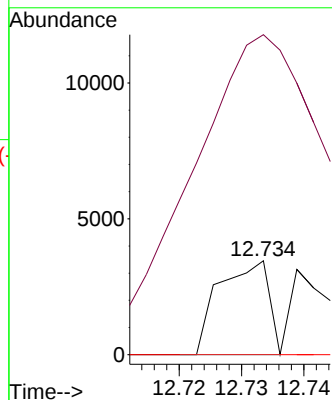
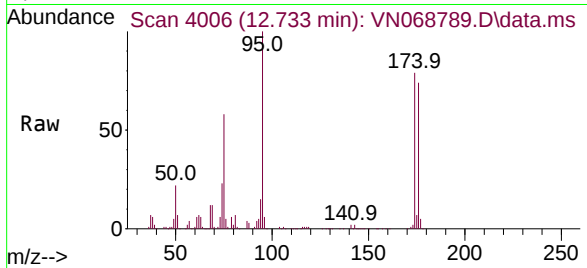




#71
Bromoform
Concen: 0.462 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.273 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

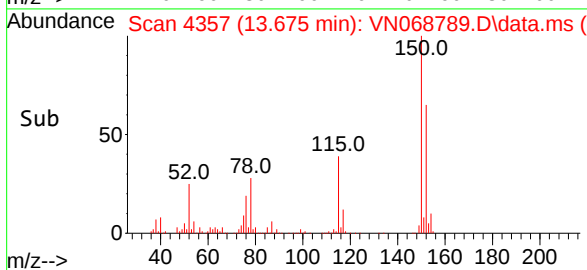
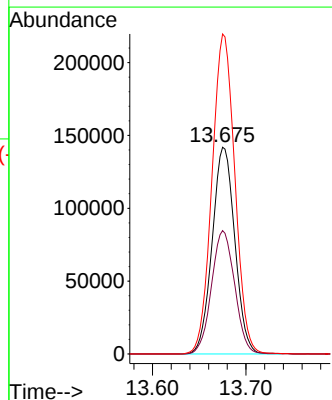
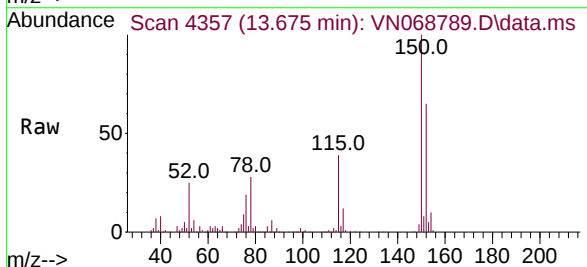
Instrument :
MSVOA_N
ClientSampleId :
RE109D3-20210922

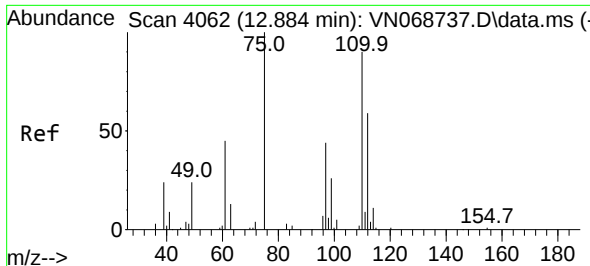
Tgt Ion:173 Resp: 1903
Ion Ratio Lower Upper
173 100
175 953.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

Tgt Ion:152 Resp: 239472
Ion Ratio Lower Upper
152 100
115 60.8 36.1 108.5
150 156.2 0.0 351.8

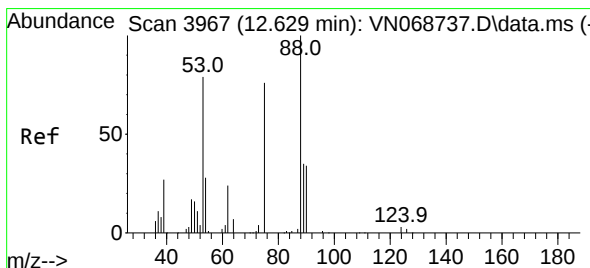
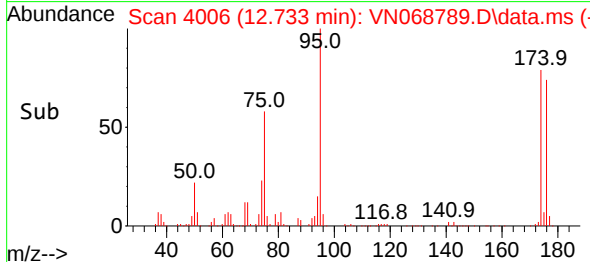
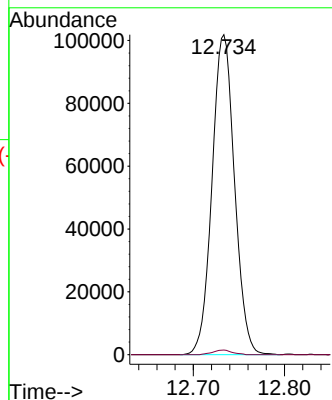
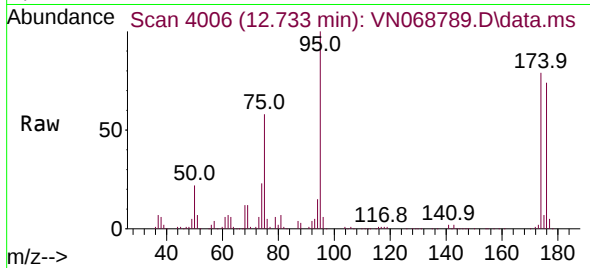




#76
1,2,3-Trichloropropane
Concen: 32.775 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

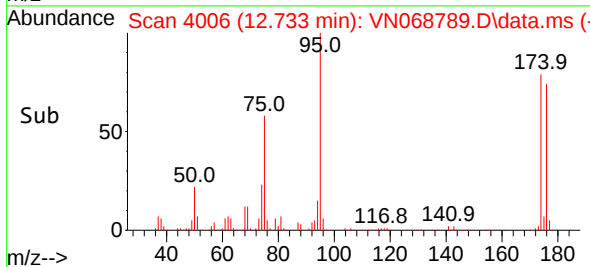
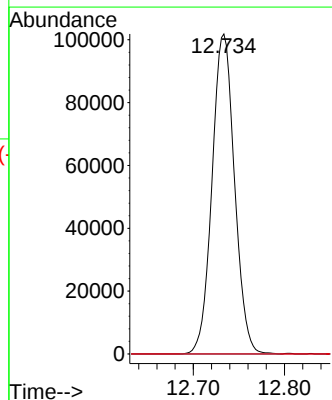
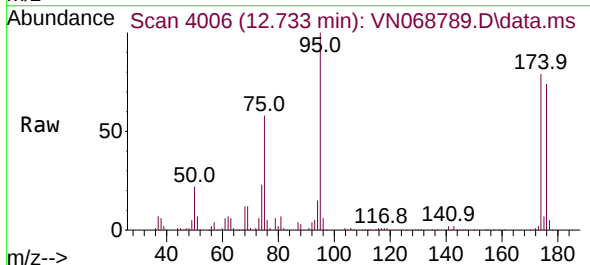
Instrument :
MSVOA_N
ClientSampleId :
RE109D3-20210922

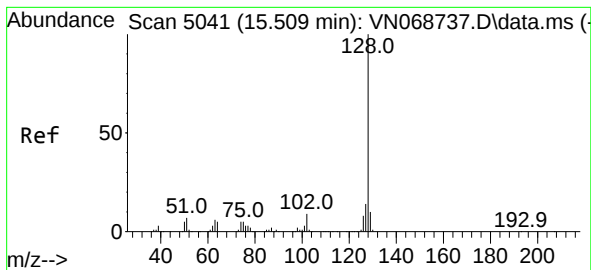
Tgt Ion: 75 Resp: 174548
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.278 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

Tgt Ion: 75 Resp: 174548
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 1.463 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.005 min
Lab File: VN068789.D
Acq: 1 Oct 2021 17:43

Instrument :
MSVOA_N
ClientSampleId :
RE109D3-20210922

Tgt Ion:128 Resp: 184
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

