

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100121\
 Data File : VN068783.D
 Acq On : 1 Oct 2021 15:12
 Operator : JC/MD
 Sample : M3915-12DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW17811-20210921DL

Quant Time: Oct 02 03:59:50 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)

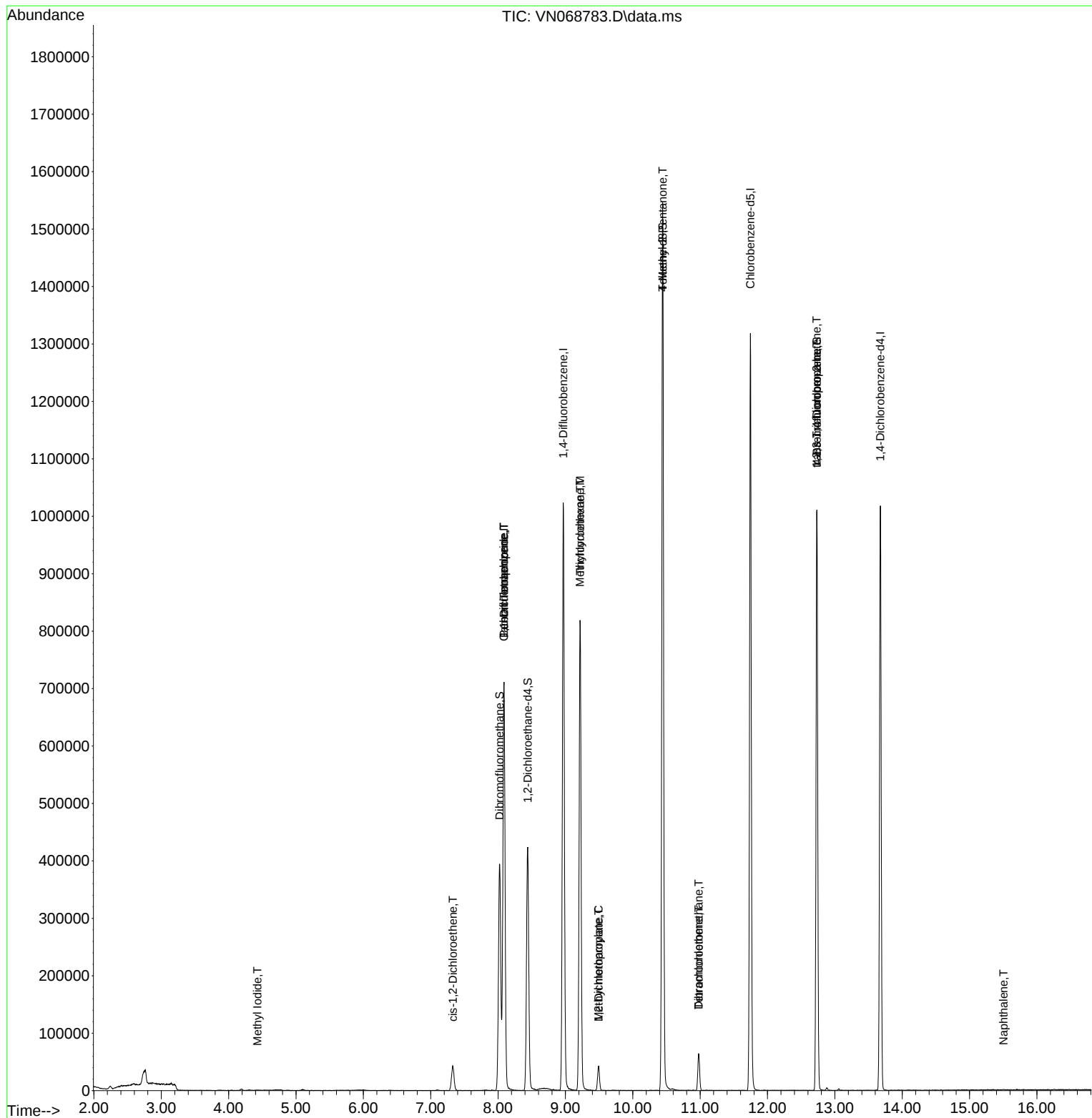
Internal Standards						
1) Pentafluorobenzene	8.088	168	508835	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	870915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	733107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	257303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	355407	50.130	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.260%			
35) Dibromofluoromethane	8.021	113	279032	51.566	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.140%			
50) Toluene-d8	10.443	98	1062751	53.746	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.500%			
62) 4-Bromofluorobenzene	12.734	95	324348	47.207	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.420%			
Target Compounds						
						Qvalue
3) Chloromethane	2.303	50	611	Below Cal	#	43
5) Bromomethane	2.845	94	659	Below Cal	#	48
6) Chloroethane	3.003	64	376	Below Cal	#	44
10) Methyl Iodide	4.428	142	51	1.361	ug/l #	33
13) Acrolein	4.041	56	123	Below Cal	#	14
16) Acetone	4.280	43	260	Below Cal	#	48
17) Carbon Disulfide	4.535	76	133	Below Cal	#	74
27) cis-1,2-Dichloroethene	7.329	96	26066	3.771	ug/l	73
31) Cyclohexane	8.094	56	14477	Below Cal	#	52
36) 1,1-Dichloropropene	8.088	75	44488	5.431	ug/l #	52
38) Carbon Tetrachloride	8.086	117	55836	5.738	ug/l #	17
39) Methylcyclohexane	9.215	83	4110	0.433	ug/l #	1
44) Trichloroethene	9.218	130	282508	42.435	ug/l	85
45) 1,2-Dichloropropane	9.494	63	14598	2.269	ug/l	96
48) Methyl methacrylate	9.491	41	9907	1.651	ug/l #	32
51) 4-Methyl-2-Pentanone	10.443	43	5009	0.579	ug/l #	1
60) Dibromochloromethane	10.977	129	13454	1.806	ug/l #	11
64) Tetrachloroethene	10.977	164	13691	2.502	ug/l	95
76) 1,2,3-Trichloropropane	12.731	75	191096	33.396	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.731	75	191096	97.082	ug/l #	6
95) Naphthalene	15.504	128	1187	1.542	ug/l #	75

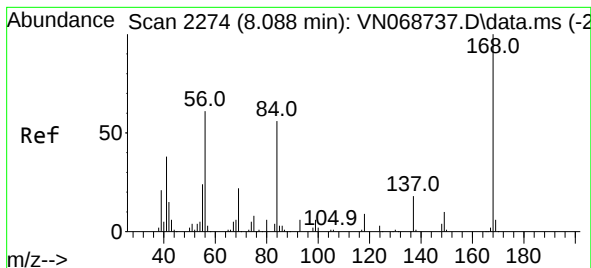
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.000 min

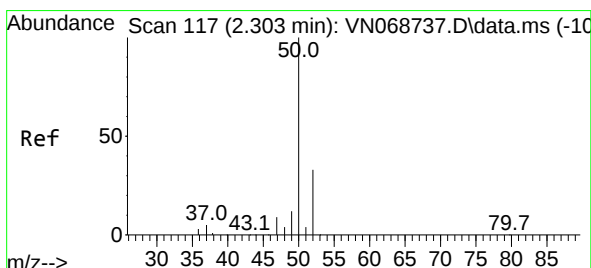
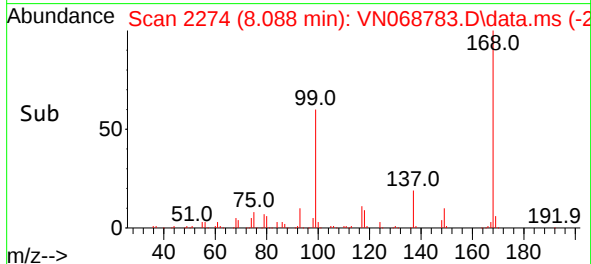
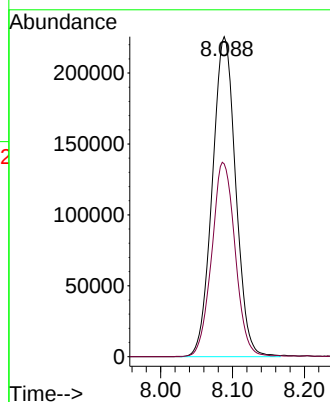
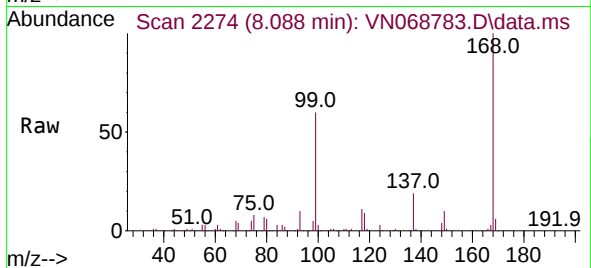
Lab File: VN068783.D

Acq: 1 Oct 2021 15:12

Tgt Ion:168 Resp: 508835

Ion Ratio Lower Upper

168 100
99 60.2 62.9 94.3#



#3

Chloromethane

Concen: Below Cal

RT: 2.303 min Scan# 117

Delta R.T. 0.000 min

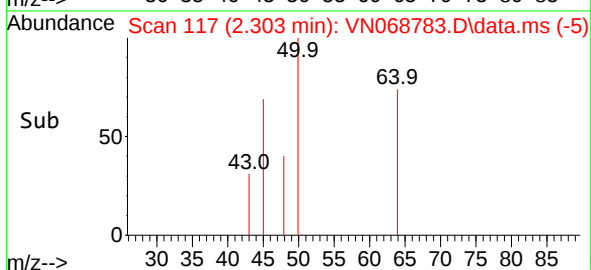
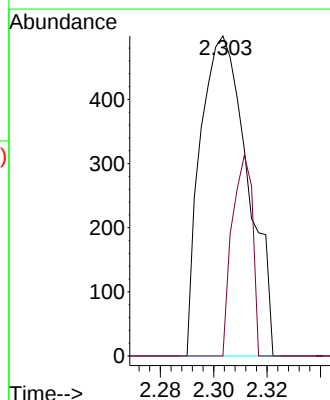
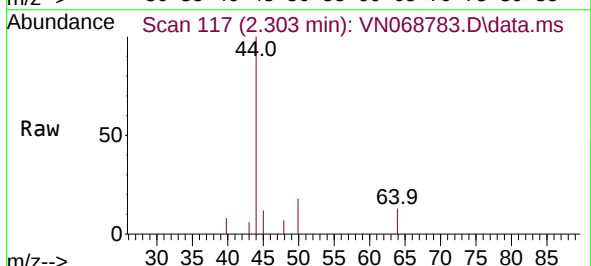
Lab File: VN068783.D

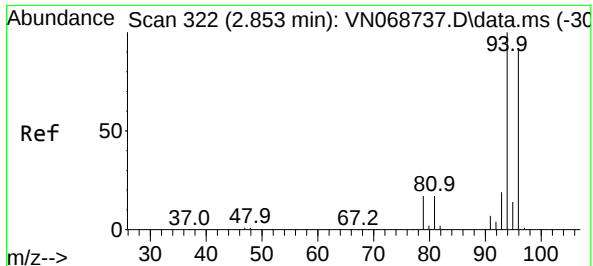
Acq: 1 Oct 2021 15:12

Tgt Ion: 50 Resp: 611

Ion Ratio Lower Upper

50 100
52 0.0 25.6 38.4#

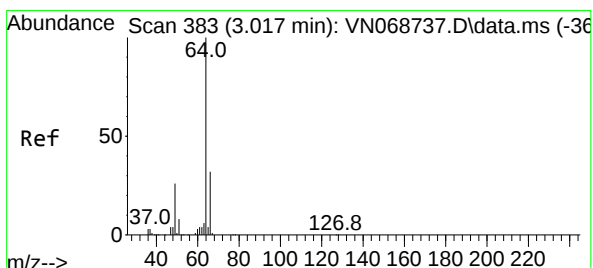
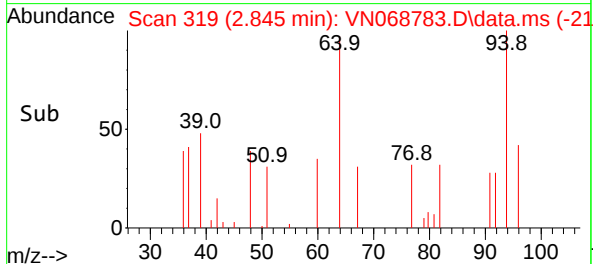
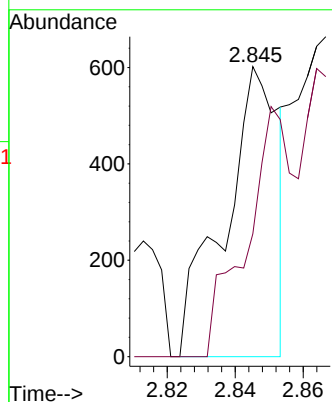
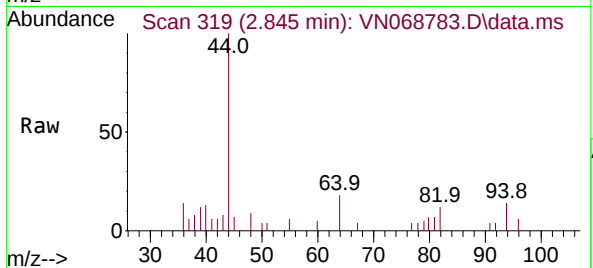




#5
Bromomethane
Concen: Below Cal
RT: 2.845 min Scan# 319
Delta R.T. -0.008 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

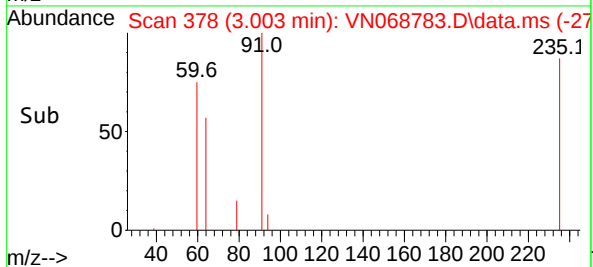
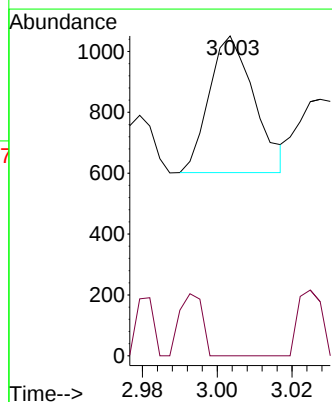
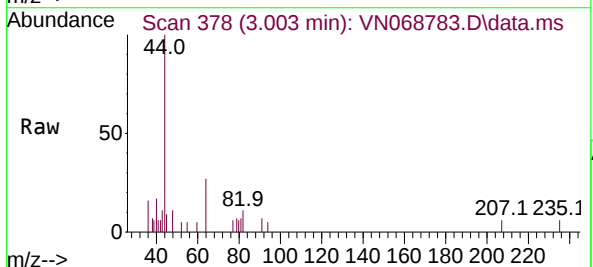
Instrument :
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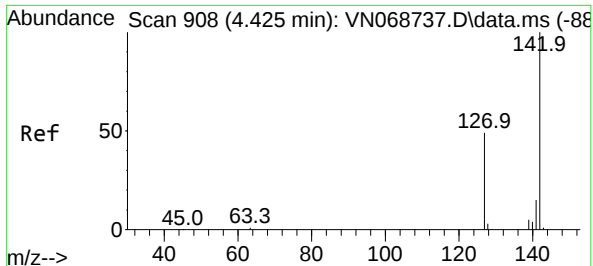
Tgt Ion: 94 Resp: 659
Ion Ratio Lower Upper
94 100
96 42.4 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 3.003 min Scan# 378
Delta R.T. -0.014 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

Tgt Ion: 64 Resp: 376
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

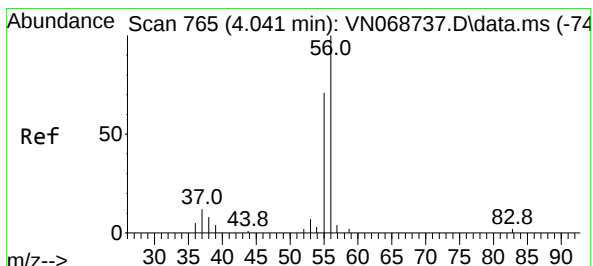
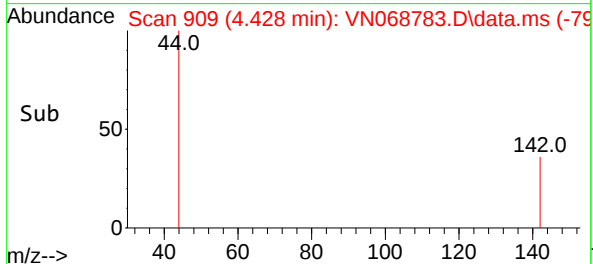
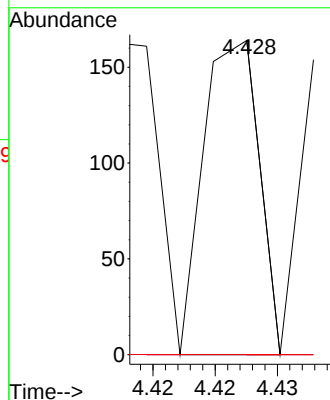
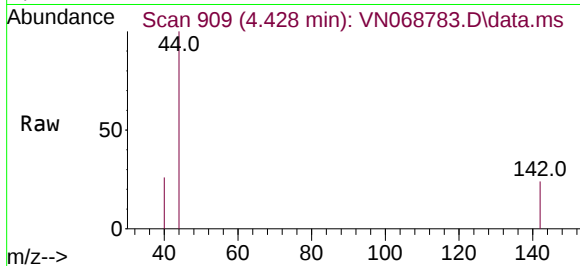




#10
Methyl Iodide
Concen: 1.361 ug/l
RT: 4.428 min Scan# 909
Delta R.T. 0.003 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

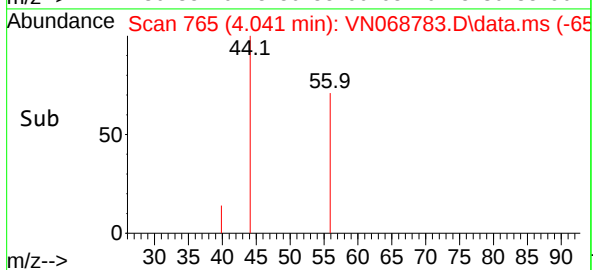
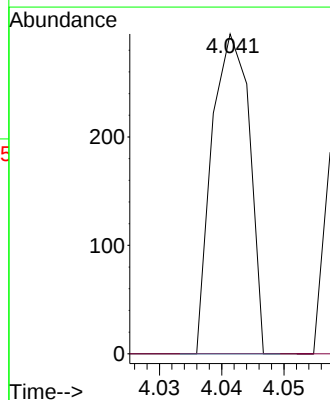
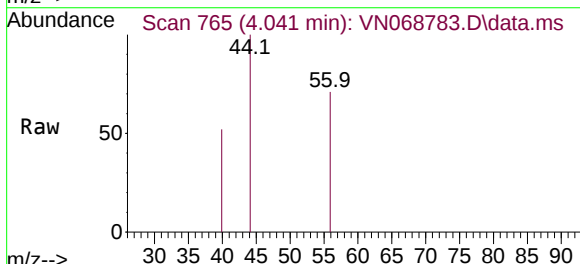
Instrument :
MSVOA_N
ClientSampleId :
MW17811-20210921DL

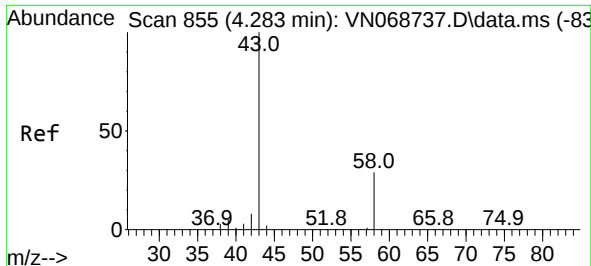
Tgt Ion:142 Resp: 51
Ion Ratio Lower Upper
142 100
127 0.0 43.1 64.7#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: Below Cal
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

Tgt Ion: 56 Resp: 123
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#

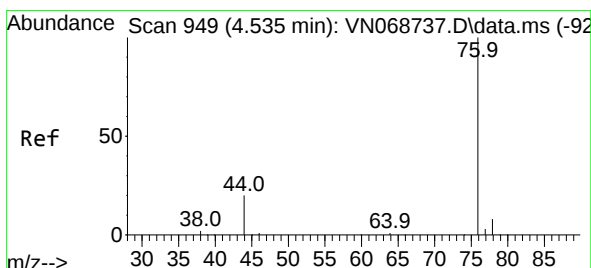
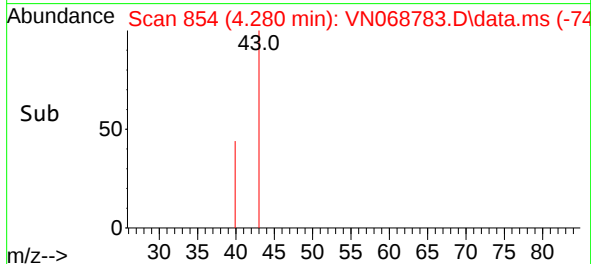
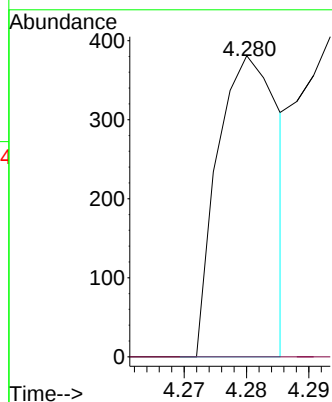
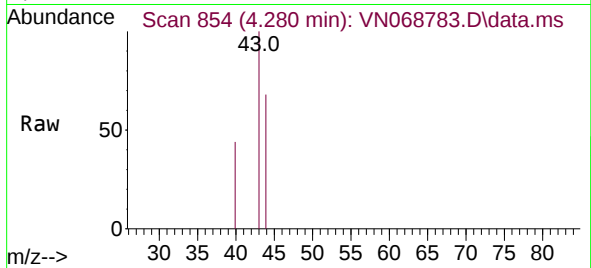




#16
Acetone
Concen: Below Cal
RT: 4.280 min Scan# 854
Delta R.T. -0.003 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

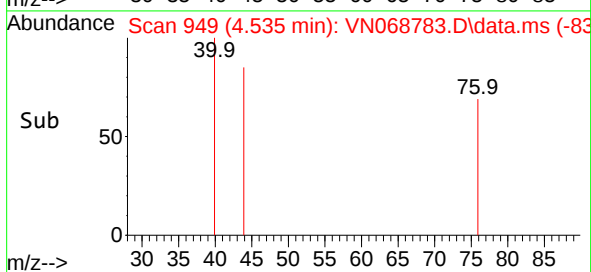
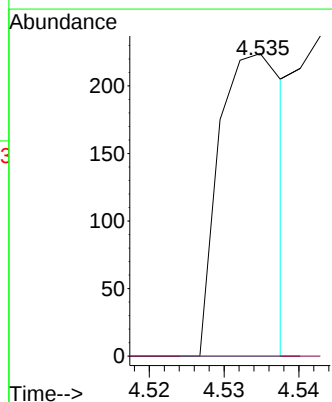
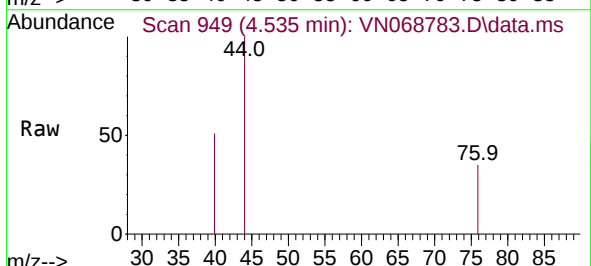
Instrument :
MSVOA_N
ClientSampleId :
MW17811-20210921DL

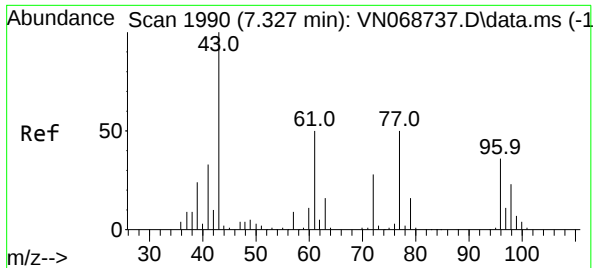
Tgt Ion: 43 Resp: 260
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.535 min Scan# 949
Delta R.T. -0.000 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

Tgt Ion: 76 Resp: 133
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



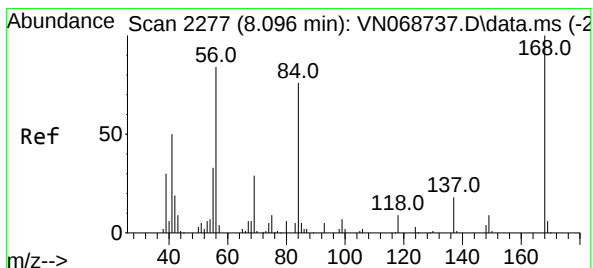
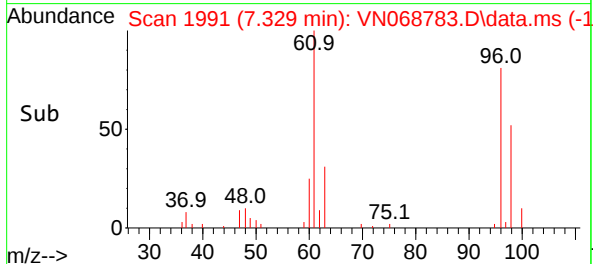
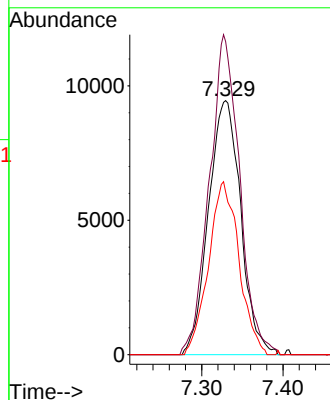
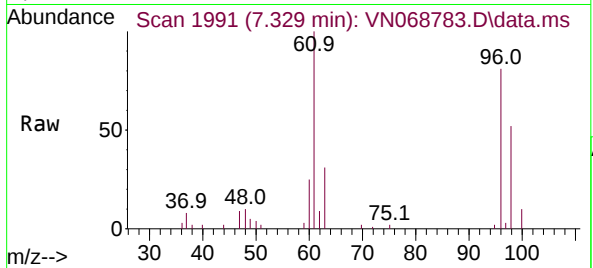


#27

cis-1,2-Dichloroethene
Concen: 3.771 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.002 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

Instrument :
MSVOA_N
ClientSampleId :
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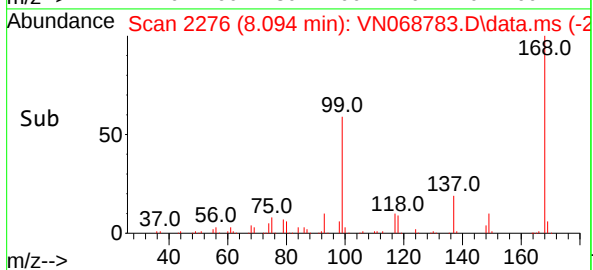
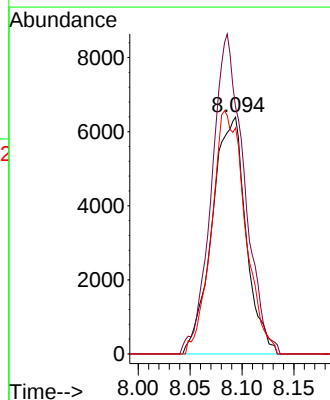
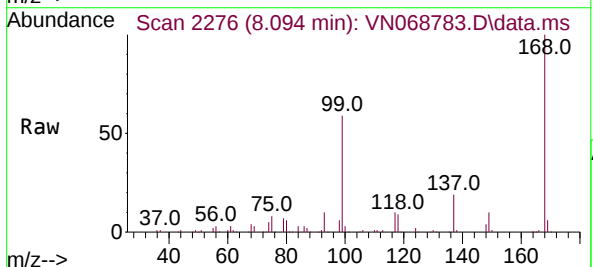
Tgt Ion: 96	Resp: 26066
Ion Ratio	Lower Upper
96 100	
61 118.1	0.0 338.8
98 64.2	0.0 129.8

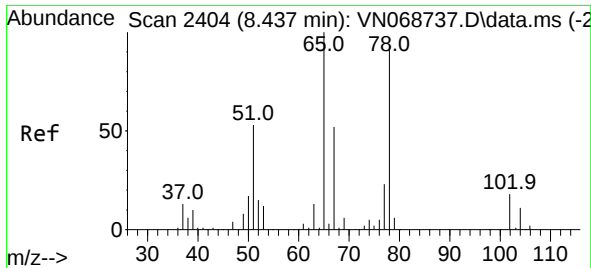


#31

Cyclohexane
Concen: Below Cal
RT: 8.094 min Scan# 2276
Delta R.T. -0.002 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

Tgt Ion: 56	Resp: 14477
Ion Ratio	Lower Upper
56 100	
69 104.3	27.3 40.9#
84 95.5	64.9 97.3



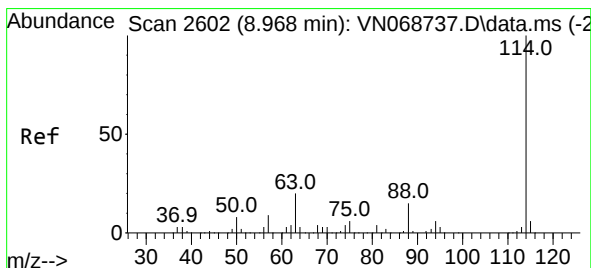
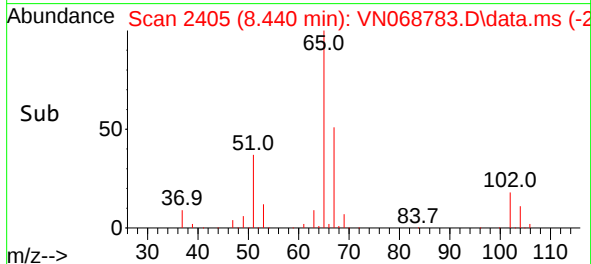
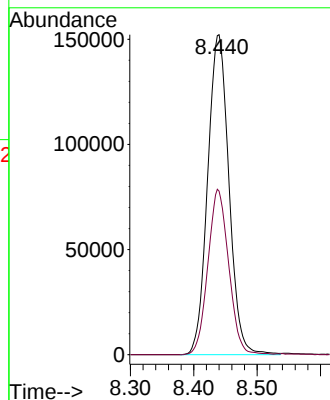
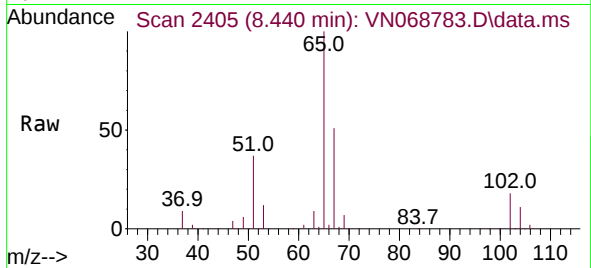


#33

1,2-Dichloroethane-d4
Concen: 50.130 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

Instrument :
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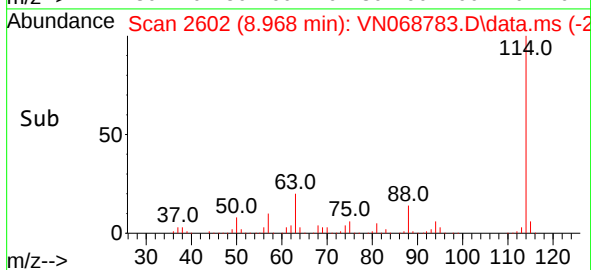
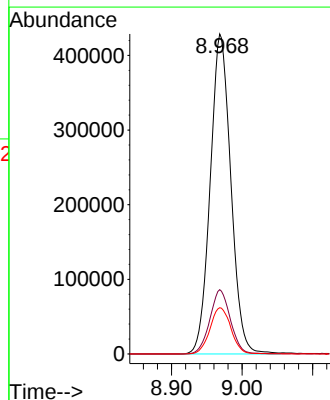
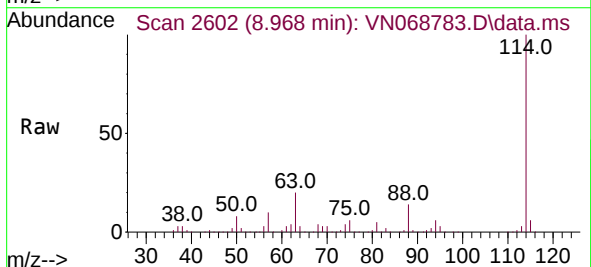
Tgt Ion: 65 Resp: 355407
Ion Ratio Lower Upper
65 100
67 50.5 0.0 98.6

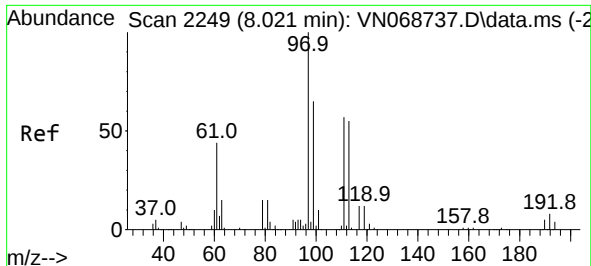


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

Tgt Ion: 114 Resp: 870915
Ion Ratio Lower Upper
114 100
63 20.1 0.0 49.0
88 14.4 0.0 36.6

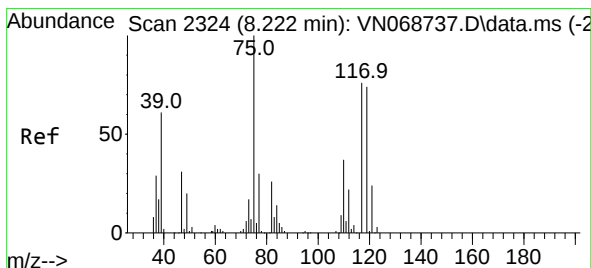
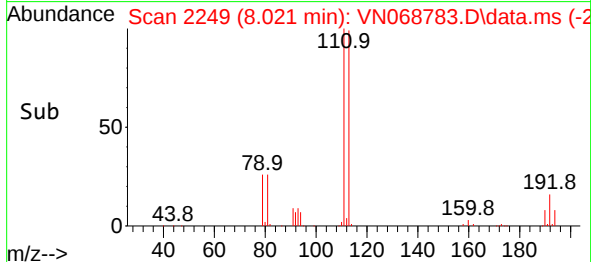
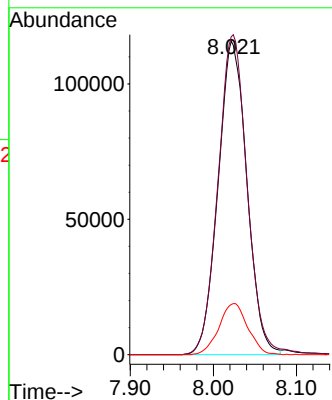
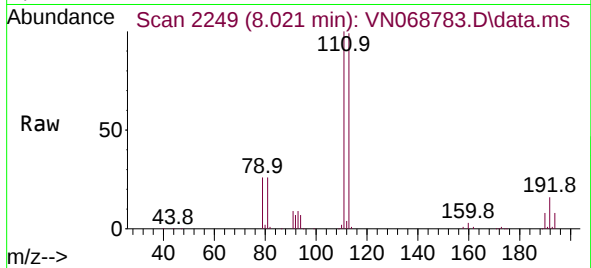




#35
Dibromofluoromethane
Concen: 51.566 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

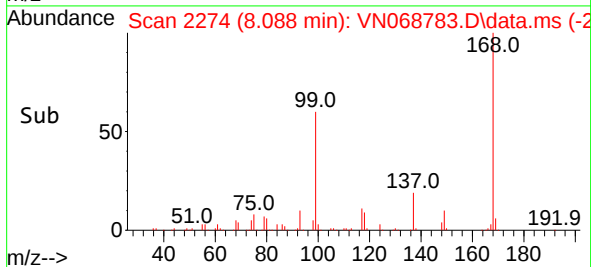
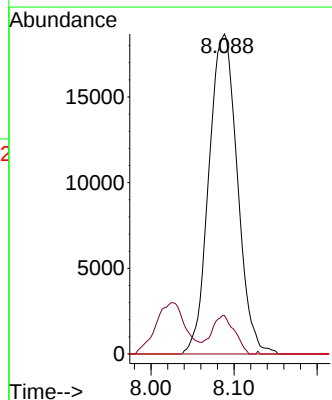
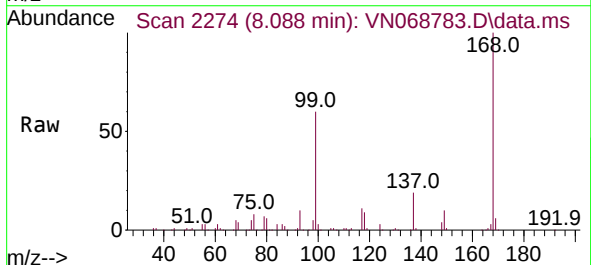
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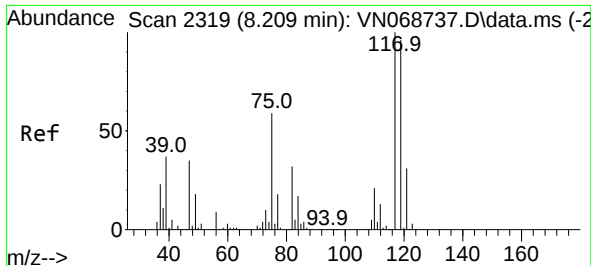
Tgt Ion:113 Resp: 279032
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.8
192 16.4 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.431 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

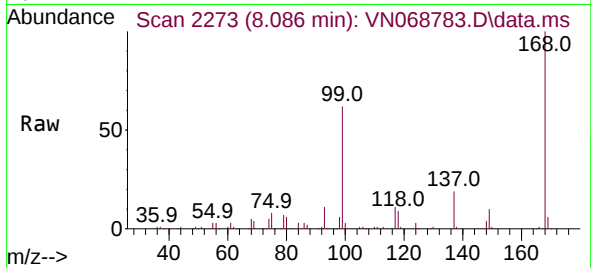
Tgt Ion: 75 Resp: 44488
Ion Ratio Lower Upper
75 100
110 9.7 15.7 47.0#
77 0.0 24.6 37.0#



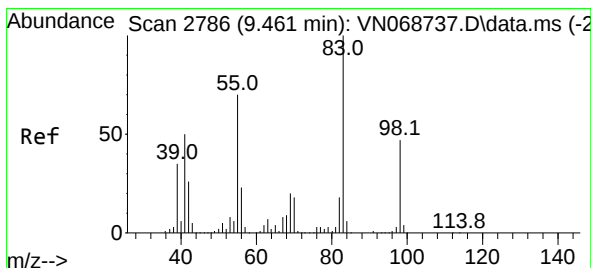
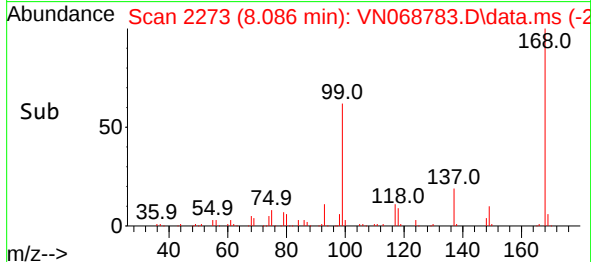
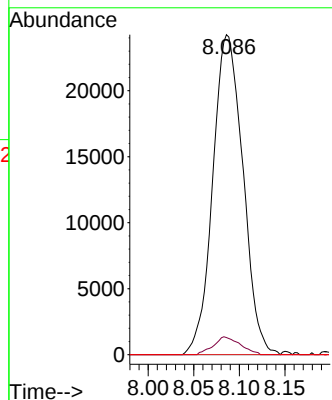


#38
Carbon Tetrachloride
Concen: 5.738 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

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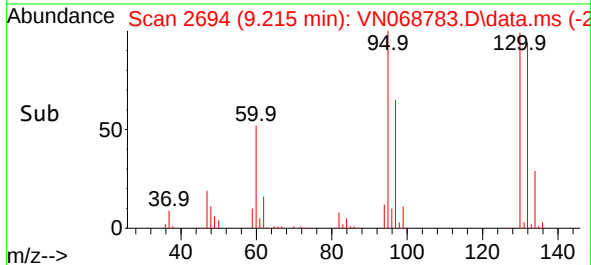
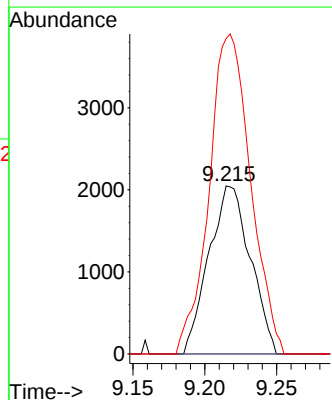
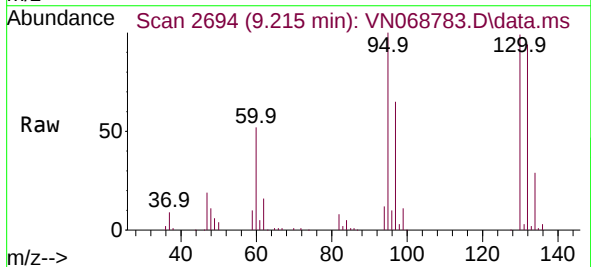


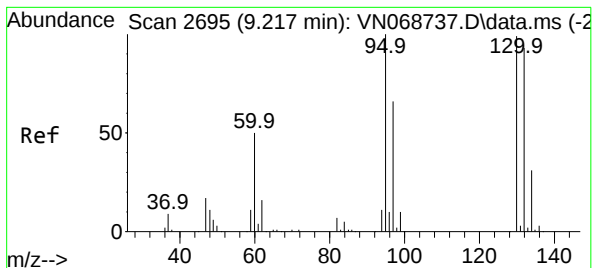
Tgt Ion:117 Resp: 55836
Ion Ratio Lower Upper
117 100
119 5.4 75.4 113.2#
121 0.0 23.5 35.3#



#39
Methylcyclohexane
Concen: 0.433 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.246 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

Tgt Ion: 83 Resp: 4110
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 179.7 35.3 52.9#





#44

Trichloroethene

Concen: 42.435 ug/l

RT: 9.218 min Scan# 2695

Delta R.T. 0.001 min

Lab File: VN068783.D

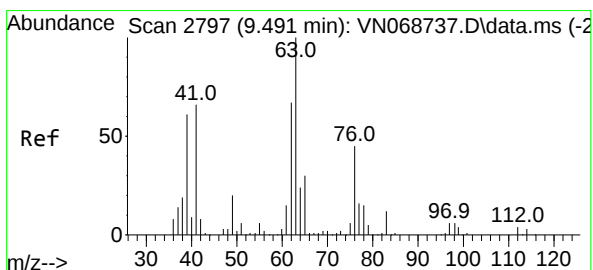
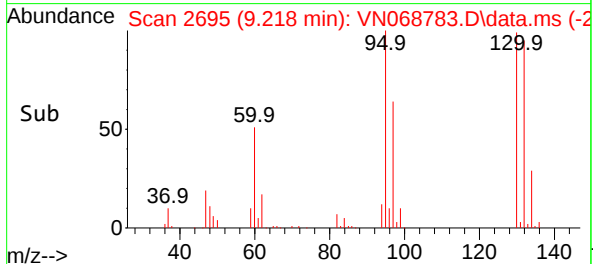
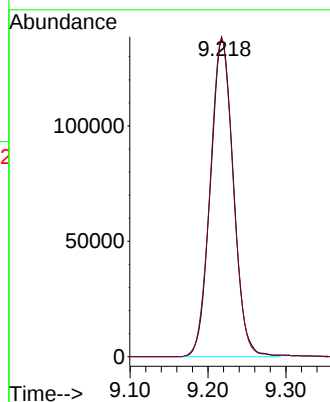
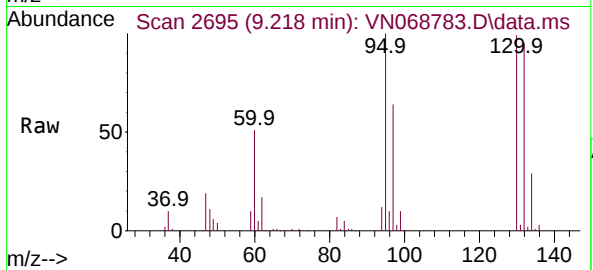
Acq: 1 Oct 2021 15:12

Tgt Ion:130 Resp: 282508

Ion Ratio Lower Upper

130 100

95 101.0 0.0 234.4



#45

1,2-Dichloropropane

Concen: 2.269 ug/l

RT: 9.494 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VN068783.D

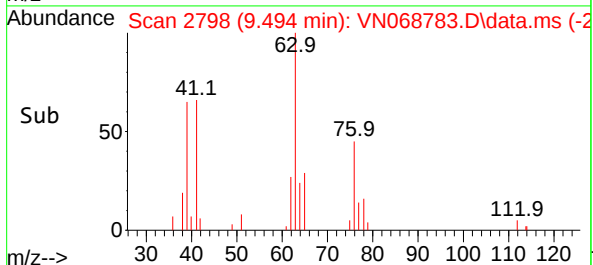
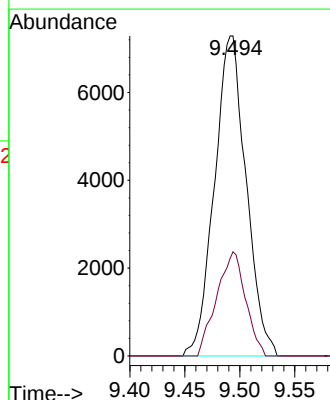
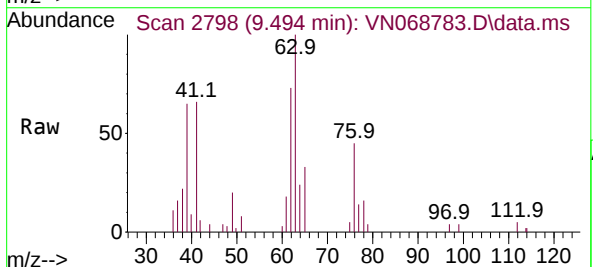
Acq: 1 Oct 2021 15:12

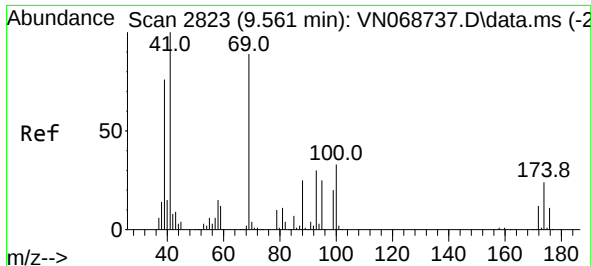
Tgt Ion: 63 Resp: 14598

Ion Ratio Lower Upper

63 100

65 32.6 24.3 36.5

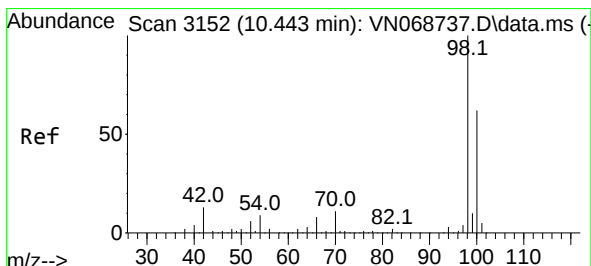
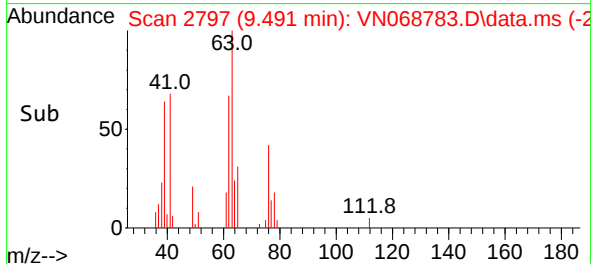
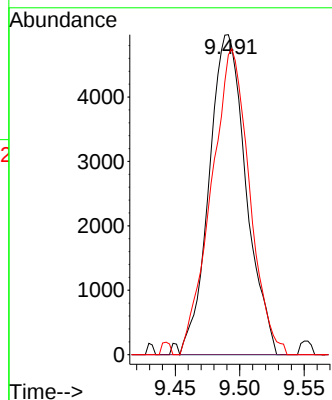
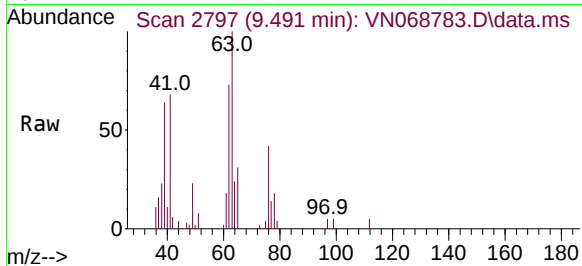




#48
Methyl methacrylate
Concen: 1.651 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.070 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

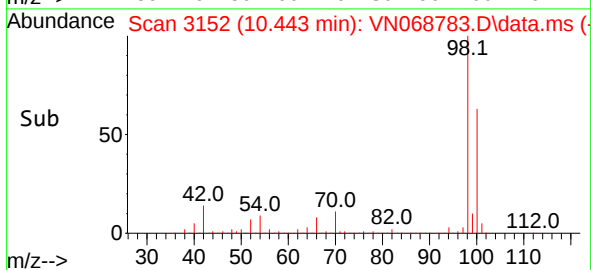
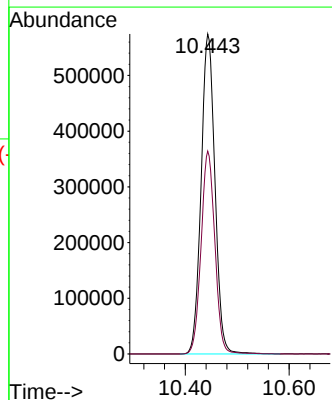
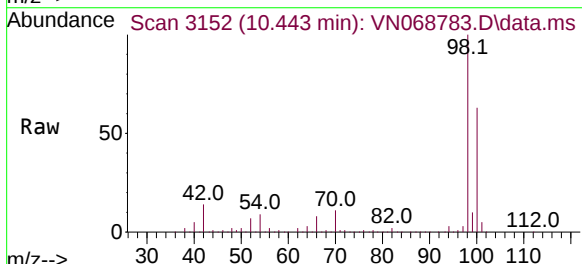
Instrument :
MSVOA_N
ClientSampleId :
MW17811-20210921DL

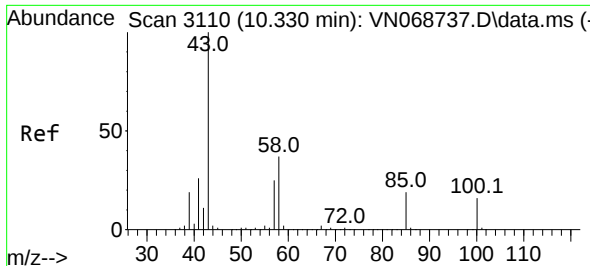
Tgt Ion: 41 Resp: 9907
Ion Ratio Lower Upper
41 100
69 0.0 64.6 96.8#
39 98.8 53.3 79.9#



#50
Toluene-d8
Concen: 53.746 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

Tgt Ion: 98 Resp: 1062751
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5

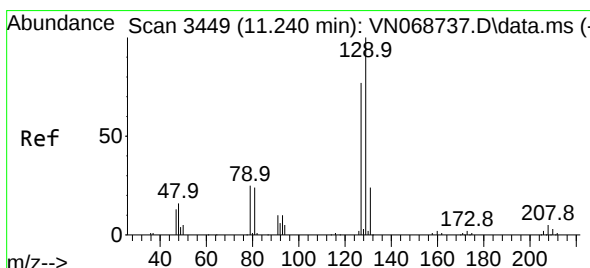
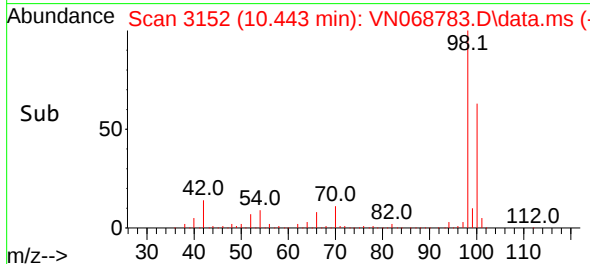
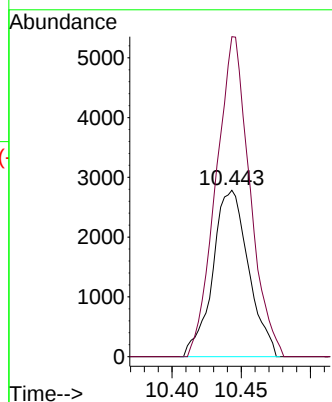
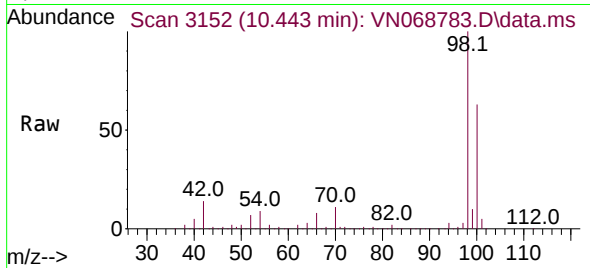




#51
4-Methyl-2-Pentanone
Concen: 0.579 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.113 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

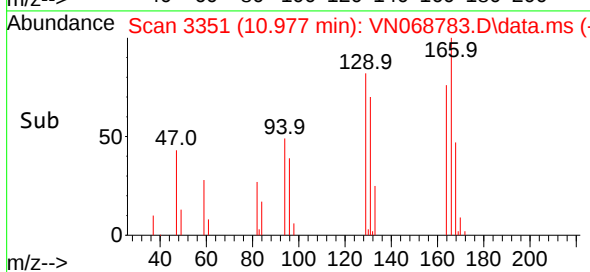
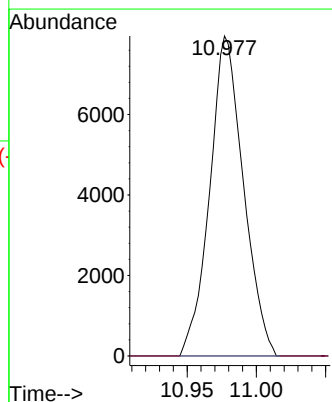
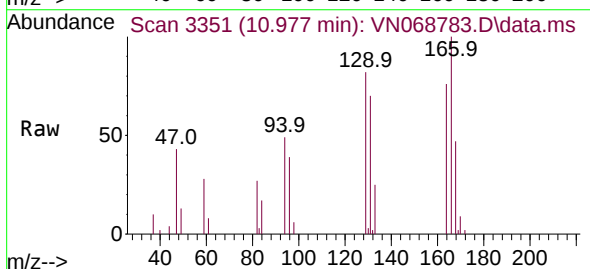
Instrument :
MSVOA_N
ClientSampleId :
MW17811-20210921DL

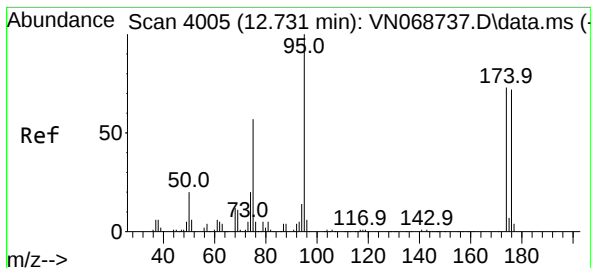
Tgt Ion: 43 Resp: 5009
Ion Ratio Lower Upper
43 100
58 181.9 28.6 43.0#



#60
Dibromochloromethane
Concen: 1.806 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.263 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

Tgt Ion: 129 Resp: 13454
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

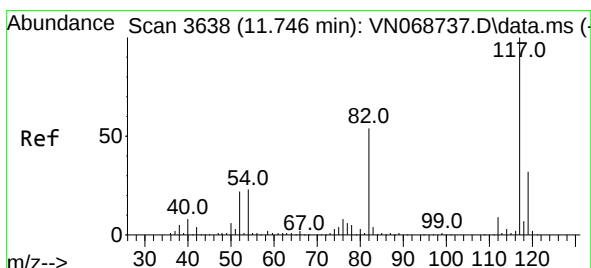
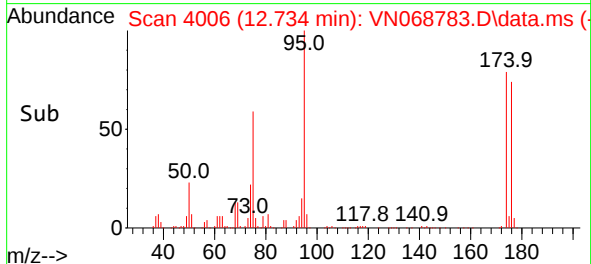
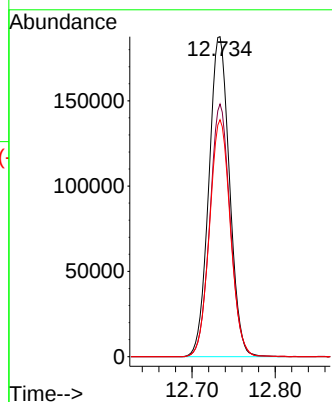
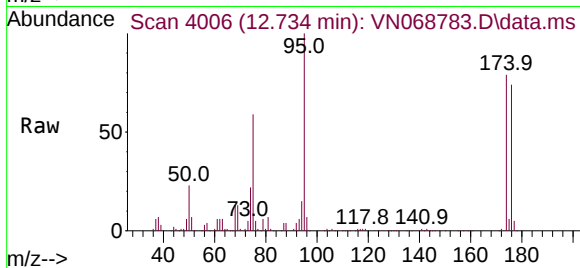




#62
4-Bromofluorobenzene
Concen: 47.207 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

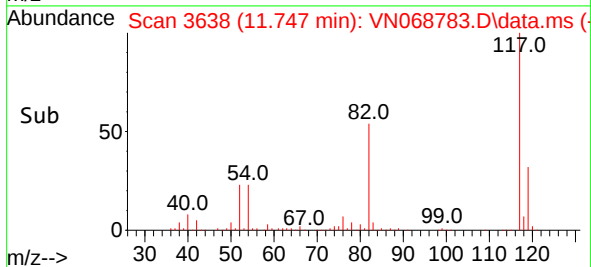
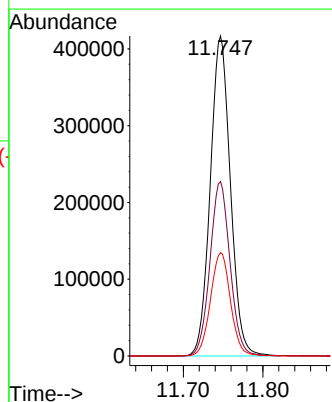
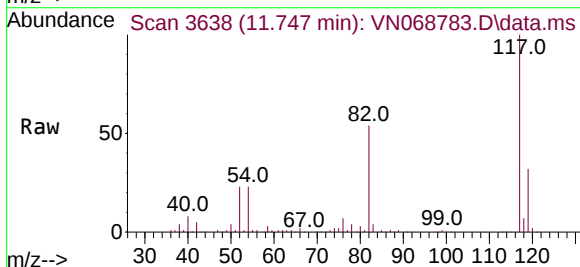
Instrument :
MSVOA_N
ClientSampleId :
MW17811-20210921DL

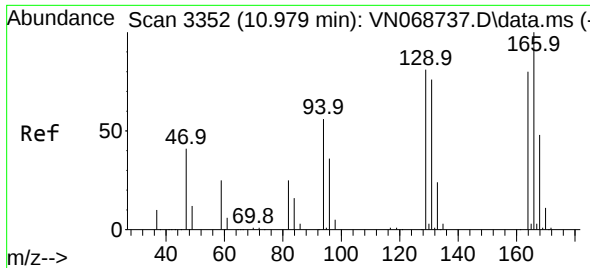
Tgt Ion: 95 Resp: 324348
Ion Ratio Lower Upper
95 100
174 77.7 0.0 122.0
176 74.7 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

Tgt Ion: 117 Resp: 733107
Ion Ratio Lower Upper
117 100
82 54.5 53.1 79.7
119 32.3 25.5 38.3



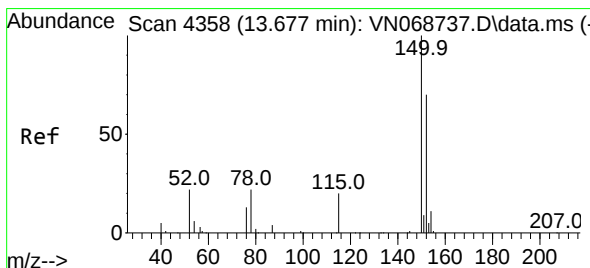
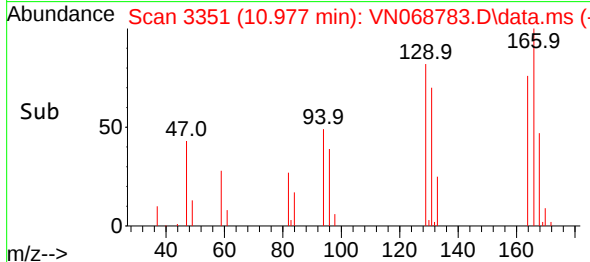
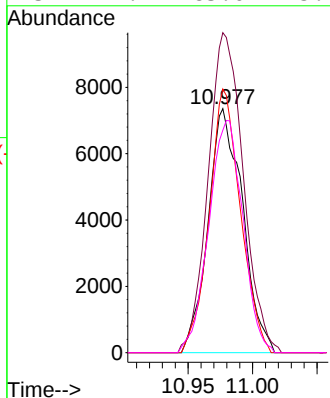
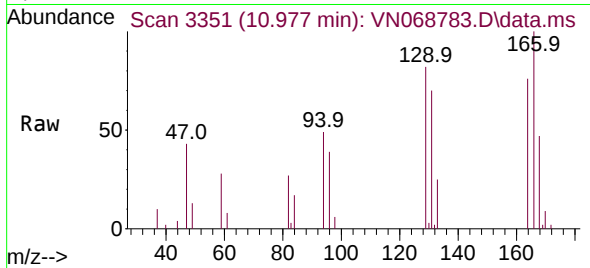


#64
Tetrachloroethene
Concen: 2.502 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

Instrument :
MSVOA_N
ClientSampleId :
MW17811-20210921DL

Tgt Ion:164 Resp: 13691

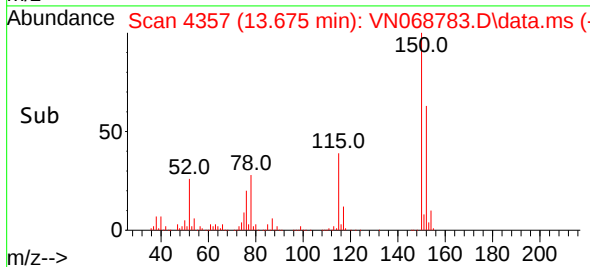
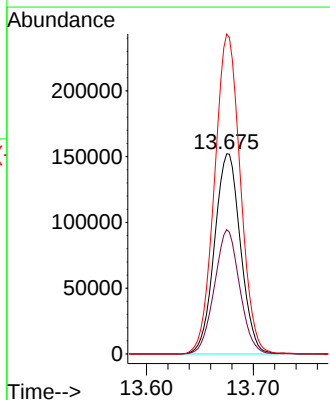
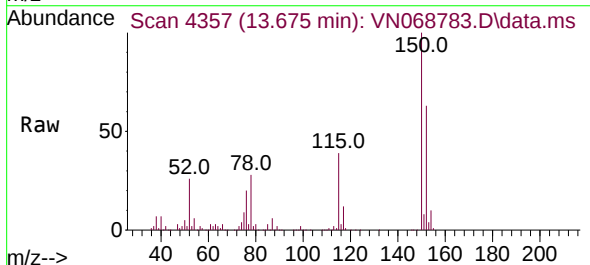
Ion	Ratio	Lower	Upper
164	100		
166	131.1	102.1	153.1
129	108.1	86.9	130.3
131	91.2	83.6	125.4

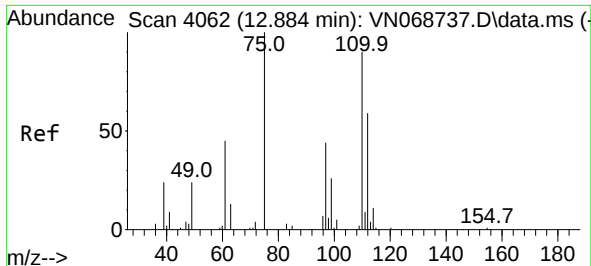


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

Tgt Ion:152 Resp: 257303

Ion	Ratio	Lower	Upper
152	100		
115	60.5	36.1	108.5
150	158.9	0.0	351.8

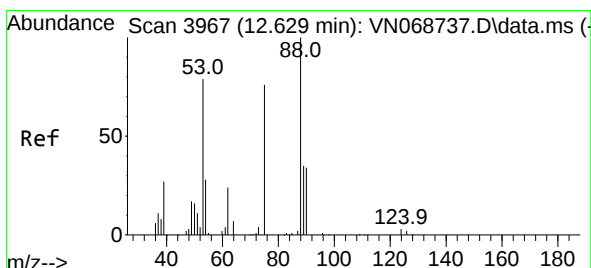
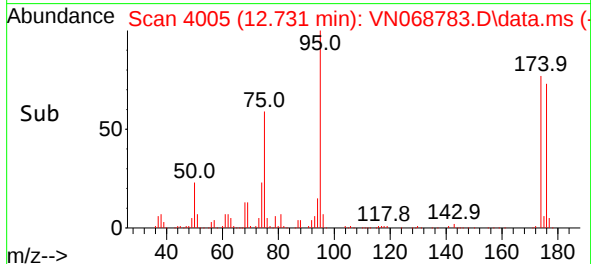
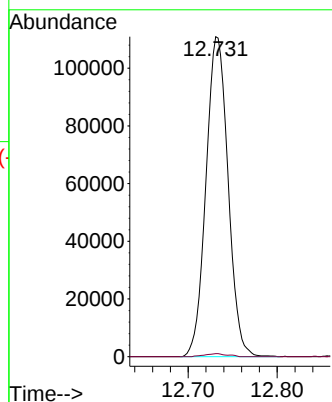
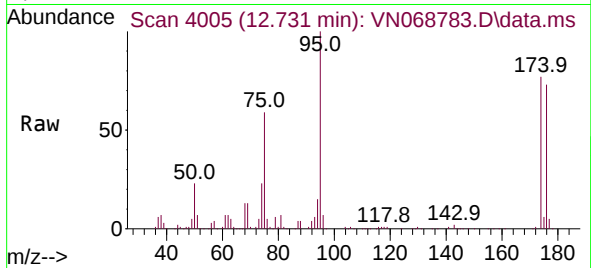




#76
1,2,3-Trichloropropane
Concen: 33.396 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.153 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

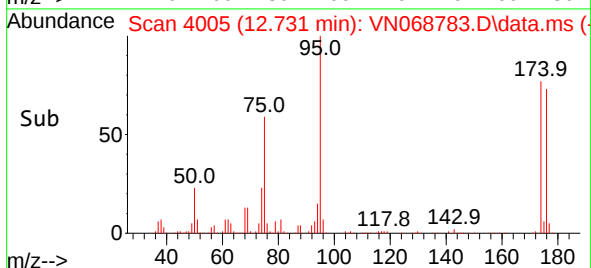
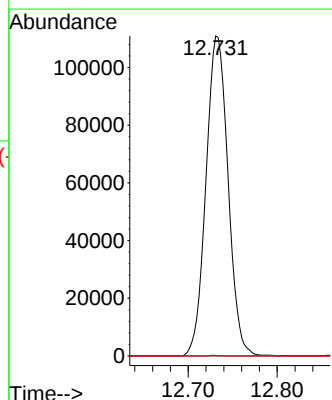
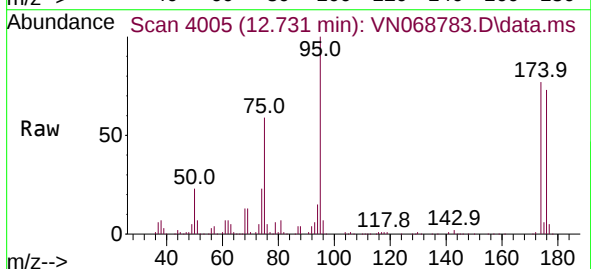
Instrument :
MSVOA_N
ClientSampleId :
MW17811-20210921DL

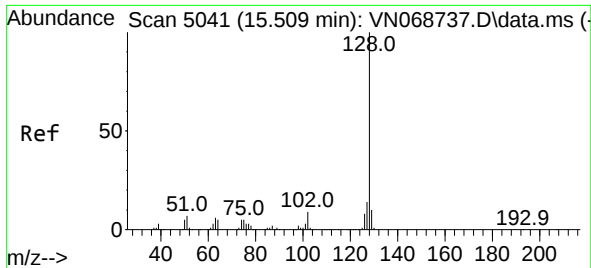
Tgt Ion: 75 Resp: 191096
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.082 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.102 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

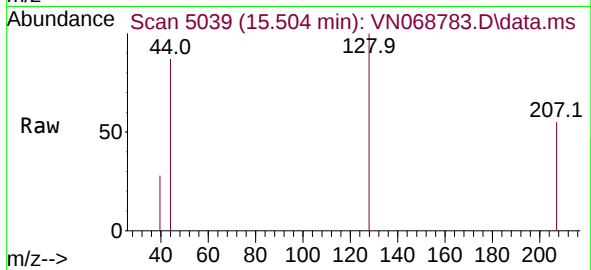
Tgt Ion: 75 Resp: 191096
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 1.542 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.005 min
Lab File: VN068783.D
Acq: 1 Oct 2021 15:12

Instrument :
MSVOA_N
ClientSampleId :
MW17811-20210921DL



Tgt Ion:128 Resp: 1187
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 5.1 8.6 12.8#

