

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091721\
 Data File : VN068520.D
 Acq On : 17 Sep 2021 15:19
 Operator : JC/MD
 Sample : M3781-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE135D1-20210915

Quant Time: Sep 20 03:57:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

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

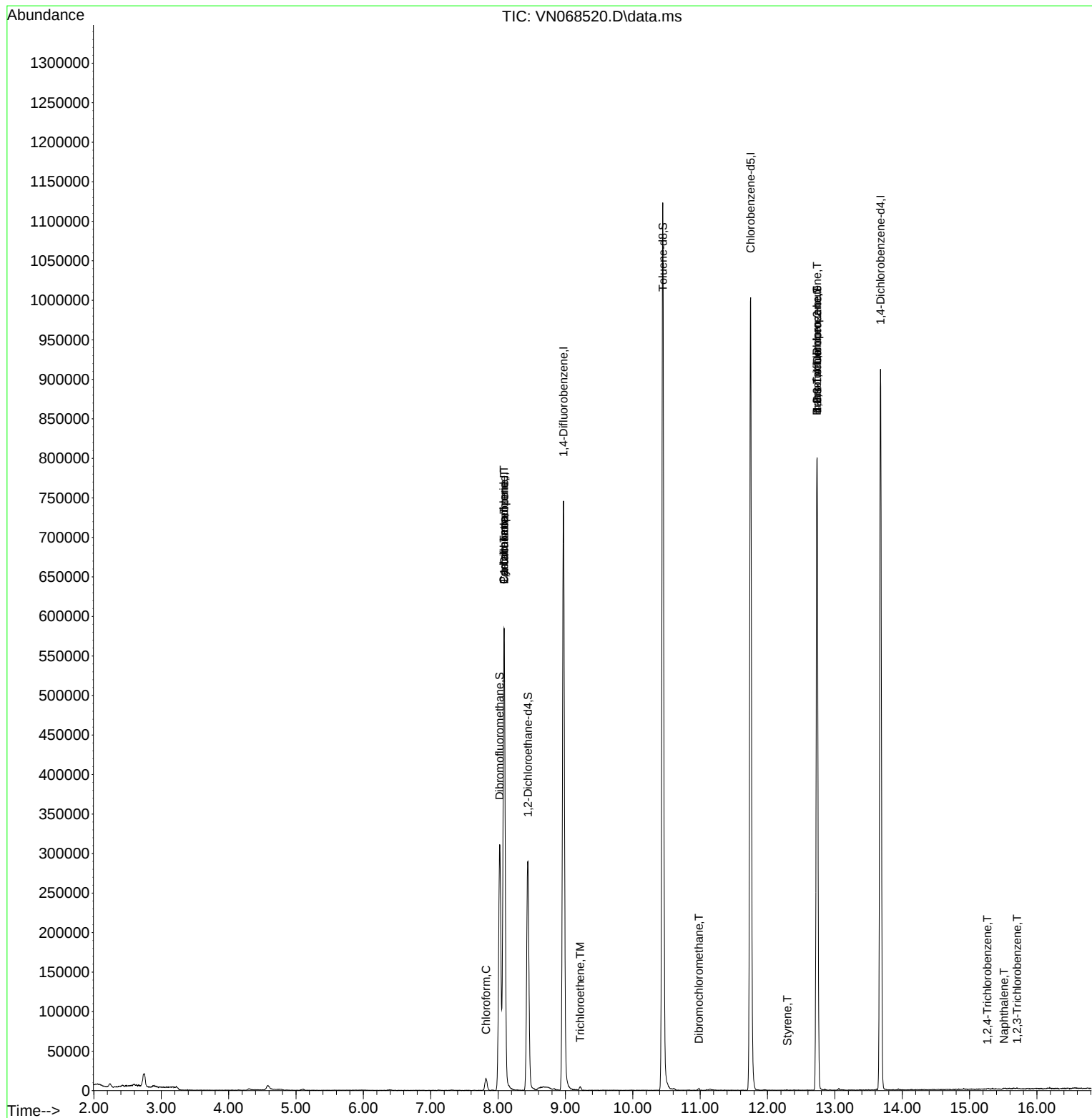
Internal Standards						
1) Pentafluorobenzene	8.091	168	496576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	727851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	665099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	295116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	251062	55.117	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.240%			
35) Dibromofluoromethane	8.024	113	229137	52.197	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.400%			
50) Toluene-d8	10.446	98	862076	48.032	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.060%			
62) 4-Bromofluorobenzene	12.736	95	270328	45.919	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.840%			
Target Compounds						Qvalue
3) Chloromethane	2.306	50	905	Below Cal		91
5) Bromomethane	2.821	94	51	Below Cal	#	3
16) Acetone	4.285	43	763	Below Cal	#	41
18) Methyl Acetate	4.859	43	379	Below Cal	#	45
20) Methylene Chloride	5.093	84	209	Below Cal	#	44
30) Chloroform	7.820	83	15533	1.806	ug/l	99
31) Cyclohexane	8.088	56	8398	1.217	ug/l #	54
36) 1,1-Dichloropropene	8.091	75	30694	5.058	ug/l #	40
38) Carbon Tetrachloride	8.088	117	46939	6.457	ug/l #	17
44) Trichloroethene	9.220	130	1976	0.347	ug/l	78
60) Dibromochloromethane	10.982	129	589	1.890	ug/l #	11
70) Styrene	12.296	104	97	1.760	ug/l #	27
71) Bromoform	12.734	173	1725	2.849	ug/l #	1
76) 1,2,3-Trichloropropane	12.736	75	133964	32.628	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.736	75	133964	100.601	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.265	180	451	3.036	ug/l #	57
95) Naphthalene	15.509	128	1874	3.646	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.705	180	424	3.051	ug/l #	64

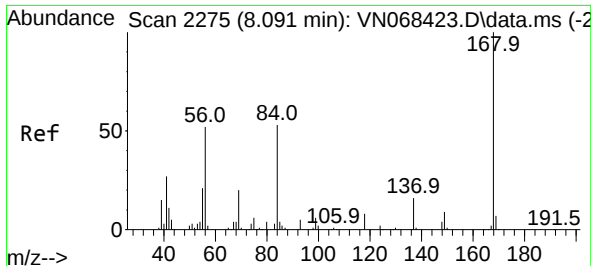
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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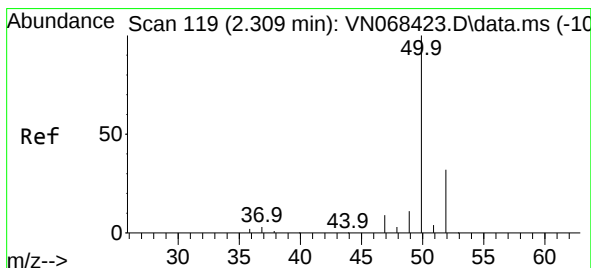
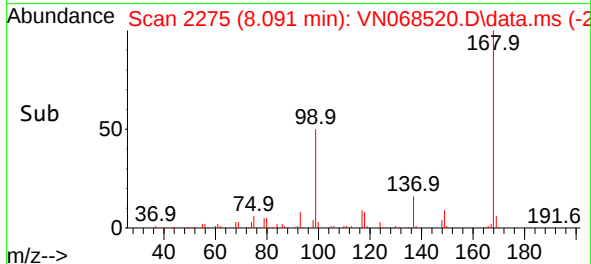
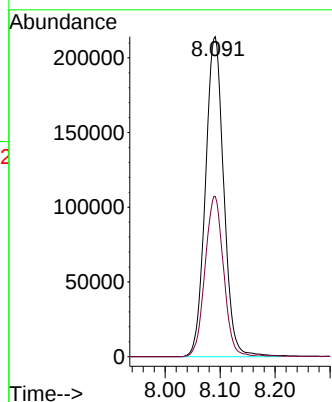
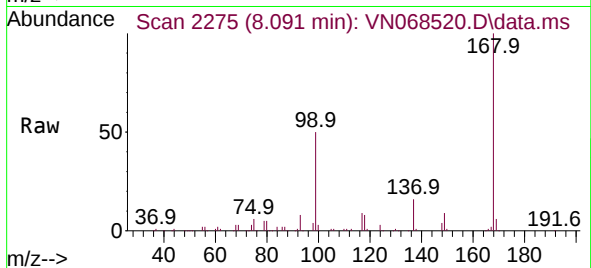




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VN068520.D
Acq: 17 Sep 2021 15:19

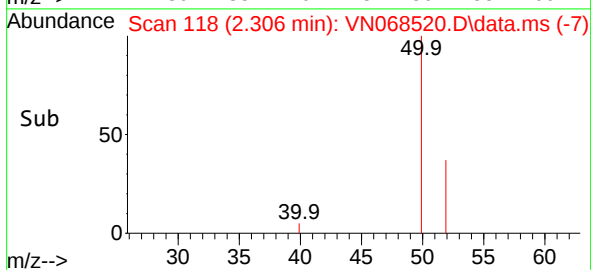
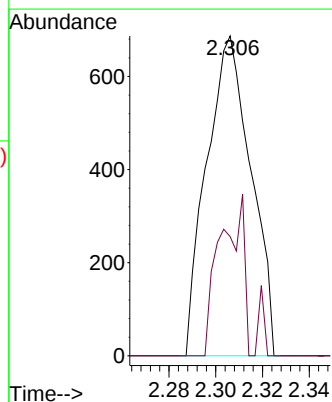
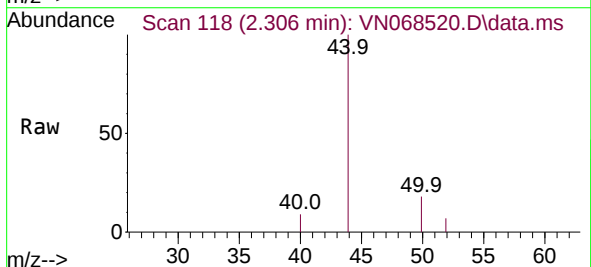
Instrument :
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ClientSampleId :
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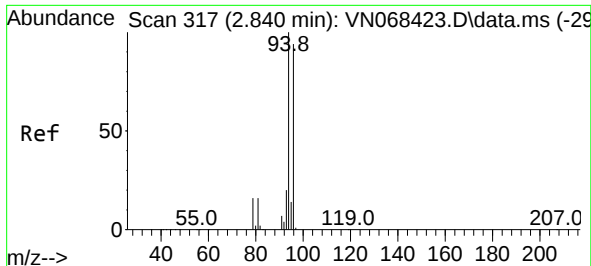
Tgt Ion:168 Resp: 496576
Ion Ratio Lower Upper
168 100
99 50.1 38.2 57.4



#3
Chloromethane
Concen: Below Cal
RT: 2.306 min Scan# 118
Delta R.T. -0.003 min
Lab File: VN068520.D
Acq: 17 Sep 2021 15:19

Tgt Ion: 50 Resp: 905
Ion Ratio Lower Upper
50 100
52 37.3 25.8 38.6

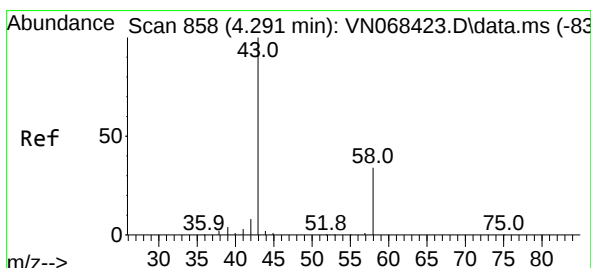
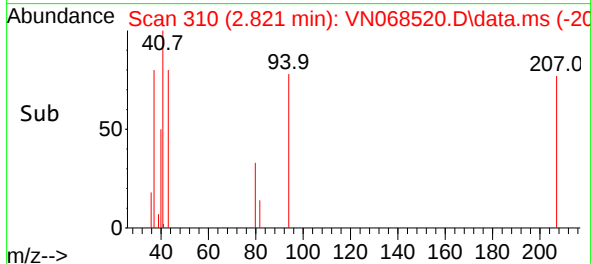
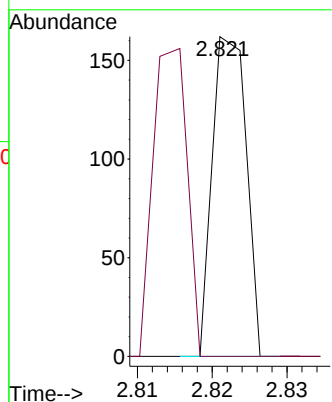
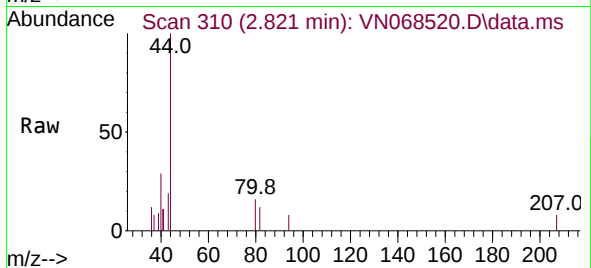




#5
Bromomethane
Concen: Below Cal
RT: 2.821 min Scan# 310
Delta R.T. -0.019 min
Lab File: VN068520.D
Acq: 17 Sep 2021 15:19

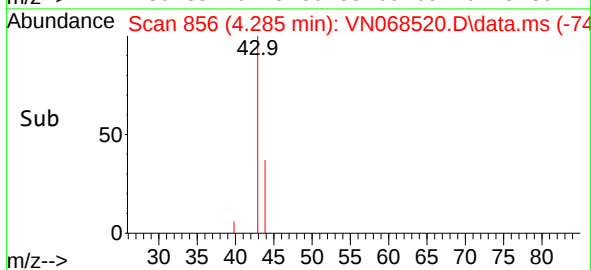
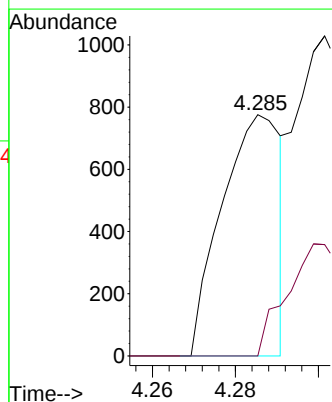
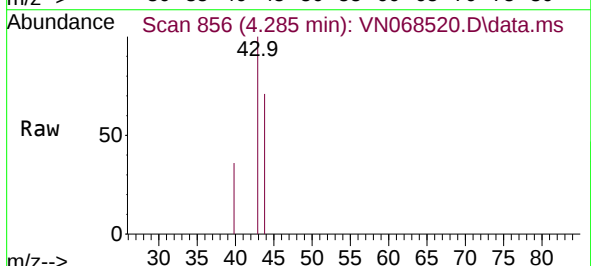
Instrument :
MSVOA_N
ClientSampleId :
RE135D1-20210915

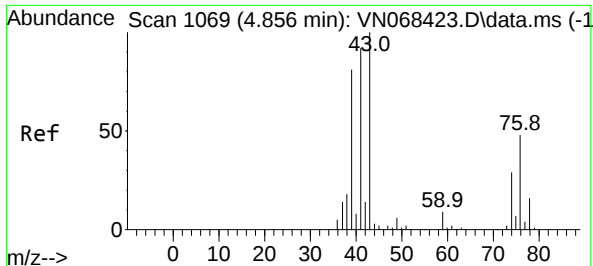
Tgt Ion: 94 Resp: 51
Ion Ratio Lower Upper
94 100
96 0.0 75.4 113.0#



#16
Acetone
Concen: Below Cal
RT: 4.285 min Scan# 856
Delta R.T. -0.006 min
Lab File: VN068520.D
Acq: 17 Sep 2021 15:19

Tgt Ion: 43 Resp: 763
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.859 min Scan# 1070

Delta R.T. 0.003 min

Lab File: VN068520.D

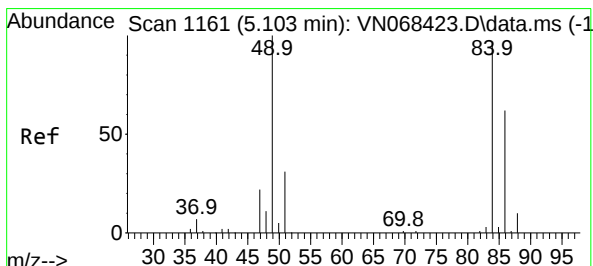
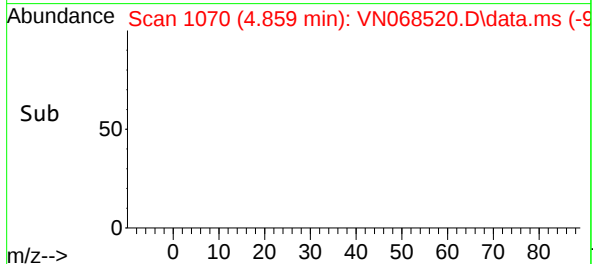
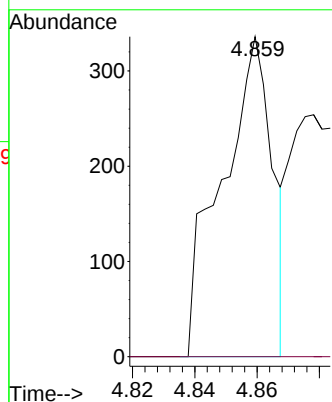
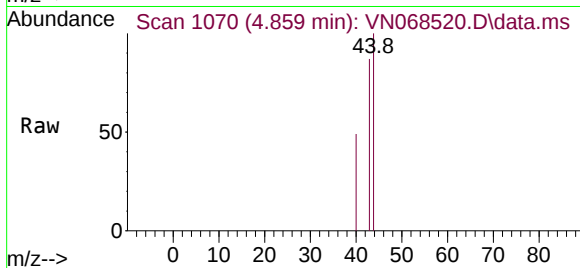
Acq: 17 Sep 2021 15:19

Tgt Ion: 43 Resp: 379

Ion Ratio Lower Upper

43 100

74 0.0 23.5 35.3#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.093 min Scan# 1157

Delta R.T. -0.010 min

Lab File: VN068520.D

Acq: 17 Sep 2021 15:19

Tgt Ion: 84 Resp: 209

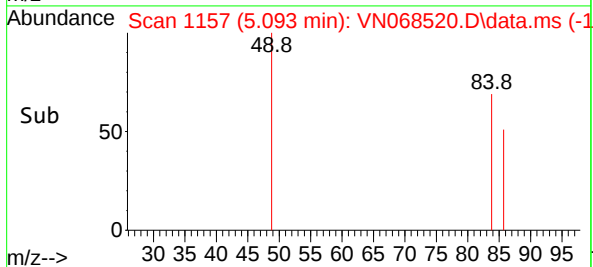
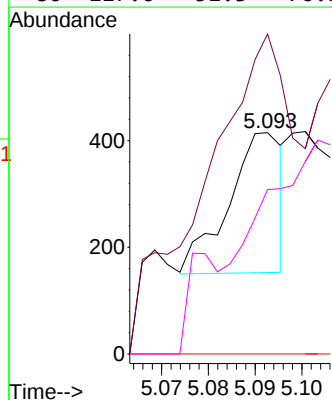
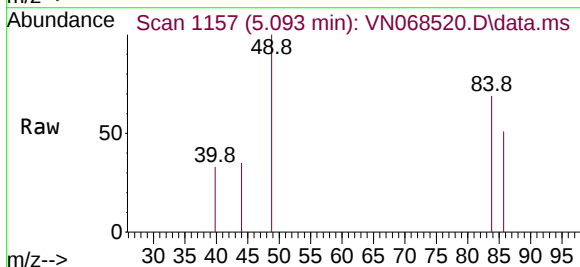
Ion Ratio Lower Upper

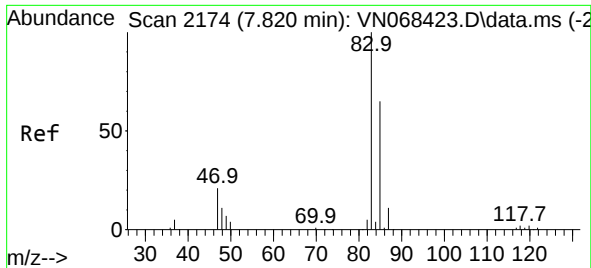
84 100

49 152.3 83.0 124.6#

51 0.0 25.4 38.0#

86 117.6 51.3 76.9#

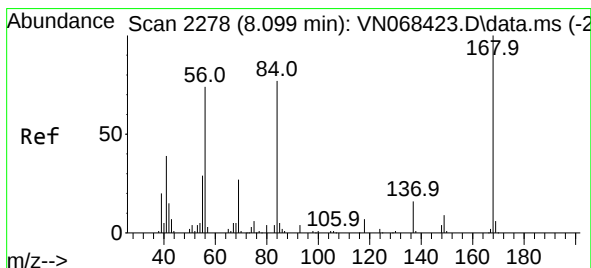
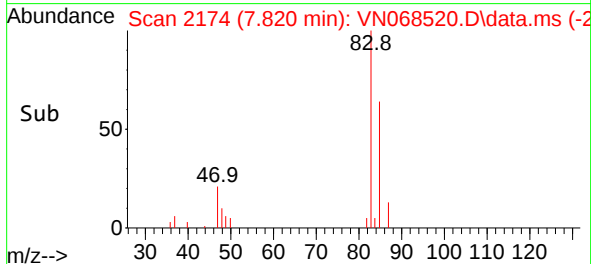
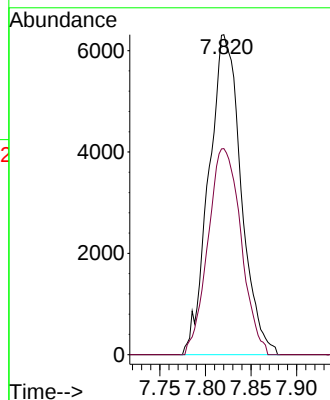
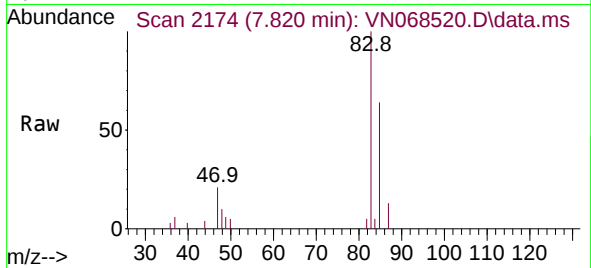




#30
Chloroform
Concen: 1.806 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN068520.D
Acq: 17 Sep 2021 15:19

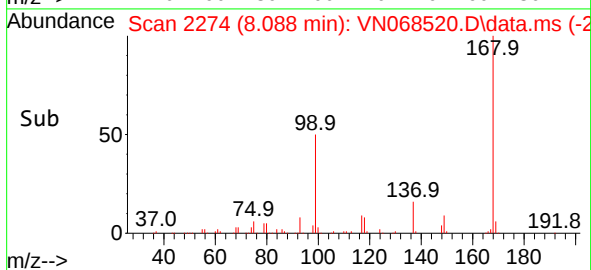
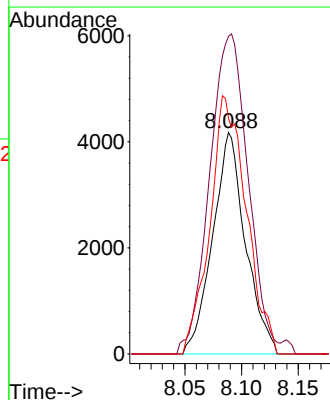
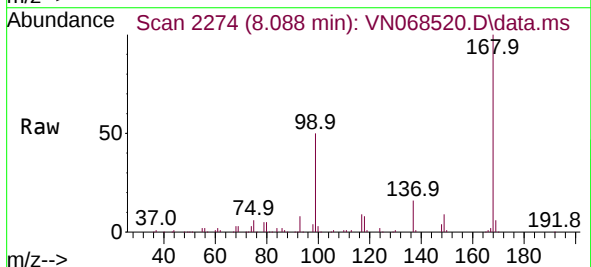
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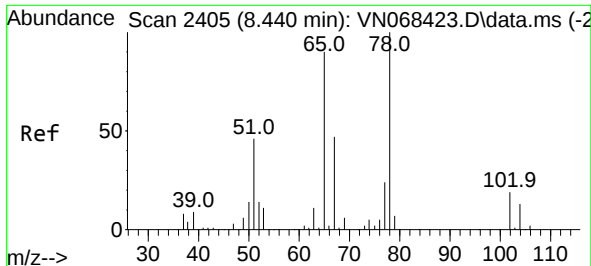
Tgt Ion: 83 Resp: 15533
Ion Ratio Lower Upper
83 100
85 64.4 52.2 78.4



#31
Cyclohexane
Concen: 1.217 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.011 min
Lab File: VN068520.D
Acq: 17 Sep 2021 15:19

Tgt Ion: 56 Resp: 8398
Ion Ratio Lower Upper
56 100
69 138.7 29.4 44.0#
84 106.5 83.6 125.4

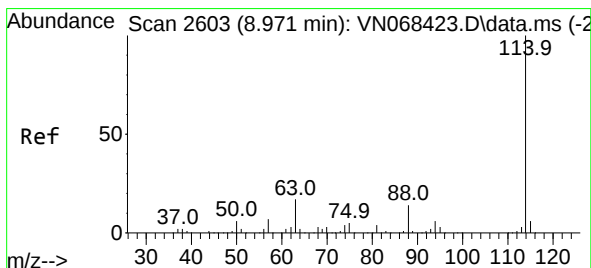
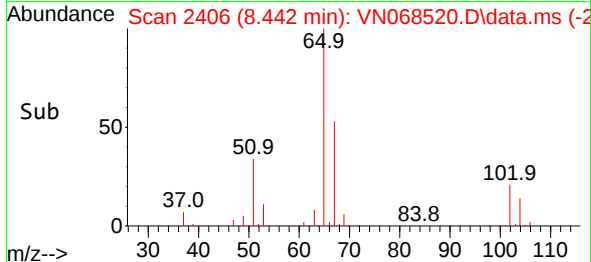
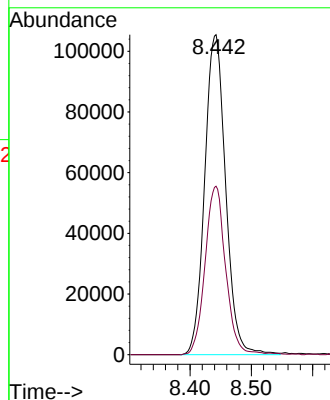
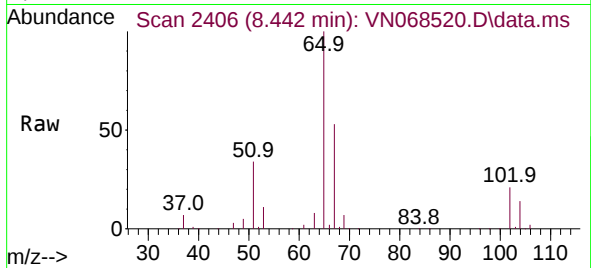




#33
 1,2-Dichloroethane-d4
 Concen: 55.117 ug/l
 RT: 8.442 min Scan# 2406
 Delta R.T. 0.002 min
 Lab File: VN068520.D
 Acq: 17 Sep 2021 15:19

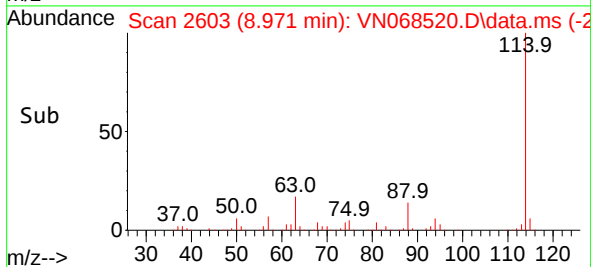
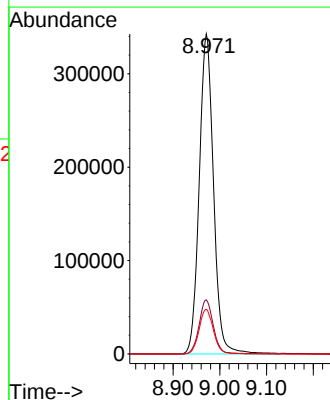
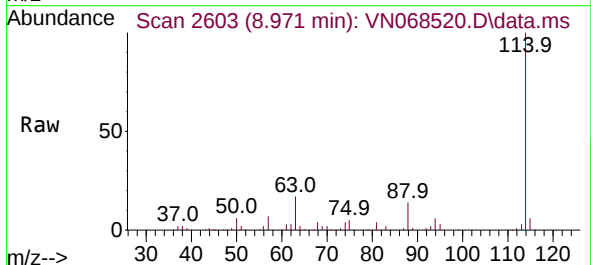
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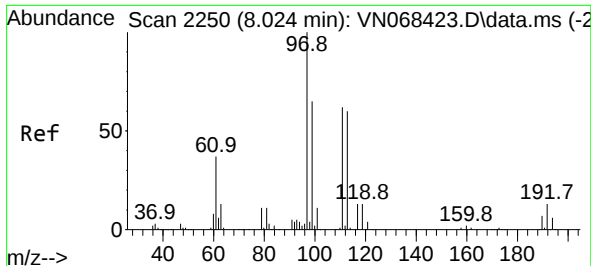
Tgt Ion: 65 Resp: 251062
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. -0.000 min
 Lab File: VN068520.D
 Acq: 17 Sep 2021 15:19

Tgt Ion: 114 Resp: 727851
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 33.2
 88 14.0 0.0 28.4

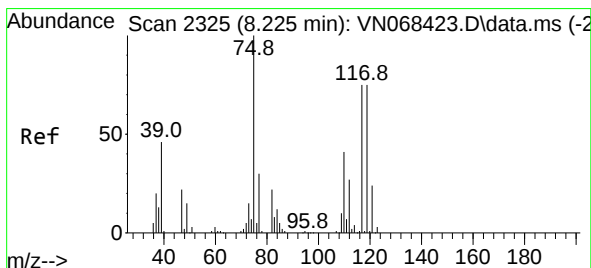
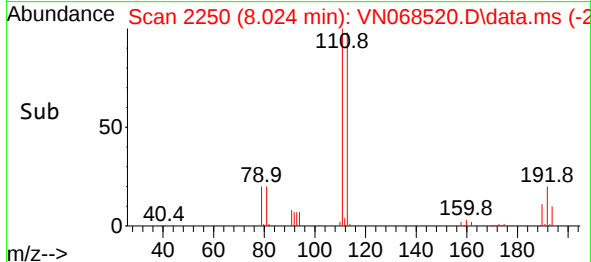
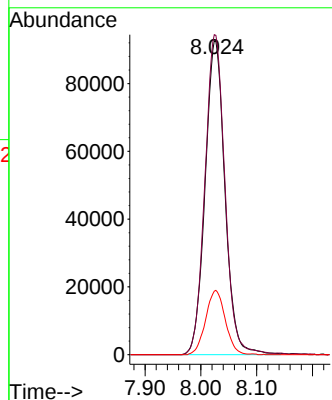
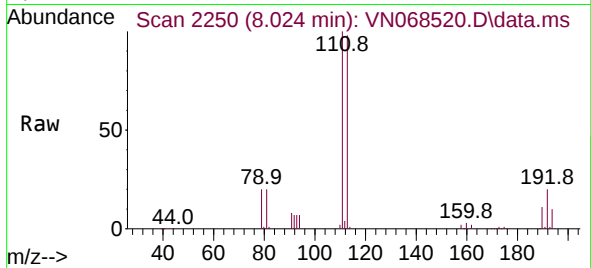




#35
Dibromofluoromethane
Concen: 52.197 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068520.D
Acq: 17 Sep 2021 15:19

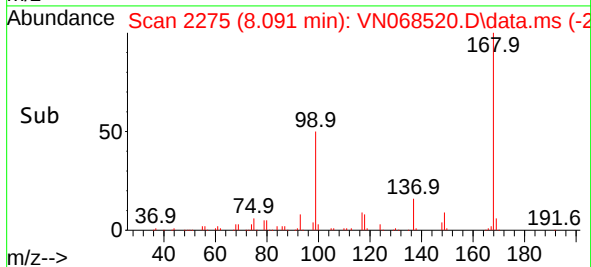
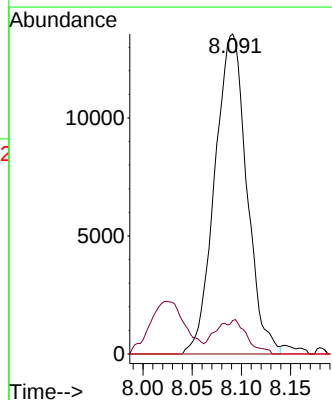
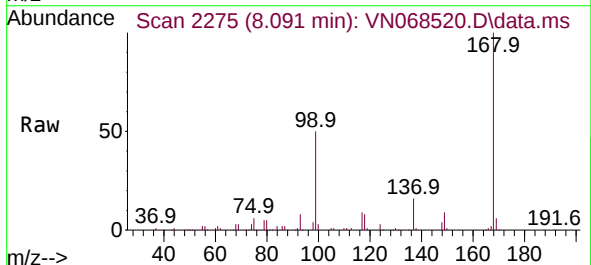
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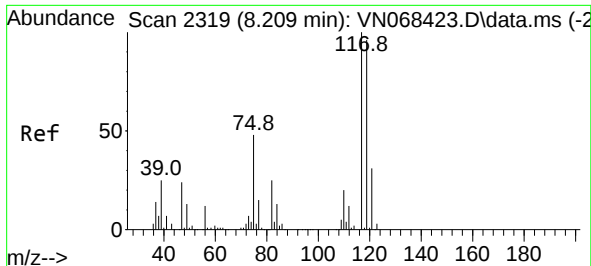
Tgt Ion:113 Resp: 229137
Ion Ratio Lower Upper
113 100
111 102.7 81.1 121.7
192 20.3 17.7 26.5



#36
1,1-Dichloropropene
Concen: 5.058 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.134 min
Lab File: VN068520.D
Acq: 17 Sep 2021 15:19

Tgt Ion: 75 Resp: 30694
Ion Ratio Lower Upper
75 100
110 2.7 20.8 62.5#
77 0.0 25.0 37.6#

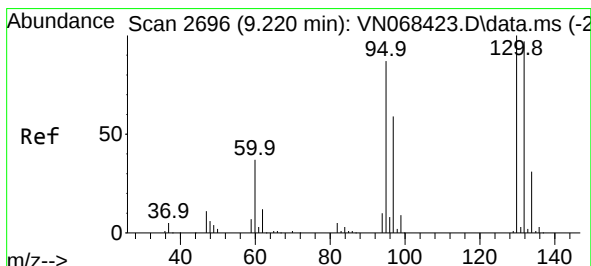
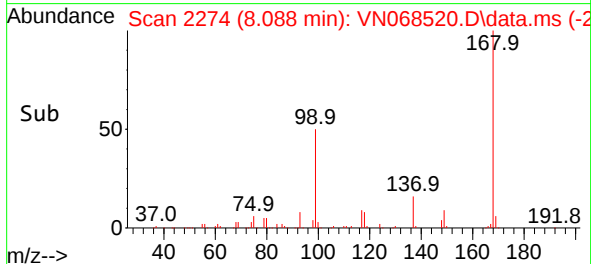
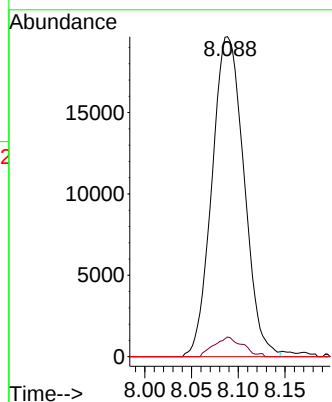
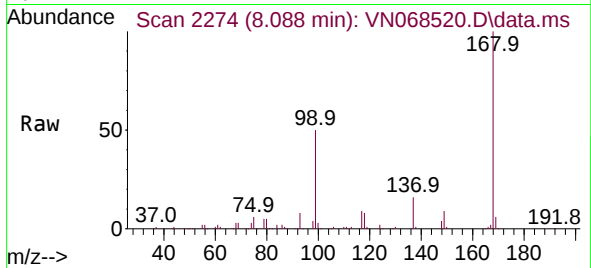




#38
Carbon Tetrachloride
Concen: 6.457 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068520.D
Acq: 17 Sep 2021 15:19

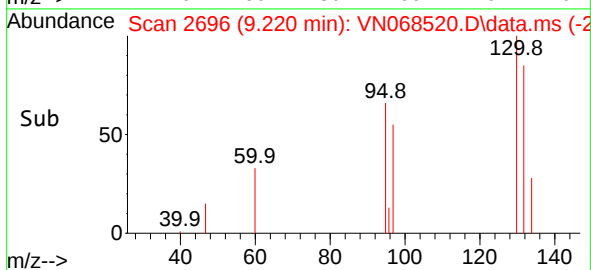
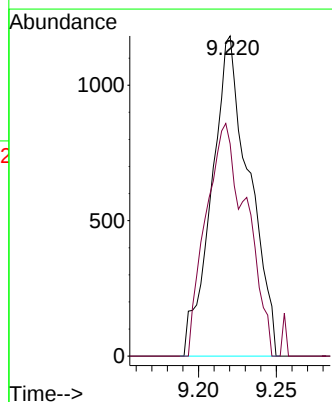
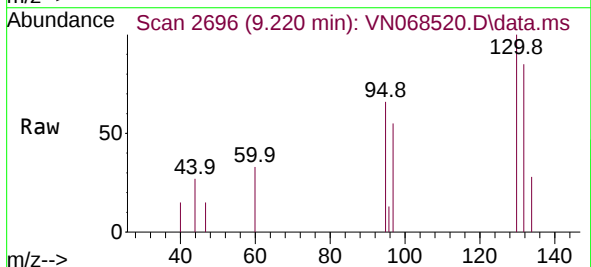
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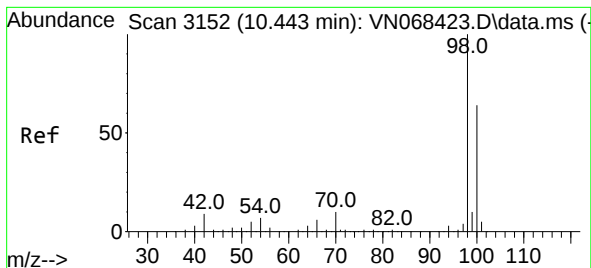
Tgt Ion:117 Resp: 46939
Ion Ratio Lower Upper
117 100
119 6.1 76.6 114.8#
121 0.0 24.5 36.7#



#44
Trichloroethene
Concen: 0.347 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.000 min
Lab File: VN068520.D
Acq: 17 Sep 2021 15:19

Tgt Ion:130 Resp: 1976
Ion Ratio Lower Upper
130 100
95 66.3 0.0 173.8

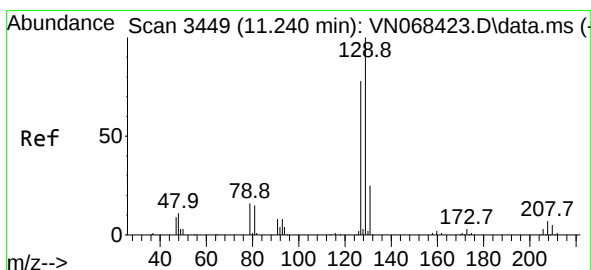
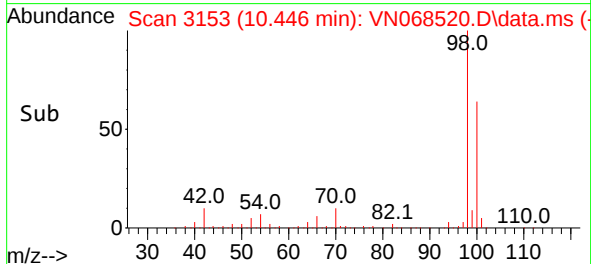
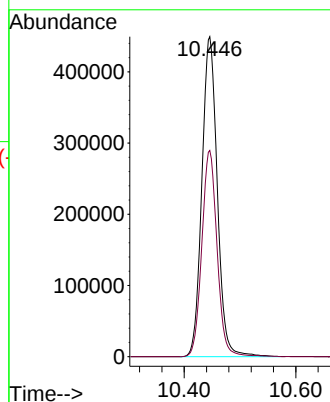
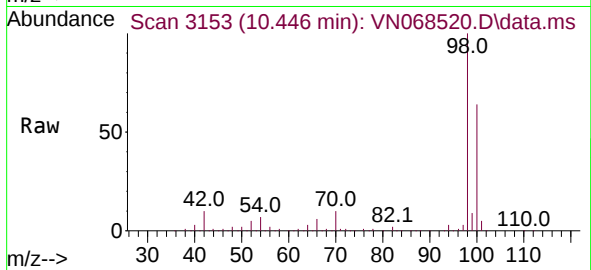




#50
Toluene-d8
Concen: 48.032 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068520.D
Acq: 17 Sep 2021 15:19

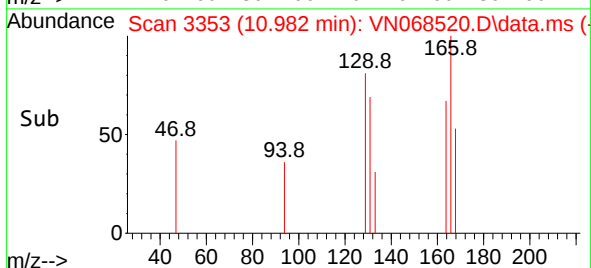
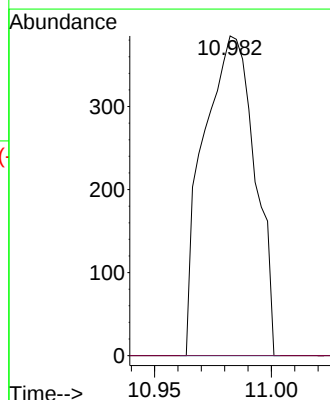
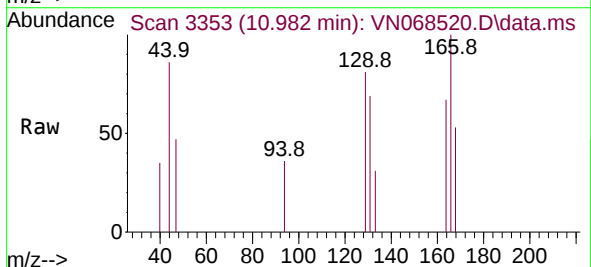
Instrument :
MSVOA_N
ClientSampleId :
RE135D1-20210915

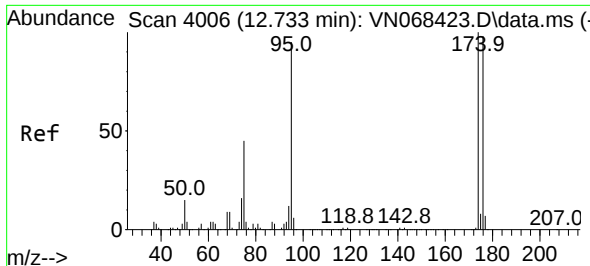
Tgt Ion: 98 Resp: 862076
Ion Ratio Lower Upper
98 100
100 63.8 51.0 76.6



#60
Dibromochloromethane
Concen: 1.890 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. -0.258 min
Lab File: VN068520.D
Acq: 17 Sep 2021 15:19

Tgt Ion: 129 Resp: 589
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#

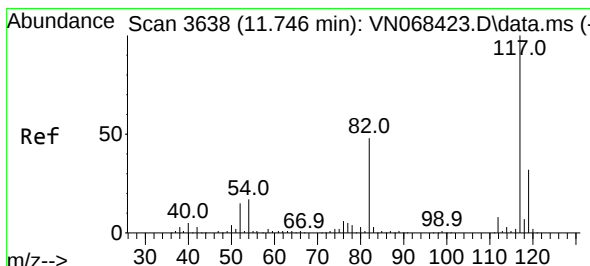
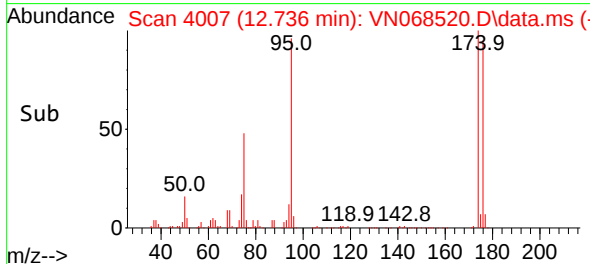
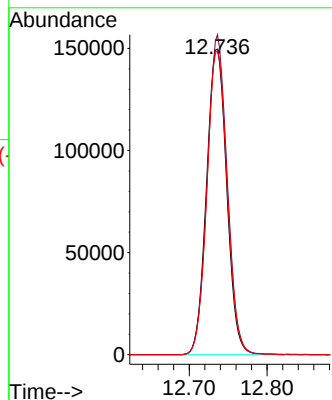
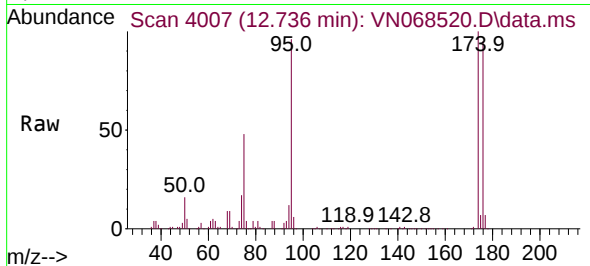




#62
4-Bromofluorobenzene
Concen: 45.919 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN068520.D
Acq: 17 Sep 2021 15:19

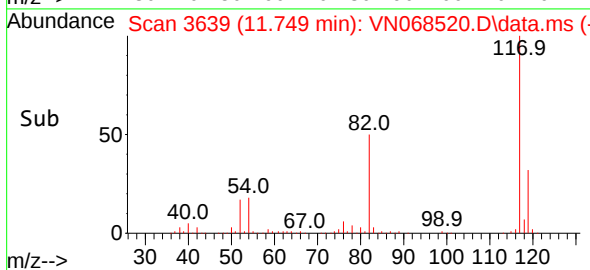
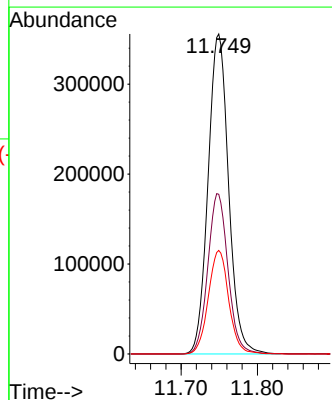
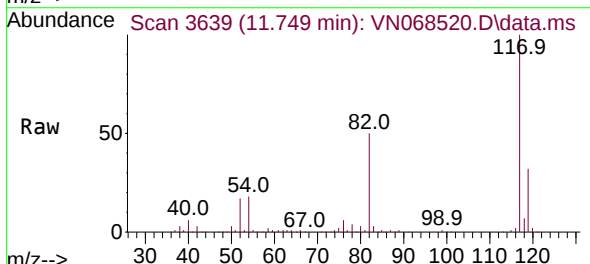
Instrument :
MSVOA_N
ClientSampleId :
RE135D1-20210915

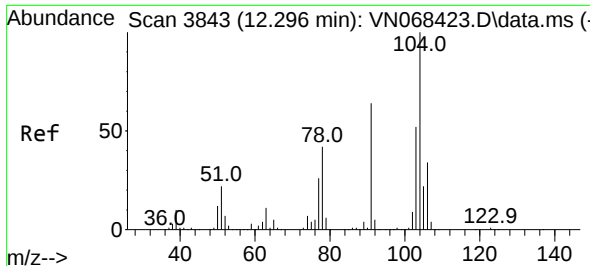
Tgt Ion: 95 Resp: 270328
Ion Ratio Lower Upper
95 100
174 103.5 0.0 214.0
176 99.9 0.0 205.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068520.D
Acq: 17 Sep 2021 15:19

Tgt Ion: 117 Resp: 665099
Ion Ratio Lower Upper
117 100
82 49.9 38.7 58.1
119 32.4 25.5 38.3

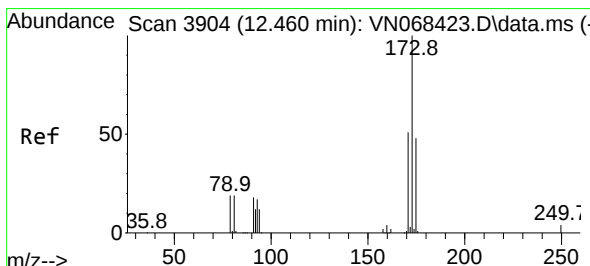
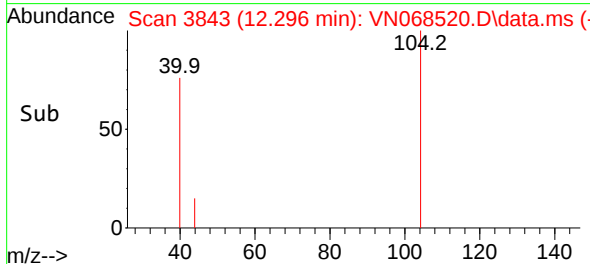
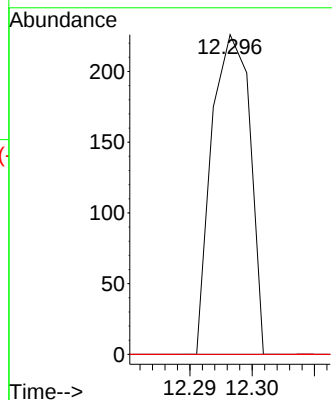
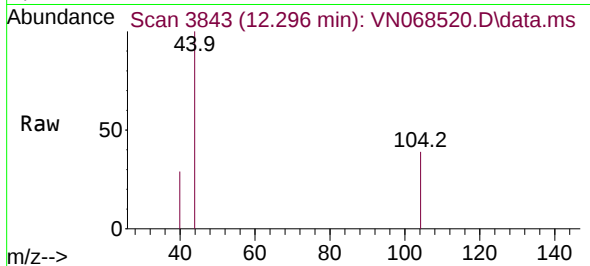




#70
Styrene
Concen: 1.760 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068520.D
Acq: 17 Sep 2021 15:19

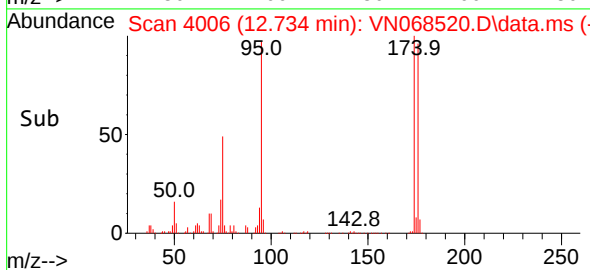
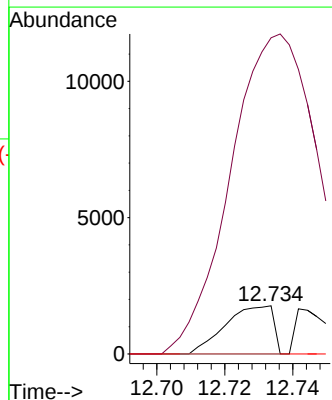
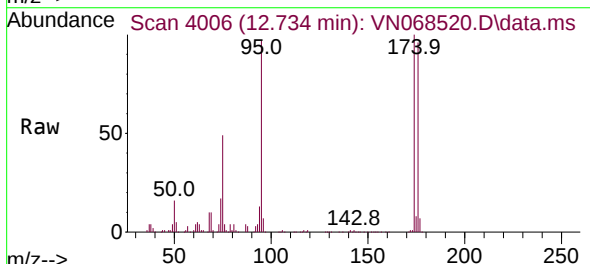
Instrument :
MSVOA_N
ClientSampleId :
RE135D1-20210915

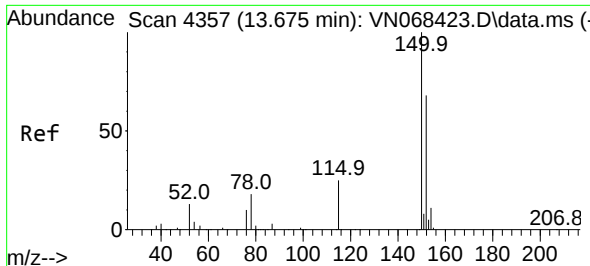
Tgt Ion:104 Resp: 97
Ion Ratio Lower Upper
104 100
78 0.0 36.2 54.2#
103 0.0 44.4 66.6#



#71
Bromoform
Concen: 2.849 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.274 min
Lab File: VN068520.D
Acq: 17 Sep 2021 15:19

Tgt Ion:173 Resp: 1725
Ion Ratio Lower Upper
173 100
175 1138.6 24.1 72.3#
254 0.0 0.0 0.0

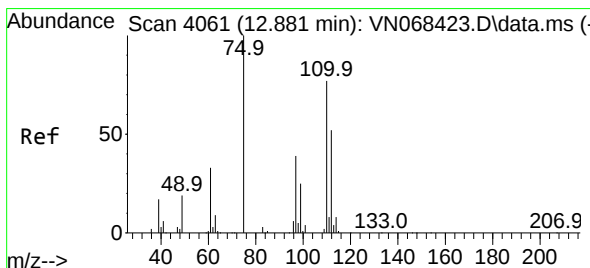
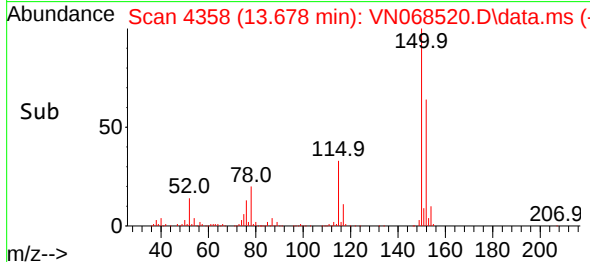
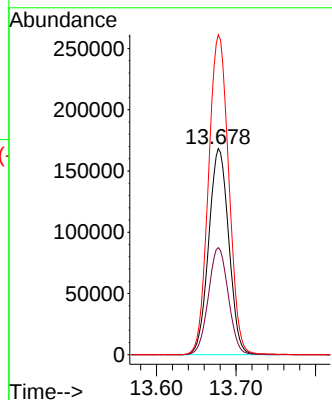
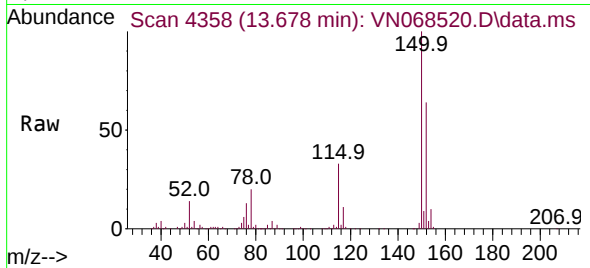




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068520.D
Acq: 17 Sep 2021 15:19

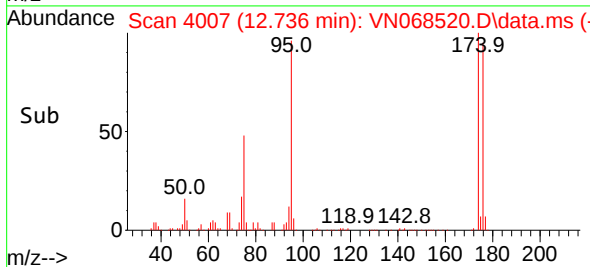
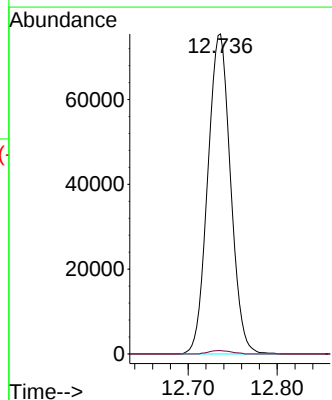
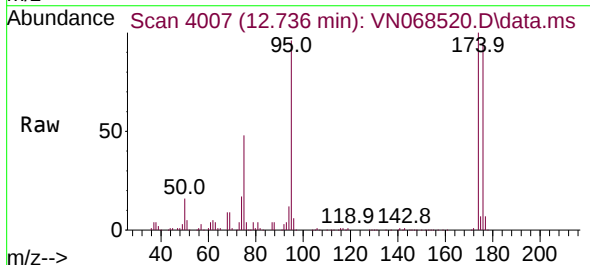
Instrument :
MSVOA_N
ClientSampleId :
RE135D1-20210915

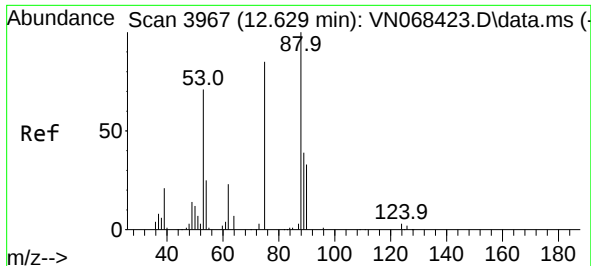
Tgt Ion:152 Resp: 295116
Ion Ratio Lower Upper
152 100
115 51.6 25.6 76.6
150 156.7 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 32.628 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.145 min
Lab File: VN068520.D
Acq: 17 Sep 2021 15:19

Tgt Ion: 75 Resp: 133964
Ion Ratio Lower Upper
75 100
77 1.1 100.9 302.7#

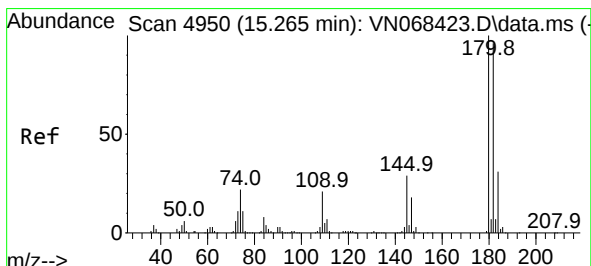
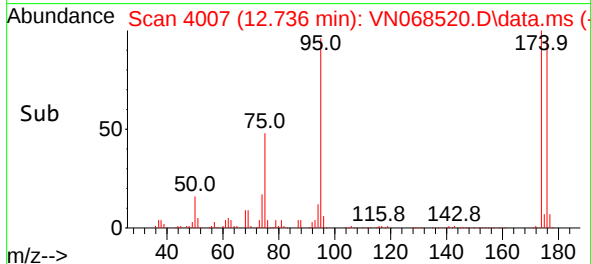
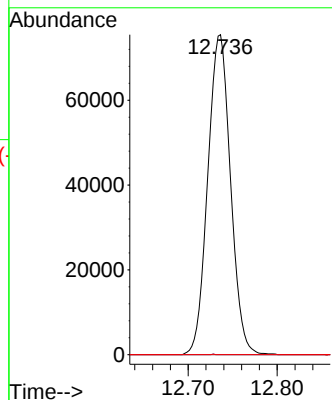
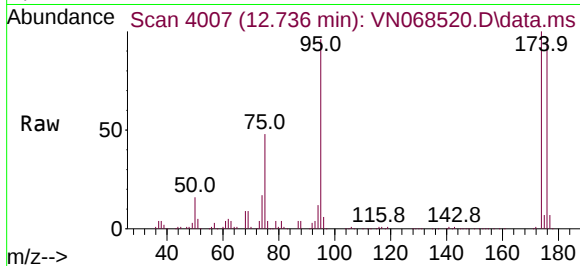




#81
trans-1,4-Dichloro-2-butene
Concen: 100.601 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN068520.D
Acq: 17 Sep 2021 15:19

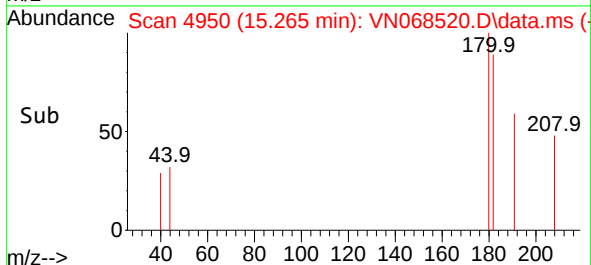
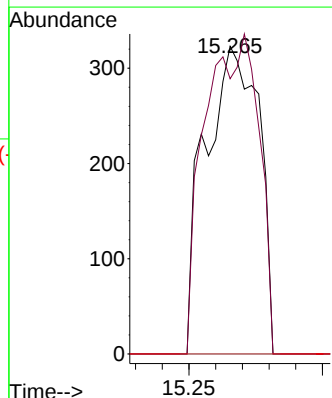
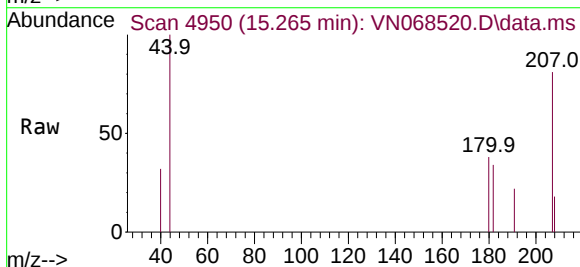
Instrument :
MSVOA_N
ClientSampleId :
RE135D1-20210915

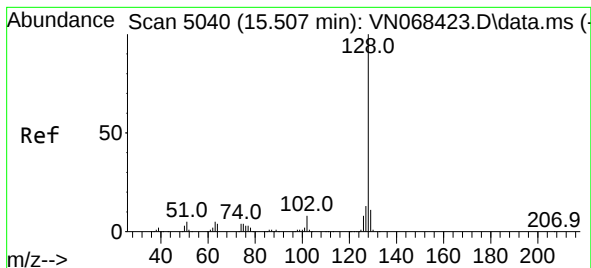
Tgt Ion: 75 Resp: 133964
Ion Ratio Lower Upper
75 100
53 0.0 70.6 105.8#
89 0.0 39.5 59.3#



#93
1,2,4-Trichlorobenzene
Concen: 3.036 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068520.D
Acq: 17 Sep 2021 15:19

Tgt Ion:180 Resp: 451
Ion Ratio Lower Upper
180 100
182 56.3 47.5 142.6
145 0.0 14.1 42.4#

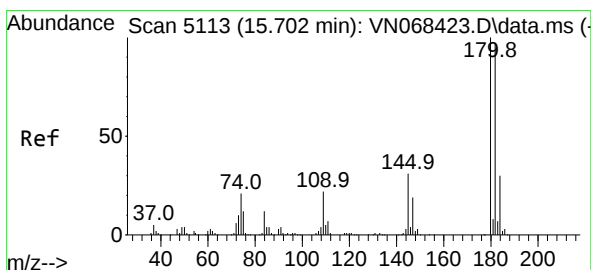
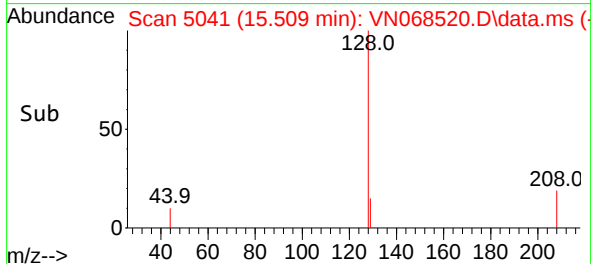
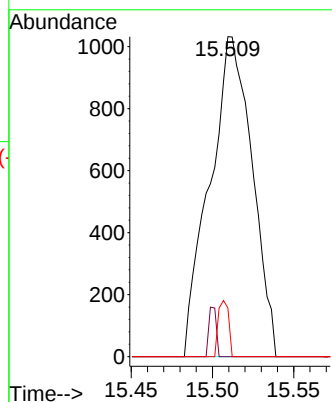
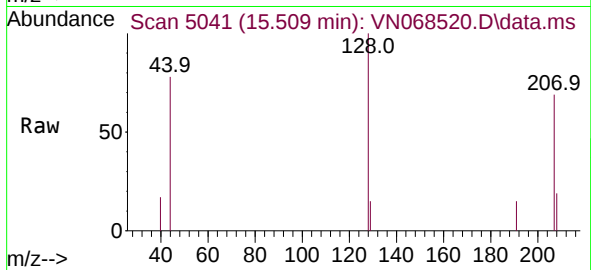




#95
Naphthalene
Concen: 3.646 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068520.D
Acq: 17 Sep 2021 15:19

Instrument :
MSVOA_N
ClientSampleId :
RE135D1-20210915

Tgt Ion:128 Resp: 1874
Ion Ratio Lower Upper
128 100
127 2.7 10.6 15.8#
129 4.3 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 3.051 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN068520.D
Acq: 17 Sep 2021 15:19

Tgt Ion:180 Resp: 424
Ion Ratio Lower Upper
180 100
182 125.2 47.9 143.6
145 0.0 15.2 45.5#

