

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082521\
 Data File : VN068294.D
 Acq On : 25 Aug 2021 12:14
 Operator : JC/MD
 Sample : VN0825WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBL01

Quant Time: Aug 26 04:00:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

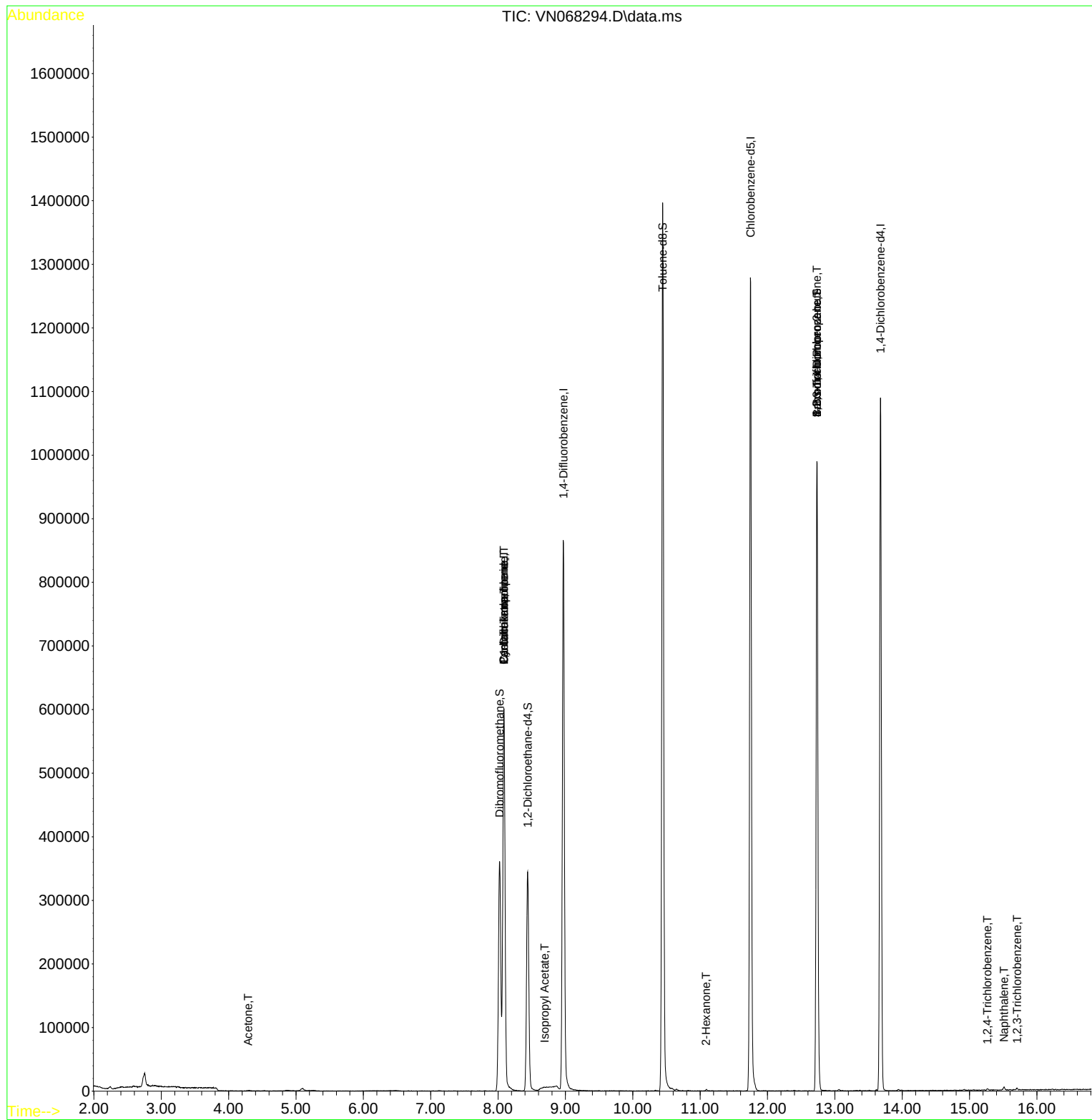
Internal Standards						
1) Pentafluorobenzene	8.088	168	507466	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	836744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	835602	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	326722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	295954	54.621	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.240%			
35) Dibromofluoromethane	8.021	113	269827	51.363	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.720%			
50) Toluene-d8	10.443	98	1039487	51.930	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.860%			
62) 4-Bromofluorobenzene	12.734	95	340130	51.043	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.080%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.805	94	49	Below Cal	#	4
6) Chloroethane	3.076	64	24	Below Cal	#	44
13) Acrolein	4.033	56	83	Below Cal	#	14
16) Acetone	4.291	43	412	0.260	ug/l #	1
18) Methyl Acetate	4.854	43	656	Below Cal	#	54
20) Methylene Chloride	5.101	84	3321	Below Cal	#	66
31) Cyclohexane	8.086	56	9294	1.302	ug/l #	17
36) 1,1-Dichloropropene	8.088	75	33659	4.921	ug/l #	53
38) Carbon Tetrachloride	8.088	117	47708	6.047	ug/l #	17
43) Isopropyl Acetate	8.692	43	7503	0.804	ug/l #	58
59) 2-Hexanone	11.087	43	928	0.233	ug/l #	45
71) Bromoform	12.734	173	1768	0.342	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	174477	32.129	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	174477	105.261	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.265	180	1126	2.881	ug/l #	88
95) Naphthalene	15.512	128	4961	3.705	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.705	180	1313	3.071	ug/l	74

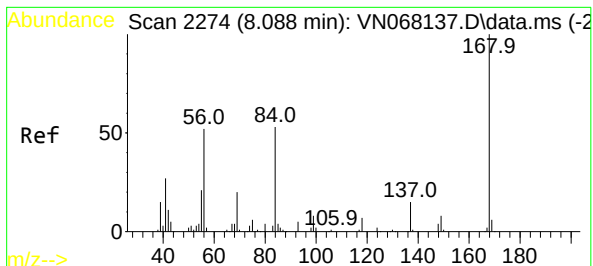
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN068294.D

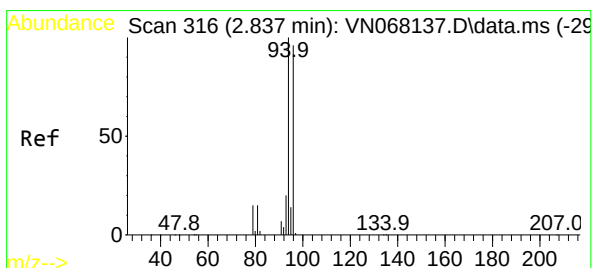
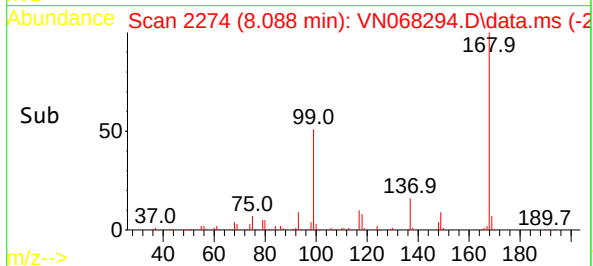
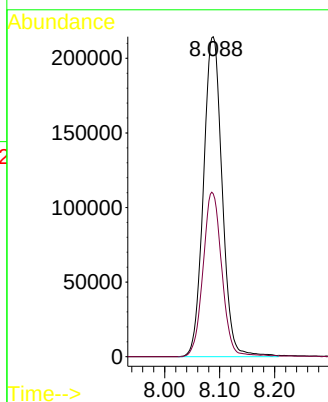
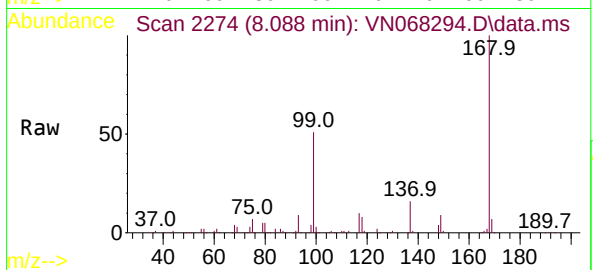
Acq: 25 Aug 2021 12:14

Tgt Ion:168 Resp: 507466

Ion Ratio Lower Upper

168 100

99 50.9 62.9 94.3#



#5

Bromomethane

Concen: Below Cal

RT: 2.805 min Scan# 304

Delta R.T. -0.032 min

Lab File: VN068294.D

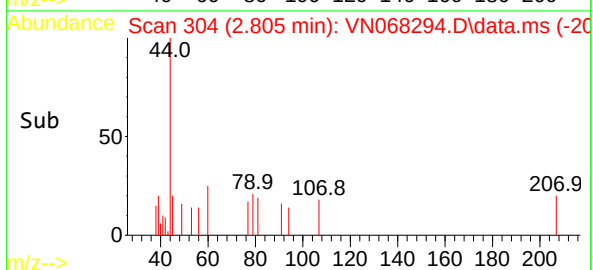
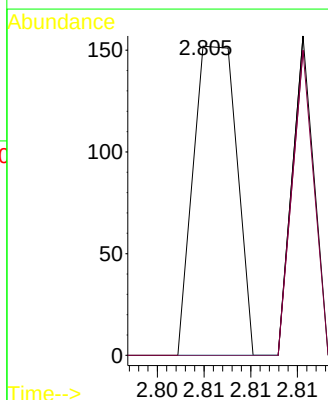
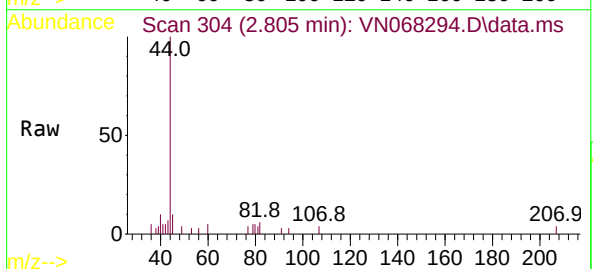
Acq: 25 Aug 2021 12:14

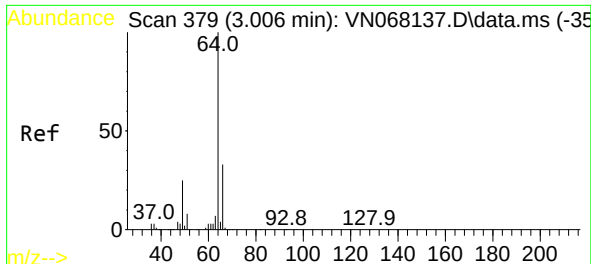
Tgt Ion: 94 Resp: 49

Ion Ratio Lower Upper

94 100

96 0.0 73.7 110.5#

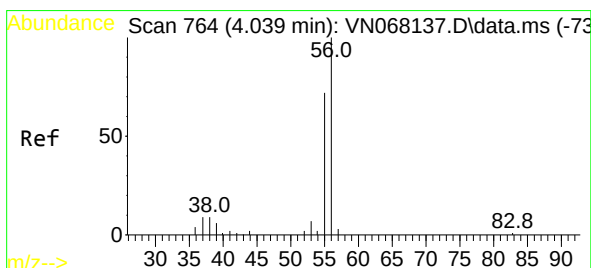
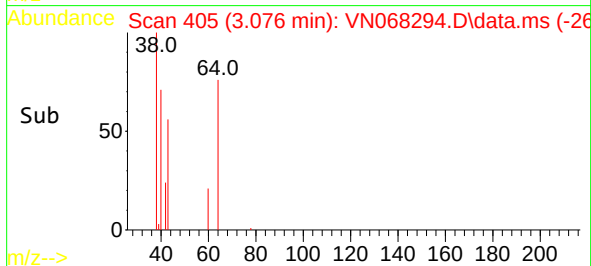
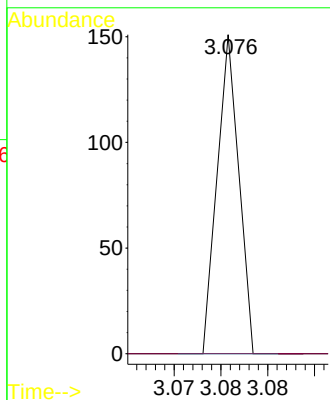
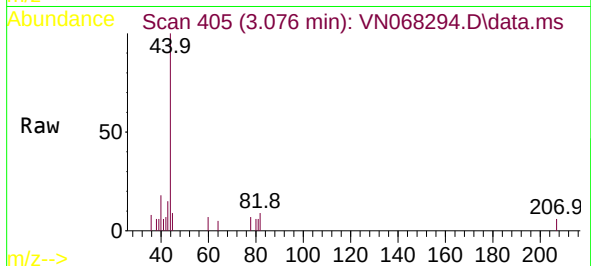




#6
Chloroethane
Concen: Below Cal
RT: 3.076 min Scan# 405
Delta R.T. 0.070 min
Lab File: VN068294.D
Acq: 25 Aug 2021 12:14

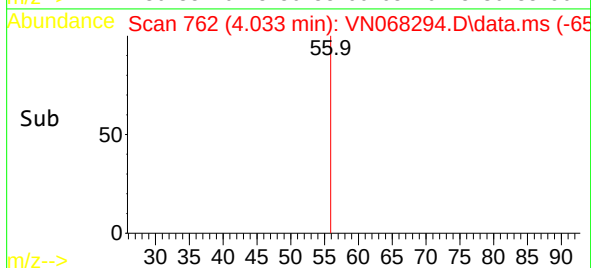
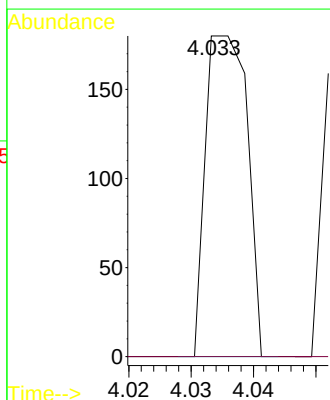
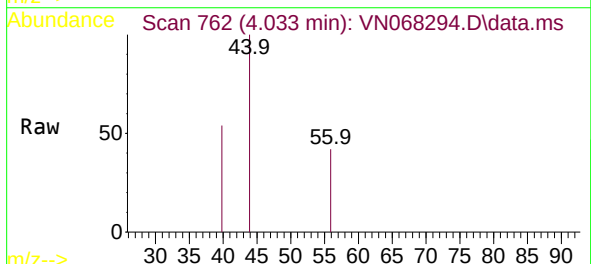
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

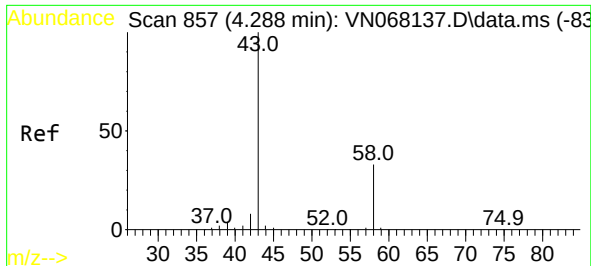
Tgt Ion: 64 Resp: 24
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.033 min Scan# 762
Delta R.T. -0.006 min
Lab File: VN068294.D
Acq: 25 Aug 2021 12:14

Tgt Ion: 56 Resp: 83
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#

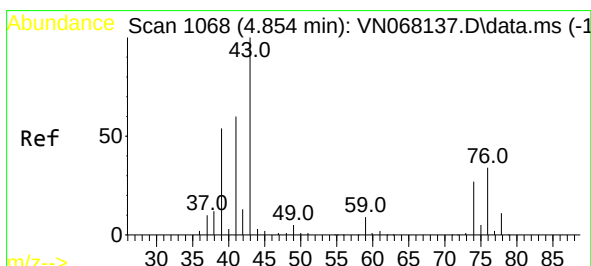
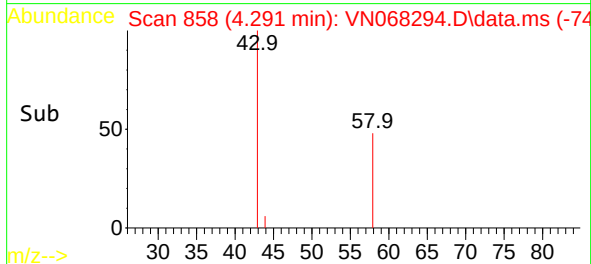
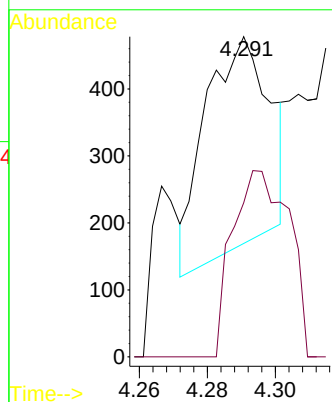
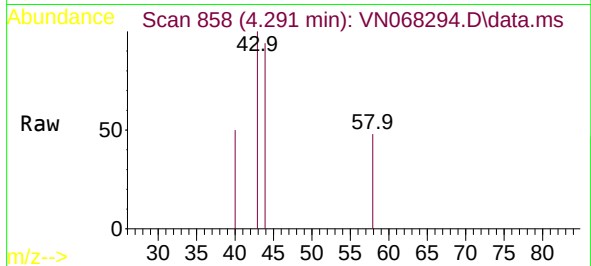




#16
Acetone
Concen: 0.260 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN068294.D
Acq: 25 Aug 2021 12:14

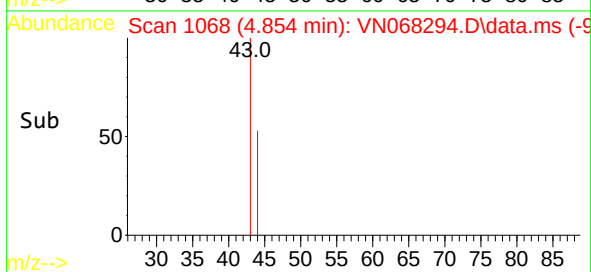
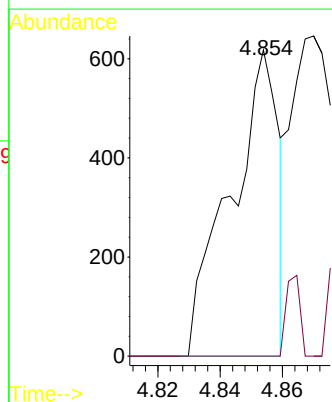
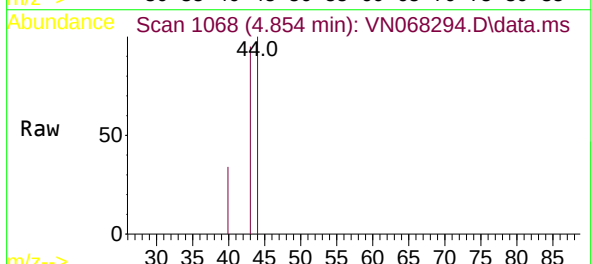
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

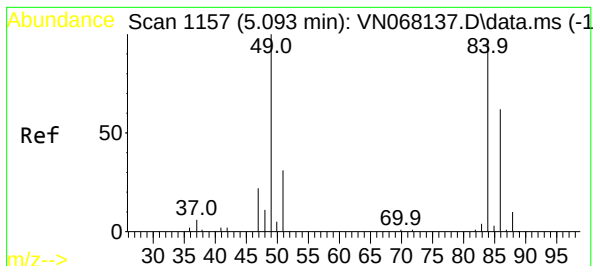
Tgt Ion: 43 Resp: 412
Ion Ratio Lower Upper
43 100
58 82.1 21.2 31.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN068294.D
Acq: 25 Aug 2021 12:14

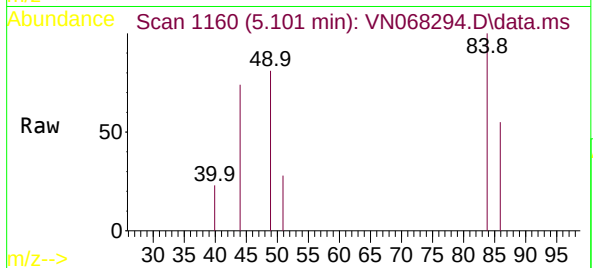
Tgt Ion: 43 Resp: 656
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#





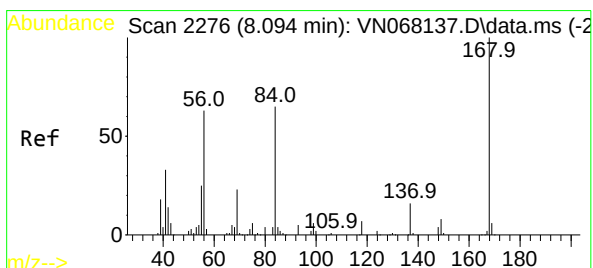
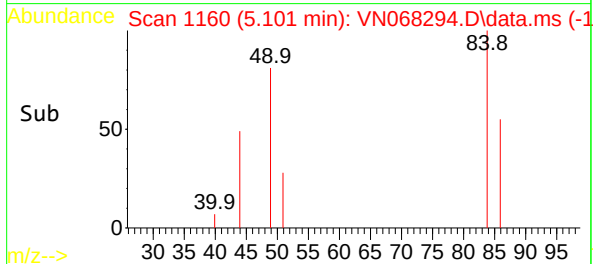
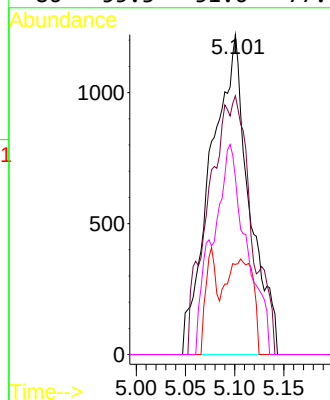
#20
Methylene Chloride
Concen: Below Cal
RT: 5.101 min Scan# 1160
Delta R.T. 0.008 min
Lab File: VN068294.D
Acq: 25 Aug 2021 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01



Tgt Ion: 84 Resp: 3321

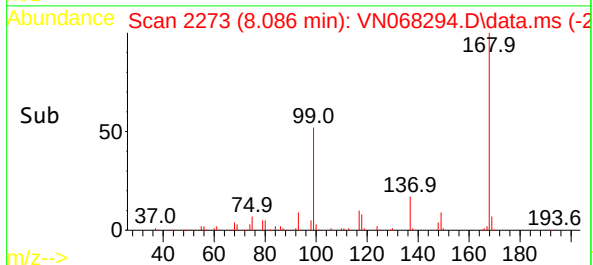
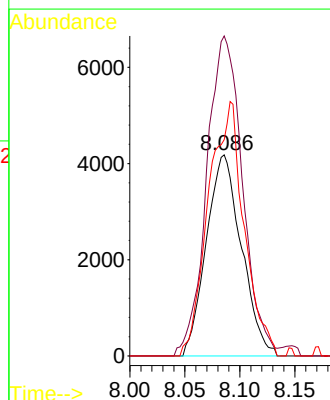
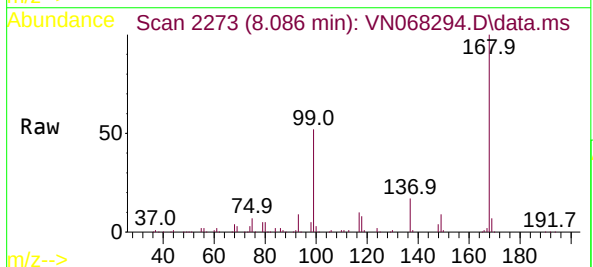
Ion	Ratio	Lower	Upper
84	100		
49	80.9	110.9	166.3#
51	28.2	32.6	49.0#
86	55.3	51.6	77.4

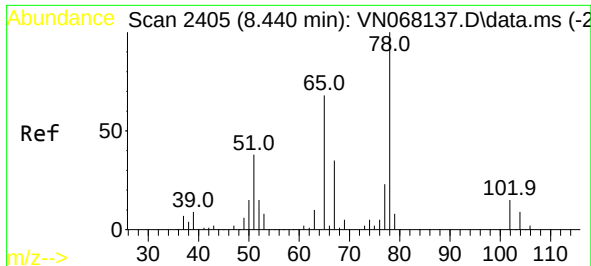


#31
Cyclohexane
Concen: 1.302 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN068294.D
Acq: 25 Aug 2021 12:14

Tgt Ion: 56 Resp: 9294

Ion	Ratio	Lower	Upper
56	100		
69	155.0	27.3	40.9#
84	107.6	64.9	97.3#

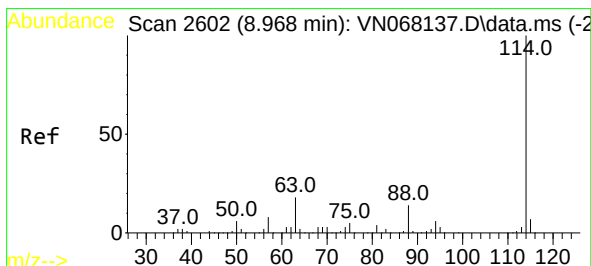
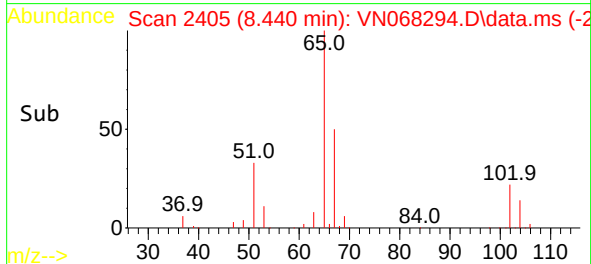
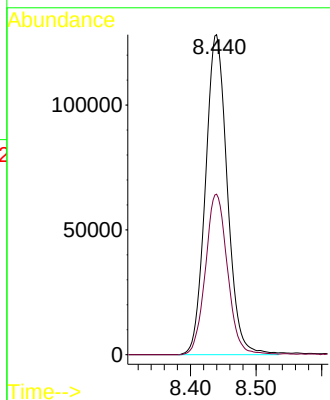
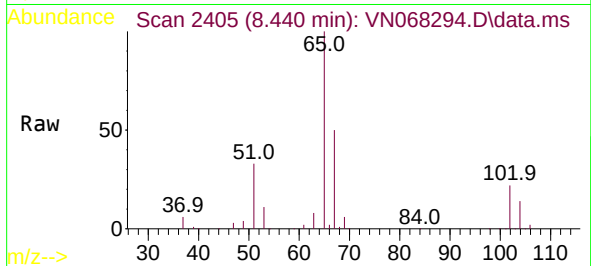




#33
 1,2-Dichloroethane-d4
 Concen: 54.621 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN068294.D
 Acq: 25 Aug 2021 12:14

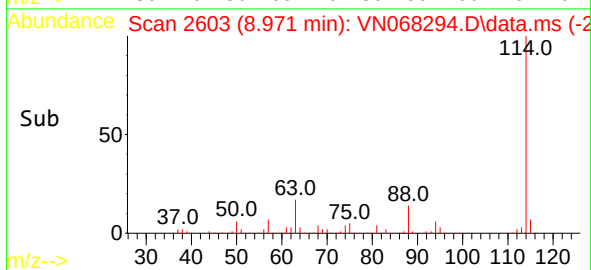
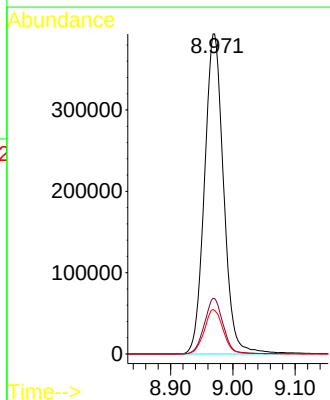
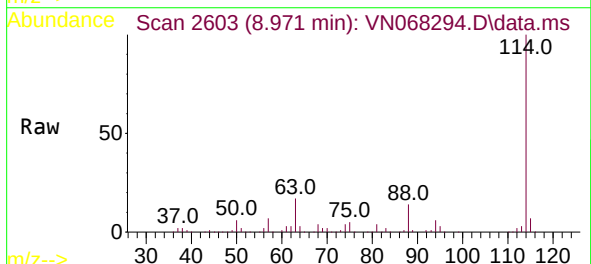
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBL01

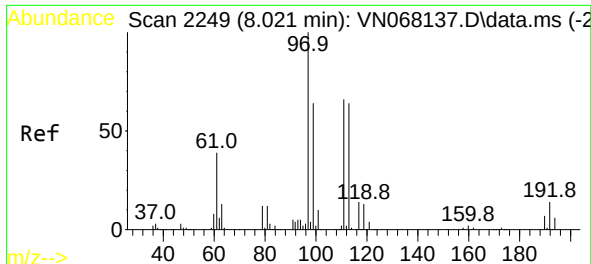
Tgt Ion: 65 Resp: 295954
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN068294.D
 Acq: 25 Aug 2021 12:14

Tgt Ion: 114 Resp: 836744
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 49.0
 88 13.6 0.0 36.6

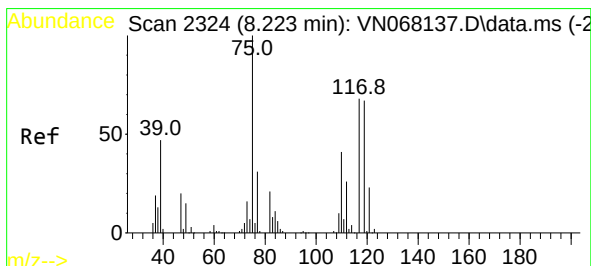
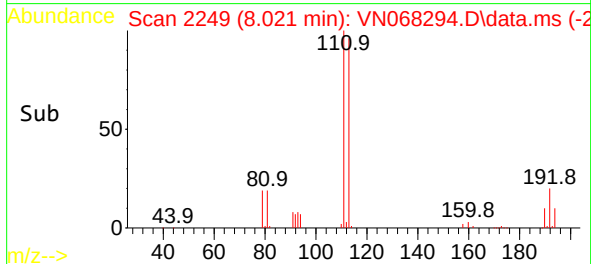
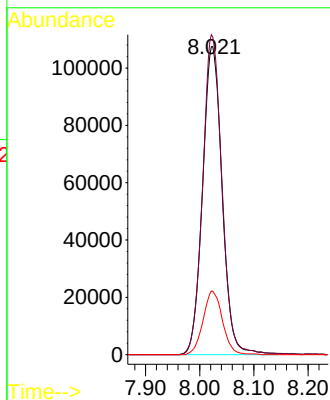
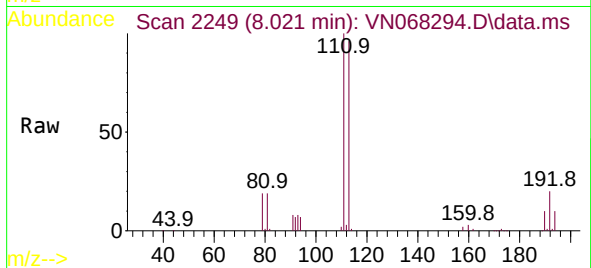




#35
Dibromofluoromethane
Concen: 51.363 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN068294.D
Acq: 25 Aug 2021 12:14

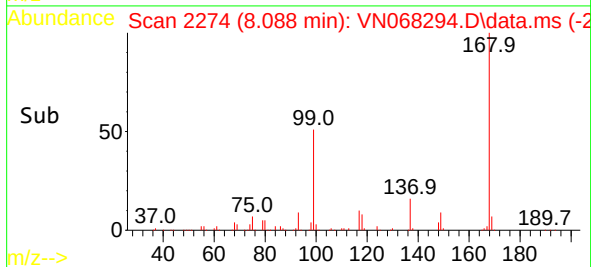
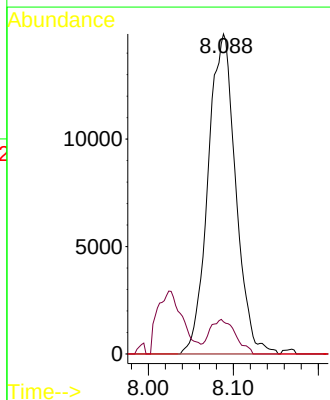
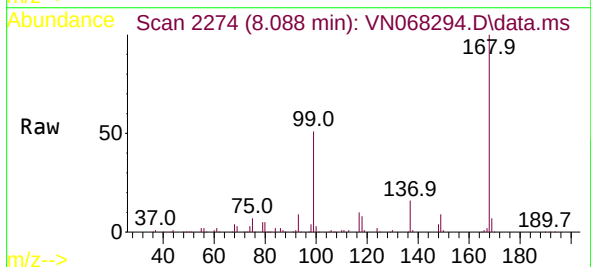
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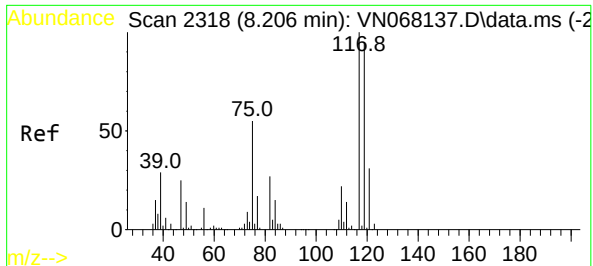
Tgt Ion:113 Resp: 269827
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.8
192 20.4 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 4.921 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068294.D
Acq: 25 Aug 2021 12:14

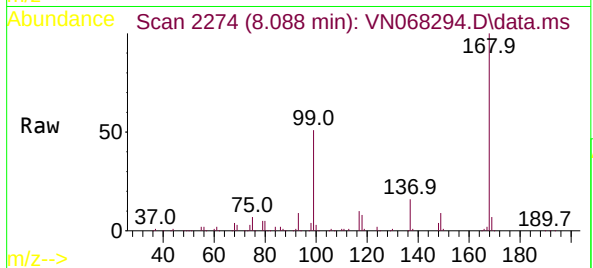
Tgt Ion: 75 Resp: 33659
Ion Ratio Lower Upper
75 100
110 10.2 15.7 47.0#
77 0.0 24.6 37.0#



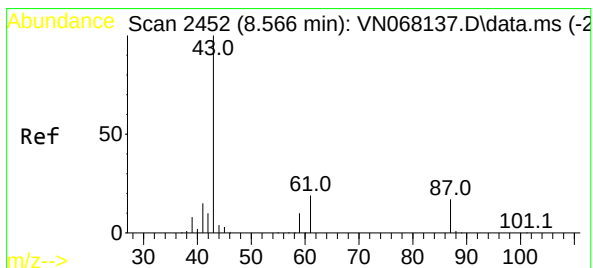
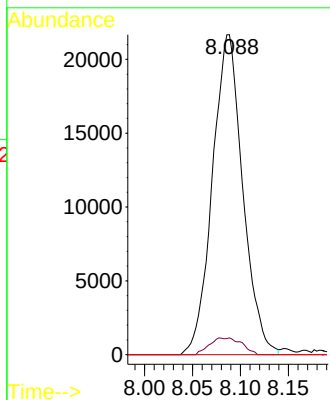
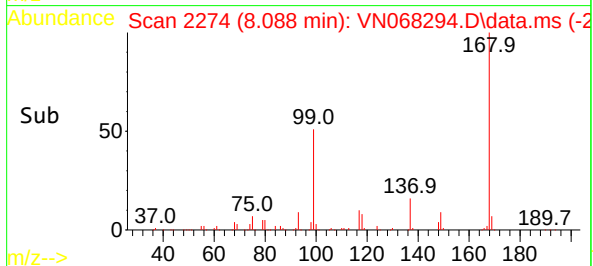


#38
Carbon Tetrachloride
Concen: 6.047 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN068294.D
Acq: 25 Aug 2021 12:14

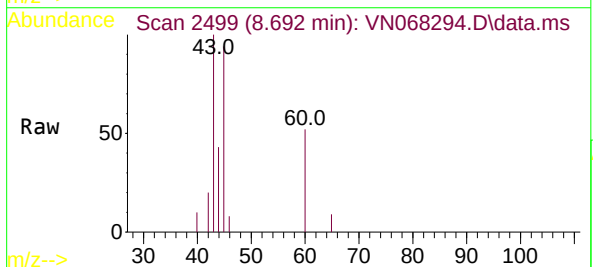
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01



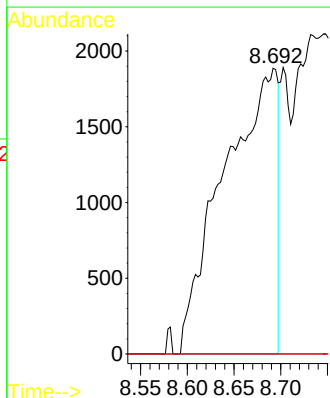
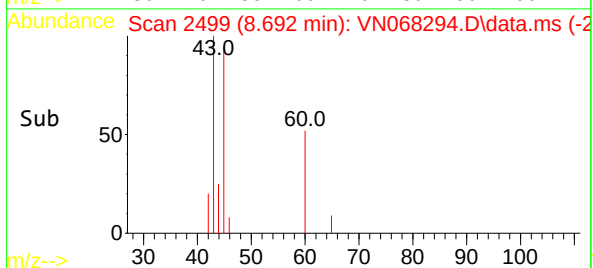
Tgt Ion:117 Resp: 47708
Ion Ratio Lower Upper
117 100
119 5.2 75.4 113.2#
121 0.0 23.5 35.3#

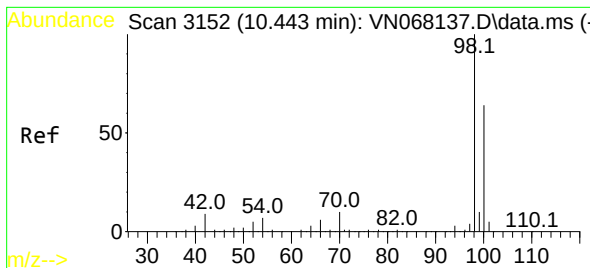


#43
Isopropyl Acetate
Concen: 0.804 ug/l
RT: 8.692 min Scan# 2499
Delta R.T. 0.126 min
Lab File: VN068294.D
Acq: 25 Aug 2021 12:14



Tgt Ion: 43 Resp: 7503
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

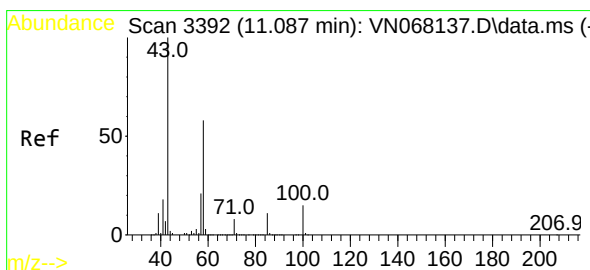
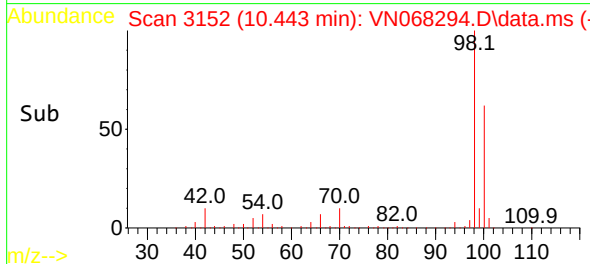
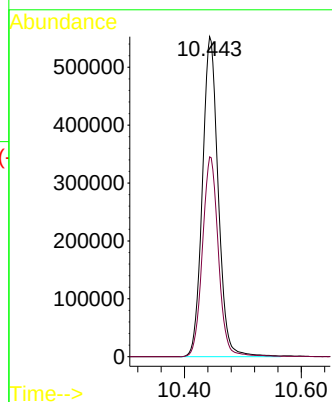
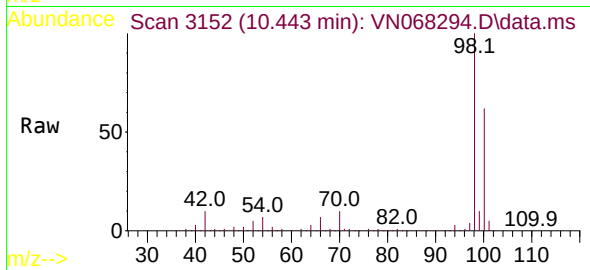




#50
Toluene-d8
Concen: 51.930 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068294.D
Acq: 25 Aug 2021 12:14

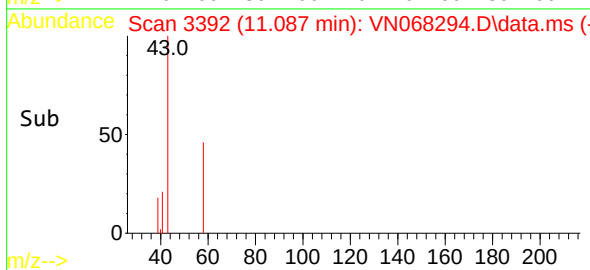
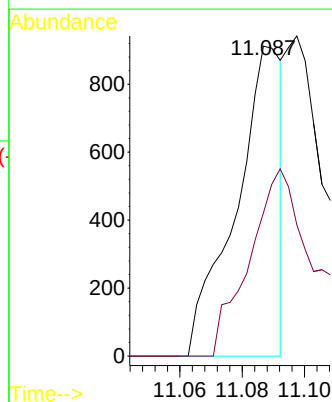
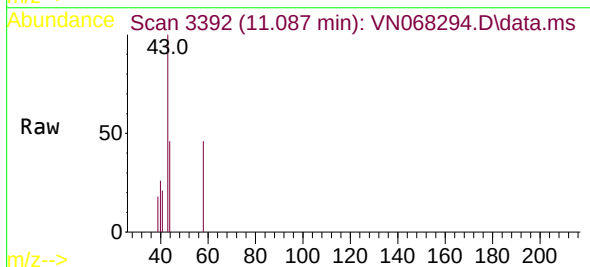
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

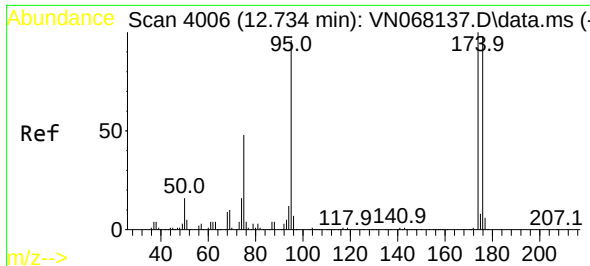
Tgt Ion: 98 Resp: 1039487
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5



#59
2-Hexanone
Concen: 0.233 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN068294.D
Acq: 25 Aug 2021 12:14

Tgt Ion: 43 Resp: 928
Ion Ratio Lower Upper
43 100
58 86.7 24.7 74.1#

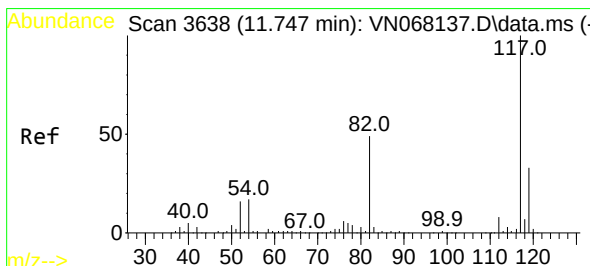
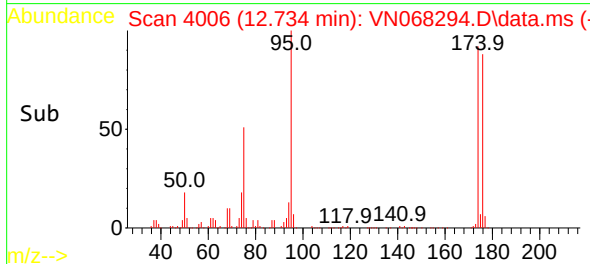
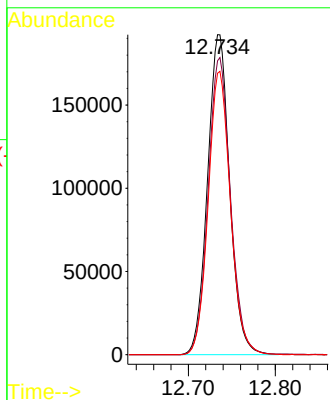
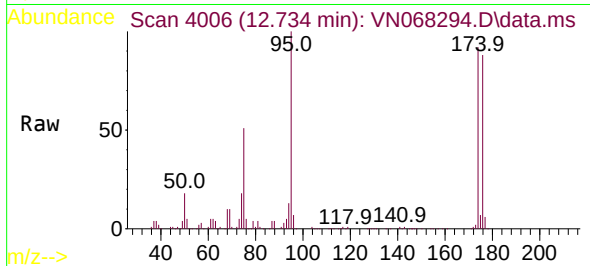




#62
4-Bromofluorobenzene
Concen: 51.043 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068294.D
Acq: 25 Aug 2021 12:14

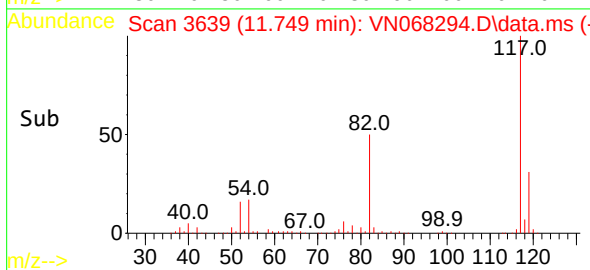
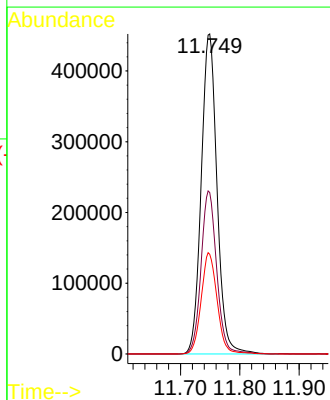
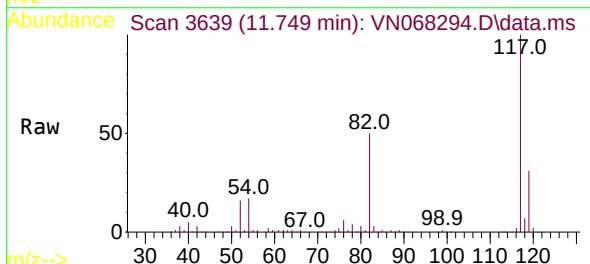
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

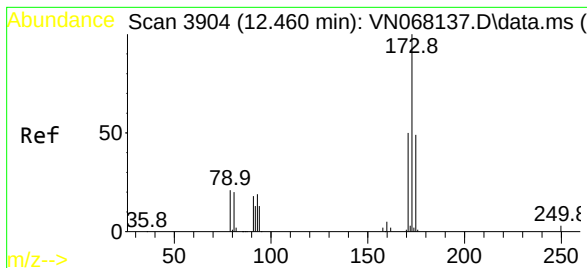
Tgt Ion: 95 Resp: 340130
Ion Ratio Lower Upper
95 100
174 94.0 0.0 122.0
176 88.9 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068294.D
Acq: 25 Aug 2021 12:14

Tgt Ion: 117 Resp: 835602
Ion Ratio Lower Upper
117 100
82 50.5 53.1 79.7#
119 31.2 25.5 38.3

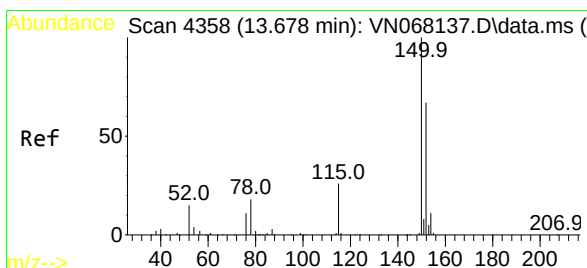
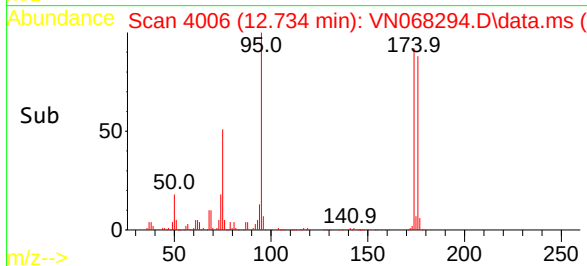
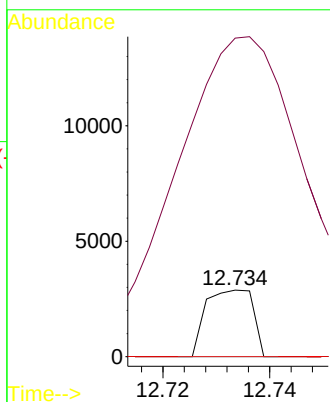
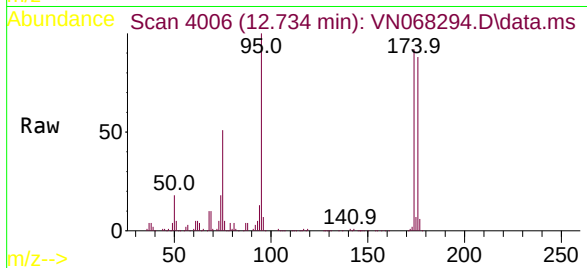




#71
Bromoform
Concen: 0.342 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.274 min
Lab File: VN068294.D
Acq: 25 Aug 2021 12:14

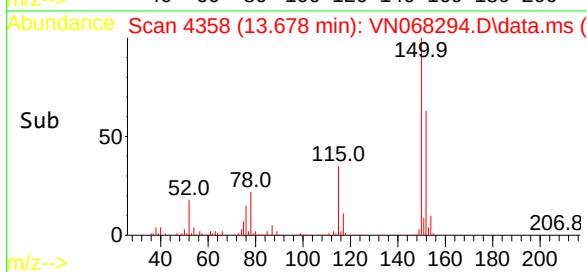
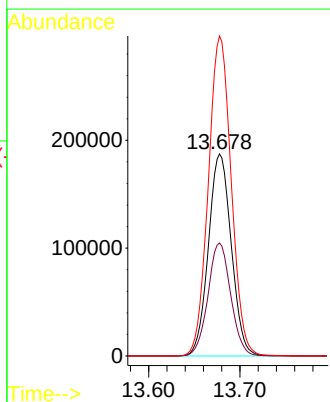
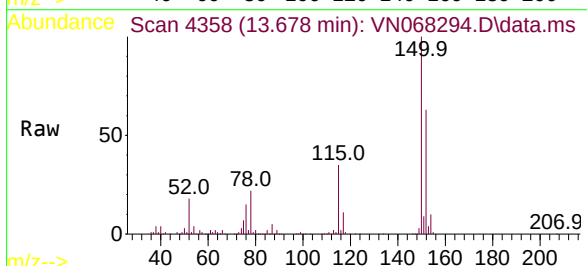
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

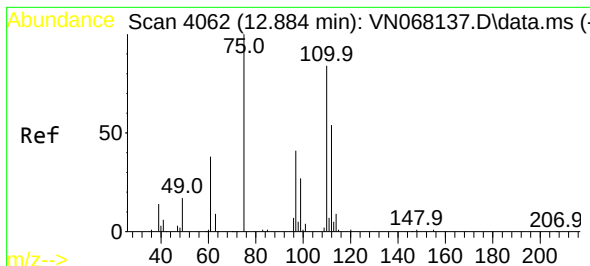
Tgt Ion:173 Resp: 1768
Ion Ratio Lower Upper
173 100
175 1262.3 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068294.D
Acq: 25 Aug 2021 12:14

Tgt Ion:152 Resp: 326722
Ion Ratio Lower Upper
152 100
115 55.6 36.1 108.5
150 158.6 0.0 351.8

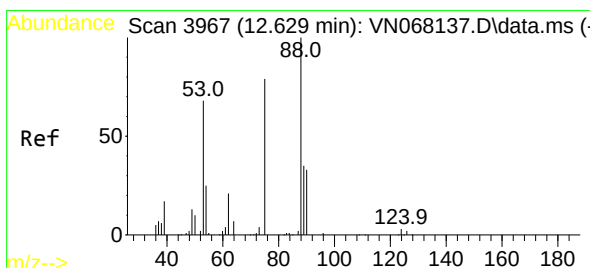
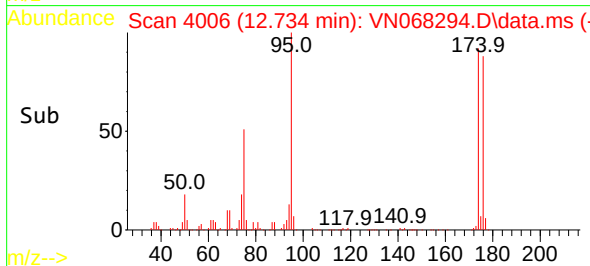
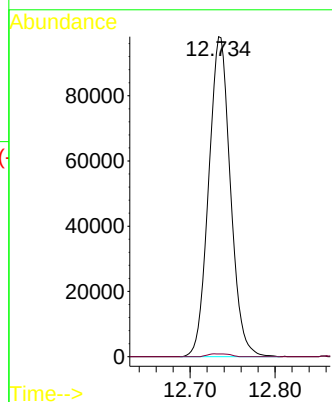
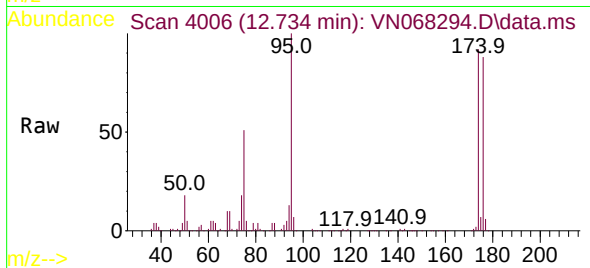




#76
1,2,3-Trichloropropane
Concen: 32.129 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN068294.D
Acq: 25 Aug 2021 12:14

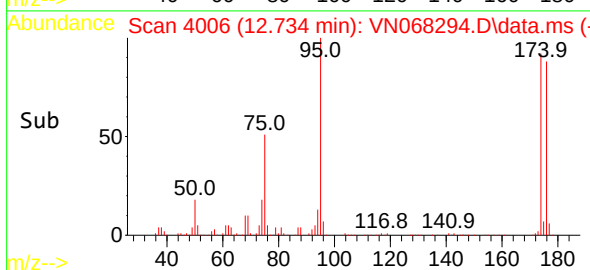
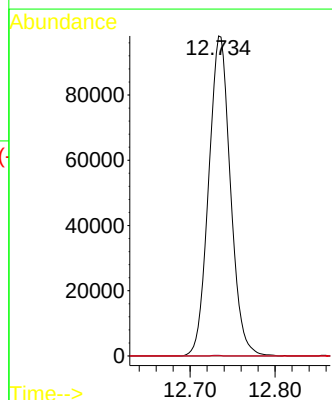
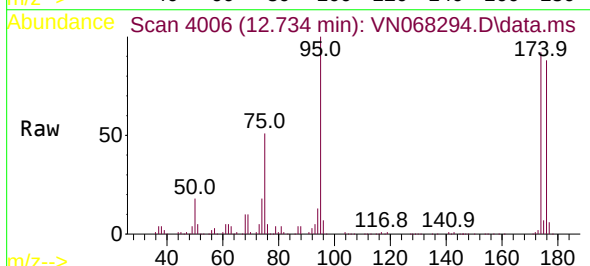
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

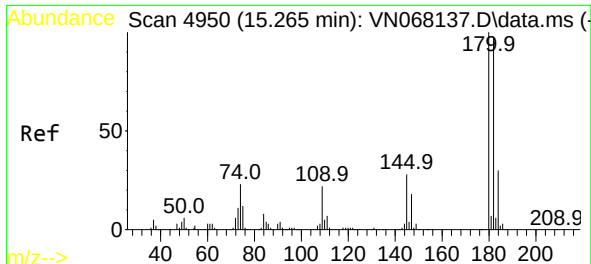
Tgt Ion: 75 Resp: 174477
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.261 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN068294.D
Acq: 25 Aug 2021 12:14

Tgt Ion: 75 Resp: 174477
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#

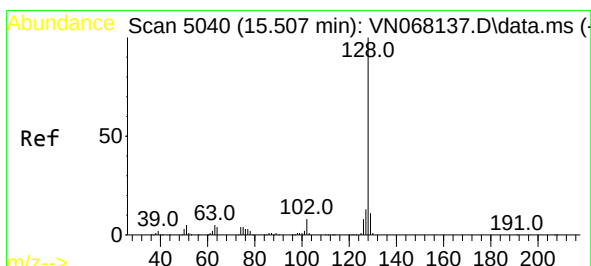
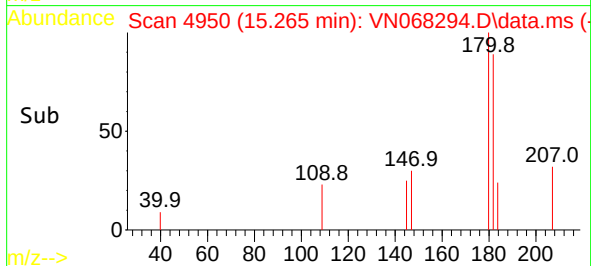
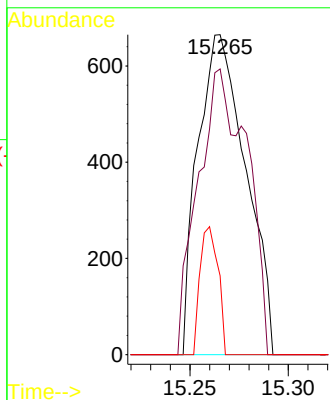
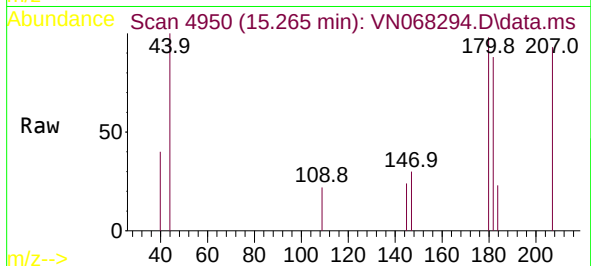




#93
1,2,4-Trichlorobenzene
Concen: 2.881 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068294.D
Acq: 25 Aug 2021 12:14

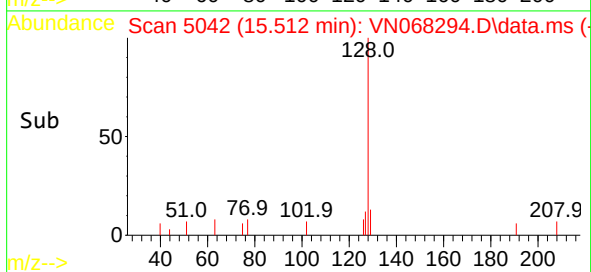
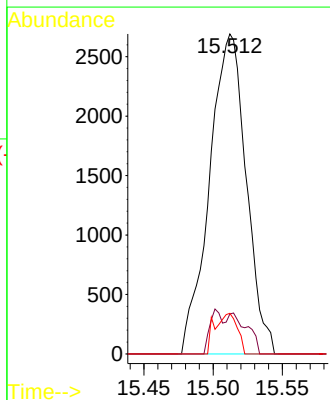
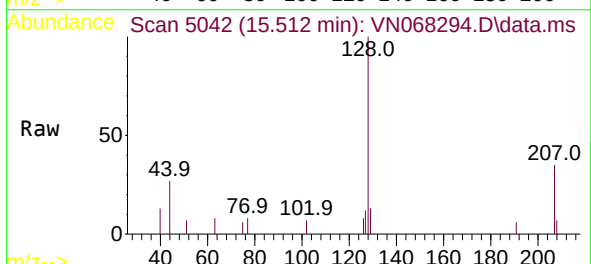
Instrument :
MSVOA_N
ClientSampled :
VN0825WBL01

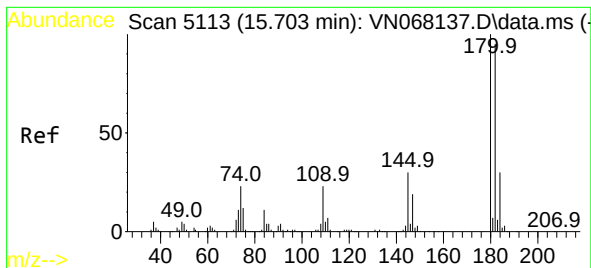
Tgt Ion:180 Resp: 1126
Ion Ratio Lower Upper
180 100
182 91.3 47.5 142.5
145 15.0 17.2 51.6#



#95
Naphthalene
Concen: 3.705 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN068294.D
Acq: 25 Aug 2021 12:14

Tgt Ion:128 Resp: 4961
Ion Ratio Lower Upper
128 100
127 6.5 10.6 15.8#
129 7.8 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.071 ug/l
 RT: 15.705 min Scan# 5114
 Delta R.T. 0.002 min
 Lab File: VN068294.D
 Acq: 25 Aug 2021 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBL01

Tgt Ion:180 Resp: 1313
 Ion Ratio Lower Upper
 180 100
 182 70.7 47.8 143.3
 145 19.4 18.2 54.6

