

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082421\
 Data File : VN068287.D
 Acq On : 24 Aug 2021 15:10
 Operator : JC/MD
 Sample : M3524-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK-8-23-21

Quant Time: Aug 25 03:11:02 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)

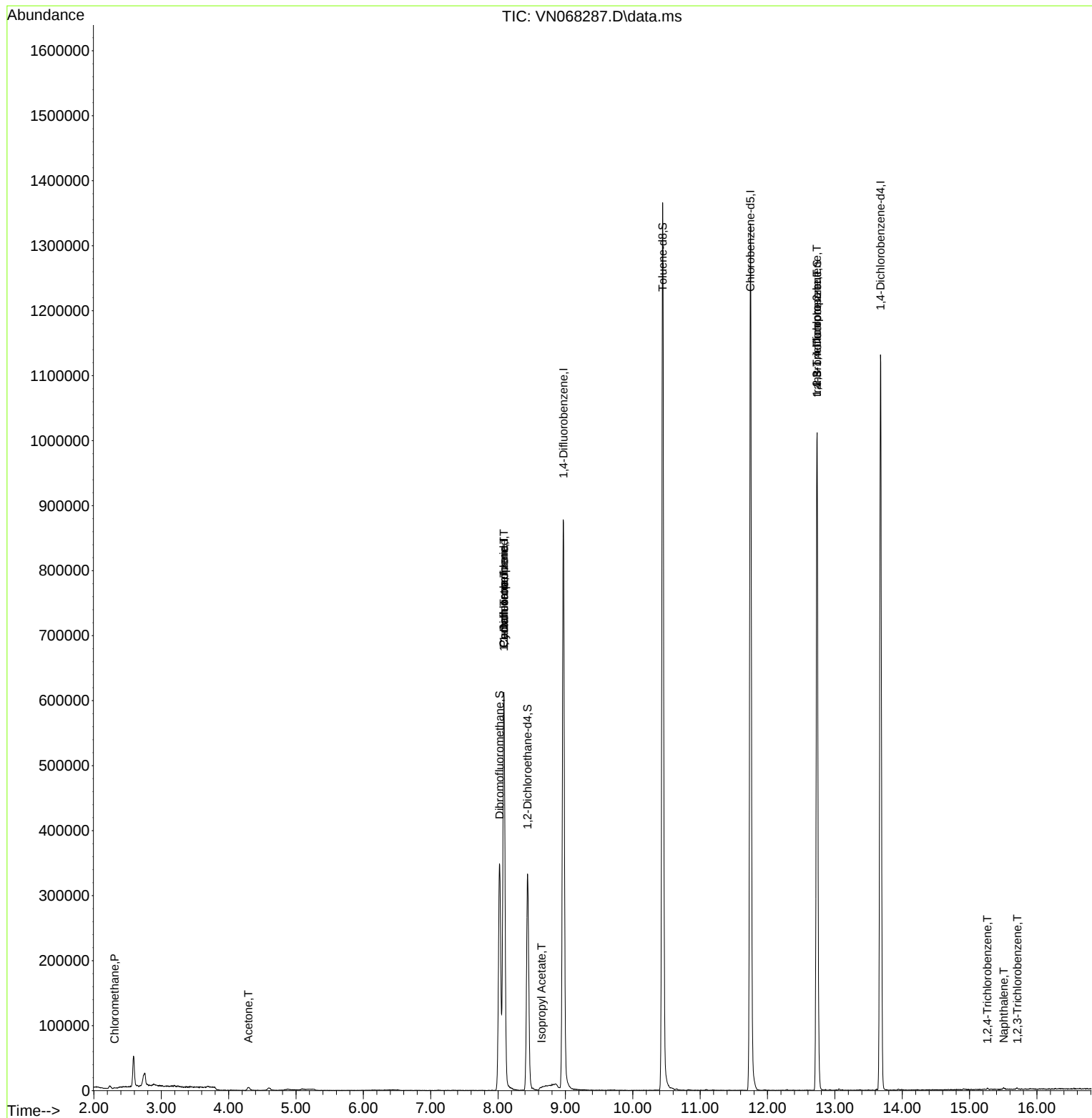
Internal Standards						
1) Pentafluorobenzene	8.085	168	511319	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	852962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	855323	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	345676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	284493	52.110	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 104.220%		
35) Dibromofluoromethane	8.021	113	257702	48.123	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 96.240%		
50) Toluene-d8	10.443	98	1010438	49.519	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 99.040%		
62) 4-Bromofluorobenzene	12.736	95	339459	49.974	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 99.940%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.306	50	1002	0.219	ug/l	# 43
5) Bromomethane	2.797	94	161	Below Cal	#	4
6) Chloroethane	2.751	64	132	Below Cal	#	44
13) Acrolein	4.036	56	96	Below Cal	#	1
16) Acetone	4.293	43	5011	3.144	ug/l	# 81
18) Methyl Acetate	4.872	43	1767	Below Cal	#	86
20) Methylene Chloride	5.090	84	1197	Below Cal	#	68
31) Cyclohexane	8.085	56	8996	1.251	ug/l	# 1
36) 1,1-Dichloropropene	8.088	75	32869	4.714	ug/l	# 53
38) Carbon Tetrachloride	8.085	117	47765	5.939	ug/l	# 17
43) Isopropyl Acetate	8.646	43	3292	0.346	ug/l	# 58
76) 1,2,3-Trichloropropane	12.733	75	171980	29.933	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.733	75	171980	98.066	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.265	180	669	2.795	ug/l	# 70
95) Naphthalene	15.507	128	1870	3.473	ug/l	# 95
96) 1,2,3-Trichlorobenzene	15.710	180	960	2.997	ug/l	# 66

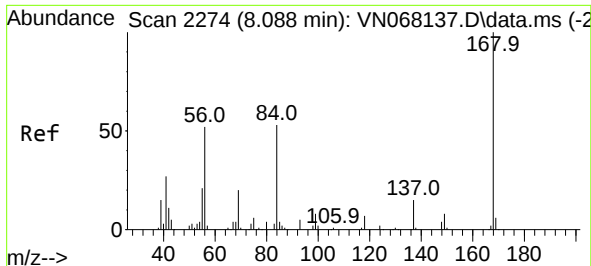
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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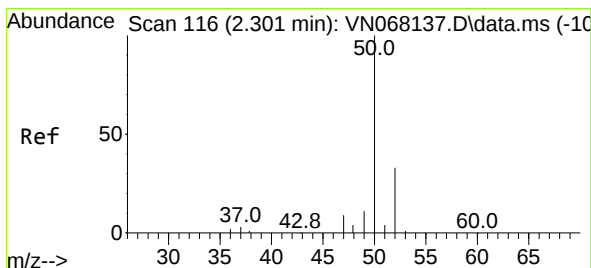
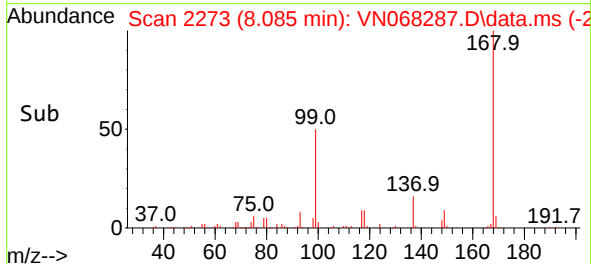
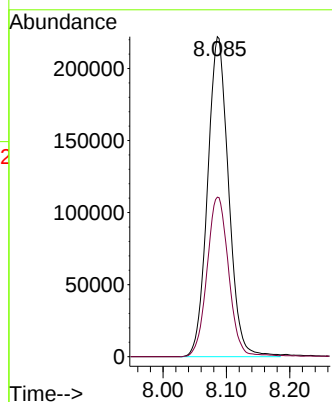
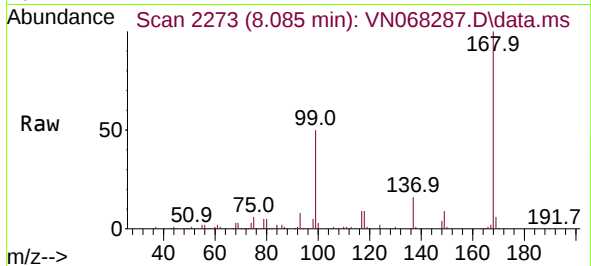




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.003 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

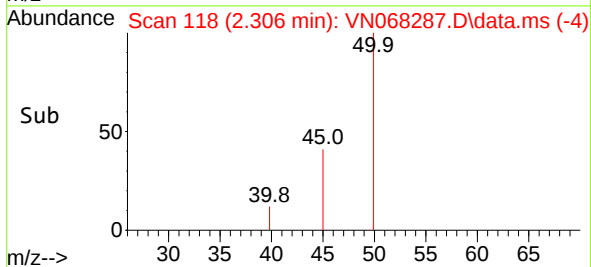
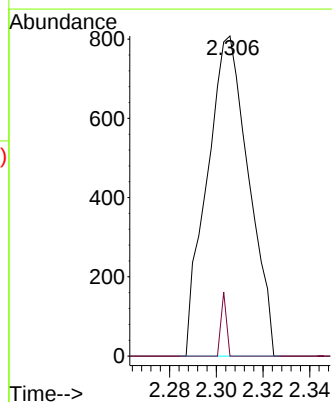
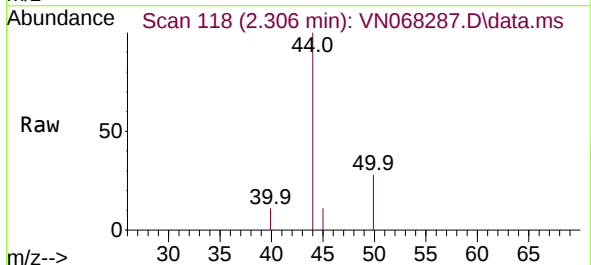
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-8-23-21

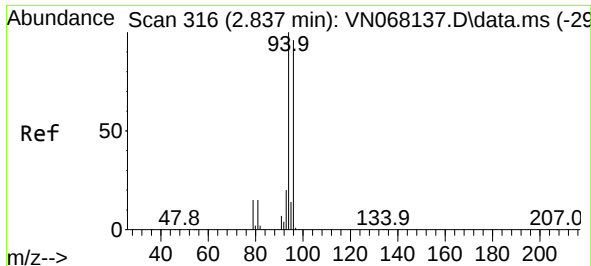
Tgt Ion:168 Resp: 511319
Ion Ratio Lower Upper
168 100
99 49.9 62.9 94.3#



#3
Chloromethane
Concen: 0.219 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.005 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

Tgt Ion: 50 Resp: 1002
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

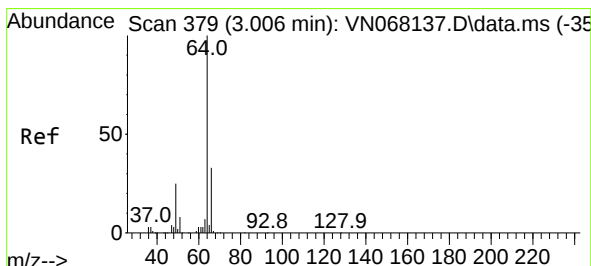
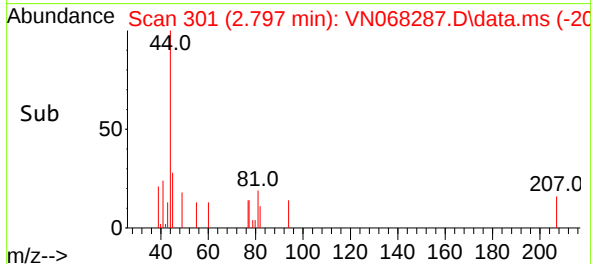
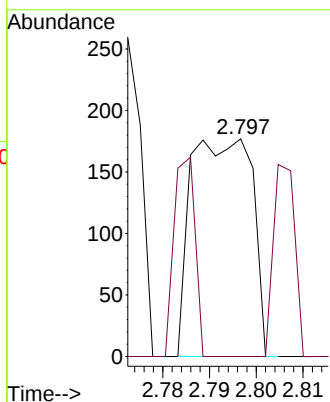
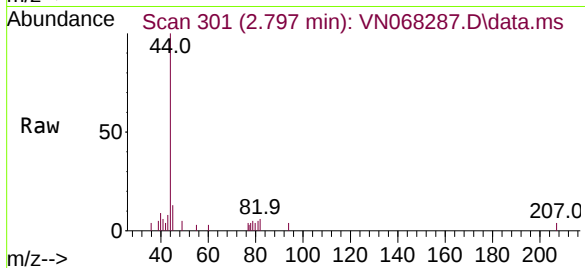




#5
Bromomethane
Concen: Below Cal
RT: 2.797 min Scan# 301
Delta R.T. -0.040 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

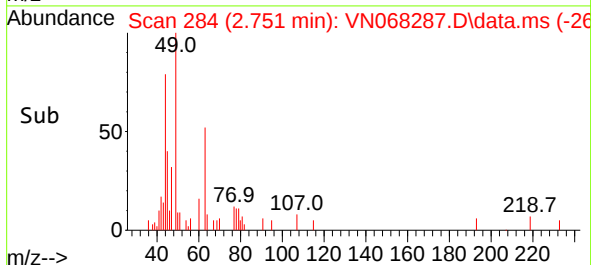
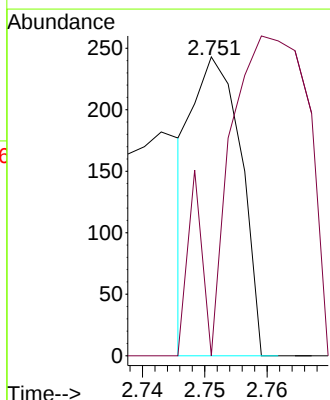
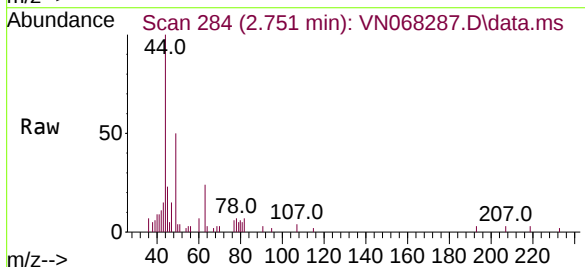
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-8-23-21

Tgt Ion: 94 Resp: 161
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 2.751 min Scan# 284
Delta R.T. -0.255 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

Tgt Ion: 64 Resp: 132
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

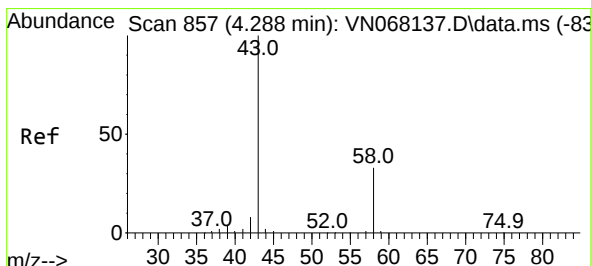
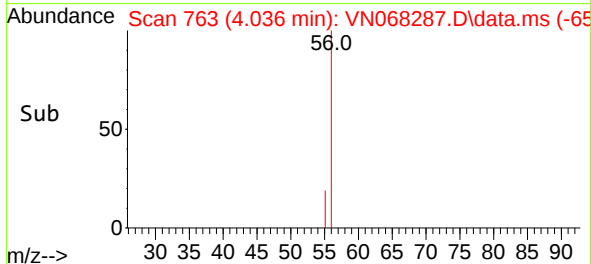
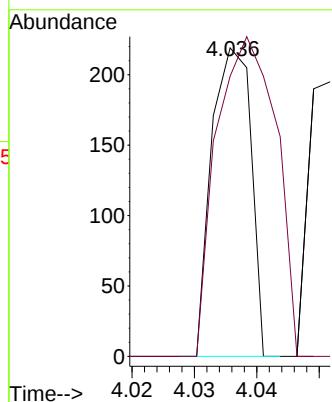
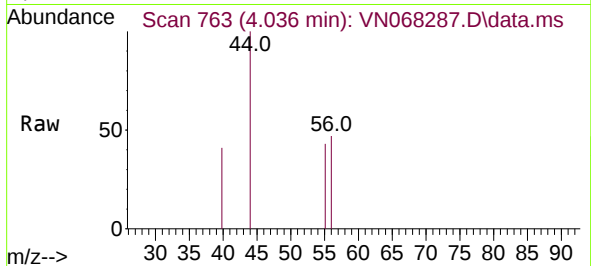




#13
Acrolein
Concen: Below Cal
RT: 4.036 min Scan# 763
Delta R.T. -0.003 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

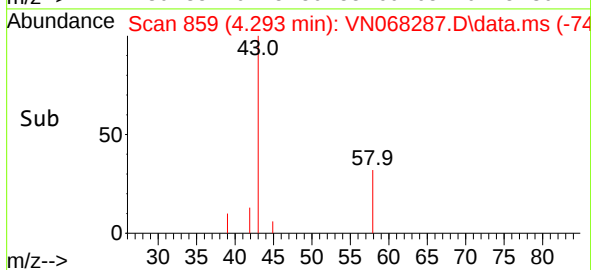
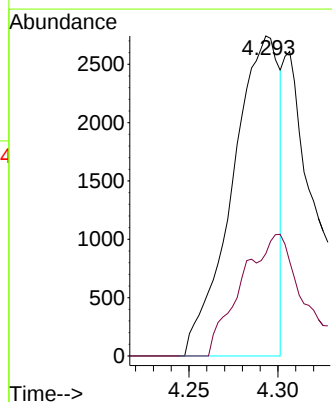
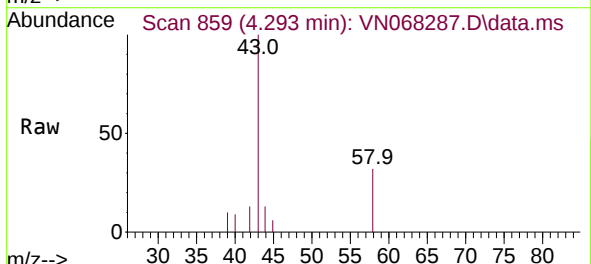
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-8-23-21

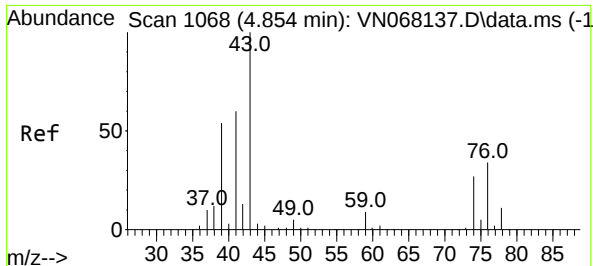
Tgt Ion: 56 Resp: 96
Ion Ratio Lower Upper
56 100
55 156.3 57.4 86.0#



#16
Acetone
Concen: 3.144 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

Tgt Ion: 43 Resp: 5011
Ion Ratio Lower Upper
43 100
58 36.2 21.2 31.8#

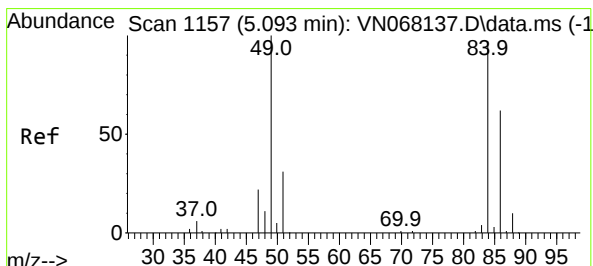
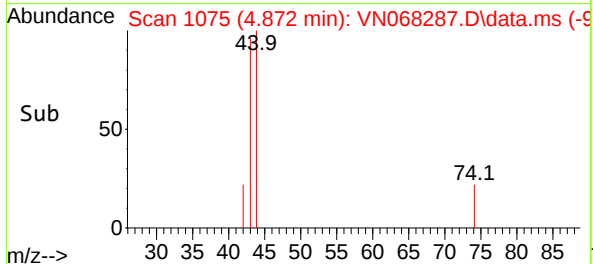
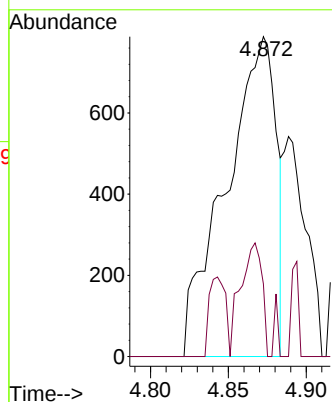
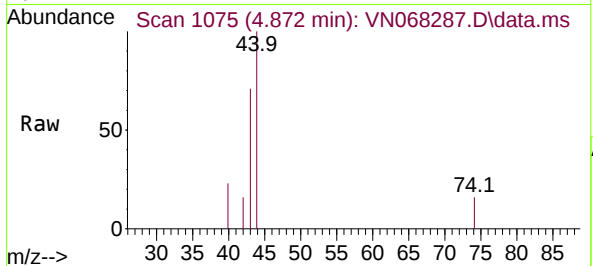




#18
Methyl Acetate
Concen: Below Cal
RT: 4.872 min Scan# 1075
Delta R.T. 0.018 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

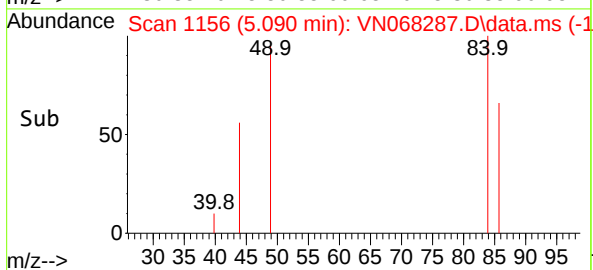
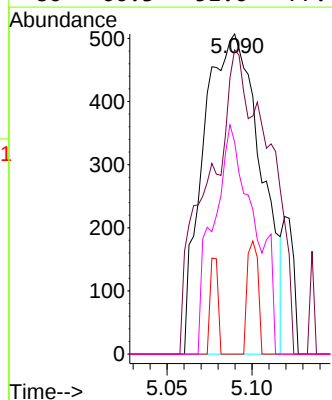
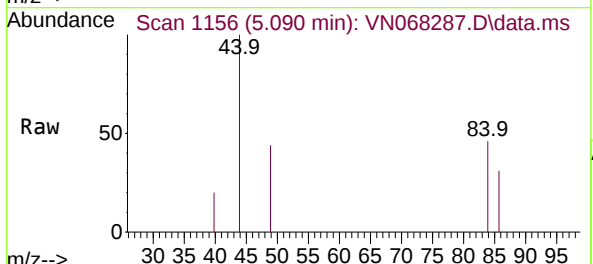
Instrument :
MSVOA_N
ClientSampleId :
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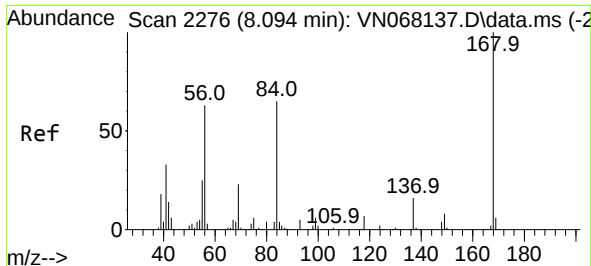
Tgt Ion: 43 Resp: 1767
Ion Ratio Lower Upper
43 100
74 15.2 17.4 26.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.090 min Scan# 1156
Delta R.T. -0.003 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

Tgt Ion: 84 Resp: 1197
Ion Ratio Lower Upper
84 100
49 95.1 110.9 166.3#
51 0.0 32.6 49.0#
86 66.3 51.6 77.4

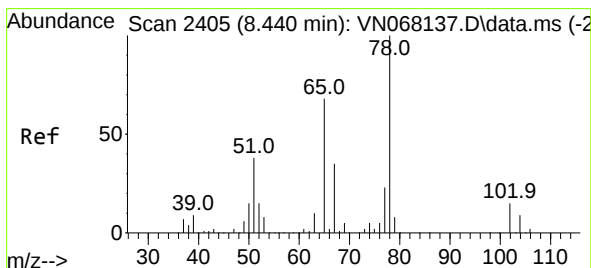
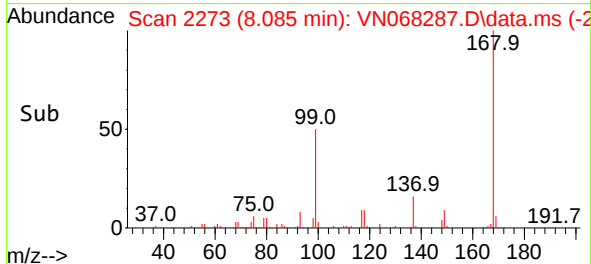
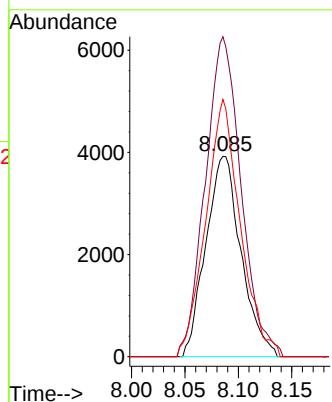
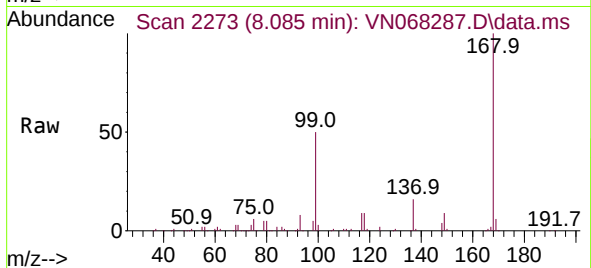




#31
Cyclohexane
Concen: 1.251 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.009 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

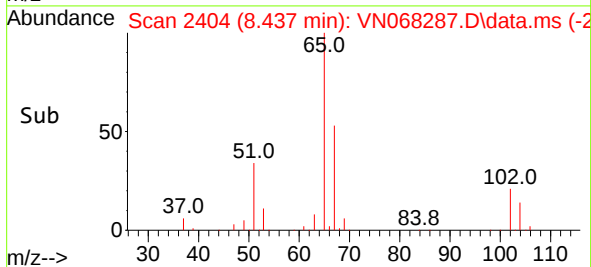
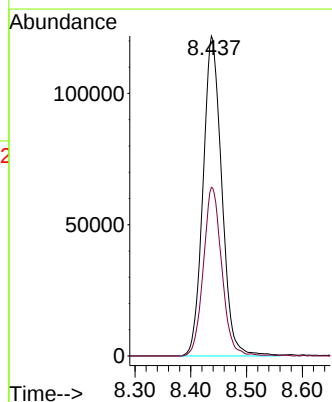
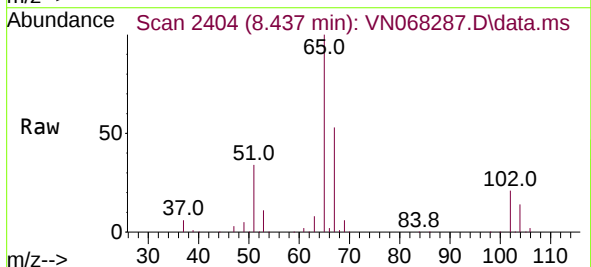
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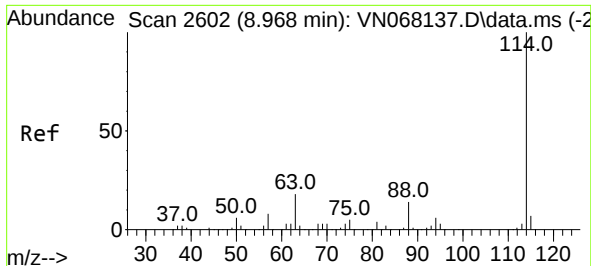
Tgt Ion:	56	Resp:	8996
Ion	Ratio	Lower	Upper
56	100		
69	155.9	27.3	40.9#
84	128.4	64.9	97.3#



#33
1,2-Dichloroethane-d4
Concen: 52.110 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

Tgt Ion:	65	Resp:	284493
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	98.6

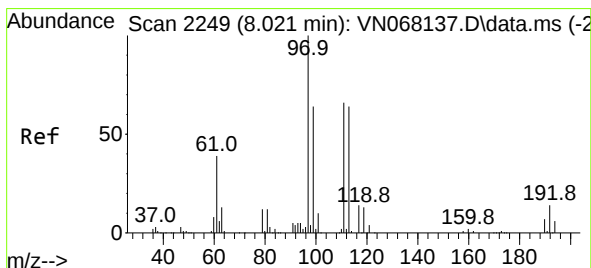
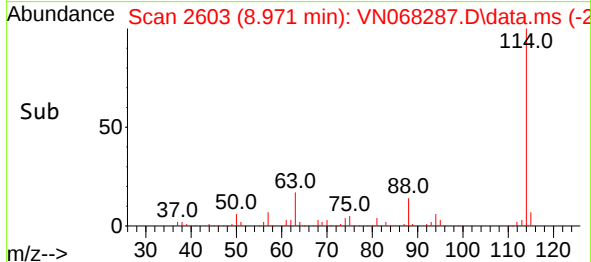
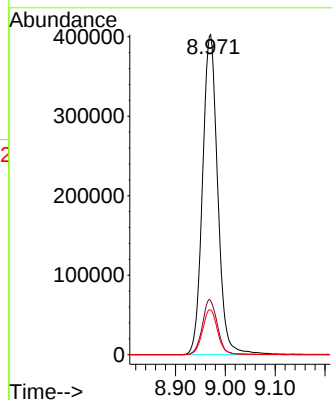
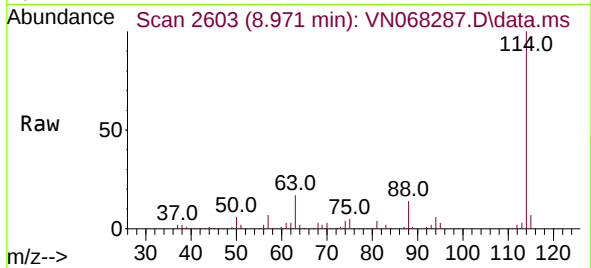




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

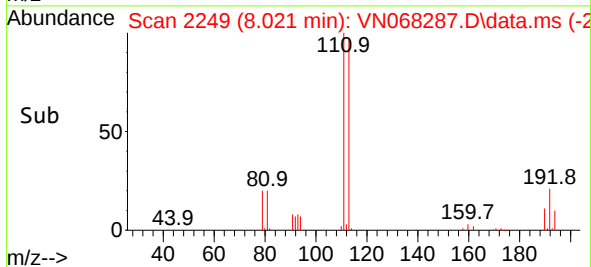
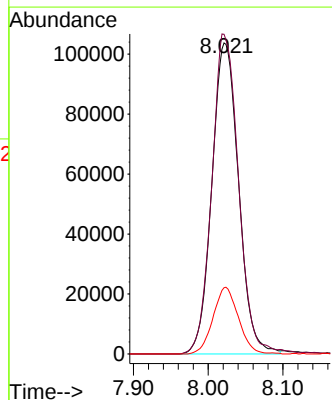
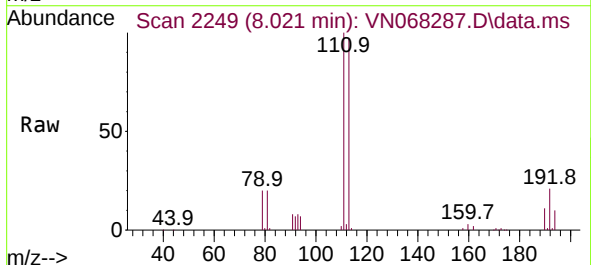
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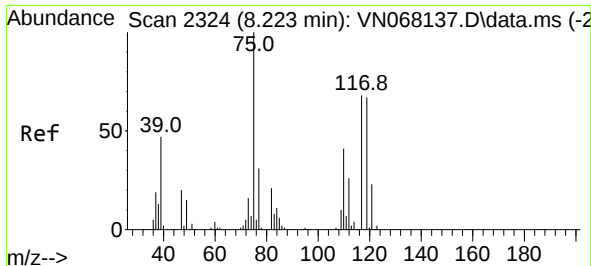
Tgt Ion:114 Resp: 852962
Ion Ratio Lower Upper
114 100
63 16.9 0.0 49.0
88 14.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.123 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

Tgt Ion:113 Resp: 257702
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.8
192 20.3 13.4 20.0#

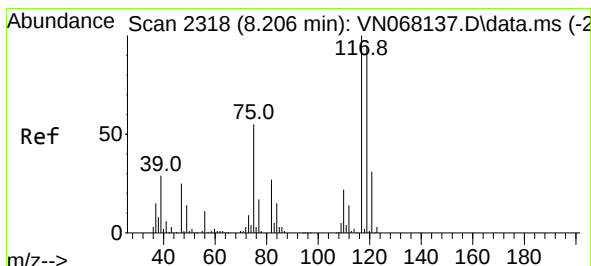
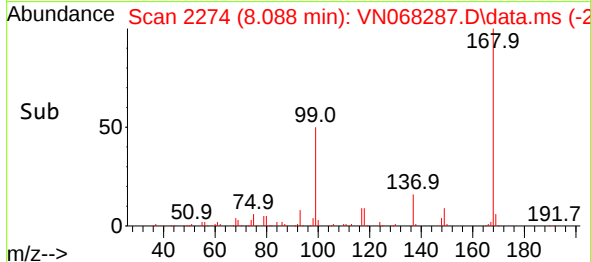
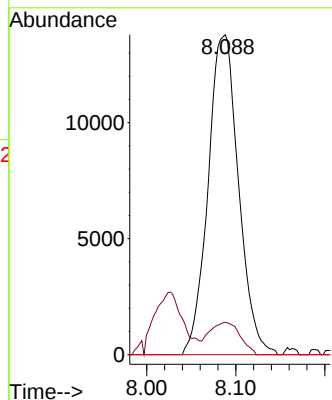
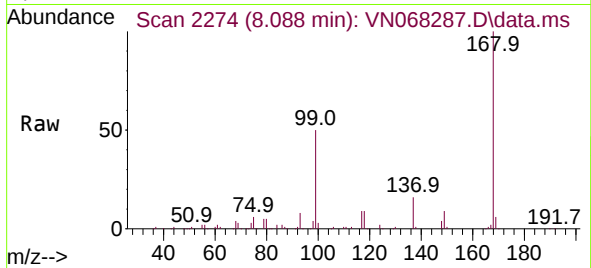




#36
1,1-Dichloropropene
Concen: 4.714 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

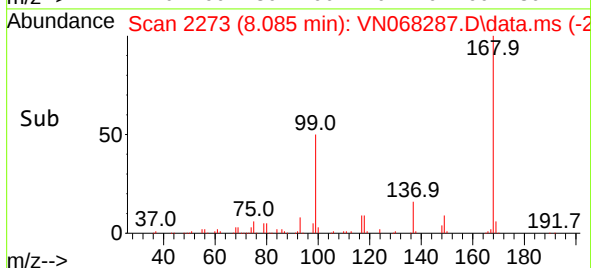
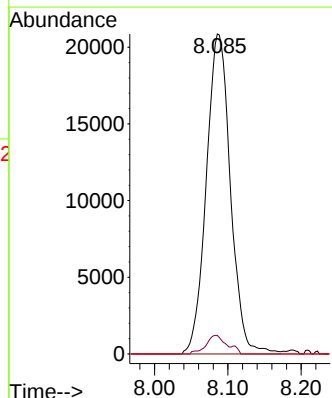
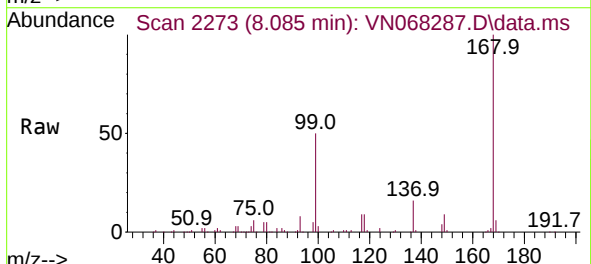
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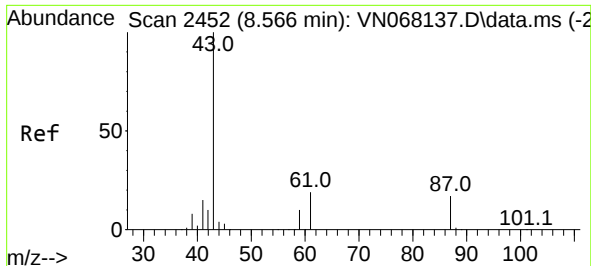
Tgt Ion: 75 Resp: 32869
Ion Ratio Lower Upper
75 100
110 10.2 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.939 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.121 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

Tgt Ion: 117 Resp: 47765
Ion Ratio Lower Upper
117 100
119 5.8 75.4 113.2#
121 0.0 23.5 35.3#

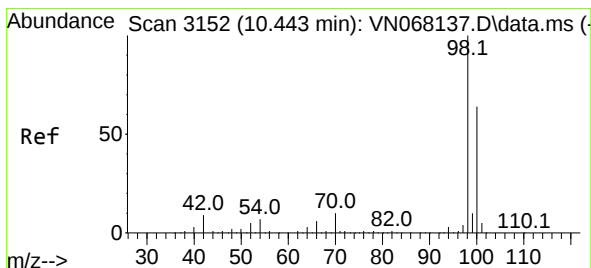
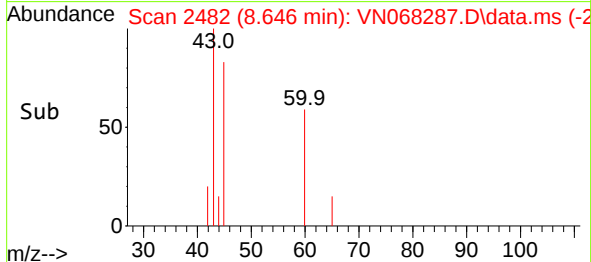
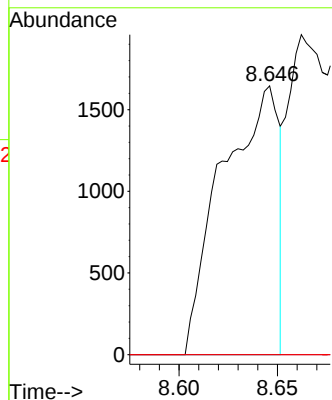
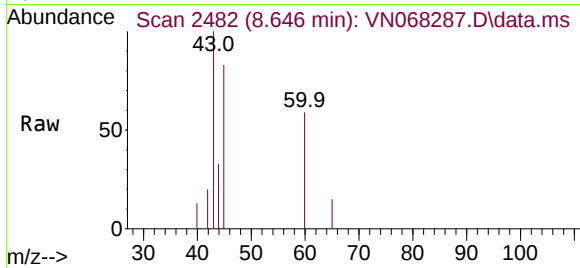




#43
Isopropyl Acetate
Concen: 0.346 ug/l
RT: 8.646 min Scan# 2482
Delta R.T. 0.080 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

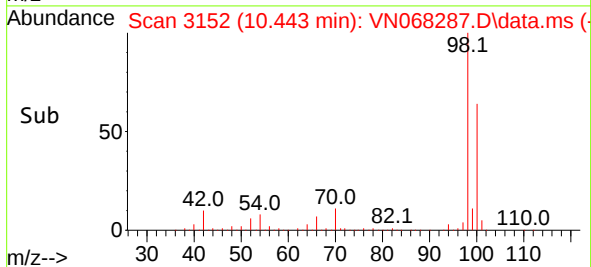
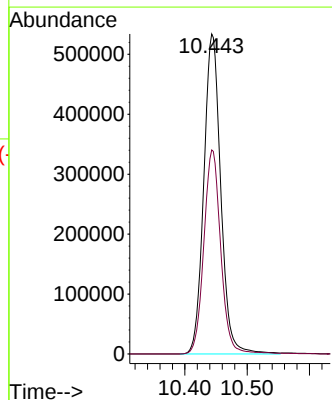
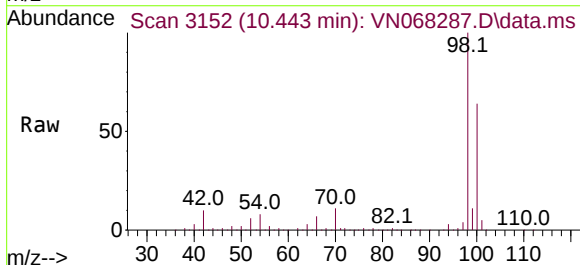
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-8-23-21

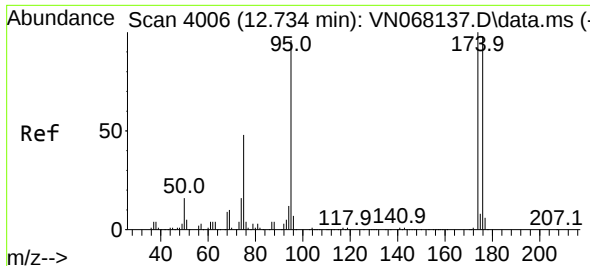
Tgt Ion: 43 Resp: 3292
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#



#50
Toluene-d8
Concen: 49.519 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

Tgt Ion: 98 Resp: 1010438
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5

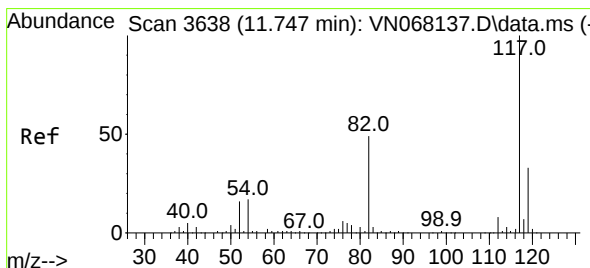
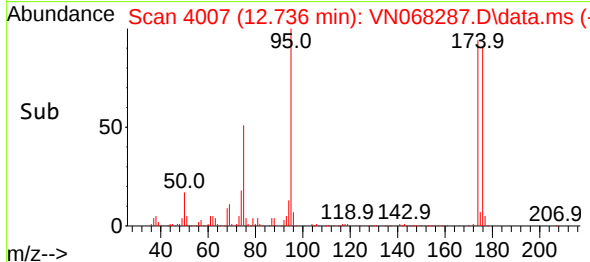
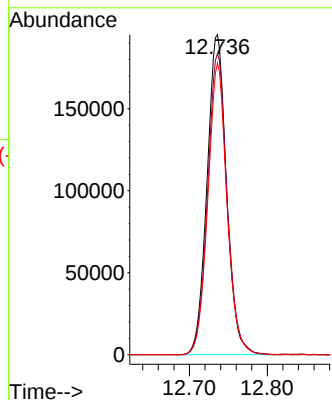
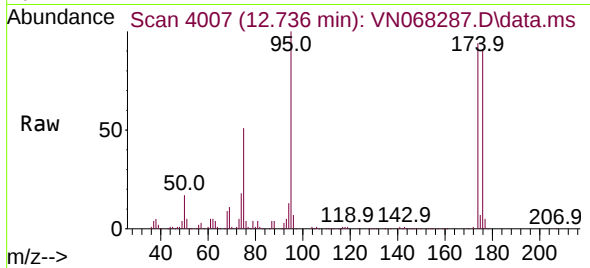




#62
4-Bromofluorobenzene
Concen: 49.974 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

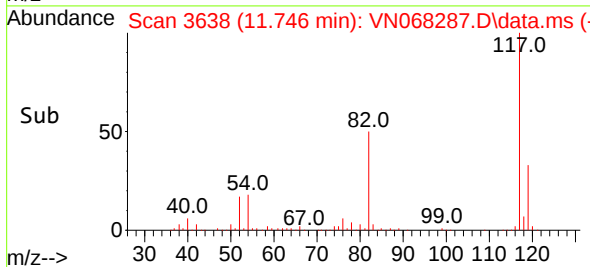
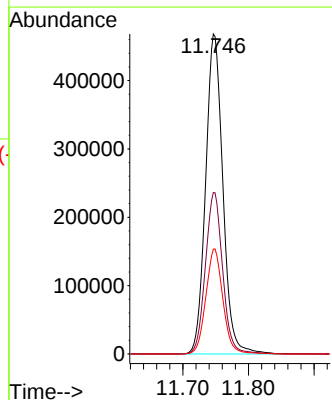
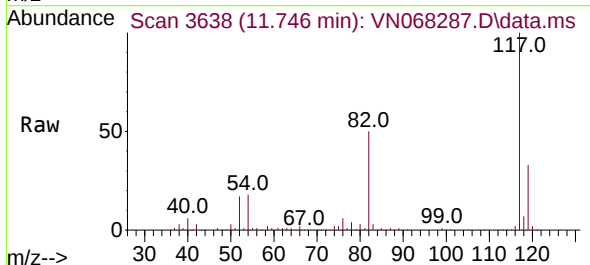
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-8-23-21

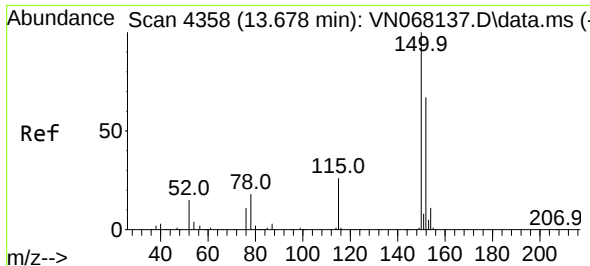
Tgt Ion: 95 Resp: 339459
Ion Ratio Lower Upper
95 100
174 94.7 0.0 122.0
176 89.4 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

Tgt Ion: 117 Resp: 855323
Ion Ratio Lower Upper
117 100
82 50.4 53.1 79.7#
119 32.8 25.5 38.3

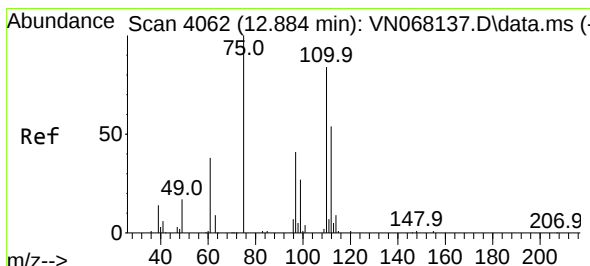
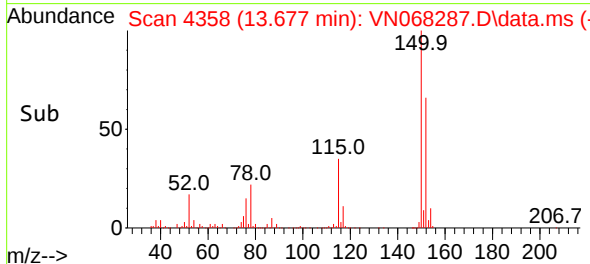
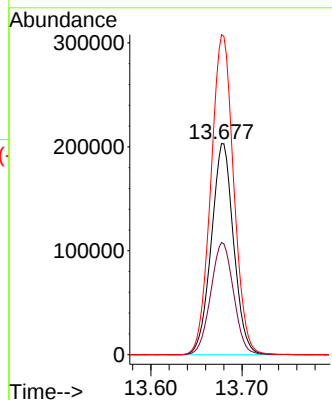
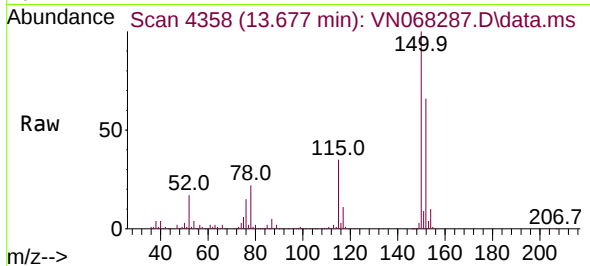




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

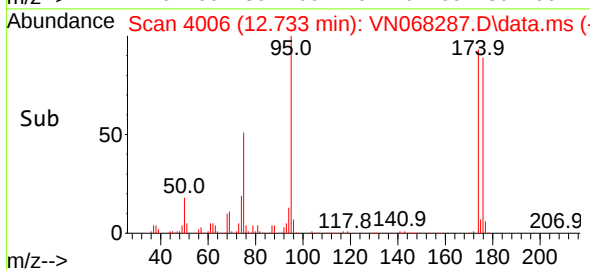
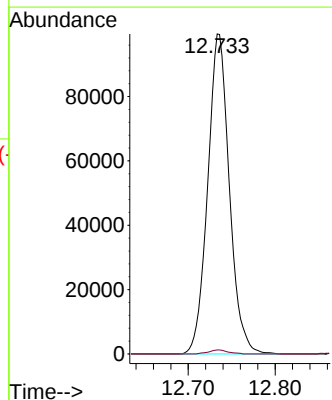
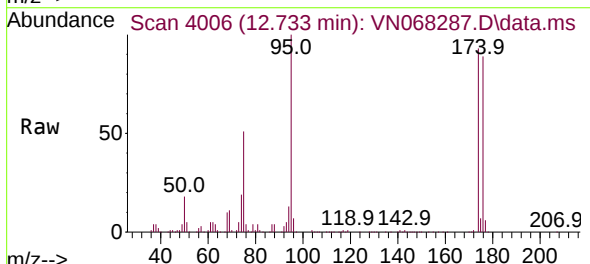
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-8-23-21

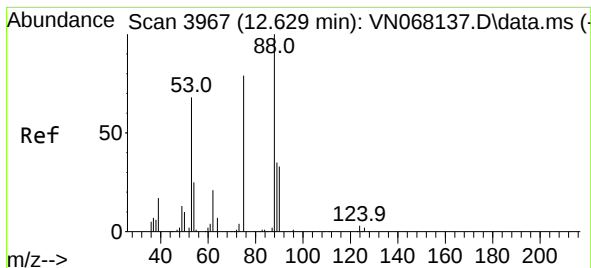
Tgt Ion:152 Resp: 345676
Ion Ratio Lower Upper
152 100
115 54.4 36.1 108.5
150 154.9 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 29.933 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

Tgt Ion: 75 Resp: 171980
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

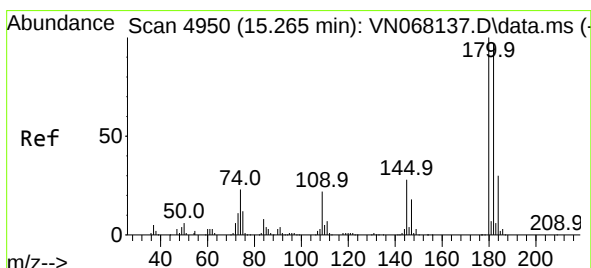
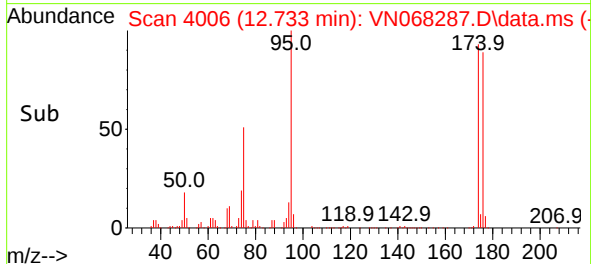
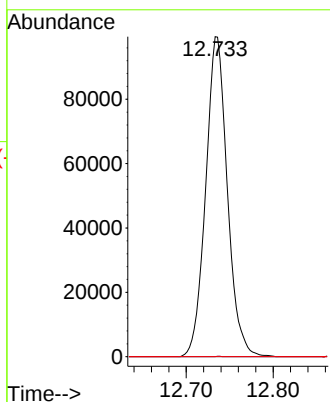
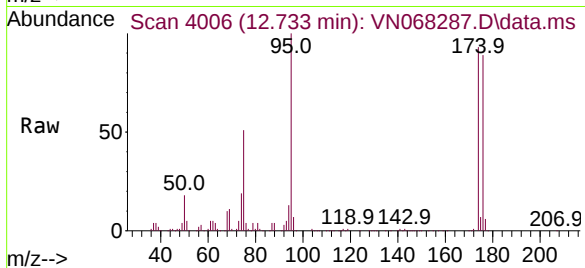




#81
trans-1,4-Dichloro-2-butene
Concen: 98.066 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

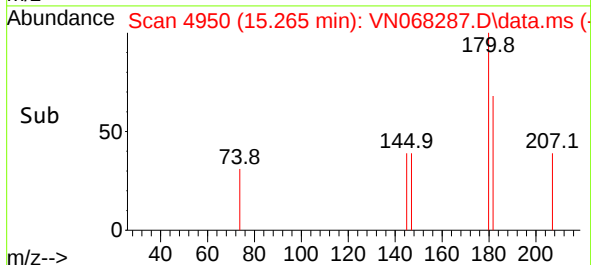
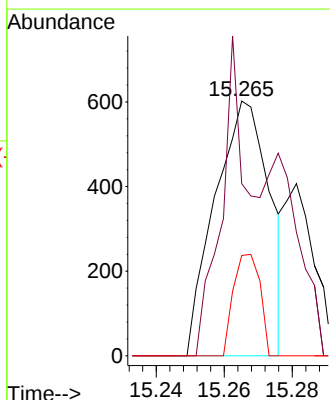
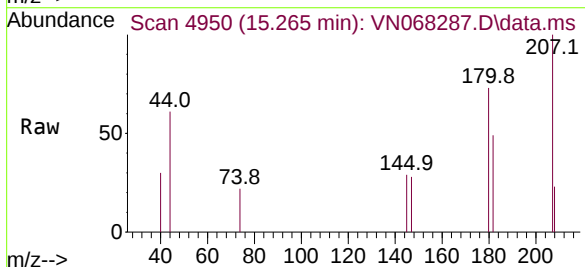
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-8-23-21

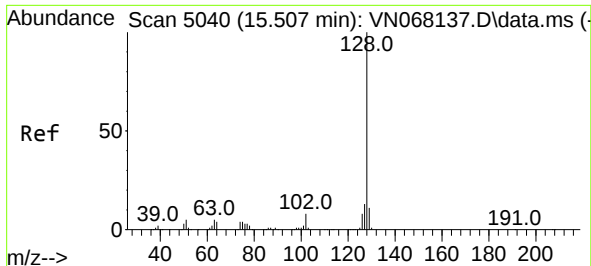
Tgt Ion: 75 Resp: 171980
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.795 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

Tgt Ion:180 Resp: 669
Ion Ratio Lower Upper
180 100
182 63.8 47.5 142.5
145 19.4 17.2 51.6

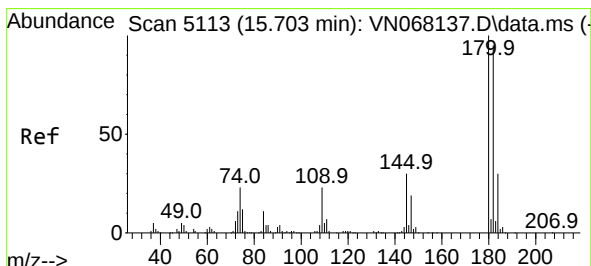
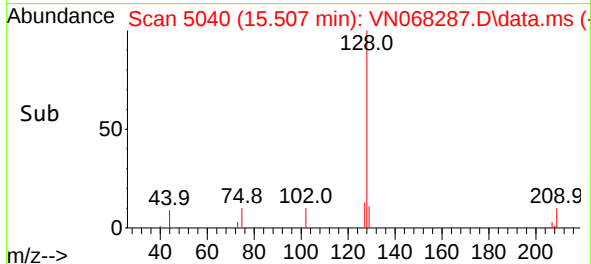
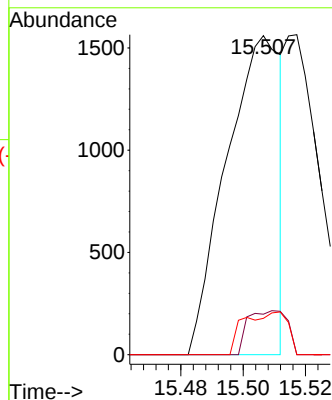
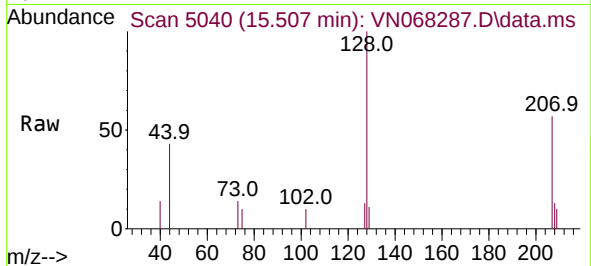




#95
Naphthalene
Concen: 3.473 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-8-23-21

Tgt Ion:128 Resp: 1870
Ion Ratio Lower Upper
128 100
127 10.1 10.6 15.8#
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 2.997 ug/l
RT: 15.710 min Scan# 5116
Delta R.T. 0.007 min
Lab File: VN068287.D
Acq: 24 Aug 2021 15:10

Tgt Ion:180 Resp: 960
Ion Ratio Lower Upper
180 100
182 63.4 47.8 143.3
145 15.1 18.2 54.6#

