

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068156.D
 Acq On : 17 Aug 2021 20:34
 Operator : JC/MD
 Sample : M3430-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK-8-13-21

Quant Time: Aug 18 07:21:40 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)

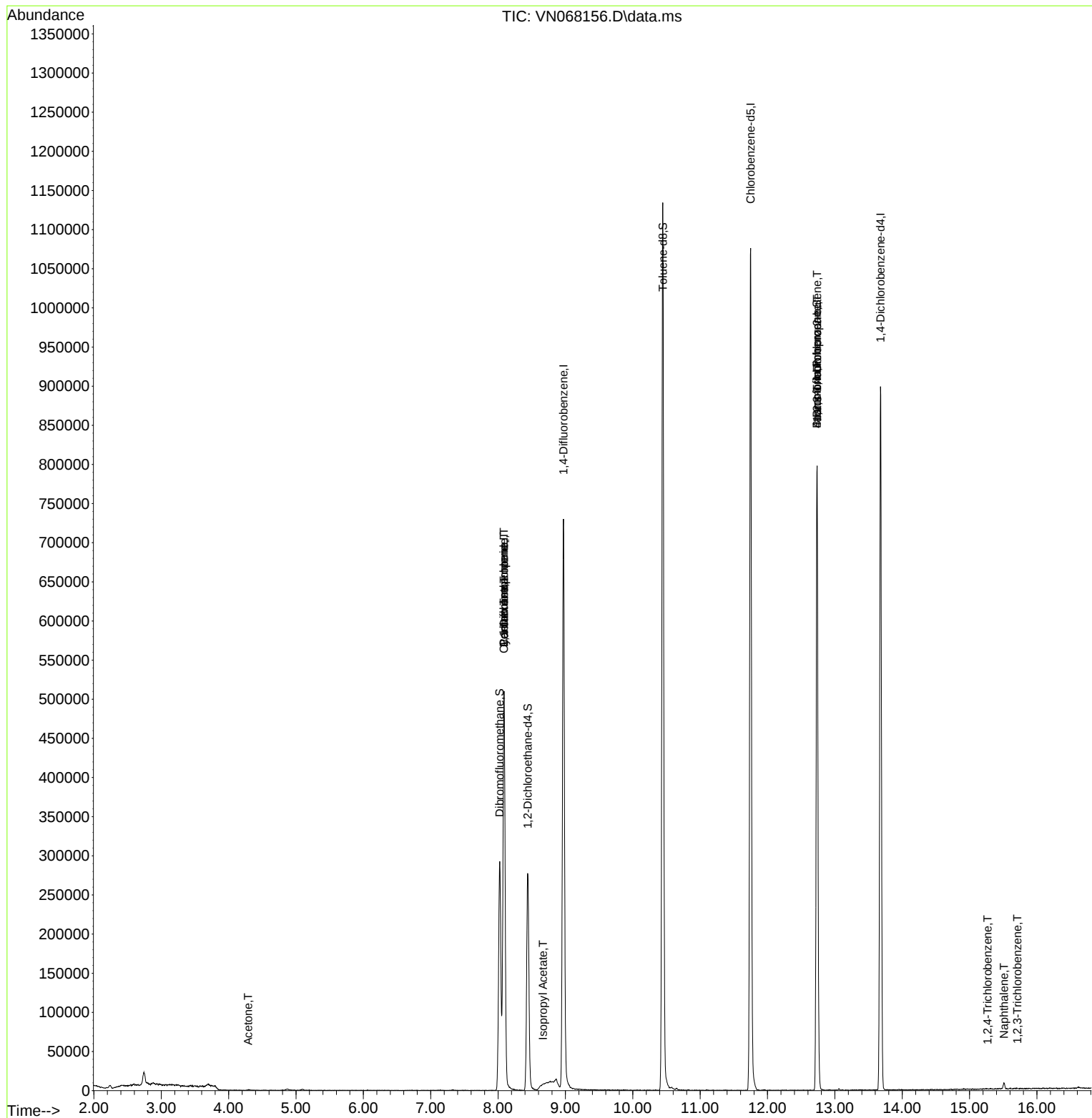
Internal Standards						
1) Pentafluorobenzene	8.088	168	421865	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	701212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	694704	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	268285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	238505	52.950	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 105.900%		
35) Dibromofluoromethane	8.024	113	212517	48.273	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 96.540%		
50) Toluene-d8	10.446	98	844473	50.342	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 100.680%		
62) 4-Bromofluorobenzene	12.734	95	272625	48.821	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 97.640%		
Target Compounds						
						Qvalue
5) Bromomethane	2.810	94	157	Below Cal	#	4
6) Chloroethane	3.057	64	25	Below Cal	#	44
13) Acrolein	3.768	56	85	Below Cal	#	48
16) Acetone	4.288	43	522	0.397	ug/l #	48
18) Methyl Acetate	4.875	43	3539	Below Cal	#	72
20) Methylene Chloride	5.095	84	757	Below Cal	#	42
31) Cyclohexane	8.086	56	7423	1.251	ug/l #	1
36) 1,1-Dichloropropene	8.088	75	27564	4.809	ug/l #	55
38) Carbon Tetrachloride	8.088	117	38952	5.892	ug/l #	18
43) Isopropyl Acetate	8.665	43	10057	1.286	ug/l #	58
71) Bromoform	12.734	173	2189	0.509	ug/l #	1
76) 1,2,3-Trichloropropane	12.736	75	139647	31.317	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	139647	102.599	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.268	180	137	2.714	ug/l #	12
95) Naphthalene	15.512	128	7547	4.013	ug/l	99
96) 1,2,3-Trichlorobenzene	15.708	180	176	2.870	ug/l #	58

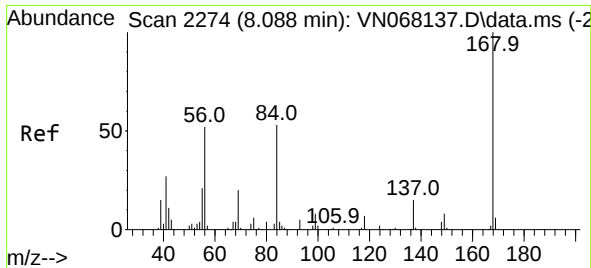
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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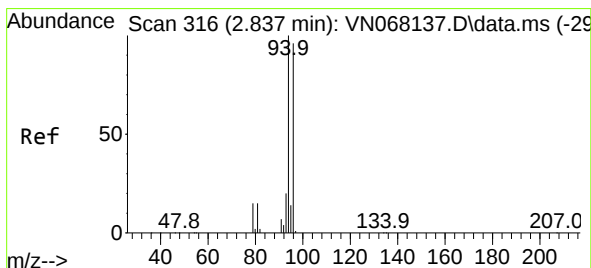
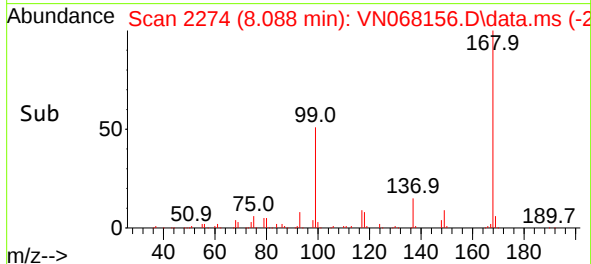
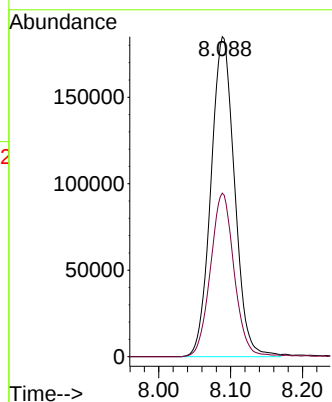
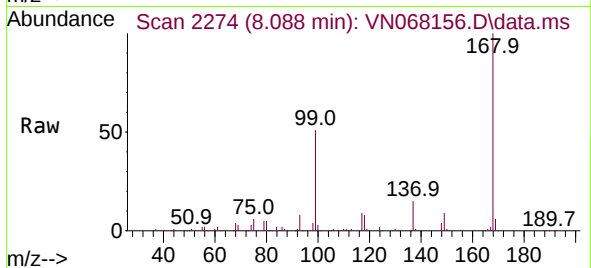




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068156.D
Acq: 17 Aug 2021 20:34

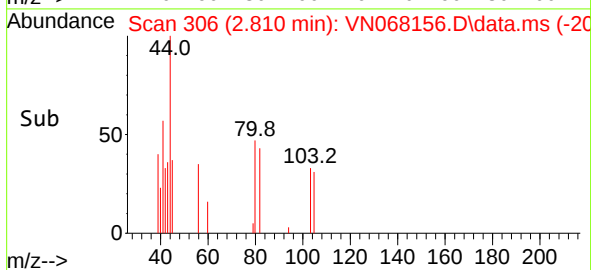
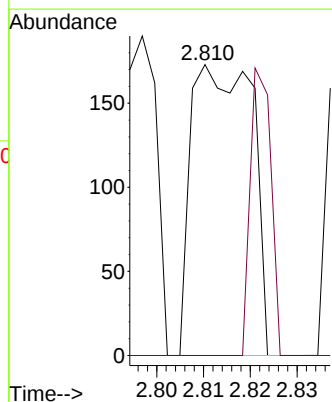
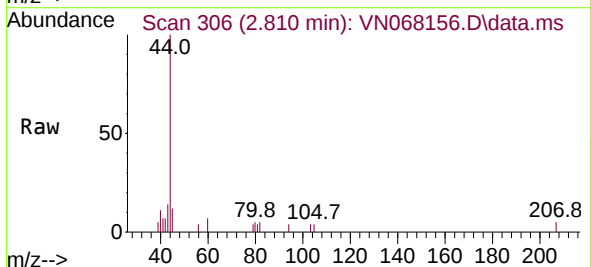
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-8-13-21

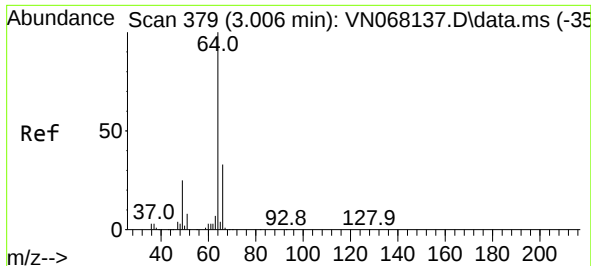
Tgt Ion:168 Resp: 421865
Ion Ratio Lower Upper
168 100
99 51.1 62.9 94.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.810 min Scan# 306
Delta R.T. -0.027 min
Lab File: VN068156.D
Acq: 17 Aug 2021 20:34

Tgt Ion: 94 Resp: 157
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#

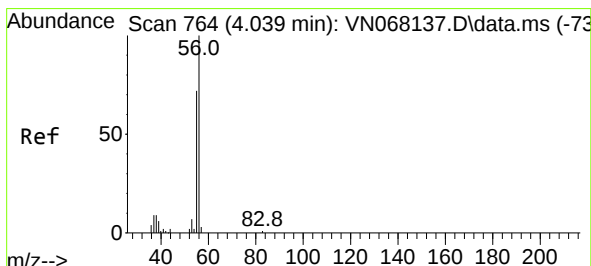
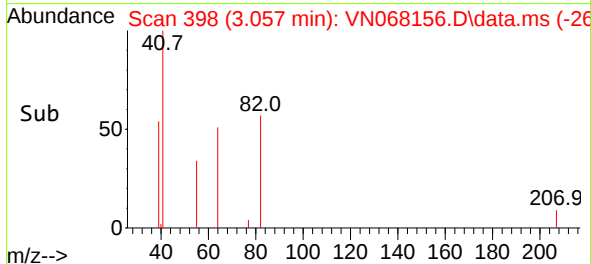
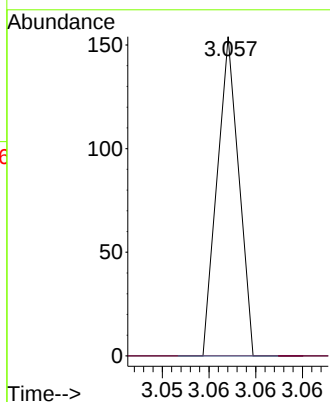
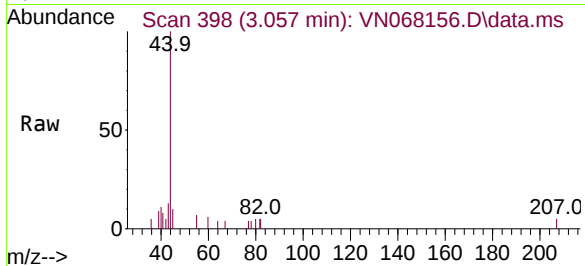




#6
Chloroethane
Concen: Below Cal
RT: 3.057 min Scan# 398
Delta R.T. 0.051 min
Lab File: VN068156.D
Acq: 17 Aug 2021 20:34

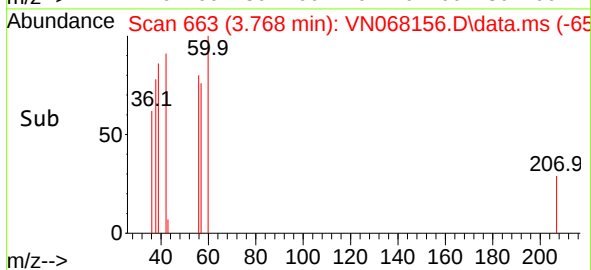
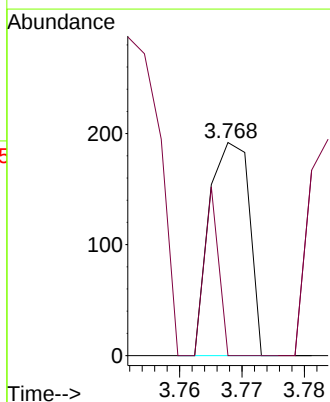
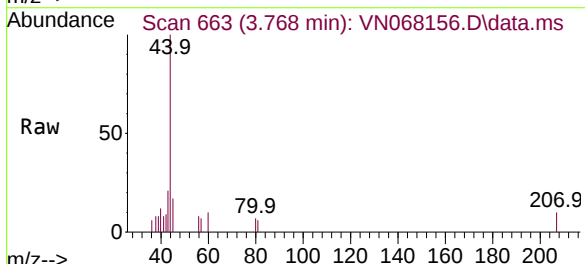
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-8-13-21

Tgt Ion: 64 Resp: 25
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 3.768 min Scan# 663
Delta R.T. -0.271 min
Lab File: VN068156.D
Acq: 17 Aug 2021 20:34

Tgt Ion: 56 Resp: 85
Ion Ratio Lower Upper
56 100
55 28.2 57.4 86.0#

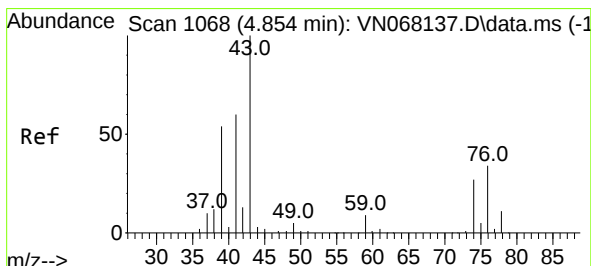
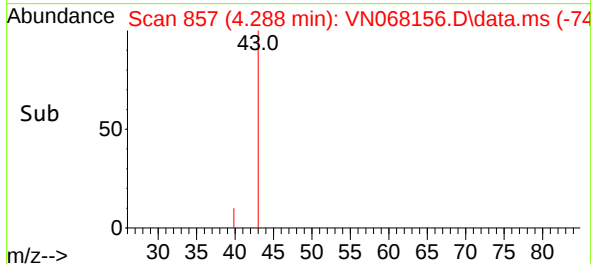
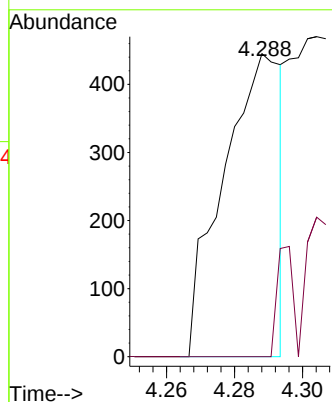
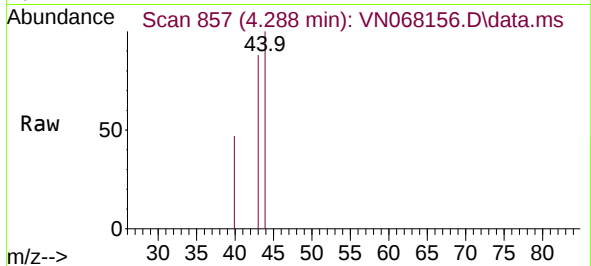




#16
Acetone
Concen: 0.397 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.000 min
Lab File: VN068156.D
Acq: 17 Aug 2021 20:34

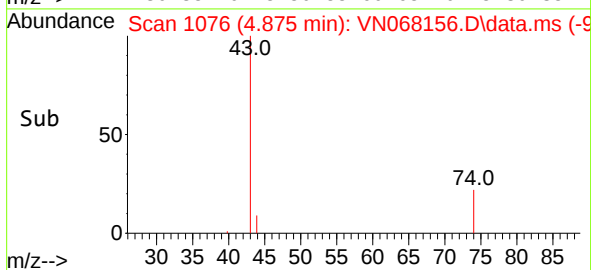
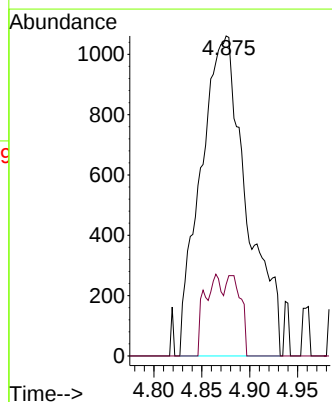
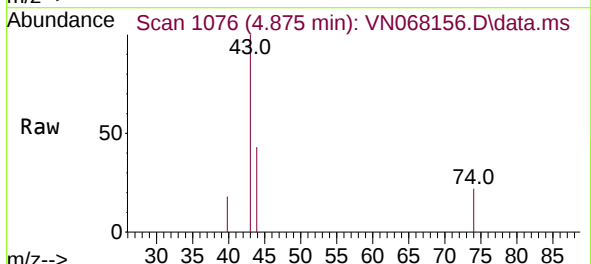
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-8-13-21

Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.875 min Scan# 1076
Delta R.T. 0.021 min
Lab File: VN068156.D
Acq: 17 Aug 2021 20:34

Tgt Ion: 43 Resp: 3539
Ion Ratio Lower Upper
43 100
74 8.3 17.4 26.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.095 min Scan# 1158

Delta R.T. 0.002 min

Lab File: VN068156.D

Acq: 17 Aug 2021 20:34

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK-8-13-21

Tgt Ion: 84 Resp: 757

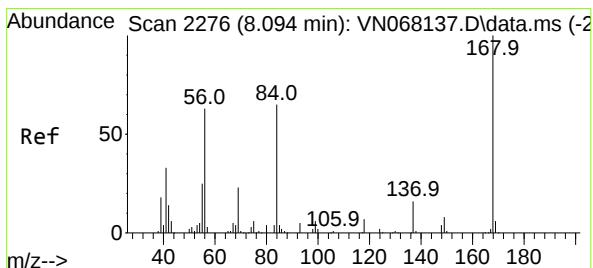
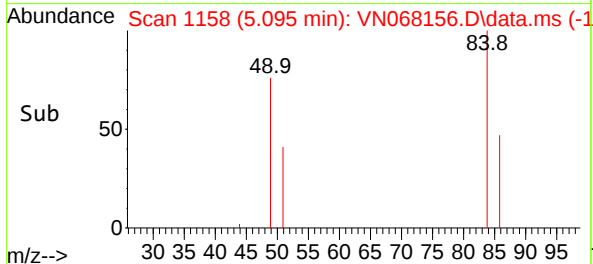
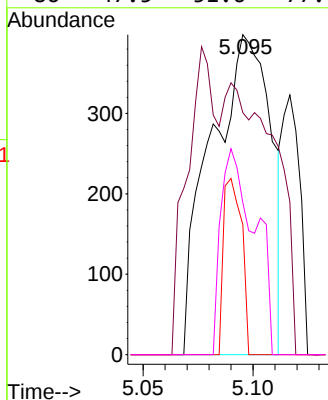
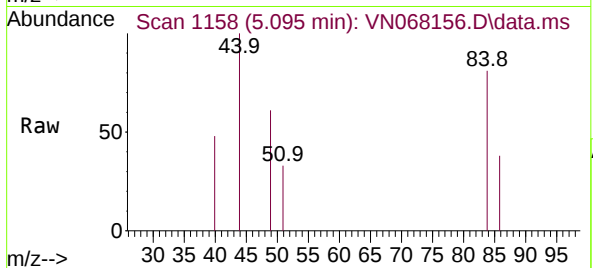
Ion Ratio Lower Upper

84 100

49 28.1 110.9 166.3#

51 40.7 32.6 49.0

86 47.5 51.6 77.4#



#31

Cyclohexane

Concen: 1.251 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.008 min

Lab File: VN068156.D

Acq: 17 Aug 2021 20:34

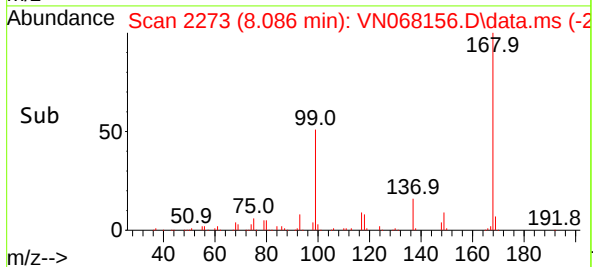
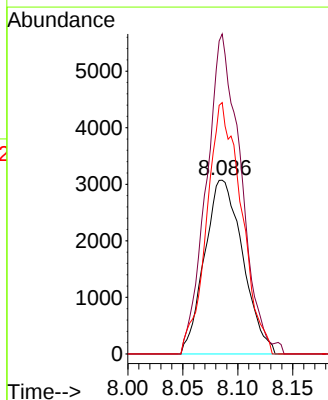
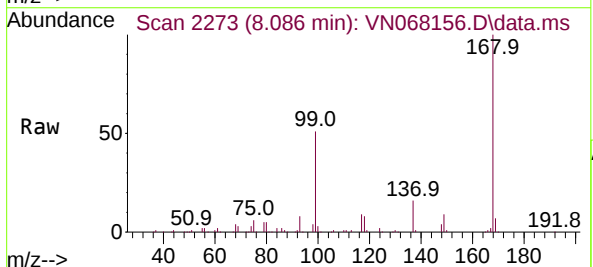
Tgt Ion: 56 Resp: 7423

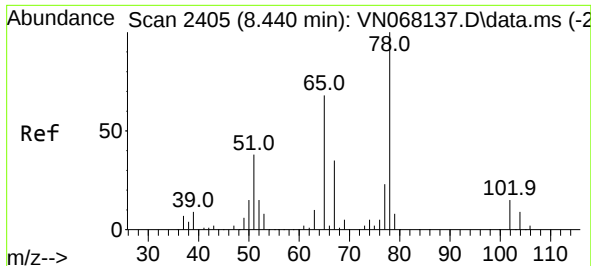
Ion Ratio Lower Upper

56 100

69 184.2 27.3 40.9#

84 144.7 64.9 97.3#

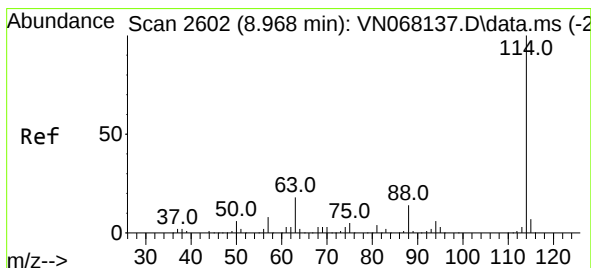
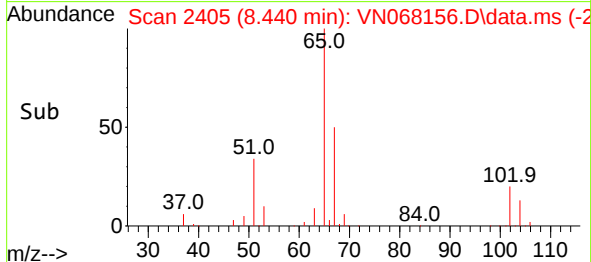
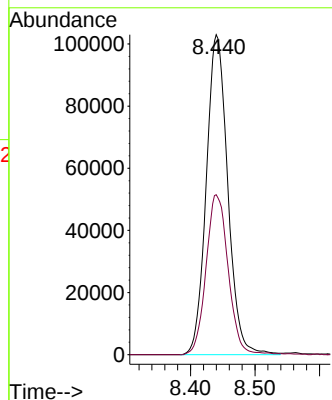
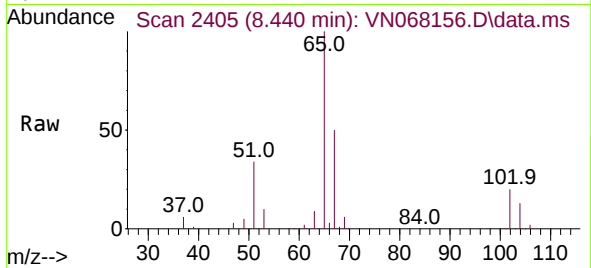




#33
 1,2-Dichloroethane-d4
 Concen: 52.950 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN068156.D
 Acq: 17 Aug 2021 20:34

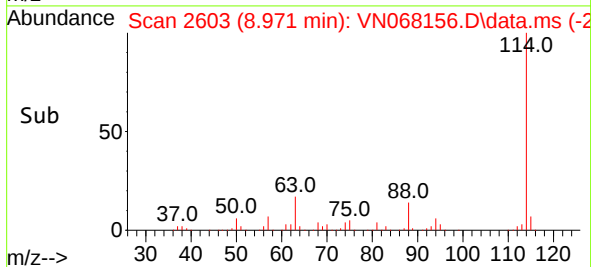
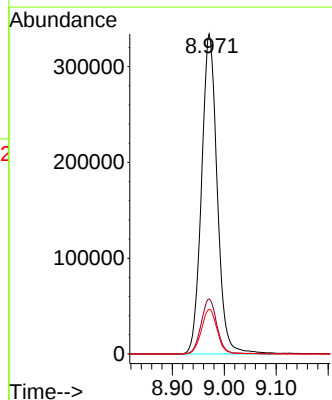
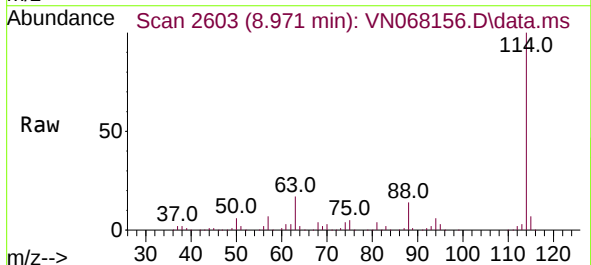
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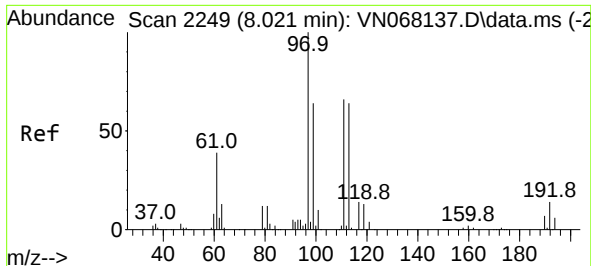
Tgt Ion: 65 Resp: 238505
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN068156.D
 Acq: 17 Aug 2021 20:34

Tgt Ion: 114 Resp: 701212
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 49.0
 88 13.9 0.0 36.6

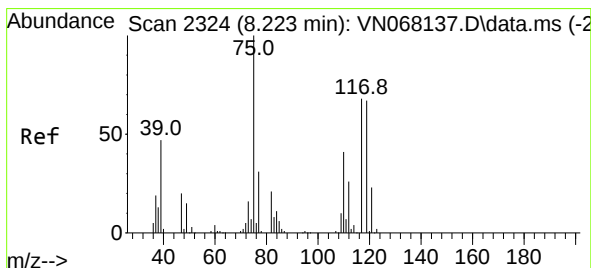
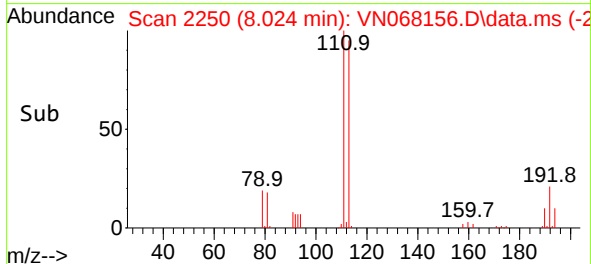
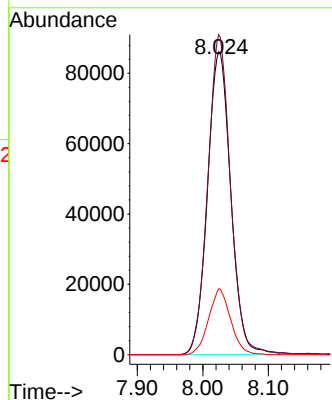
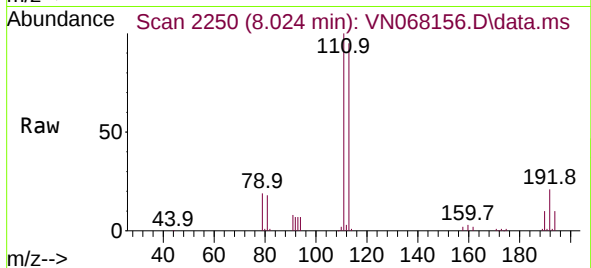




#35
Dibromofluoromethane
Concen: 48.273 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068156.D
Acq: 17 Aug 2021 20:34

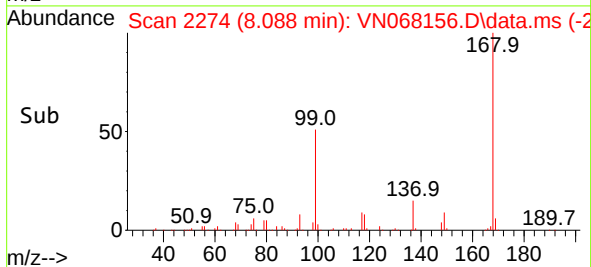
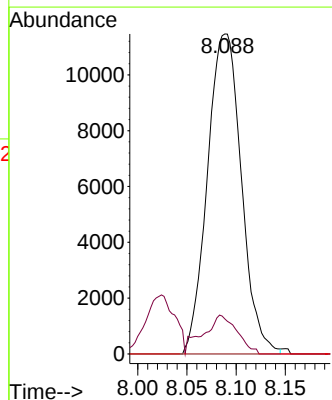
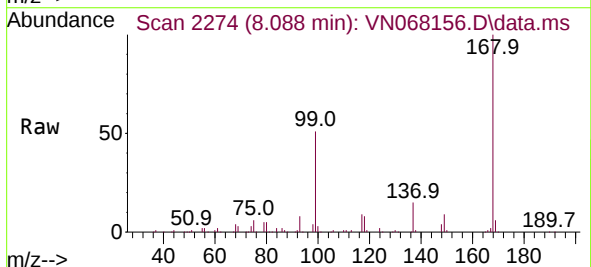
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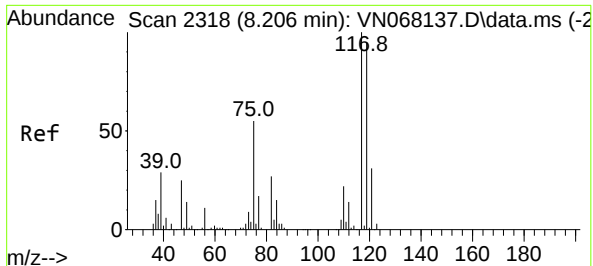
Tgt Ion:113 Resp: 212517
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.8
192 20.6 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 4.809 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068156.D
Acq: 17 Aug 2021 20:34

Tgt Ion: 75 Resp: 27564
Ion Ratio Lower Upper
75 100
110 12.0 15.7 47.0#
77 0.0 24.6 37.0#

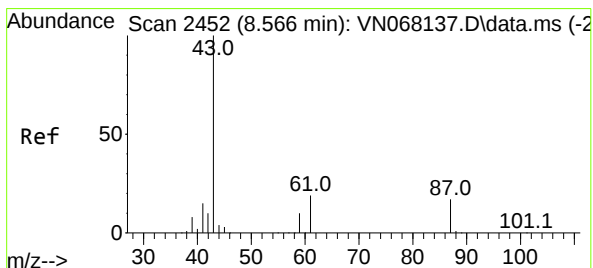
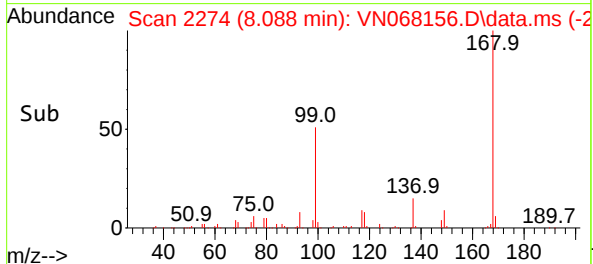
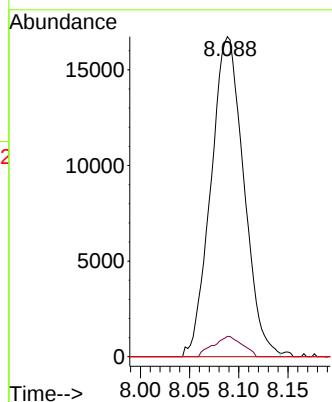
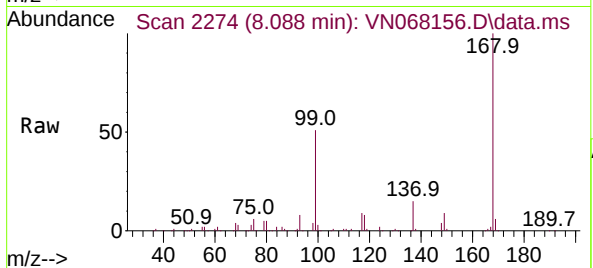




#38
Carbon Tetrachloride
Concen: 5.892 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN068156.D
Acq: 17 Aug 2021 20:34

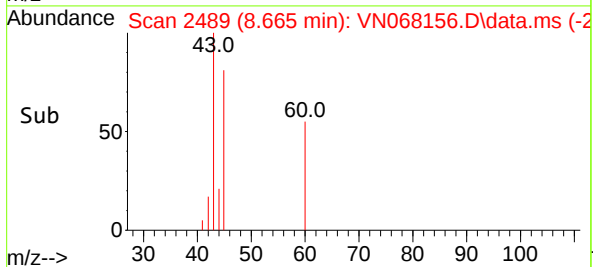
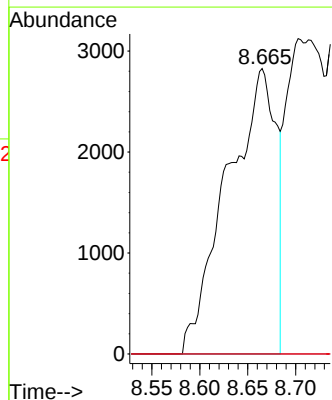
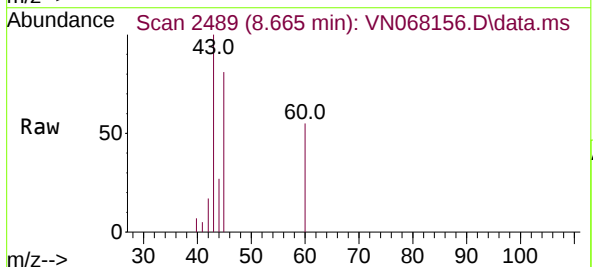
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-8-13-21

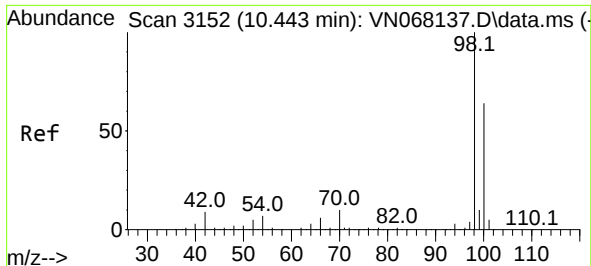
Tgt Ion:117 Resp: 38952
Ion Ratio Lower Upper
117 100
119 6.4 75.4 113.2#
121 0.0 23.5 35.3#



#43
Isopropyl Acetate
Concen: 1.286 ug/l
RT: 8.665 min Scan# 2489
Delta R.T. 0.099 min
Lab File: VN068156.D
Acq: 17 Aug 2021 20:34

Tgt Ion: 43 Resp: 10057
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

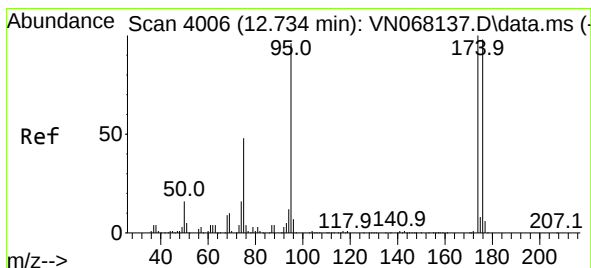
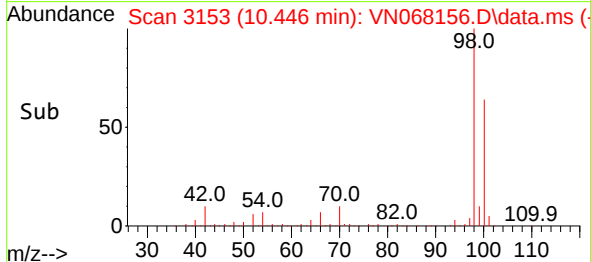
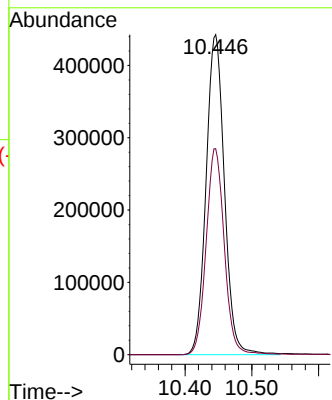
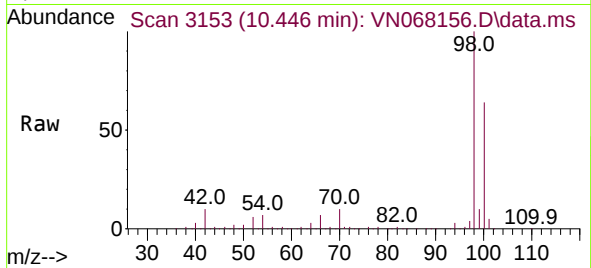




#50
Toluene-d8
Concen: 50.342 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068156.D
Acq: 17 Aug 2021 20:34

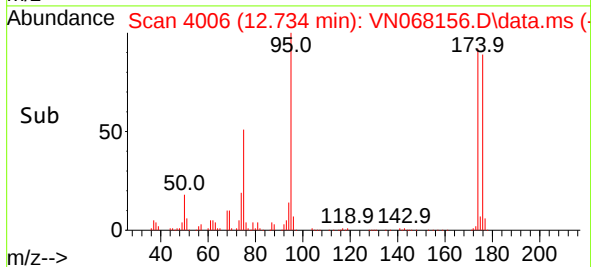
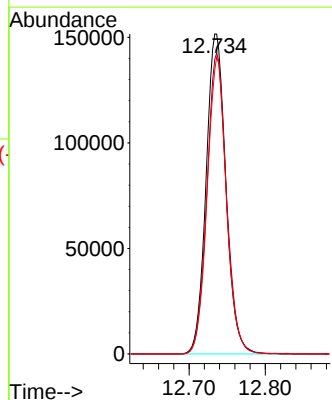
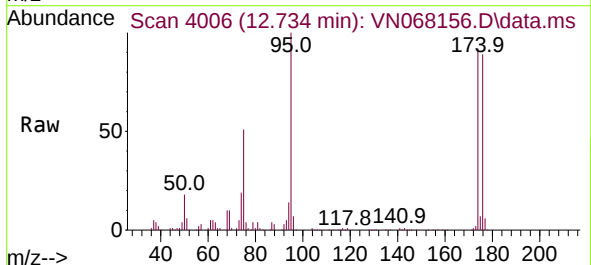
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-8-13-21

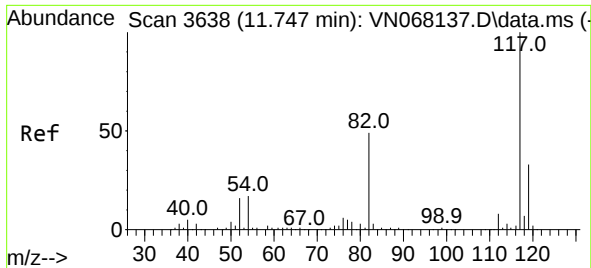
Tgt Ion: 98 Resp: 844473
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 48.821 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068156.D
Acq: 17 Aug 2021 20:34

Tgt Ion: 95 Resp: 272625
Ion Ratio Lower Upper
95 100
174 93.1 0.0 122.0
176 90.0 0.0 117.6

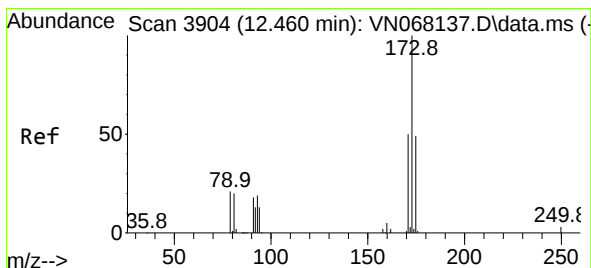
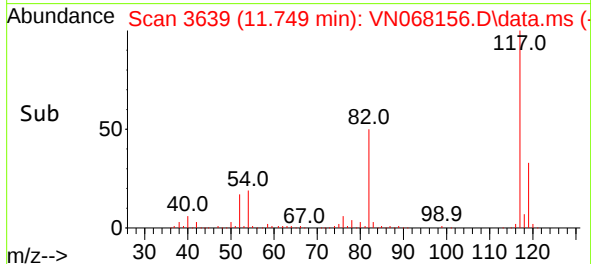
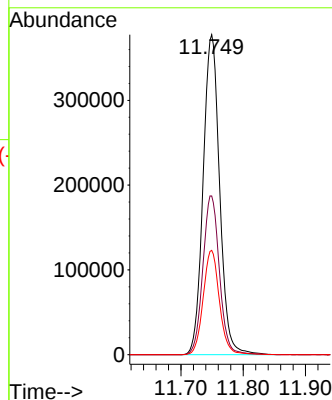
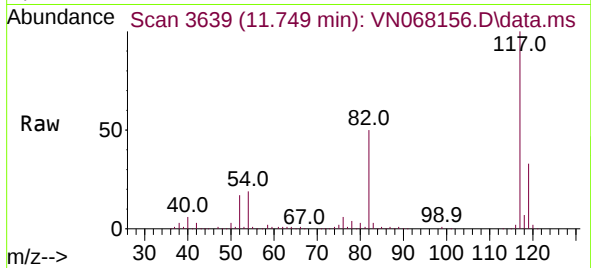




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068156.D
Acq: 17 Aug 2021 20:34

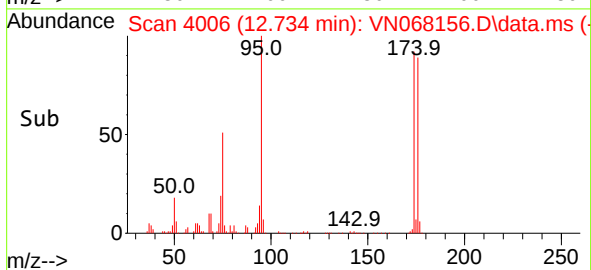
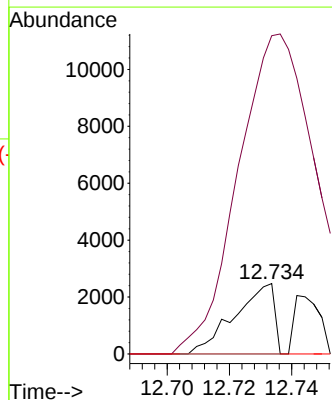
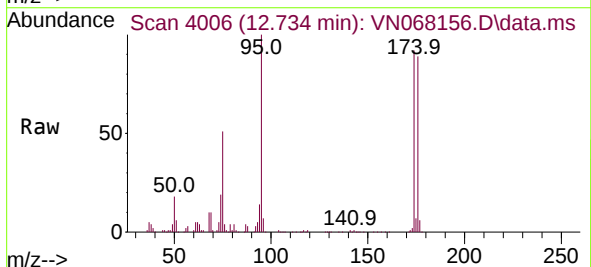
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-8-13-21

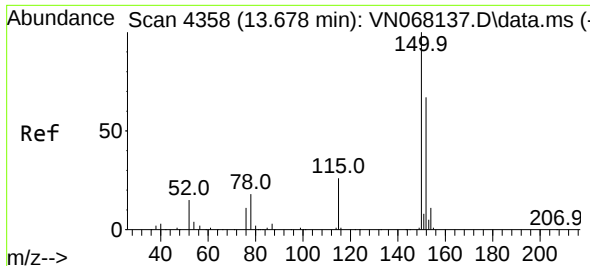
Tgt Ion:117 Resp: 694704
Ion Ratio Lower Upper
117 100
82 49.6 53.1 79.7#
119 32.6 25.5 38.3



#71
Bromoform
Concen: 0.509 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.274 min
Lab File: VN068156.D
Acq: 17 Aug 2021 20:34

Tgt Ion:173 Resp: 2189
Ion Ratio Lower Upper
173 100
175 813.3 23.9 71.8#
254 0.0 0.0 0.0

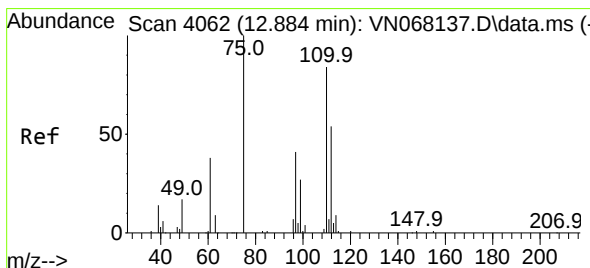
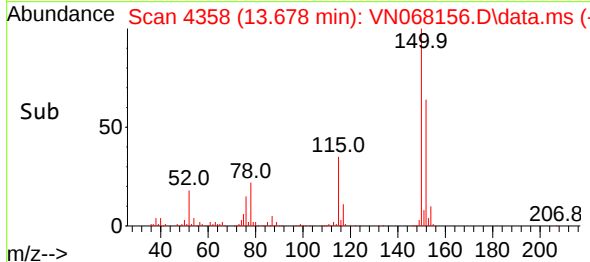
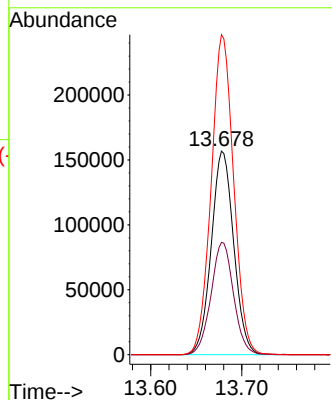
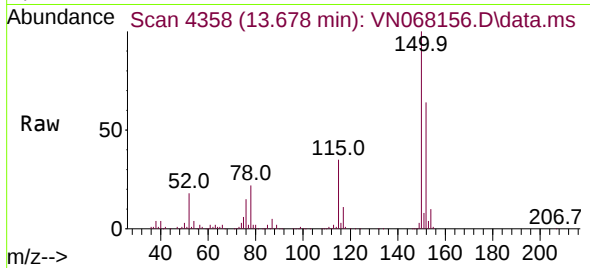




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. -0.000 min
 Lab File: VN068156.D
 Acq: 17 Aug 2021 20:34

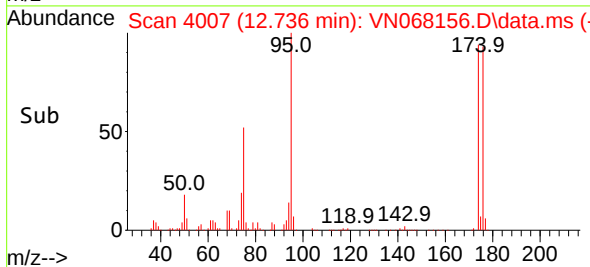
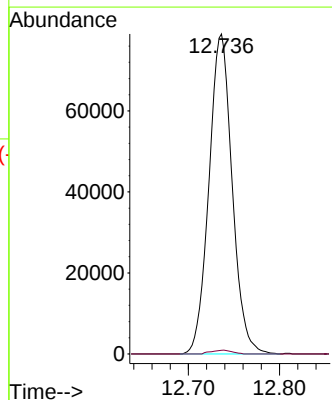
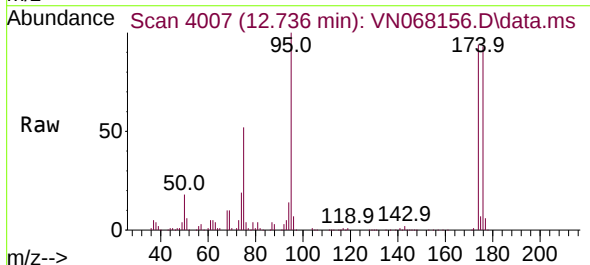
Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK-8-13-21

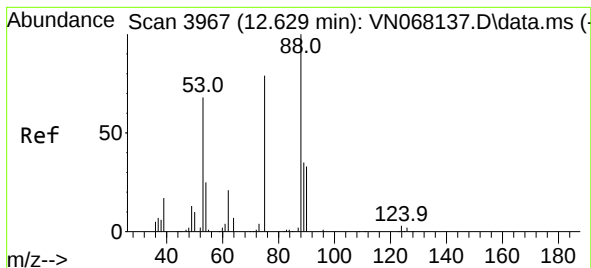
Tgt Ion:152 Resp: 268285
 Ion Ratio Lower Upper
 152 100
 115 55.4 36.1 108.5
 150 157.2 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 31.317 ug/l
 RT: 12.736 min Scan# 4007
 Delta R.T. -0.148 min
 Lab File: VN068156.D
 Acq: 17 Aug 2021 20:34

Tgt Ion: 75 Resp: 139647
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

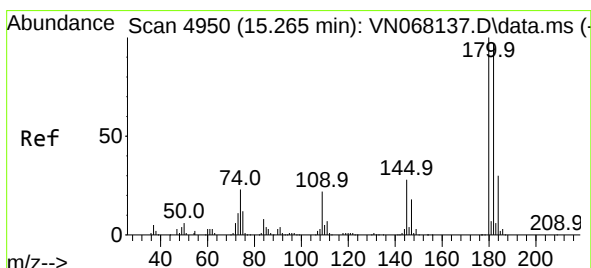
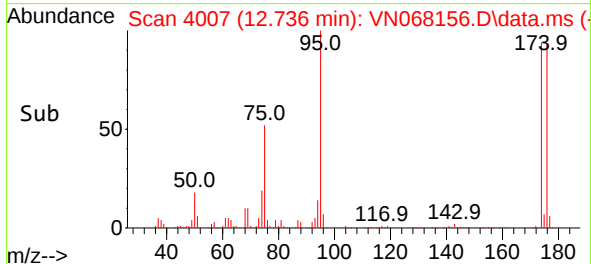
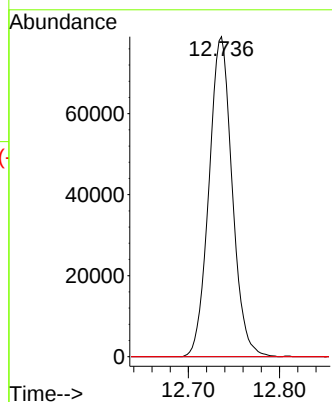
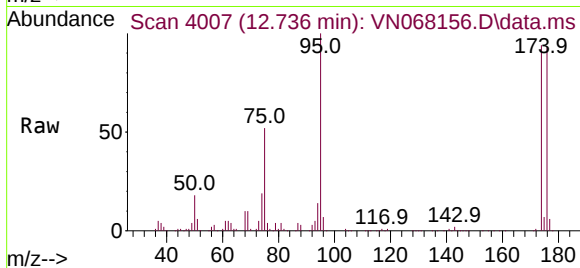




#81
trans-1,4-Dichloro-2-butene
Concen: 102.599 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN068156.D
Acq: 17 Aug 2021 20:34

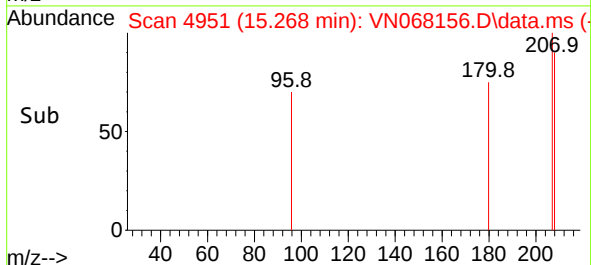
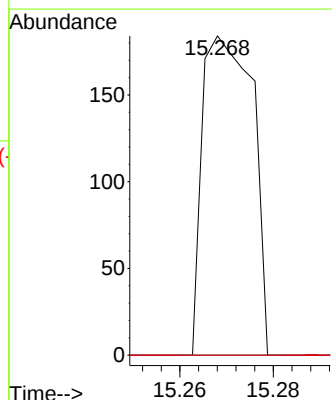
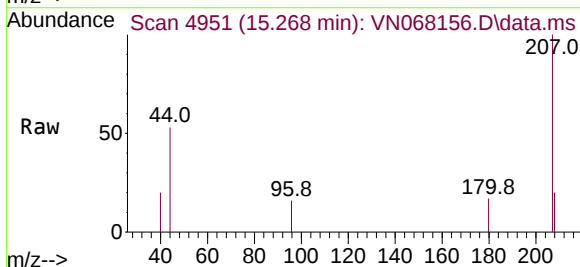
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-8-13-21

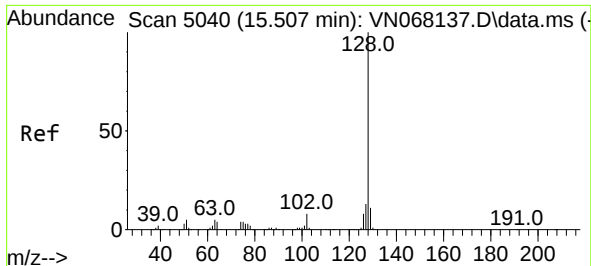
Tgt Ion: 75 Resp: 139647
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.714 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068156.D
Acq: 17 Aug 2021 20:34

Tgt Ion:180 Resp: 137
Ion Ratio Lower Upper
180 100
182 0.0 47.5 142.5#
145 0.0 17.2 51.6#

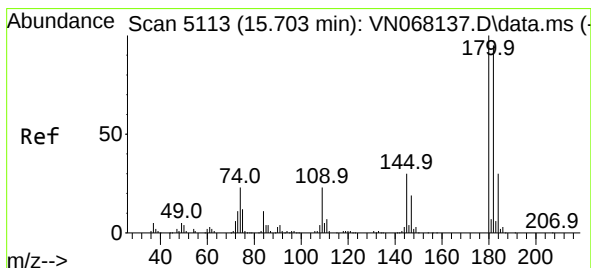
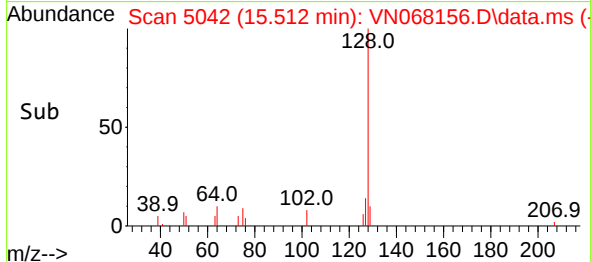
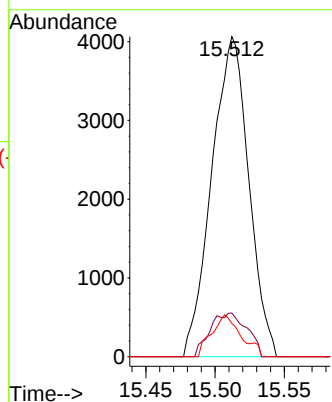
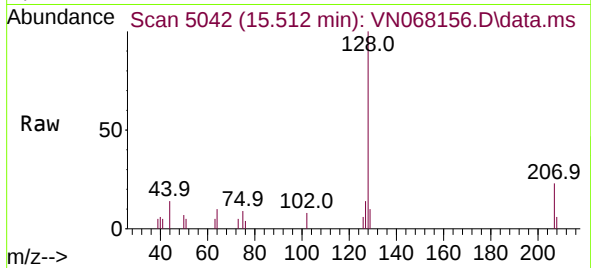




#95
Naphthalene
Concen: 4.013 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN068156.D
Acq: 17 Aug 2021 20:34

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-8-13-21

Tgt Ion:	128	Resp:	7547
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	10.3	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 2.870 ug/l
RT: 15.708 min Scan# 5115
Delta R.T. 0.005 min
Lab File: VN068156.D
Acq: 17 Aug 2021 20:34

Tgt Ion:	180	Resp:	176
Ion	Ratio	Lower	Upper
180	100		
182	61.9	47.8	143.3
145	0.0	18.2	54.6#

