

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082621\
 Data File : VN068325.D
 Acq On : 26 Aug 2021 17:28
 Operator : JC/MD
 Sample : M3534-01RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW7-TB-20210823RE

Quant Time: Aug 27 05:54:08 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	450368	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	780506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	796280	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	353332	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	257831	53.618	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.240%	
35) Dibromofluoromethane	8.024	113	235170	47.992	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 95.980%	
50) Toluene-d8	10.446	98	911020	48.792	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.580%	
62) 4-Bromofluorobenzene	12.736	95	323343	52.021	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 104.040%	

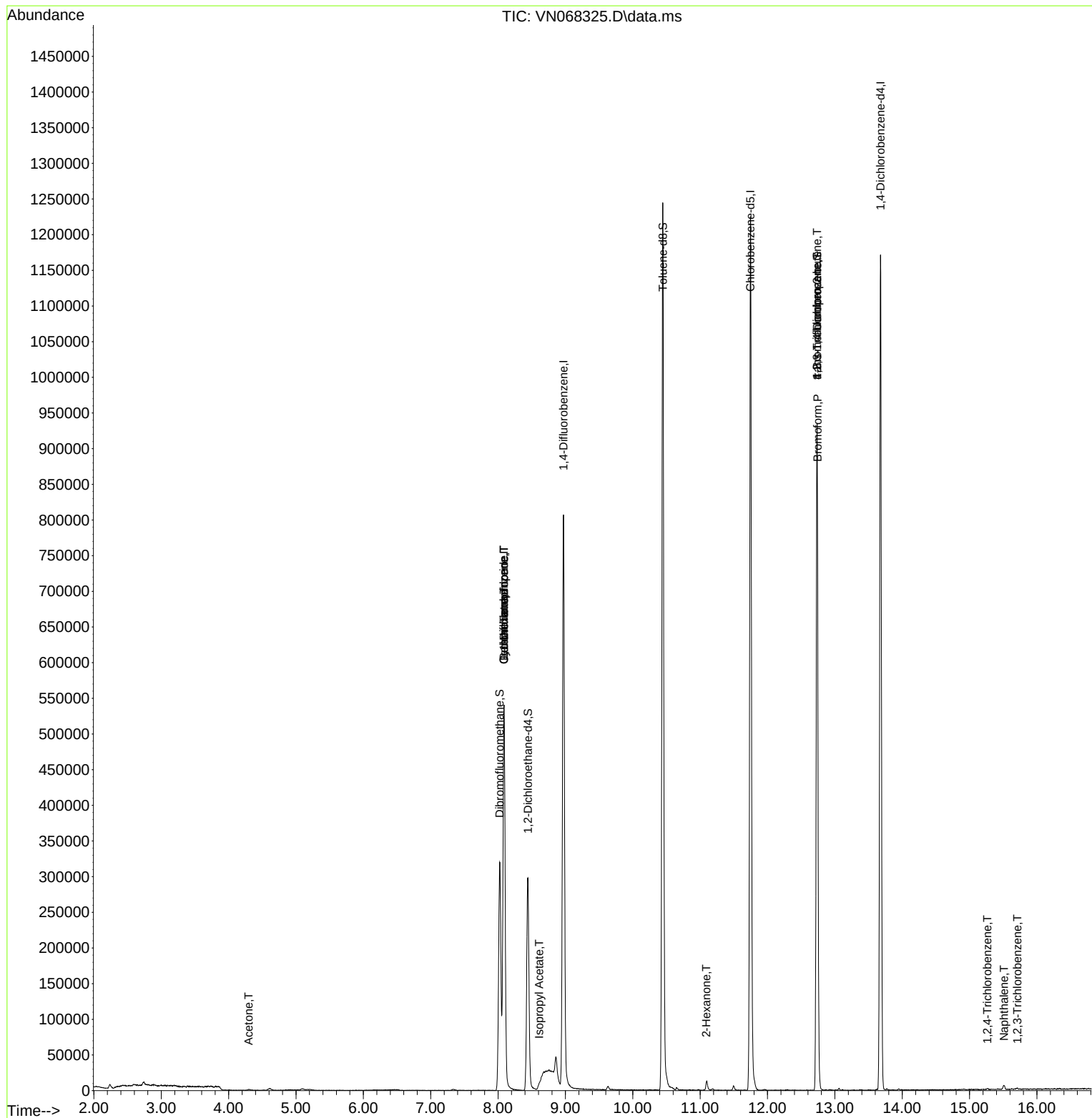
Target Compounds				Qvalue		
5) Bromomethane	2.880	94	557	Below Cal	84	
6) Chloroethane	3.006	64	128	Below Cal	#	44
13) Acrolein	3.818	56	57	Below Cal	#	14
16) Acetone	4.296	43	1368	0.974	ug/l	93
18) Methyl Acetate	4.848	43	223	Below Cal	#	54
20) Methylene Chloride	5.076	84	307	Below Cal	#	29
31) Cyclohexane	8.085	56	7715	1.218	ug/l	# 1
36) 1,1-Dichloropropene	8.088	75	28765	4.508	ug/l	# 48
38) Carbon Tetrachloride	8.085	117	42368	5.757	ug/l	# 17
43) Isopropyl Acetate	8.611	43	5363	0.616	ug/l	# 58
59) 2-Hexanone	11.092	43	2825	0.761	ug/l	# 61
71) Bromoform	12.741	173	1319	0.267	ug/l	# 1
76) 1,2,3-Trichloropropane	12.736	75	163607	27.859	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.736	75	163607	91.270	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.265	180	427	2.754	ug/l	# 89
95) Naphthalene	15.509	128	7063	3.820	ug/l	97
96) 1,2,3-Trichlorobenzene	15.708	180	768	2.961	ug/l	# 80

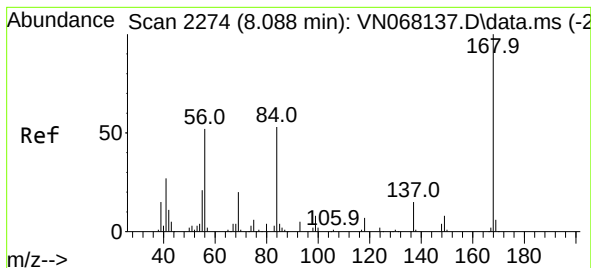
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN068325.D

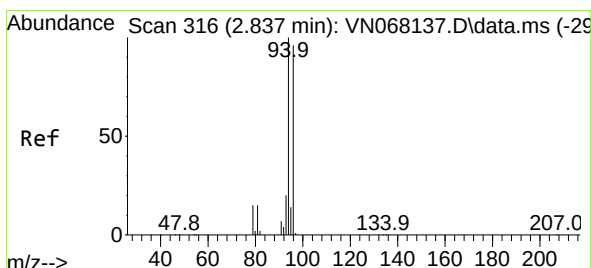
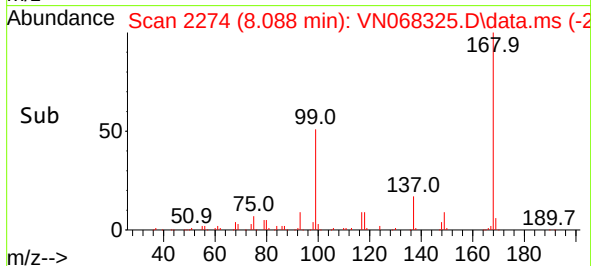
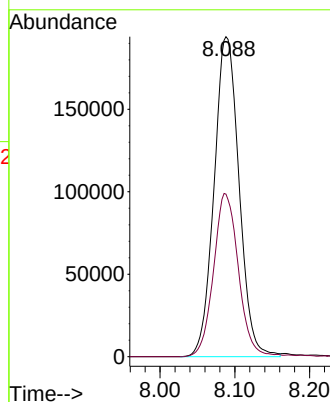
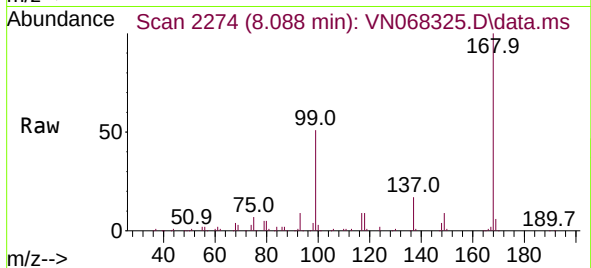
Acq: 26 Aug 2021 17:28

Tgt Ion:168 Resp: 450368

Ion Ratio Lower Upper

168 100

99 50.8 62.9 94.3#



#5

Bromomethane

Concen: Below Cal

RT: 2.880 min Scan# 332

Delta R.T. 0.043 min

Lab File: VN068325.D

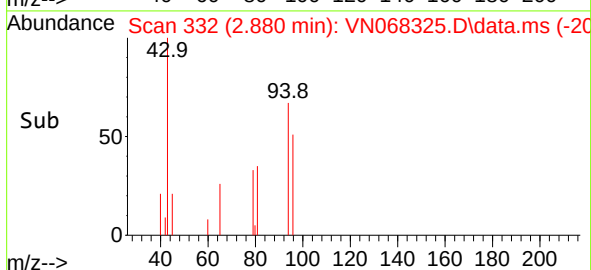
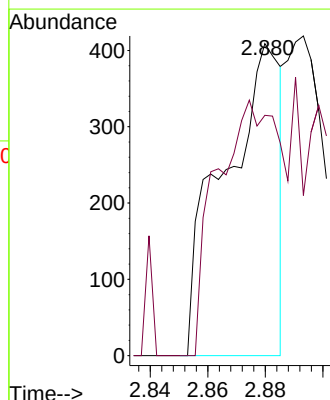
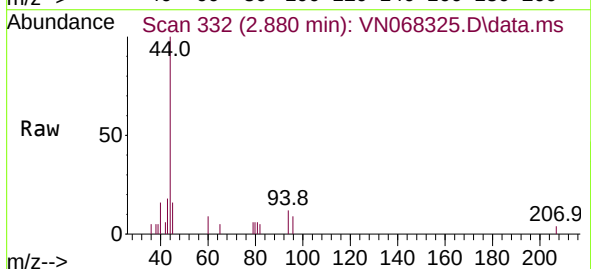
Acq: 26 Aug 2021 17:28

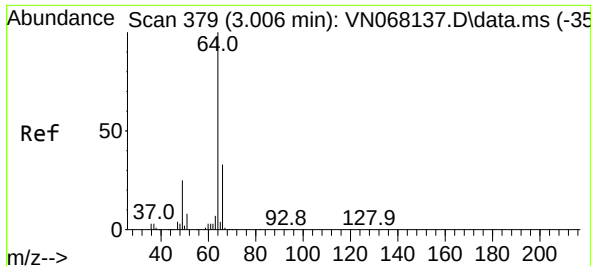
Tgt Ion: 94 Resp: 557

Ion Ratio Lower Upper

94 100

96 77.0 73.7 110.5

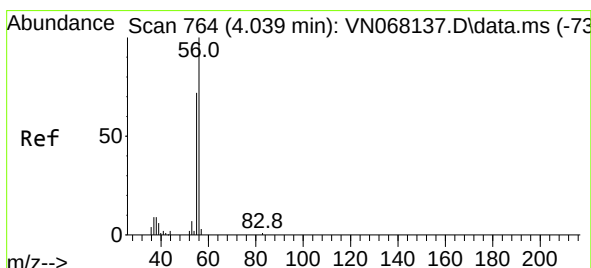
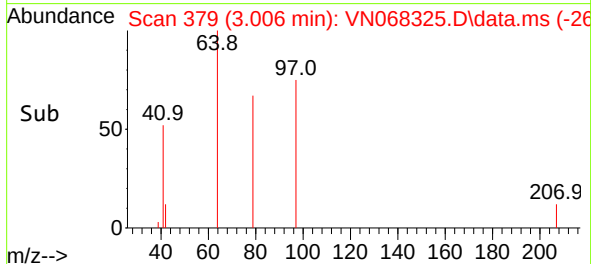
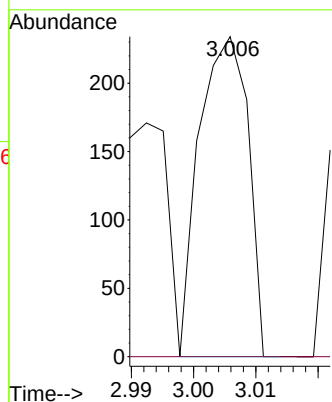
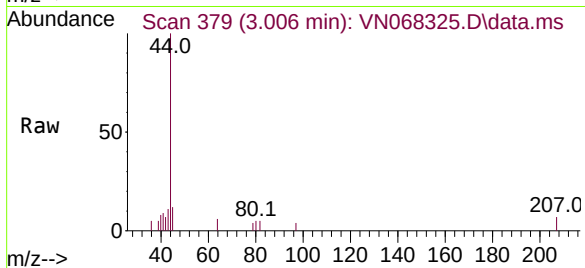




#6
Chloroethane
Concen: Below Cal
RT: 3.006 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN068325.D
Acq: 26 Aug 2021 17:28

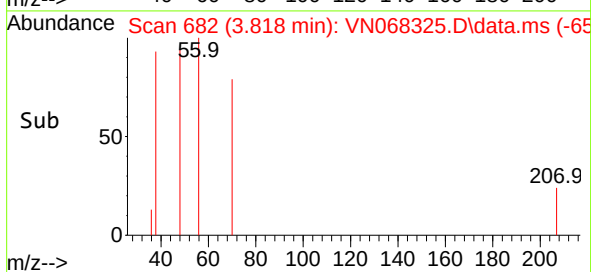
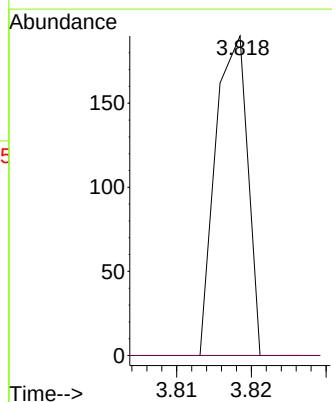
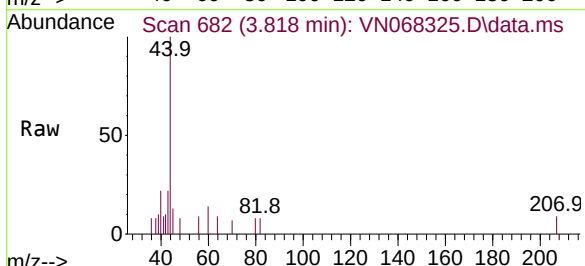
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-TB-20210823RE

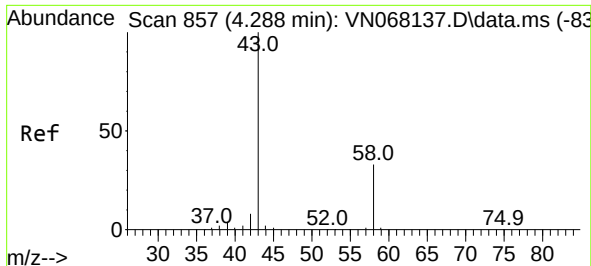
Tgt Ion: 64 Resp: 128
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 3.818 min Scan# 682
Delta R.T. -0.221 min
Lab File: VN068325.D
Acq: 26 Aug 2021 17:28

Tgt Ion: 56 Resp: 57
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#

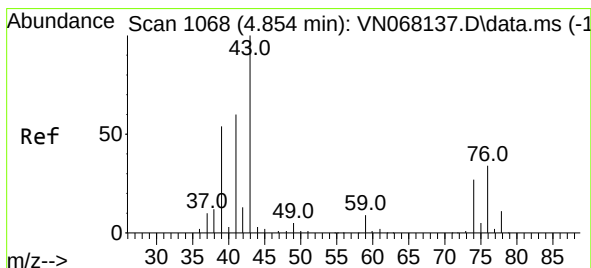
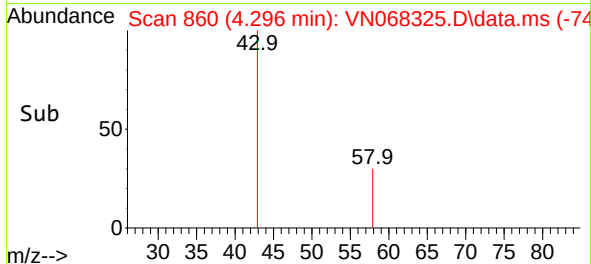
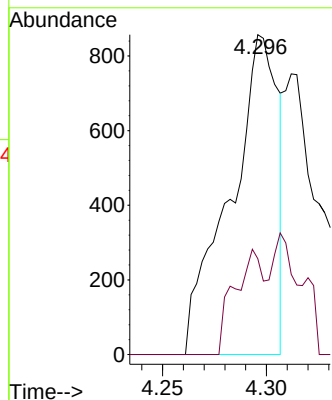
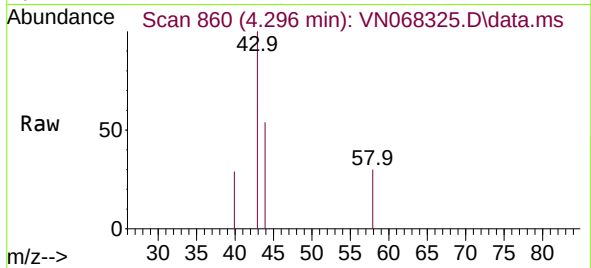




#16
Acetone
Concen: 0.974 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN068325.D
Acq: 26 Aug 2021 17:28

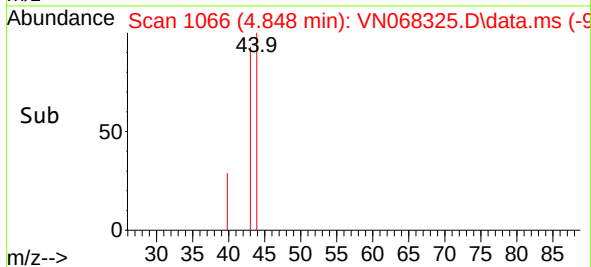
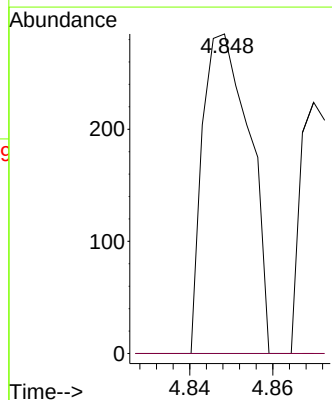
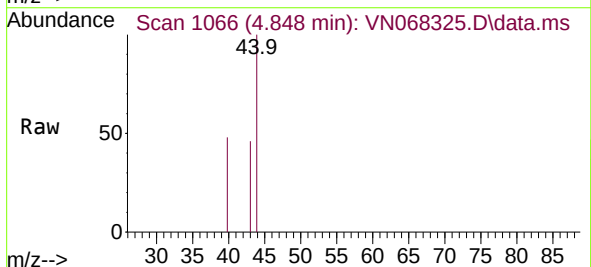
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-TB-20210823RE

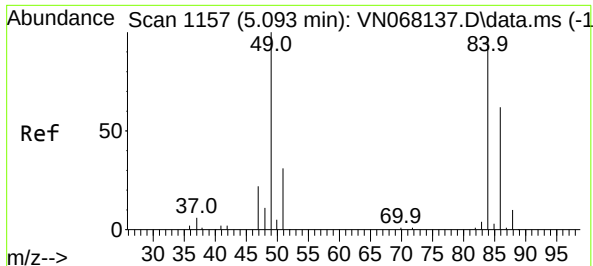
Tgt Ion: 43 Resp: 1368
Ion Ratio Lower Upper
43 100
58 30.0 21.2 31.8



#18
Methyl Acetate
Concen: Below Cal
RT: 4.848 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN068325.D
Acq: 26 Aug 2021 17:28

Tgt Ion: 43 Resp: 223
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.076 min Scan# 1151

Delta R.T. -0.017 min

Lab File: VN068325.D

Acq: 26 Aug 2021 17:28

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-VPB-RW7-TB-20210823RE

Tgt Ion: 84 Resp: 307

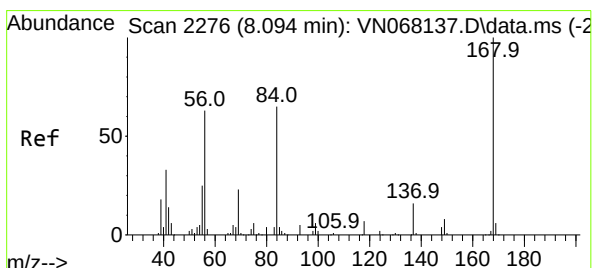
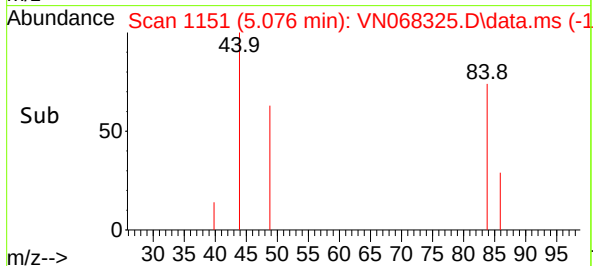
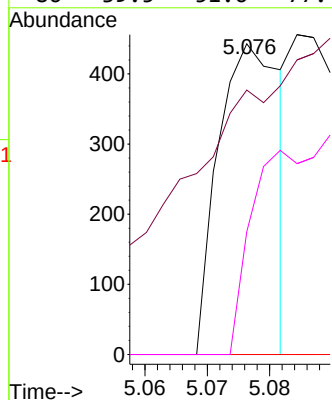
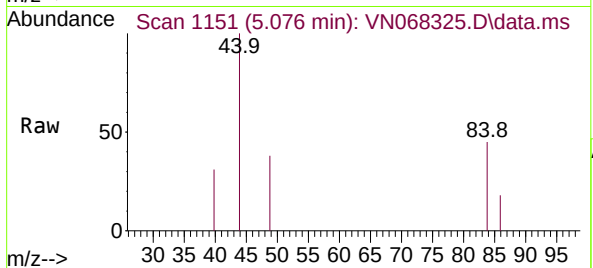
Ion Ratio Lower Upper

84 100

49 28.7 110.9 166.3#

51 0.0 32.6 49.0#

86 39.5 51.6 77.4#



#31

Cyclohexane

Concen: 1.218 ug/l

RT: 8.085 min Scan# 2273

Delta R.T. -0.008 min

Lab File: VN068325.D

Acq: 26 Aug 2021 17:28

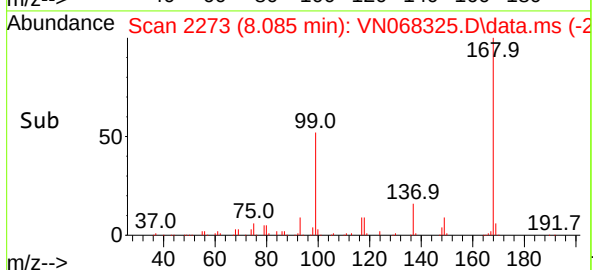
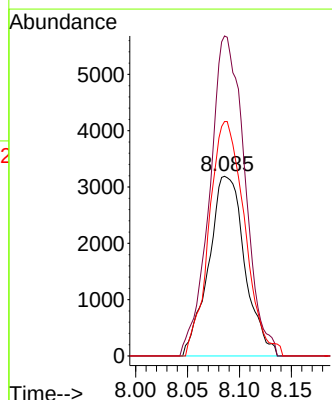
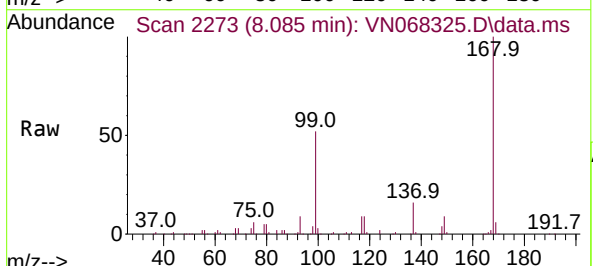
Tgt Ion: 56 Resp: 7715

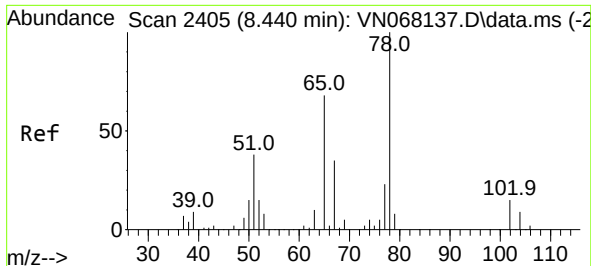
Ion Ratio Lower Upper

56 100

69 178.1 27.3 40.9#

84 130.5 64.9 97.3#



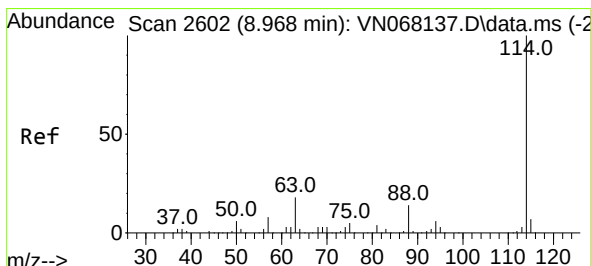
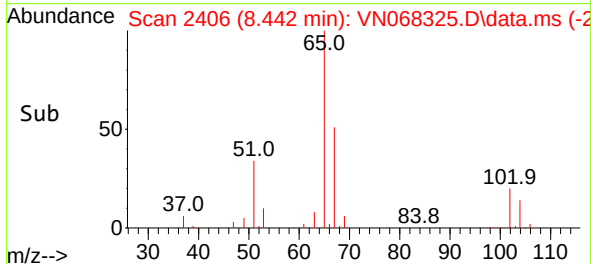
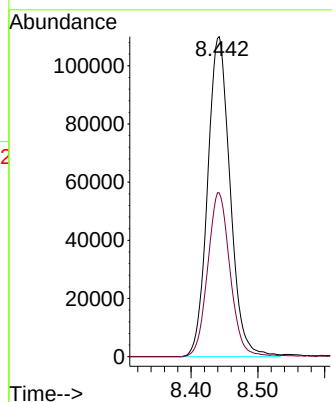
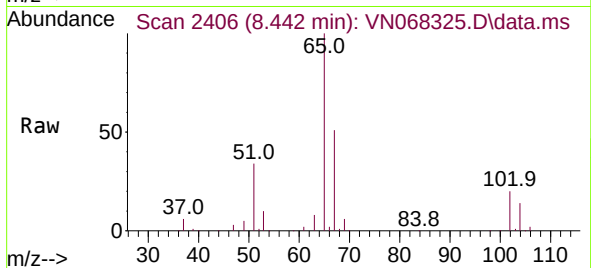


#33

1,2-Dichloroethane-d4
Concen: 53.618 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN068325.D
Acq: 26 Aug 2021 17:28

Instrument :
MSVOA_N
ClientSampleId :
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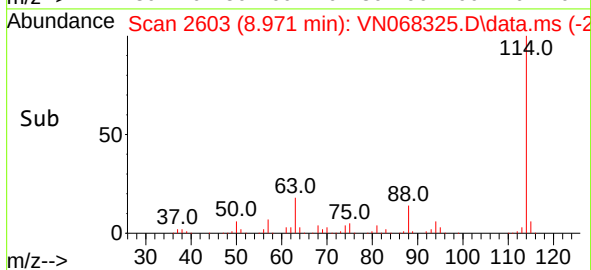
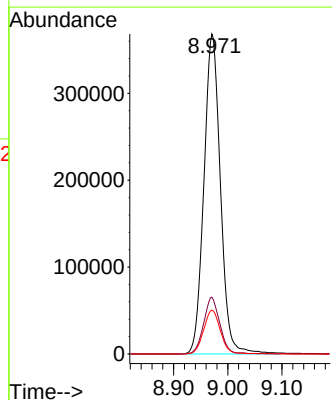
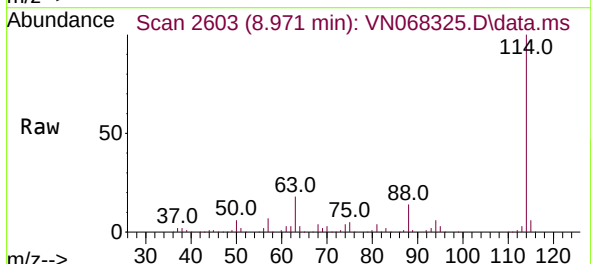
Tgt Ion: 65 Resp: 257831
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.6

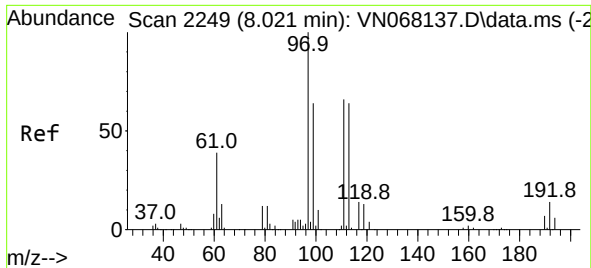


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068325.D
Acq: 26 Aug 2021 17:28

Tgt Ion: 114 Resp: 780506
Ion Ratio Lower Upper
114 100
63 17.8 0.0 49.0
88 13.7 0.0 36.6

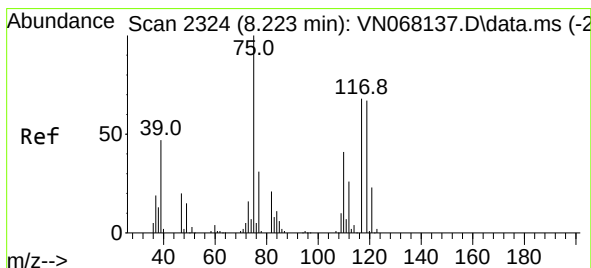
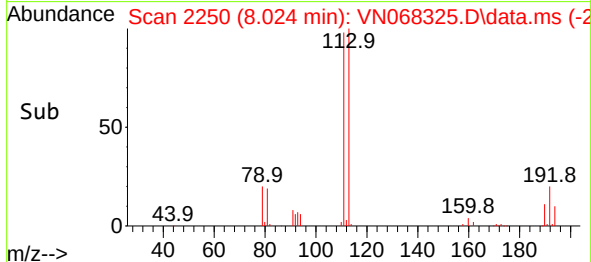
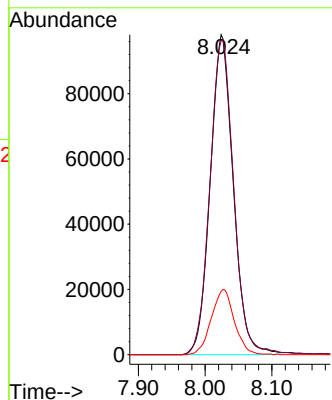
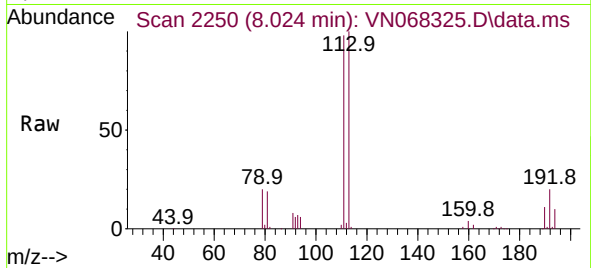




#35
Dibromofluoromethane
Concen: 47.992 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068325.D
Acq: 26 Aug 2021 17:28

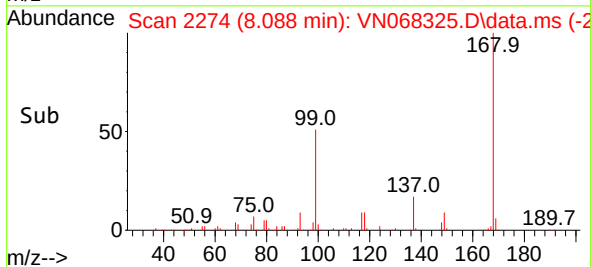
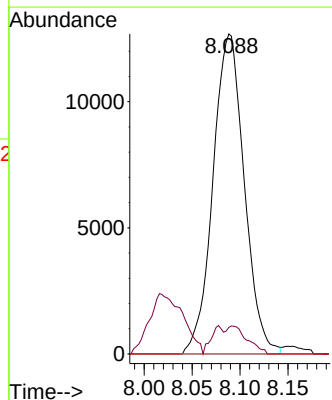
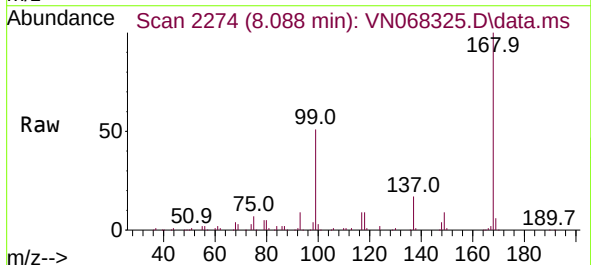
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BP-TT-VPB-RW7-TB-20210823RE

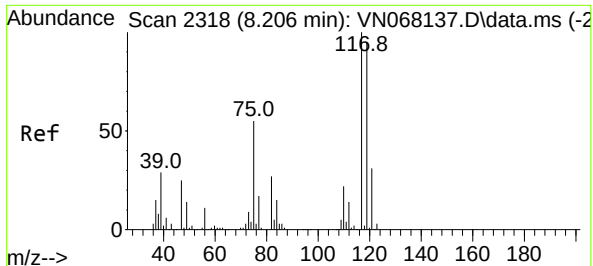
Tgt Ion:113 Resp: 235170
Ion Ratio Lower Upper
113 100
111 100.6 83.8 125.8
192 20.4 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 4.508 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068325.D
Acq: 26 Aug 2021 17:28

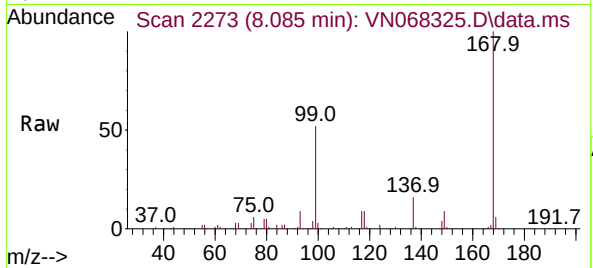
Tgt Ion: 75 Resp: 28765
Ion Ratio Lower Upper
75 100
110 5.3 15.7 47.0#
77 0.0 24.6 37.0#



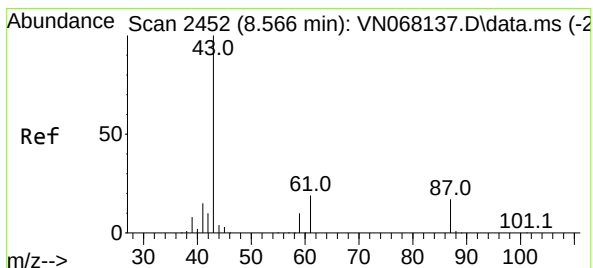
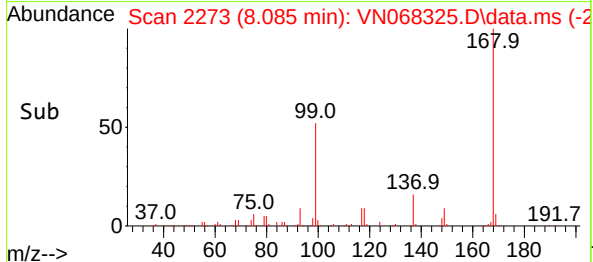
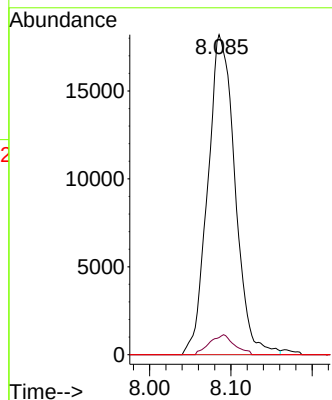


#38
Carbon Tetrachloride
Concen: 5.757 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN068325.D
Acq: 26 Aug 2021 17:28

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-TB-20210823RE

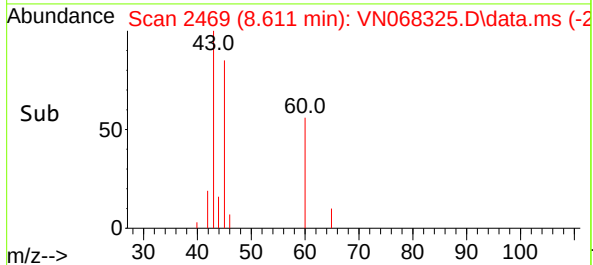
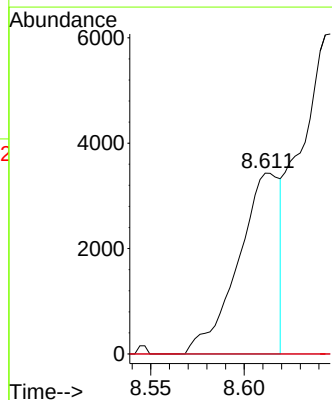
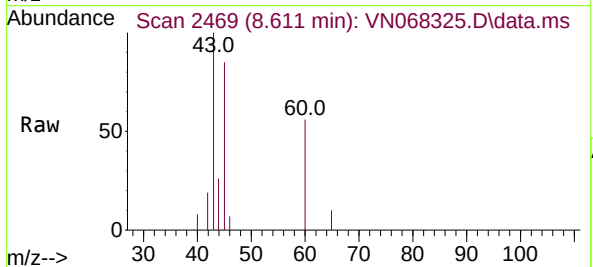


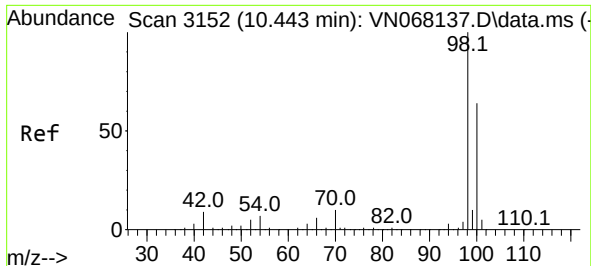
Tgt Ion:117 Resp: 42368
Ion Ratio Lower Upper
117 100
119 5.4 75.4 113.2#
121 0.0 23.5 35.3#



#43
Isopropyl Acetate
Concen: 0.616 ug/l
RT: 8.611 min Scan# 2469
Delta R.T. 0.045 min
Lab File: VN068325.D
Acq: 26 Aug 2021 17:28

Tgt Ion: 43 Resp: 5363
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

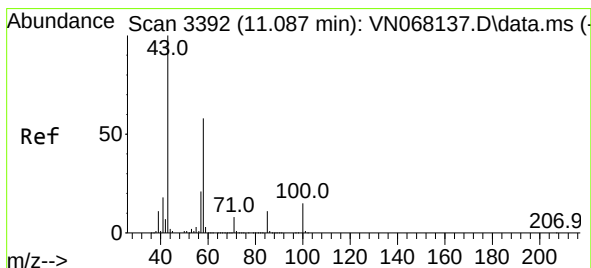
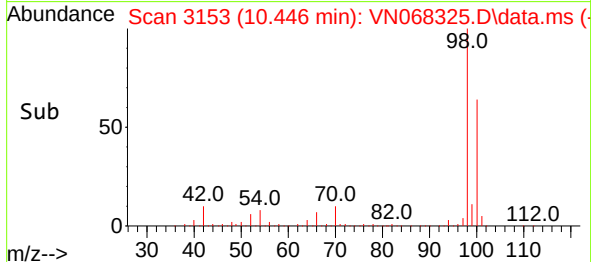
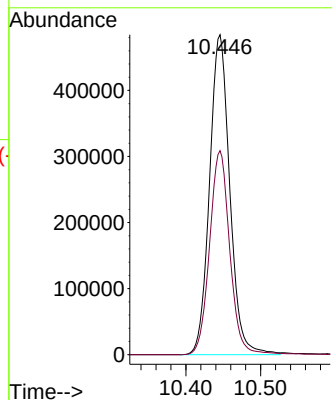
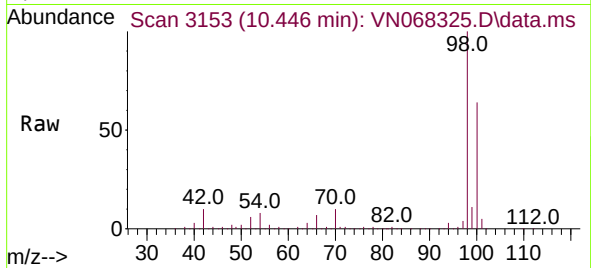




#50
Toluene-d8
Concen: 48.792 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068325.D
Acq: 26 Aug 2021 17:28

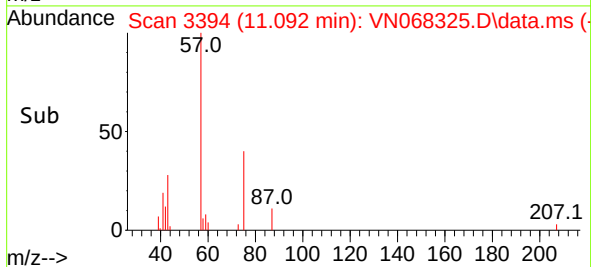
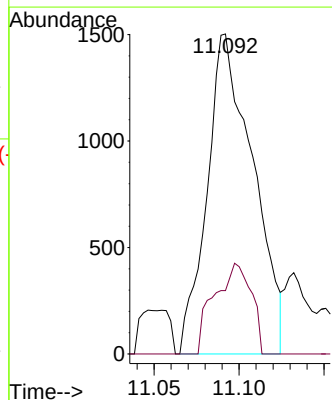
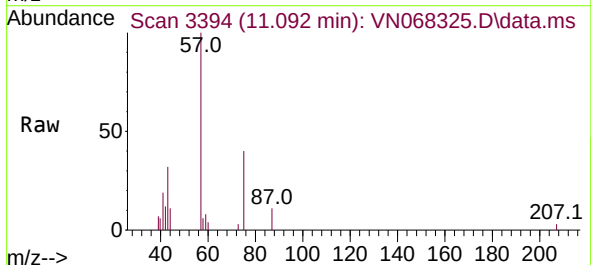
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-TB-20210823RE

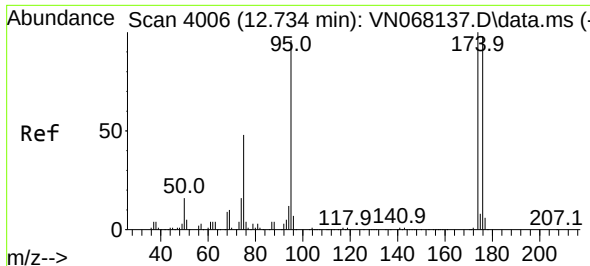
Tgt Ion: 98 Resp: 911020
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5



#59
2-Hexanone
Concen: 0.761 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068325.D
Acq: 26 Aug 2021 17:28

Tgt Ion: 43 Resp: 2825
Ion Ratio Lower Upper
43 100
58 22.7 24.7 74.1#

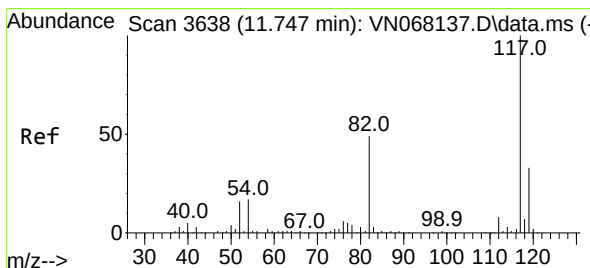
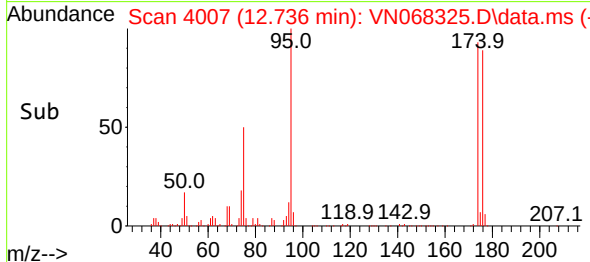
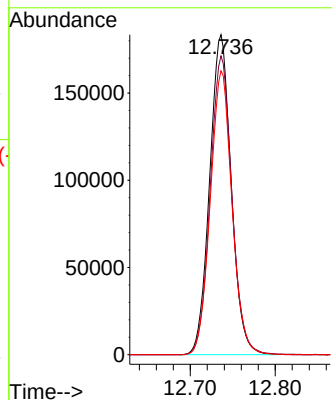
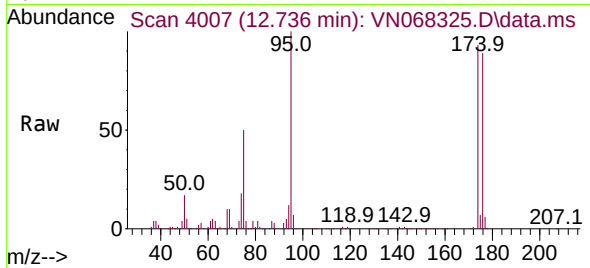




#62
4-Bromofluorobenzene
Concen: 52.021 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068325.D
Acq: 26 Aug 2021 17:28

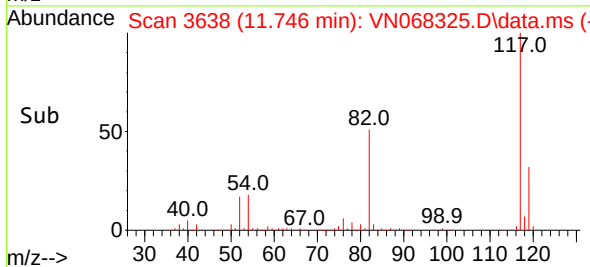
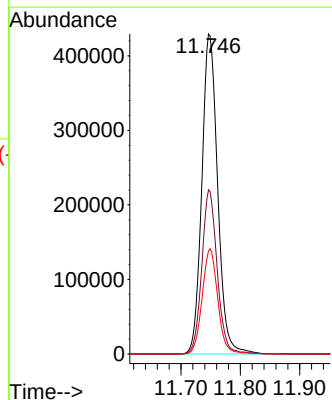
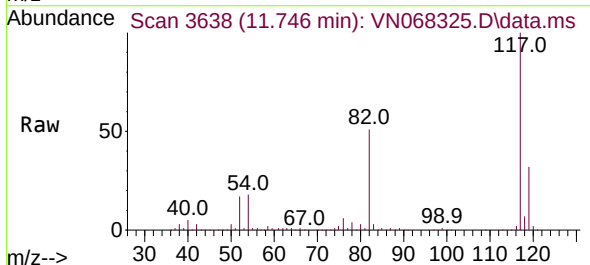
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-TB-20210823RE

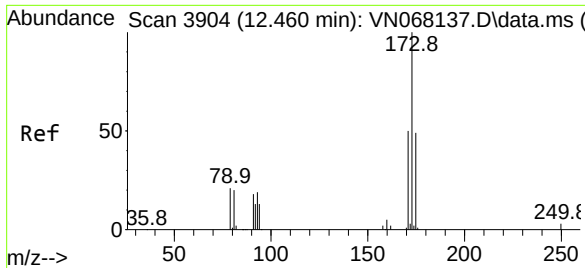
Tgt Ion: 95 Resp: 323343
Ion Ratio Lower Upper
95 100
174 94.1 0.0 122.0
176 89.2 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068325.D
Acq: 26 Aug 2021 17:28

Tgt Ion: 117 Resp: 796280
Ion Ratio Lower Upper
117 100
82 51.3 53.1 79.7#
119 32.2 25.5 38.3

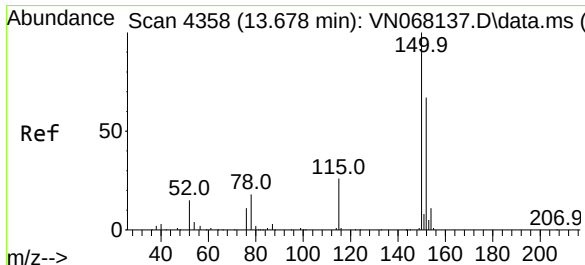
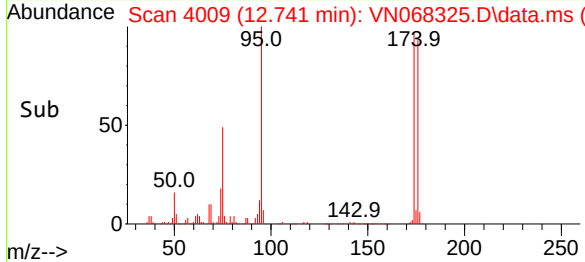
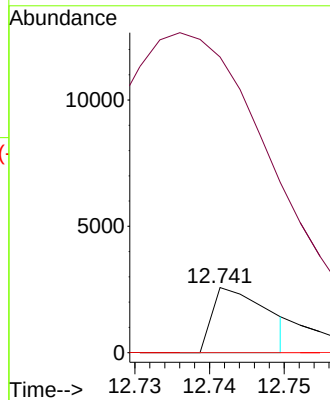
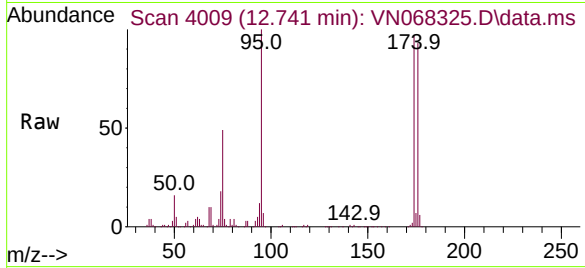




#71
Bromoform
Concen: 0.267 ug/l
RT: 12.741 min Scan# 4009
Delta R.T. 0.281 min
Lab File: VN068325.D
Acq: 26 Aug 2021 17:28

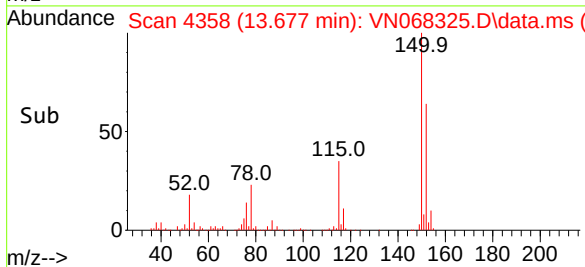
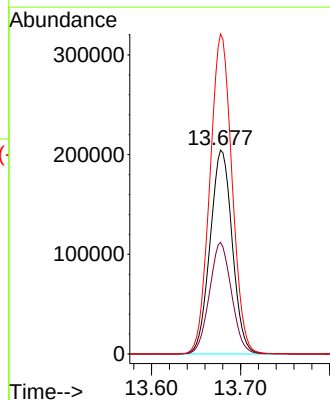
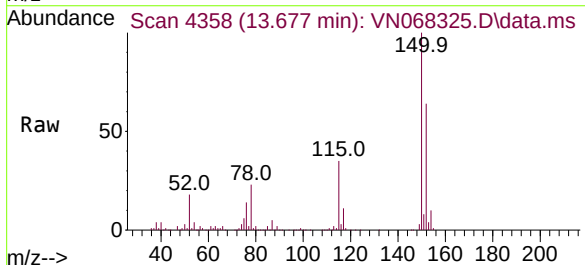
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-TB-20210823RE

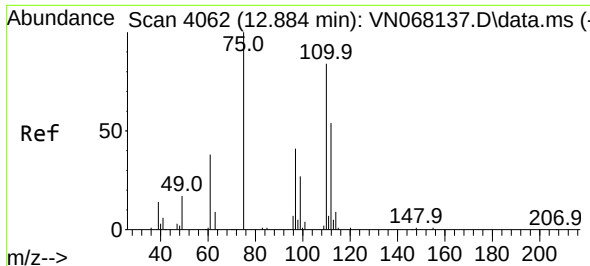
Tgt Ion:173 Resp: 1319
Ion Ratio Lower Upper
173 100
175 1538.8 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN068325.D
Acq: 26 Aug 2021 17:28

Tgt Ion:152 Resp: 353332
Ion Ratio Lower Upper
152 100
115 54.6 36.1 108.5
150 156.9 0.0 351.8

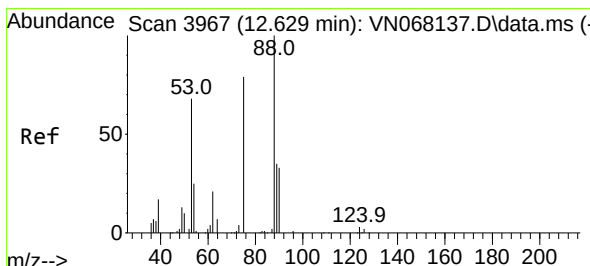
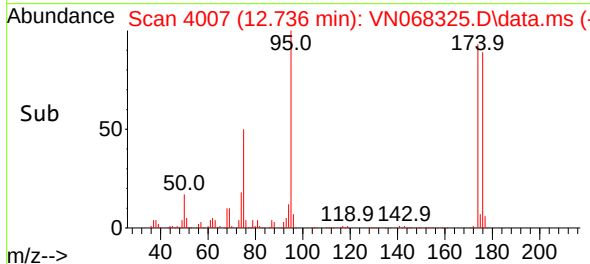
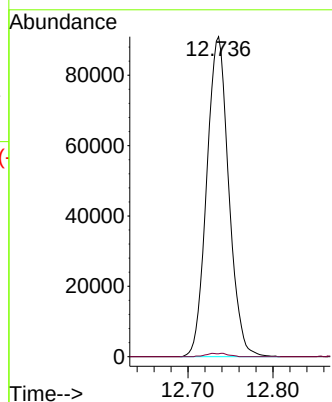
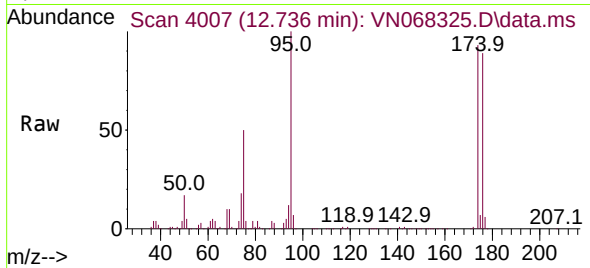




#76
1,2,3-Trichloropropane
Concen: 27.859 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN068325.D
Acq: 26 Aug 2021 17:28

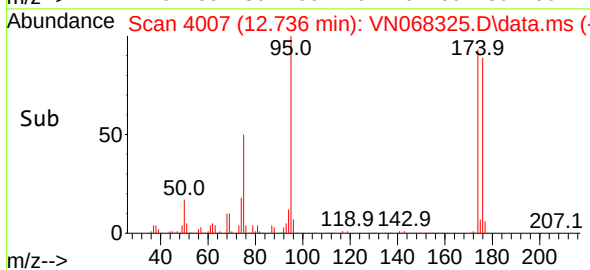
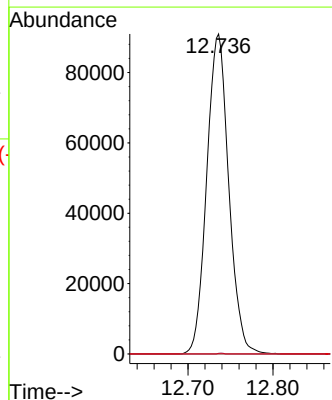
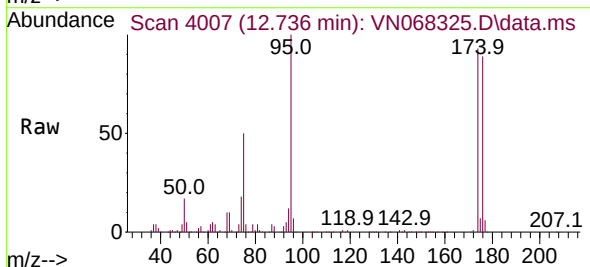
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-TB-20210823RE

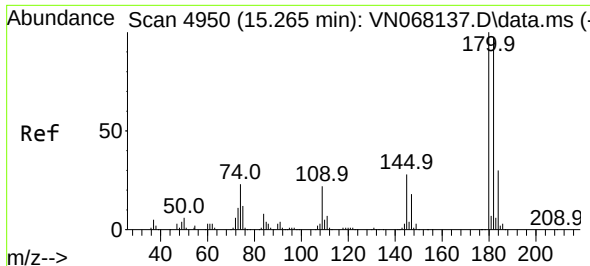
Tgt Ion: 75 Resp: 163607
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.270 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN068325.D
Acq: 26 Aug 2021 17:28

Tgt Ion: 75 Resp: 163607
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#

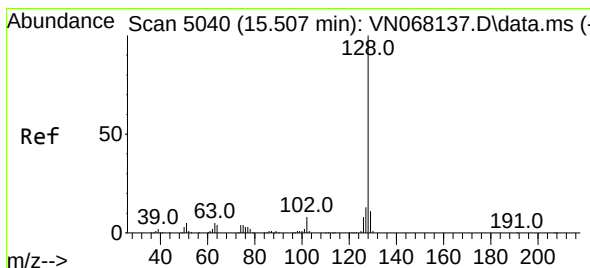
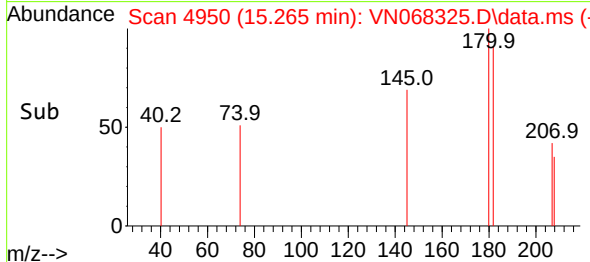
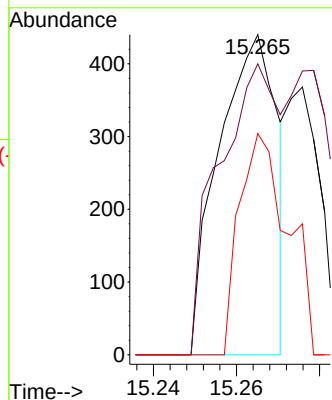
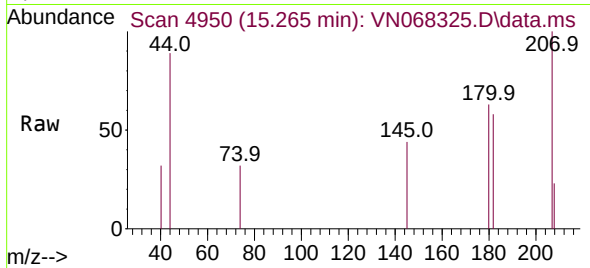




#93
1,2,4-Trichlorobenzene
Concen: 2.754 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068325.D
Acq: 26 Aug 2021 17:28

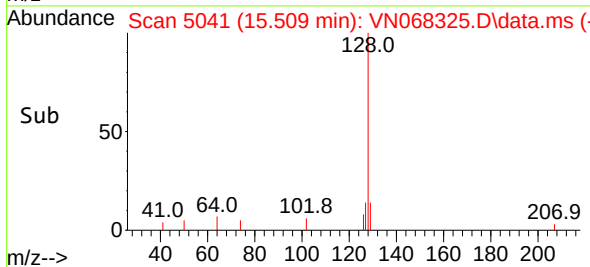
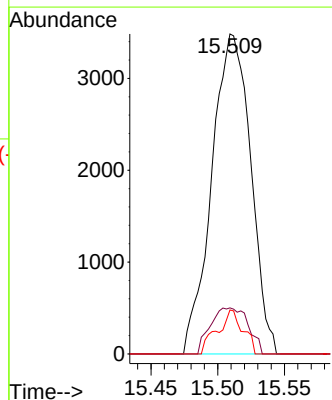
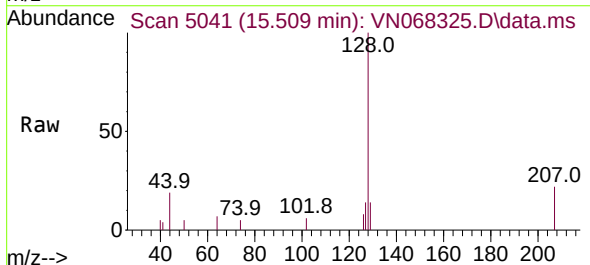
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-TB-20210823RE

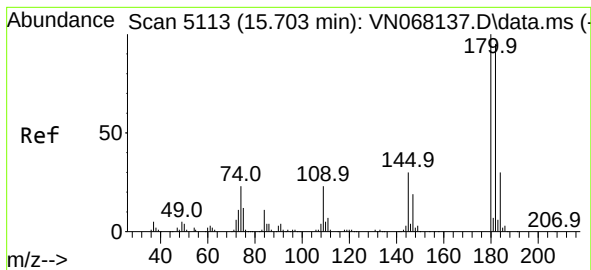
Tgt Ion:180 Resp: 427
Ion Ratio Lower Upper
180 100
182 94.4 47.5 142.5
145 57.6 17.2 51.6#



#95
Naphthalene
Concen: 3.820 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068325.D
Acq: 26 Aug 2021 17:28

Tgt Ion:128 Resp: 7063
Ion Ratio Lower Upper
128 100
127 13.9 10.6 15.8
129 9.0 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 2.961 ug/l
 RT: 15.708 min Scan# 5115
 Delta R.T. 0.005 min
 Lab File: VN068325.D
 Acq: 26 Aug 2021 17:28

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW7-TB-20210823RE

Tgt Ion:180 Resp: 768
 Ion Ratio Lower Upper
 180 100
 182 99.6 47.8 143.3
 145 0.0 18.2 54.6#

