

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092421\
 Data File : VN068642.D
 Acq On : 24 Sep 2021 16:36
 Operator : JC/MD
 Sample : M3911-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-RR-03-(SA)

Quant Time: Sep 24 17:21:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

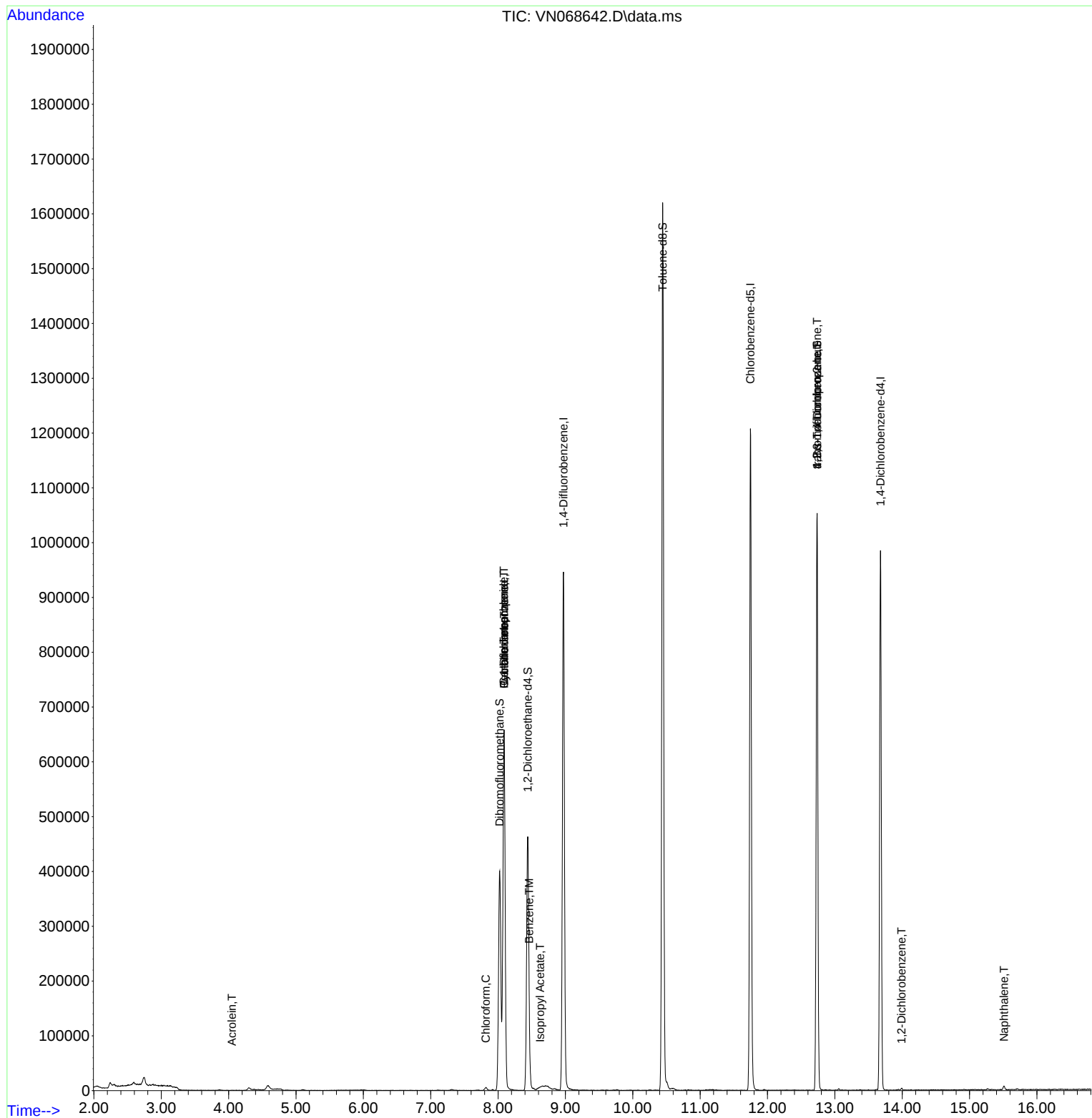
Internal Standards						
1) Pentafluorobenzene	8.091	168	504022	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	817217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	692974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	258657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	388085	49.328	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.660%		
35) Dibromofluoromethane	8.024	113	290473	53.151	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.300%		
50) Toluene-d8	10.443	98	1127656	48.654	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.300%		
62) 4-Bromofluorobenzene	12.736	95	346151	43.670	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.340%		
Target Compounds						
5) Bromomethane	2.864	94	501	Below Cal		90
6) Chloroethane	3.041	64	657	Below Cal	#	44
13) Acrolein	4.049	56	123	7.139	ug/l #	14
16) Acetone	4.299	43	8213	Below Cal	#	87
20) Methylene Chloride	5.098	84	307	Below Cal	#	38
30) Chloroform	7.817	83	4201	0.367	ug/l	99
31) Cyclohexane	8.091	56	11483	1.040	ug/l #	26
36) 1,1-Dichloropropene	8.088	75	40549	4.913	ug/l #	51
38) Carbon Tetrachloride	8.088	117	50535	5.928	ug/l #	17
40) Benzene	8.461	78	15029	0.620	ug/l	92
43) Isopropyl Acetate	8.625	43	5739	0.358	ug/l #	58
76) 1,2,3-Trichloropropane	12.736	75	193538	30.262	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	193538	85.481	ug/l #	6
91) 1,2-Dichlorobenzene	13.989	146	1794	0.205	ug/l #	82
95) Naphthalene	15.509	128	6690	2.117	ug/l #	96

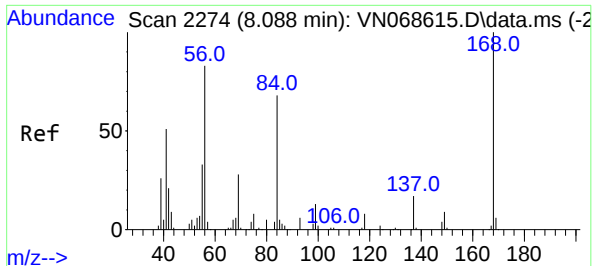
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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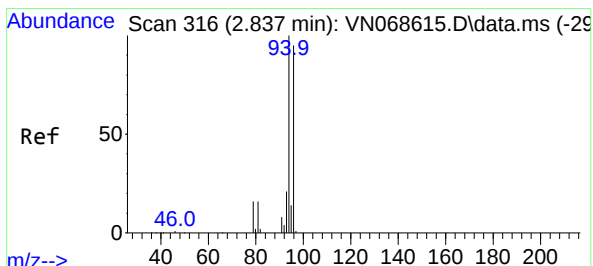
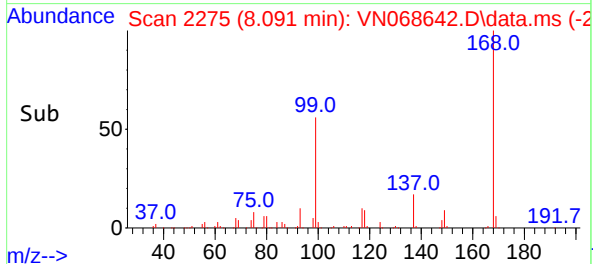
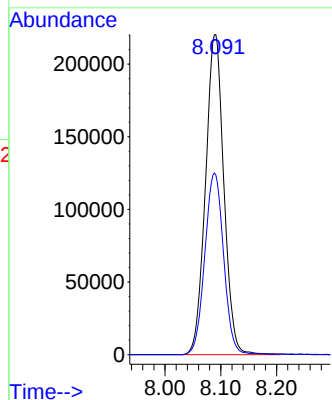
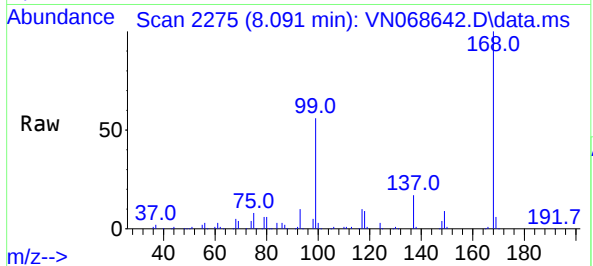




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VN068642.D
Acq: 24 Sep 2021 16:36

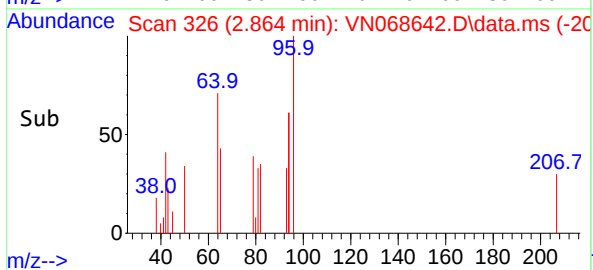
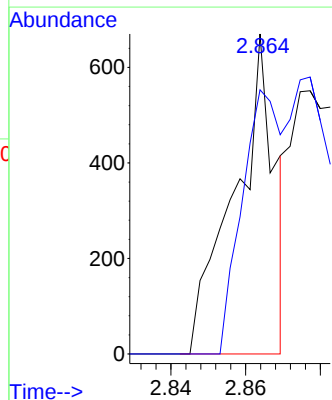
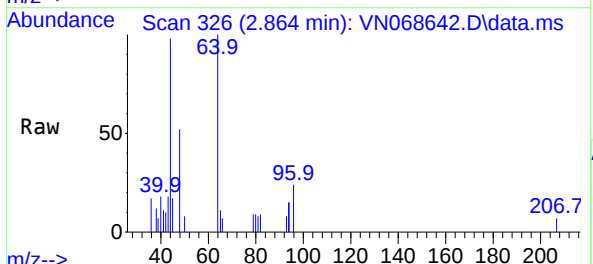
Instrument :
MSVOA_N
ClientSampleId :
SW-RR-03-(SA)

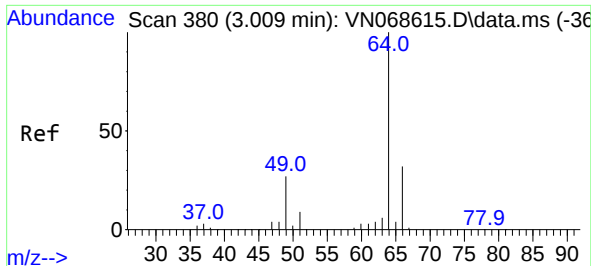
Tgt Ion:168 Resp: 504022
Ion Ratio Lower Upper
168 100
99 56.1 62.9 94.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.864 min Scan# 326
Delta R.T. 0.027 min
Lab File: VN068642.D
Acq: 24 Sep 2021 16:36

Tgt Ion: 94 Resp: 501
Ion Ratio Lower Upper
94 100
96 82.5 73.7 110.5

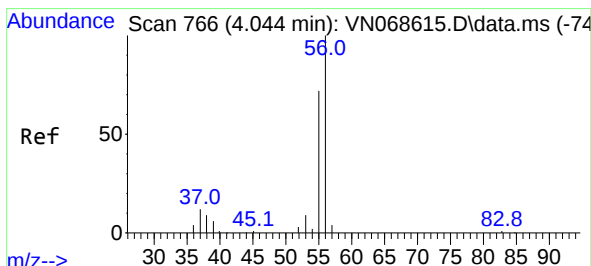
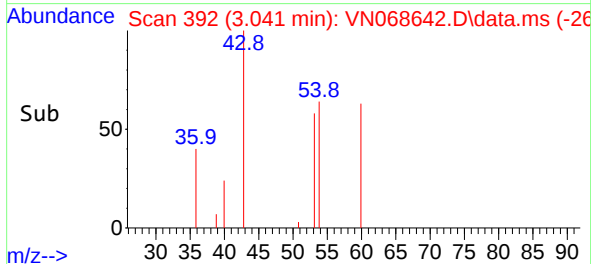
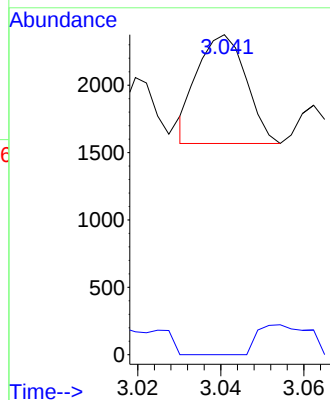
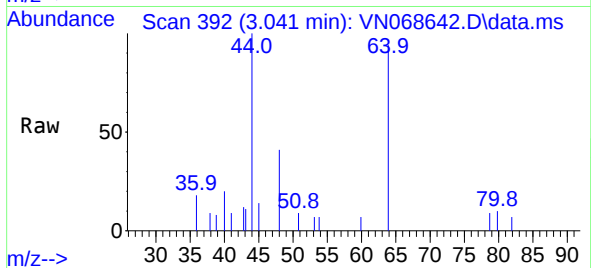




#6
Chloroethane
Concen: Below Cal
RT: 3.041 min Scan# 392
Delta R.T. 0.032 min
Lab File: VN068642.D
Acq: 24 Sep 2021 16:36

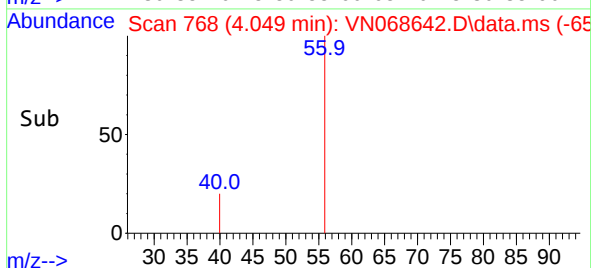
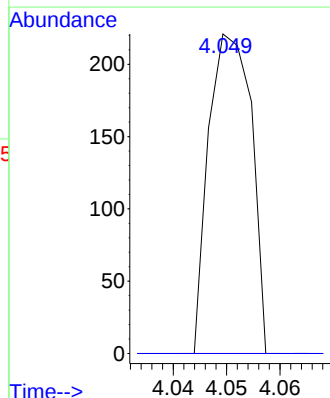
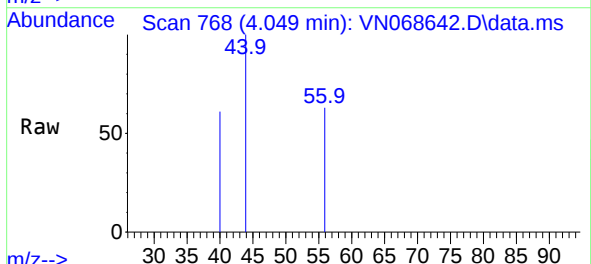
Instrument :
MSVOA_N
ClientSampleId :
SW-RR-03-(SA)

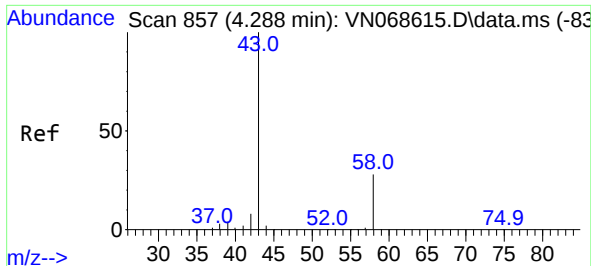
Tgt Ion: 64 Resp: 657
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: 7.139 ug/l
RT: 4.049 min Scan# 768
Delta R.T. 0.005 min
Lab File: VN068642.D
Acq: 24 Sep 2021 16:36

Tgt Ion: 56 Resp: 123
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#

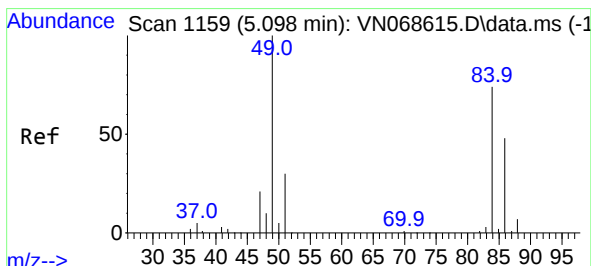
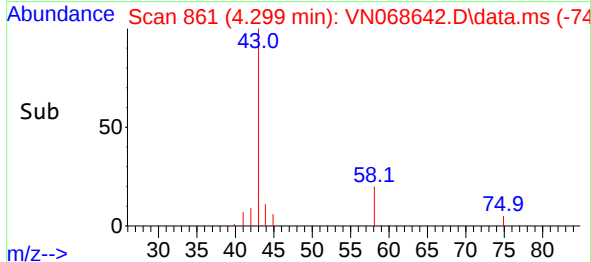
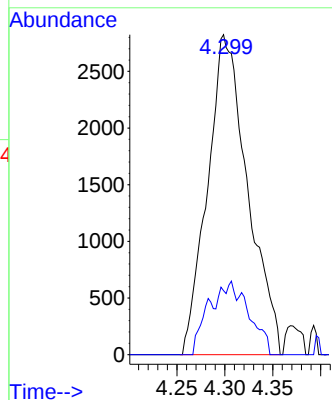
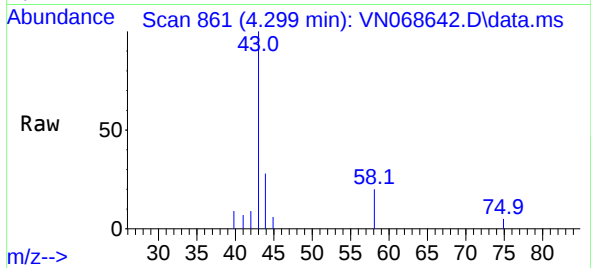




#16
Acetone
Concen: Below Cal
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN068642.D
Acq: 24 Sep 2021 16:36

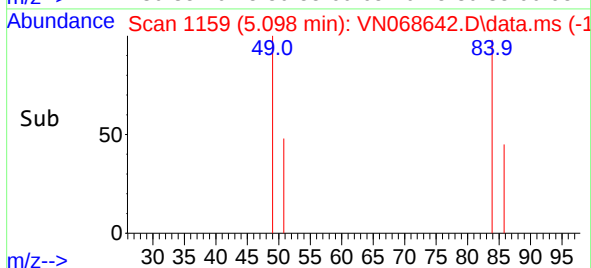
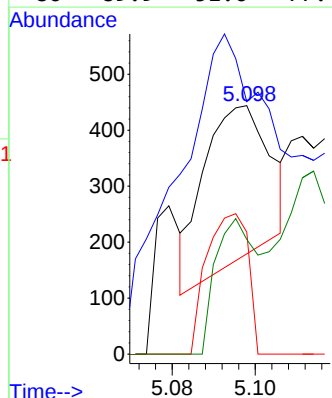
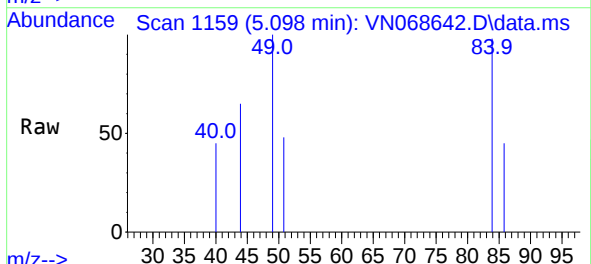
Instrument :
MSVOA_N
ClientSampled :
SW-RR-03-(SA)

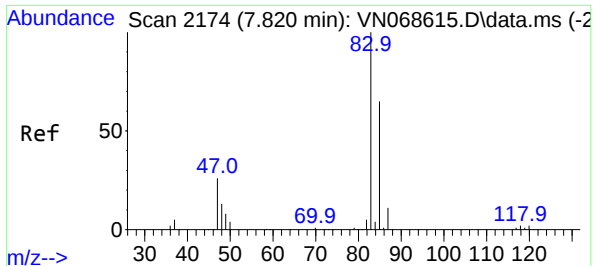
Tgt Ion: 43 Resp: 8213
Ion Ratio Lower Upper
43 100
58 20.0 21.2 31.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.098 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VN068642.D
Acq: 24 Sep 2021 16:36

Tgt Ion: 84 Resp: 307
Ion Ratio Lower Upper
84 100
49 57.0 110.9 166.3#
51 95.6 32.6 49.0#
86 89.9 51.6 77.4#





#30

Chloroform

Concen: 0.367 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN068642.D

Acq: 24 Sep 2021 16:36

Tgt Ion: 83 Resp: 4201

Ion Ratio Lower Upper

83 100

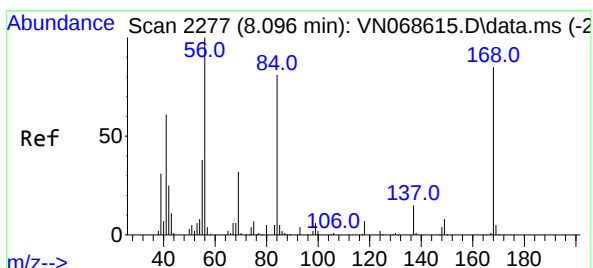
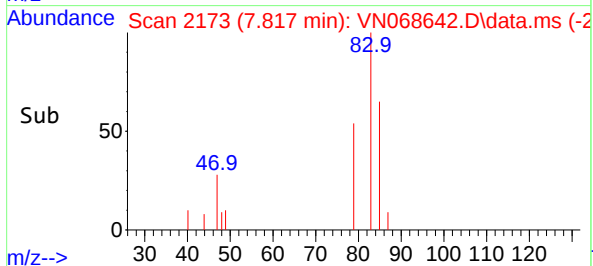
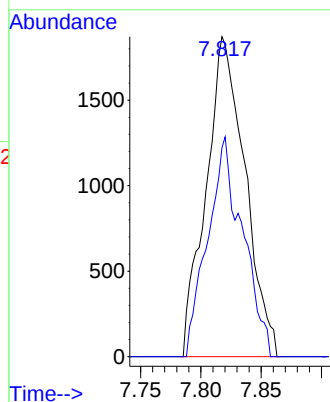
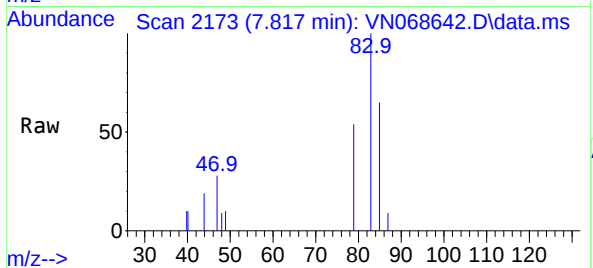
85 65.3 51.5 77.3

Instrument :

MSVOA_N

ClientSampleId :

SW-RR-03-(SA)



#31

Cyclohexane

Concen: 1.040 ug/l

RT: 8.091 min Scan# 2275

Delta R.T. -0.005 min

Lab File: VN068642.D

Acq: 24 Sep 2021 16:36

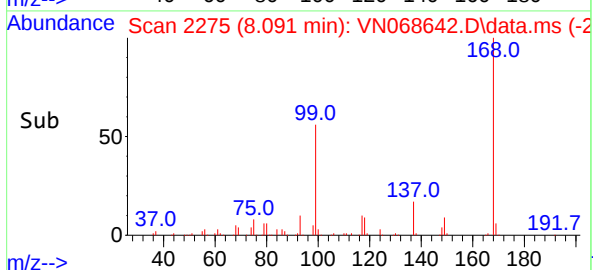
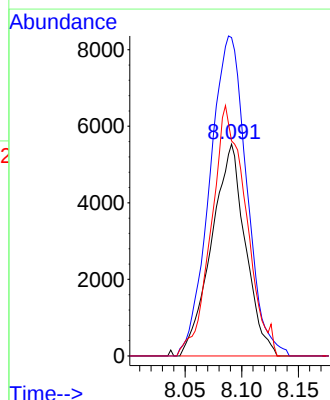
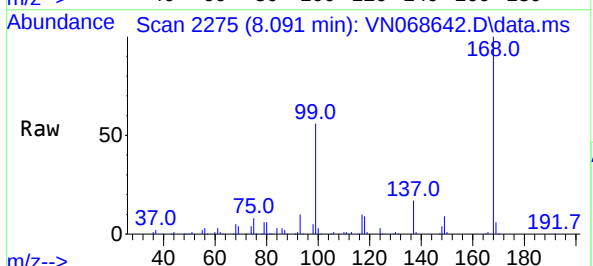
Tgt Ion: 56 Resp: 11483

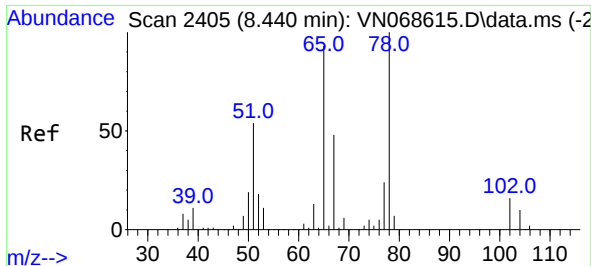
Ion Ratio Lower Upper

56 100

69 146.9 27.3 40.9#

84 101.5 64.9 97.3#

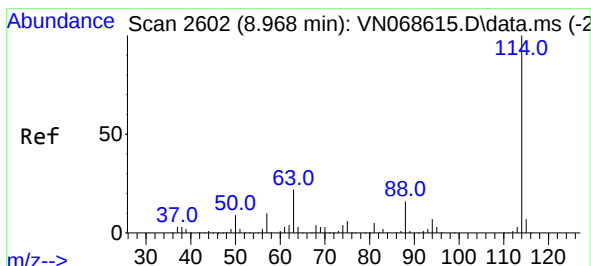
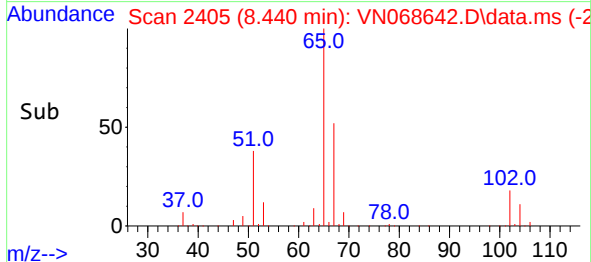
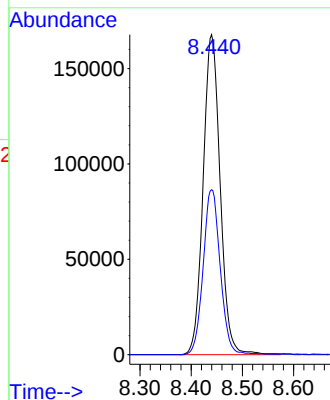
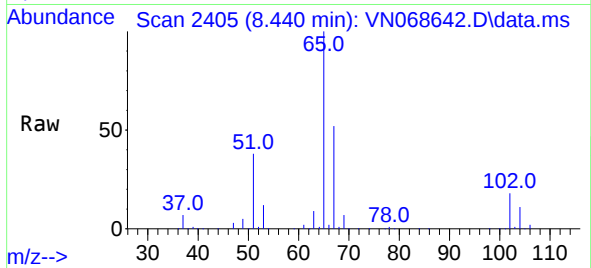




#33
1,2-Dichloroethane-d4
Concen: 49.328 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068642.D
Acq: 24 Sep 2021 16:36

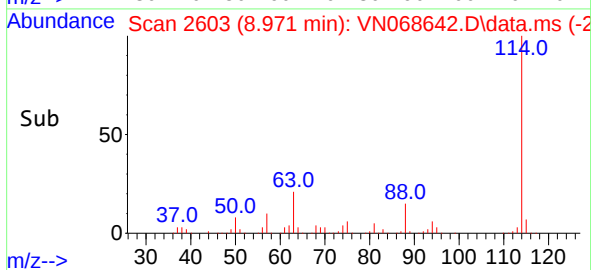
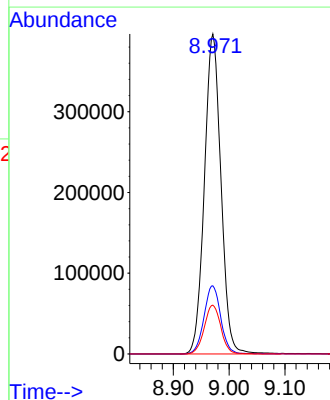
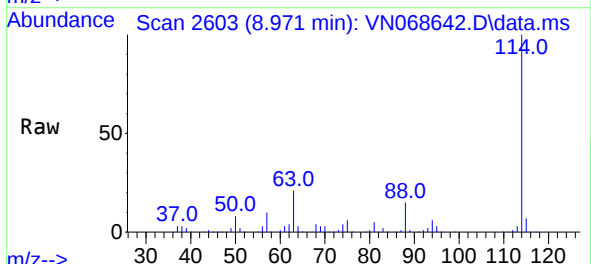
Instrument :
MSVOA_N
ClientSampleId :
SW-RR-03-(SA)

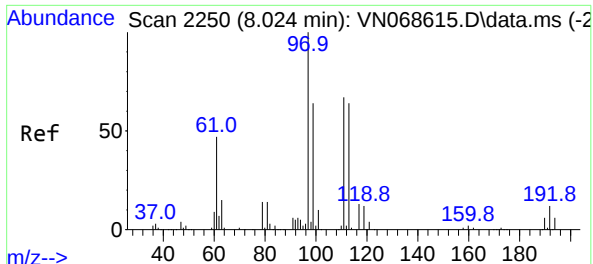
Tgt Ion: 65 Resp: 388085
Ion Ratio Lower Upper
65 100
67 51.5 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068642.D
Acq: 24 Sep 2021 16:36

Tgt Ion: 114 Resp: 817217
Ion Ratio Lower Upper
114 100
63 21.3 0.0 49.0
88 15.2 0.0 36.6

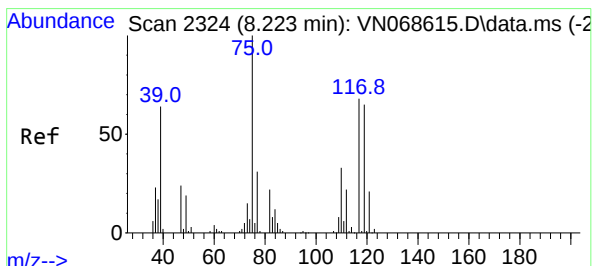
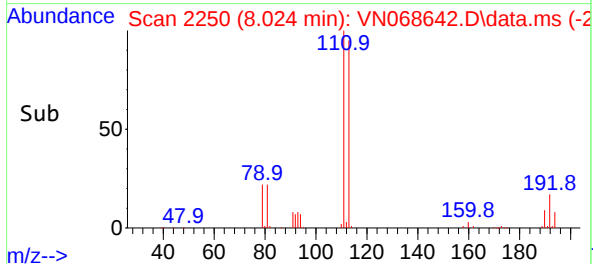
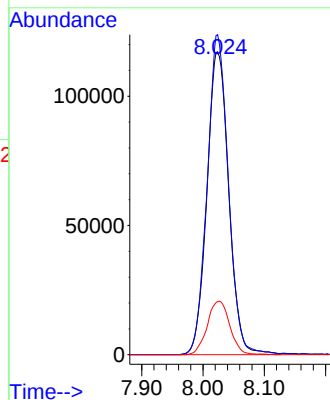
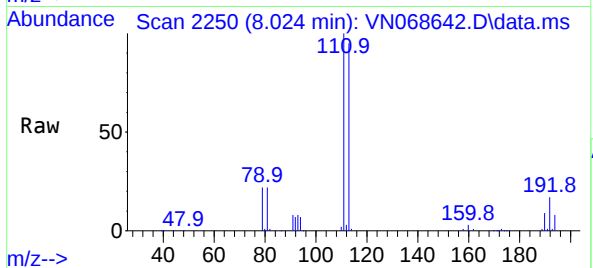




#35
Dibromofluoromethane
Concen: 53.151 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068642.D
Acq: 24 Sep 2021 16:36

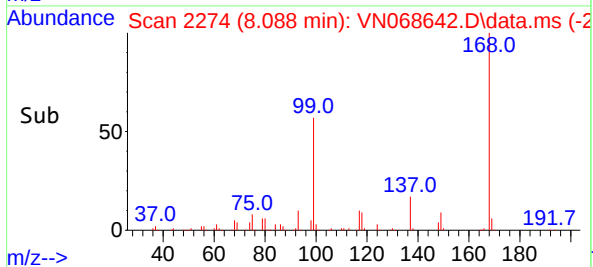
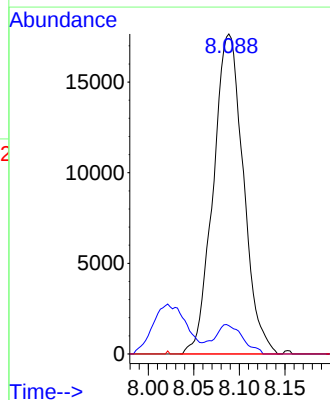
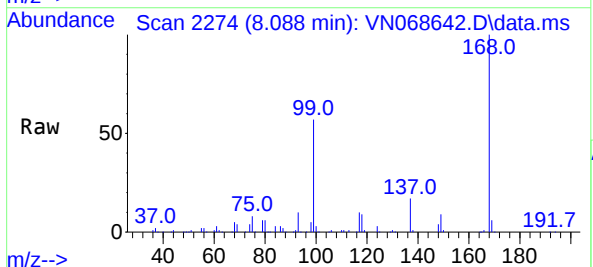
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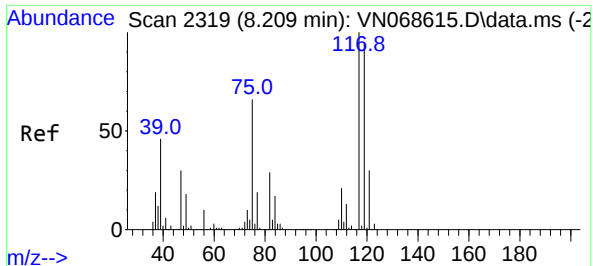
Tgt Ion:113 Resp: 290473
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.8
192 18.2 13.4 20.0



#36
1,1-Dichloropropene
Concen: 4.913 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068642.D
Acq: 24 Sep 2021 16:36

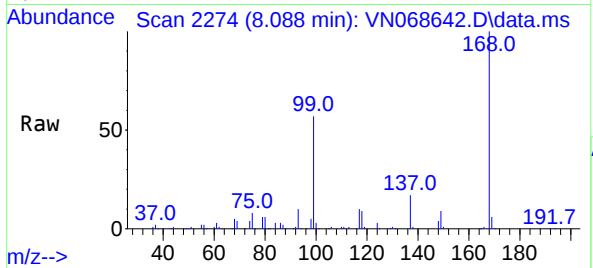
Tgt Ion: 75 Resp: 40549
Ion Ratio Lower Upper
75 100
110 7.7 15.7 47.0#
77 0.0 24.6 37.0#



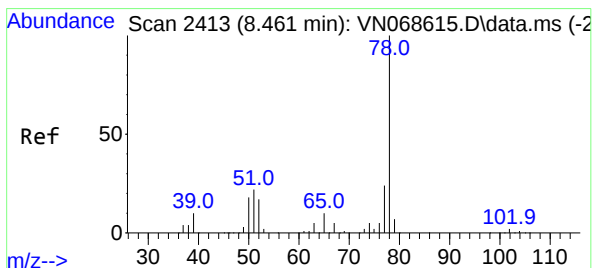
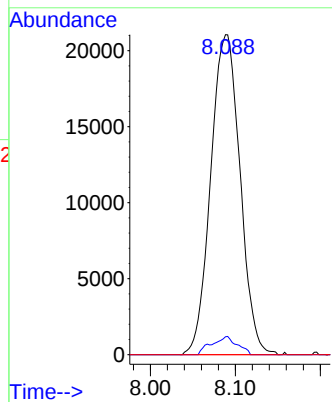
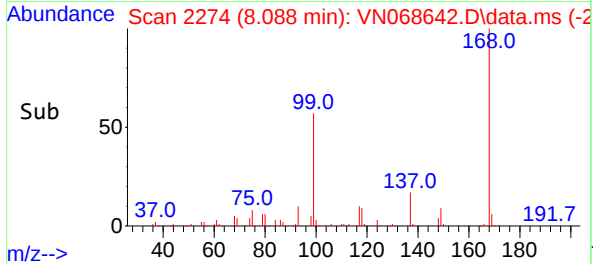


#38
Carbon Tetrachloride
Concen: 5.928 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068642.D
Acq: 24 Sep 2021 16:36

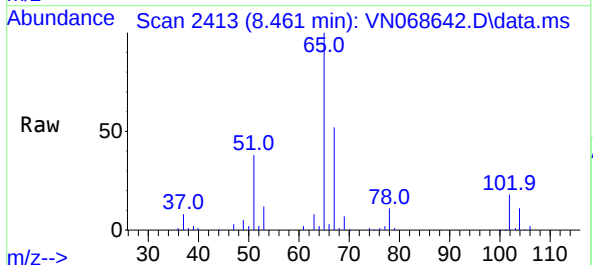
Instrument :
MSVOA_N
ClientSampleId :
SW-RR-03-(SA)



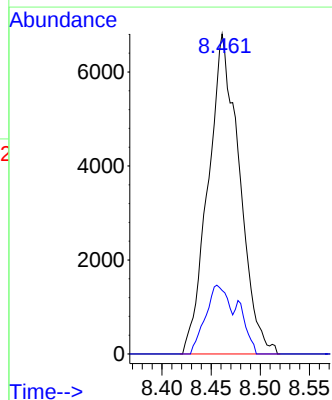
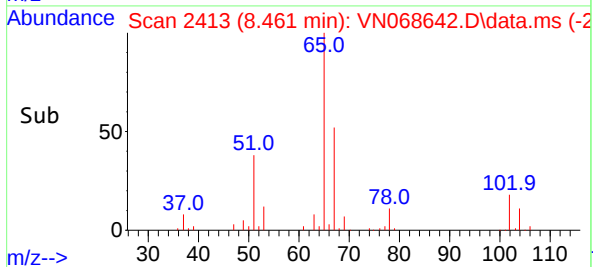
Tgt Ion:117 Resp: 50535
Ion Ratio Lower Upper
117 100
119 5.6 75.4 113.2#
121 0.0 23.5 35.3#

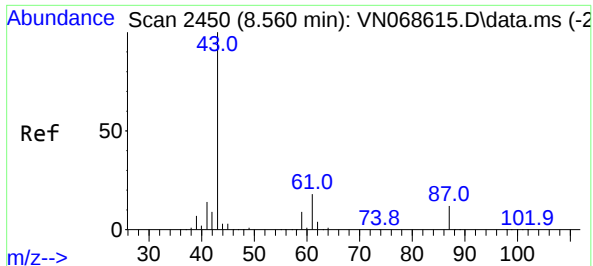


#40
Benzene
Concen: 0.620 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068642.D
Acq: 24 Sep 2021 16:36



Tgt Ion: 78 Resp: 15029
Ion Ratio Lower Upper
78 100
77 19.9 18.9 28.3



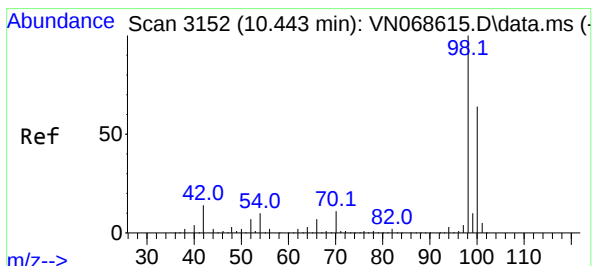
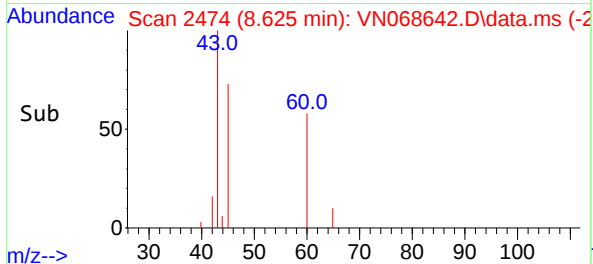
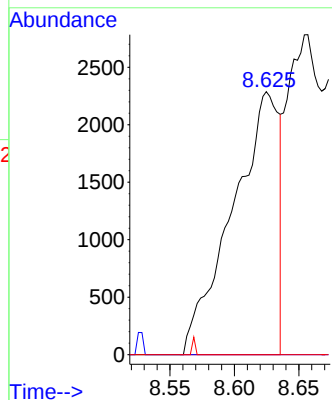
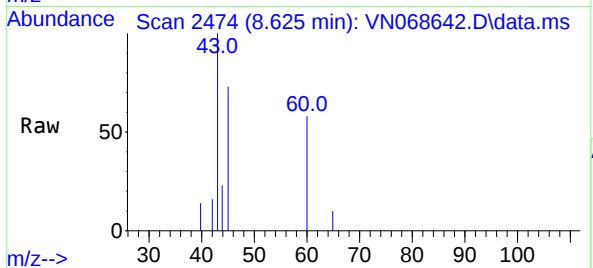


#43

Isopropyl Acetate
Concen: 0.358 ug/l
RT: 8.625 min Scan# 2474
Delta R.T. 0.065 min
Lab File: VN068642.D
Acq: 24 Sep 2021 16:36

Instrument :
MSVOA_N
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SW-RR-03-(SA)

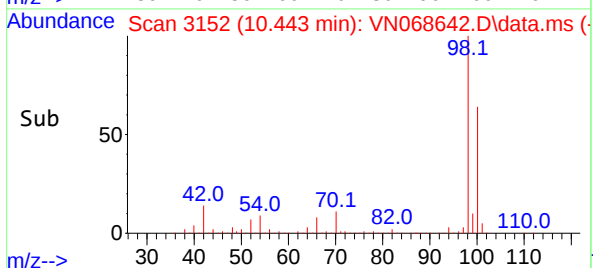
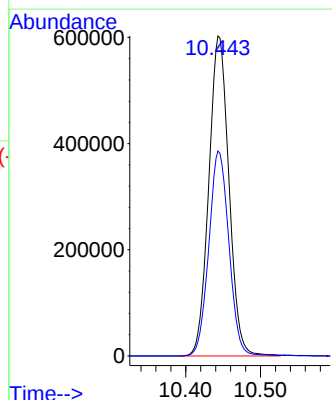
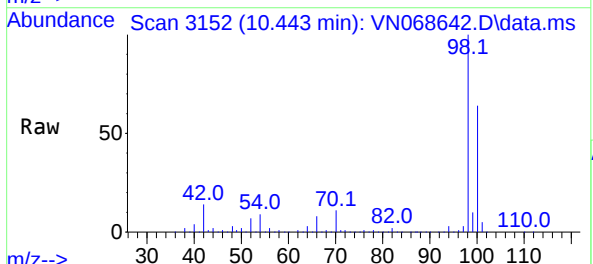
Tgt Ion: 43 Resp: 5739
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

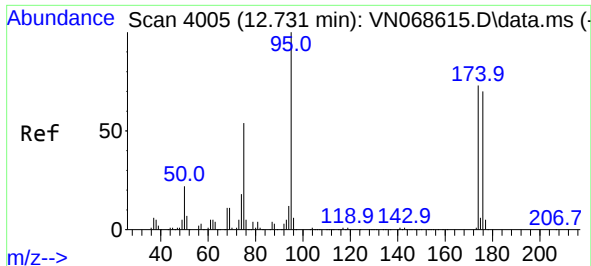


#50

Toluene-d8
Concen: 48.654 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068642.D
Acq: 24 Sep 2021 16:36

Tgt Ion: 98 Resp: 1127656
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5

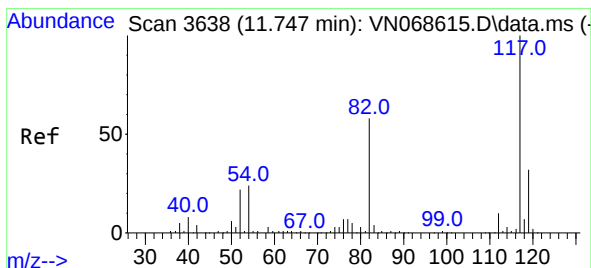
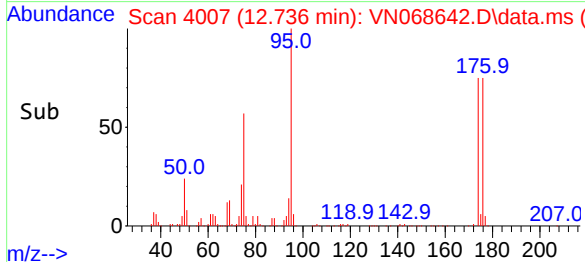
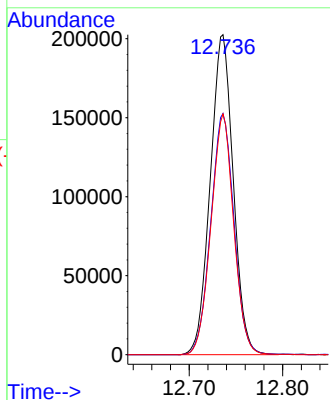
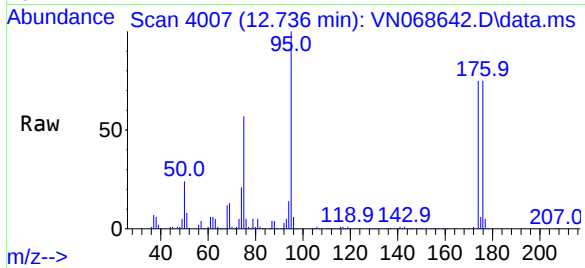




#62
4-Bromofluorobenzene
Concen: 43.670 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.005 min
Lab File: VN068642.D
Acq: 24 Sep 2021 16:36

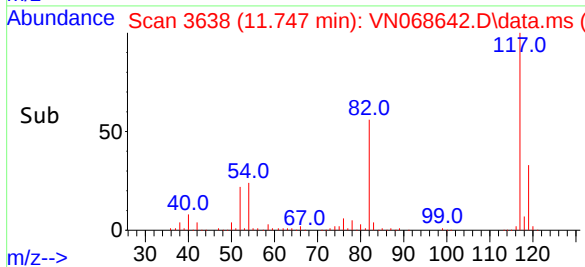
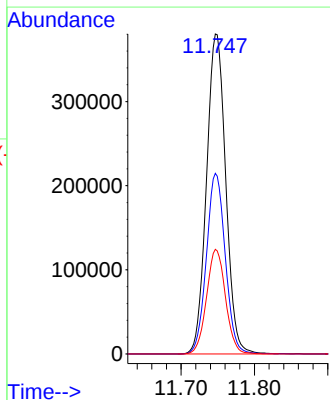
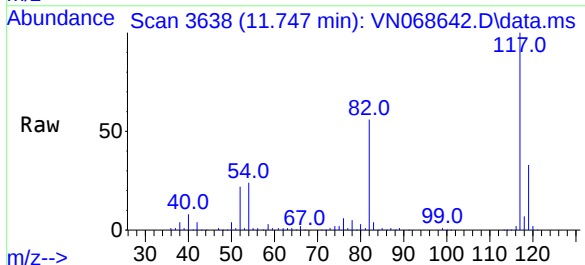
Instrument :
MSVOA_N
ClientSampleId :
SW-RR-03-(SA)

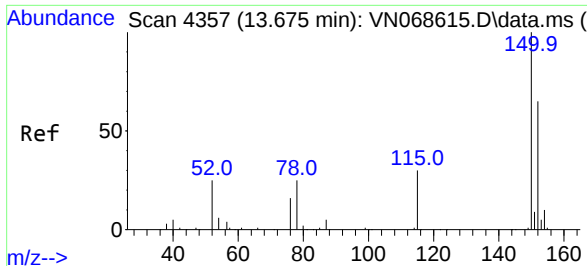
Tgt Ion: 95 Resp: 346151
Ion Ratio Lower Upper
95 100
174 76.4 0.0 122.0
176 74.6 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068642.D
Acq: 24 Sep 2021 16:36

Tgt Ion: 117 Resp: 692974
Ion Ratio Lower Upper
117 100
82 56.5 53.1 79.7
119 32.7 25.5 38.3

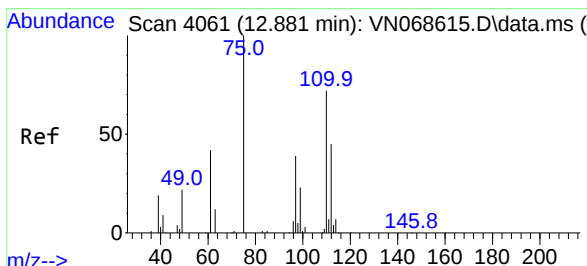
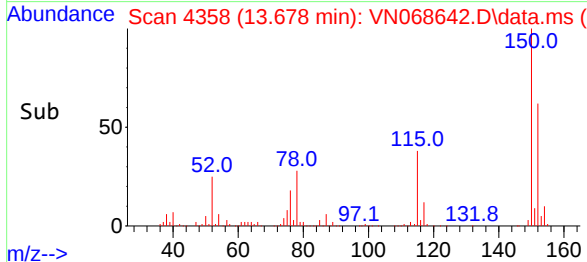
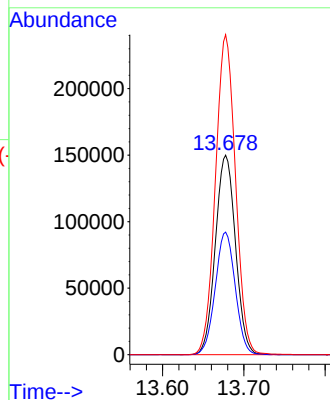
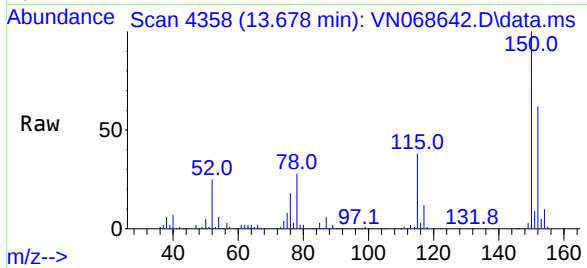




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068642.D
Acq: 24 Sep 2021 16:36

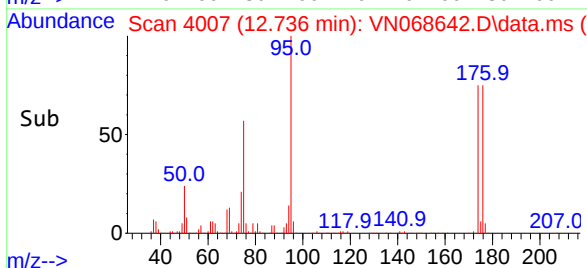
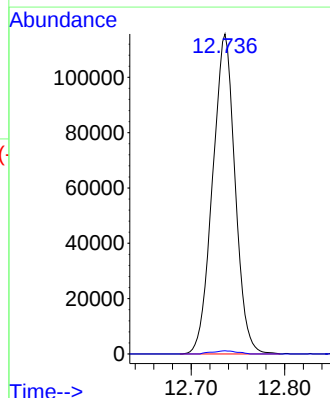
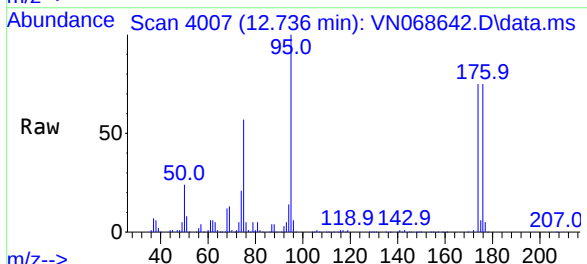
Instrument :
MSVOA_N
ClientSampleId :
SW-RR-03-(SA)

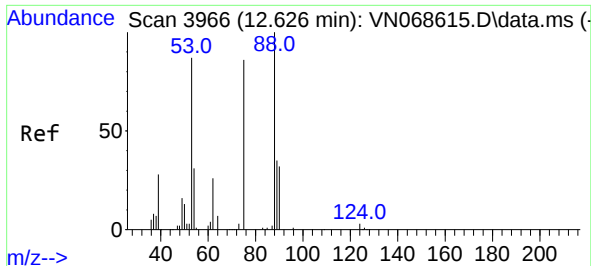
Tgt Ion:152 Resp: 258657
Ion Ratio Lower Upper
152 100
115 60.9 36.1 108.5
150 159.4 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 30.262 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.145 min
Lab File: VN068642.D
Acq: 24 Sep 2021 16:36

Tgt Ion: 75 Resp: 193538
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

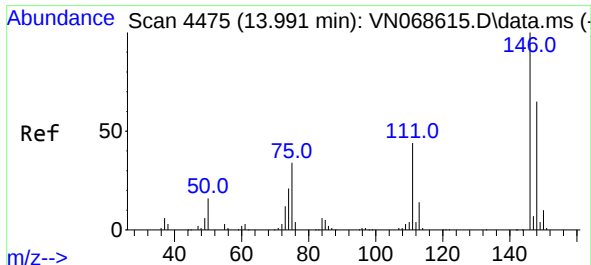
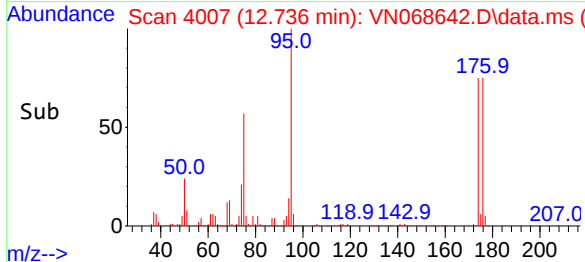
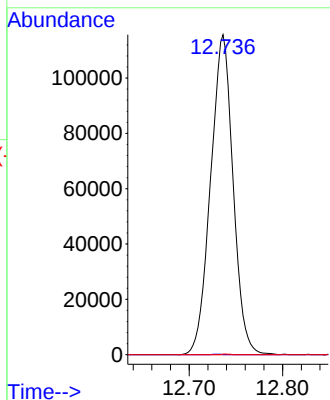
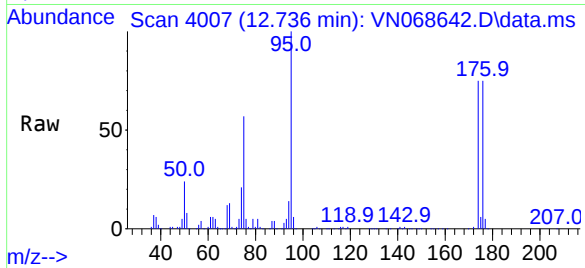




#81
trans-1,4-Dichloro-2-butene
Concen: 85.481 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.110 min
Lab File: VN068642.D
Acq: 24 Sep 2021 16:36

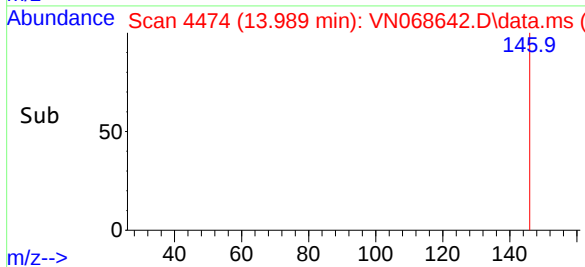
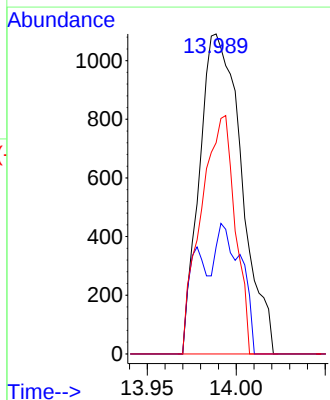
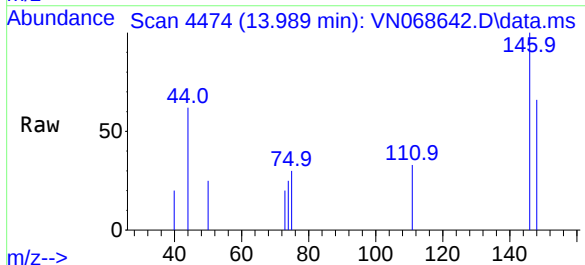
Instrument :
MSVOA_N
ClientSampleId :
SW-RR-03-(SA)

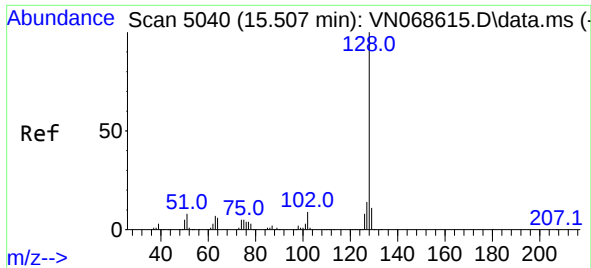
Tgt Ion: 75 Resp: 193538
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.1 37.8 56.8#



#91
1,2-Dichlorobenzene
Concen: 0.205 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN068642.D
Acq: 24 Sep 2021 16:36

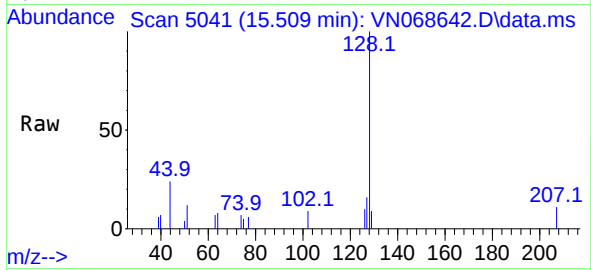
Tgt Ion:146 Resp: 1794
Ion Ratio Lower Upper
146 100
111 24.6 24.9 74.6#
148 60.3 31.6 95.0





#95
Naphthalene
Concen: 2.117 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068642.D
Acq: 24 Sep 2021 16:36

Instrument :
MSVOA_N
ClientSampleId :
SW-RR-03-(SA)



Tgt Ion:128 Resp: 6690
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 7.7 8.6 12.8#

