

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050922\
 Data File : VN072382.D
 Acq On : 09 May 2022 17:46
 Operator : JC\MD
 Sample : N2740-04RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: May 10 06:47:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

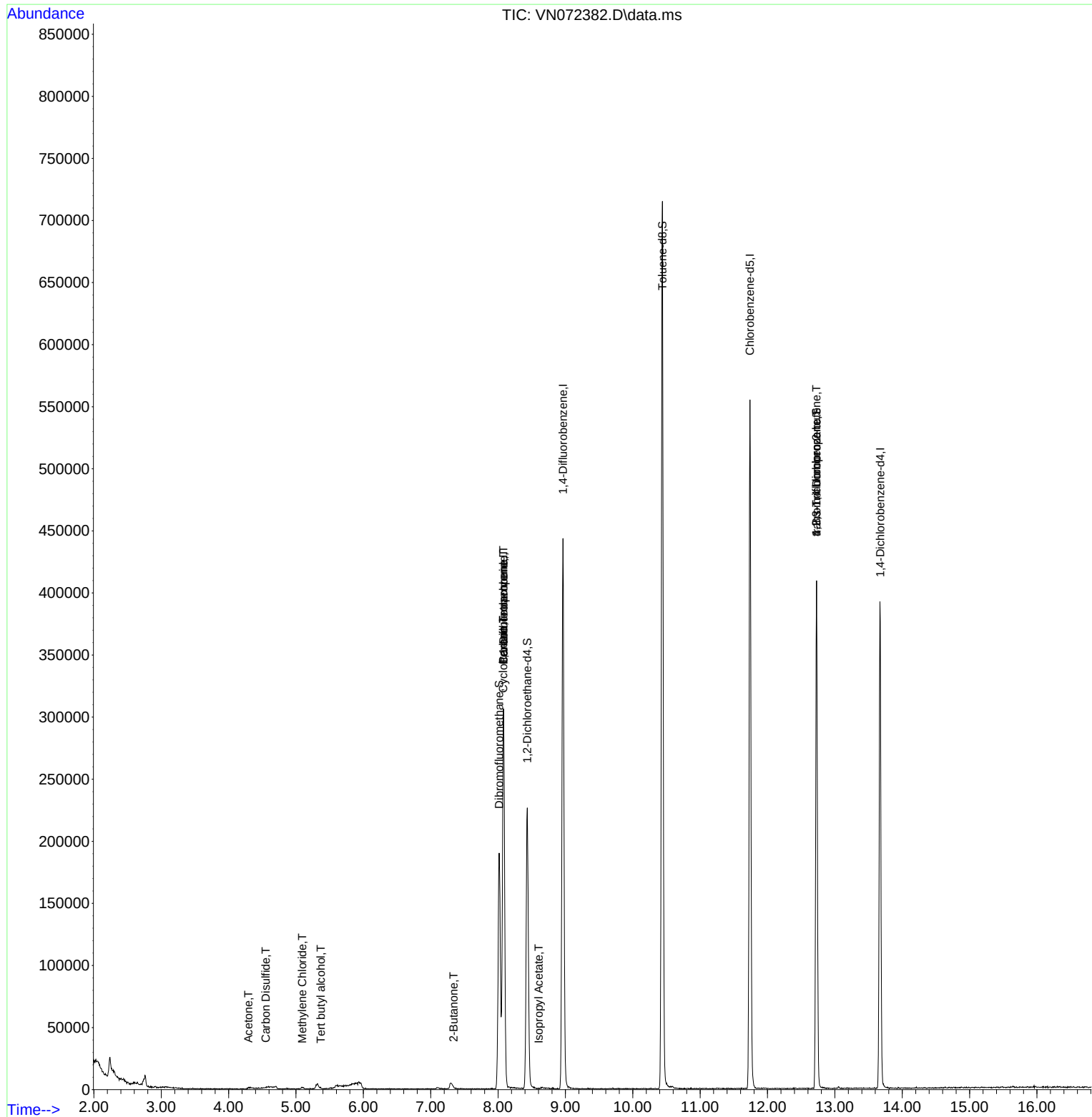
Internal Standards						
1) Pentafluorobenzene	8.081	168	229547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	376903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	324426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	110296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	192917	54.743	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 109.480%		
35) Dibromofluoromethane	8.016	113	140715	58.330	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 116.660%		
50) Toluene-d8	10.439	98	490731	51.769	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 103.540%		
62) 4-Bromofluorobenzene	12.727	95	147057	46.739	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 93.480%		
Target Compounds						Qvalue
3) Chloromethane	2.304	50	852	Below Cal	#	43
5) Bromomethane	2.840	94	120	Below Cal	#	2
6) Chloroethane	3.004	64	217	Below Cal	#	42
11) Tert butyl alcohol	5.369	59	499	0.862	ug/l #	72
16) Acetone	4.293	43	719	0.473	ug/l #	42
17) Carbon Disulfide	4.551	76	66	0.376	ug/l #	75
20) Methylene Chloride	5.092	84	1056	0.363	ug/l #	47
25) 2-Butanone	7.339	43	1359	0.562	ug/l #	45
31) Cyclohexane	8.075	56	4875	1.035	ug/l #	40
36) 1,1-Dichloropropene	8.081	75	18212	5.187	ug/l #	48
38) Carbon Tetrachloride	8.081	117	23562	6.265	ug/l #	17
43) Isopropyl Acetate	8.604	43	158	0.822	ug/l #	53
76) 1,2,3-Trichloropropane	12.727	75	75871	30.622	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	75871	79.538	ug/l #	10

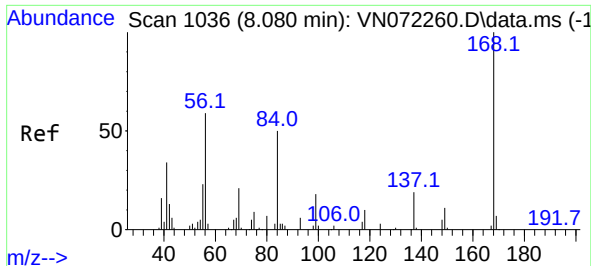
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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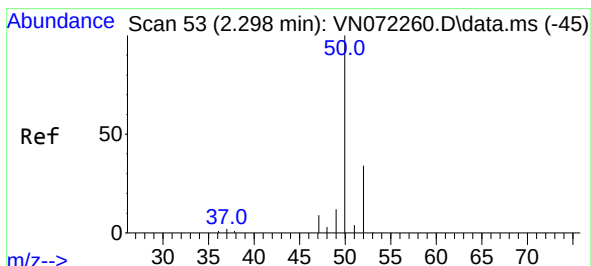
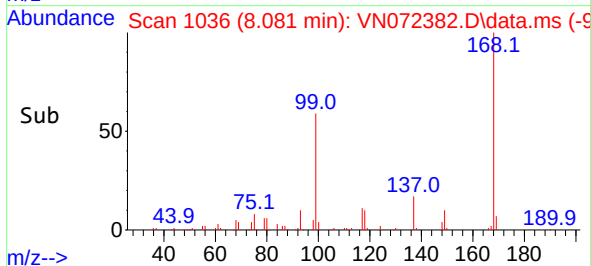
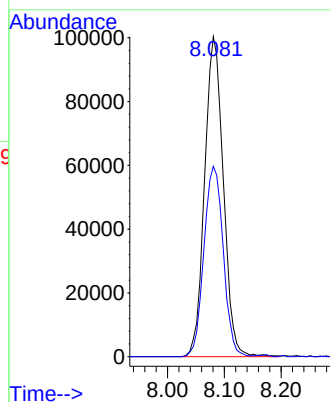
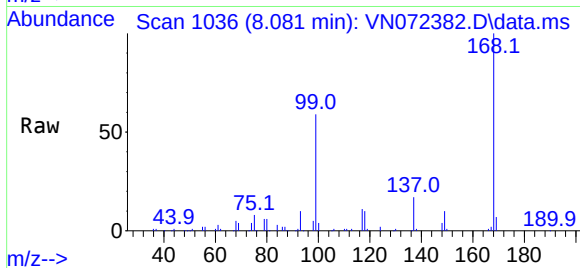




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072382.D
Acq: 09 May 2022 17:46

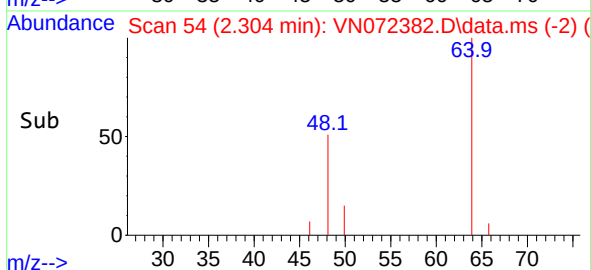
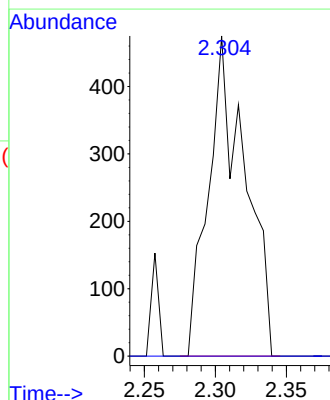
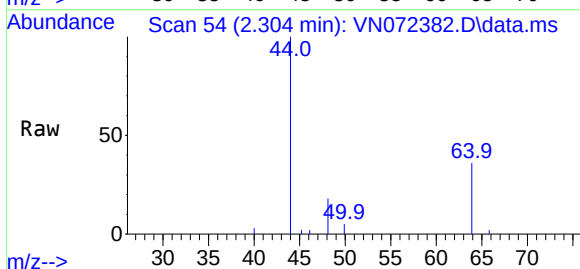
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

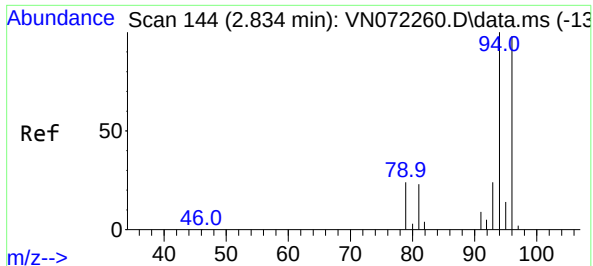
Tgt Ion:168 Resp: 229547
Ion Ratio Lower Upper
168 100
99 59.5 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072382.D
Acq: 09 May 2022 17:46

Tgt Ion: 50 Resp: 852
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

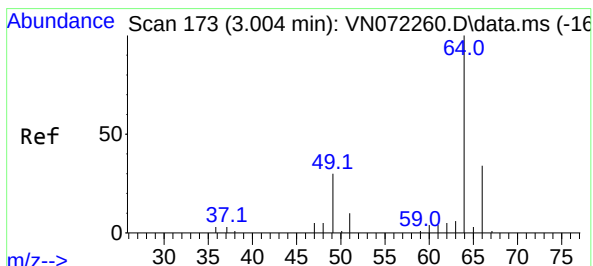
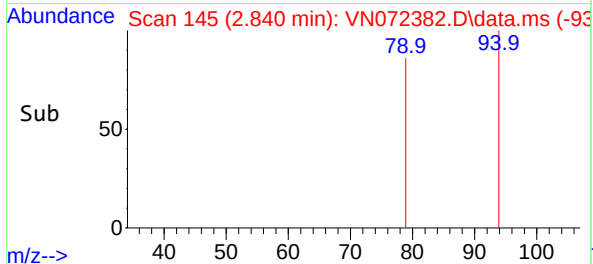
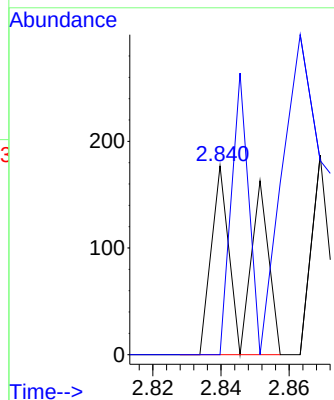
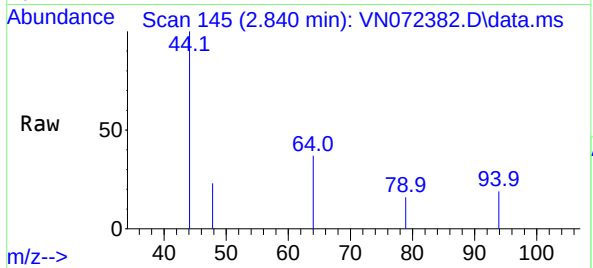




#5
Bromomethane
Concen: Below Cal
RT: 2.840 min Scan# 144
Delta R.T. 0.006 min
Lab File: VN072382.D
Acq: 09 May 2022 17:46

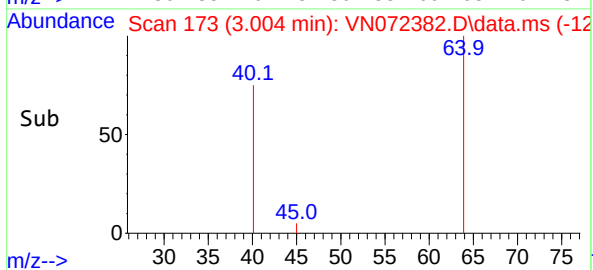
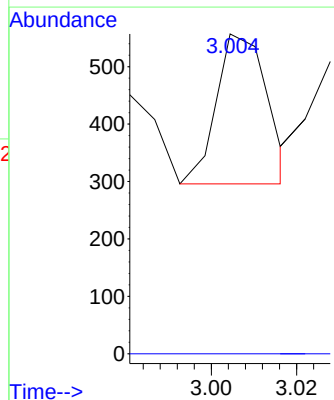
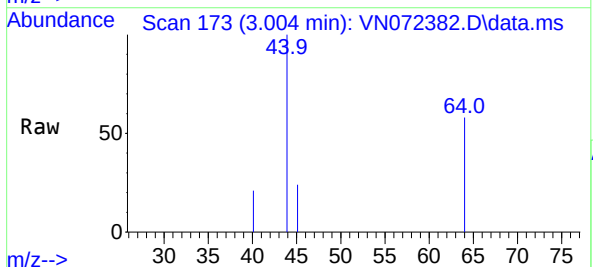
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

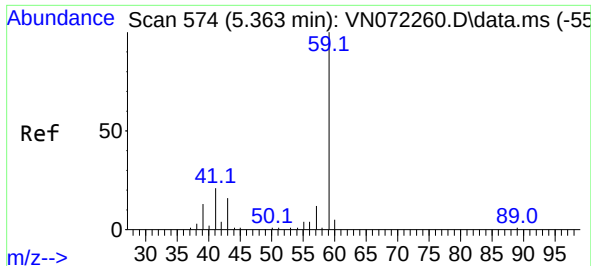
Tgt Ion: 94 Resp: 120
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 3.004 min Scan# 173
Delta R.T. -0.001 min
Lab File: VN072382.D
Acq: 09 May 2022 17:46

Tgt Ion: 64 Resp: 217
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

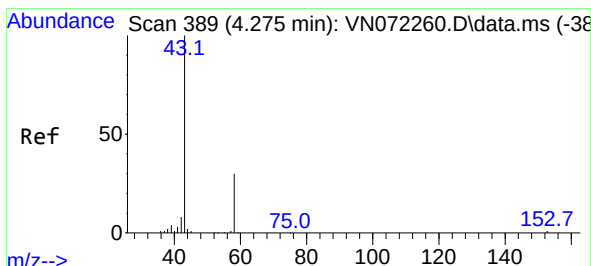
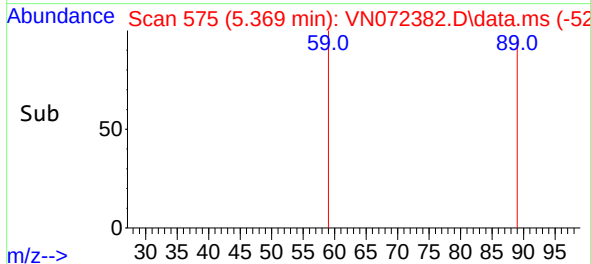
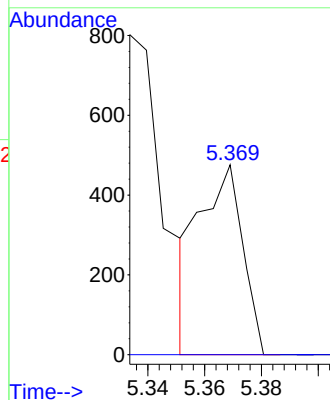
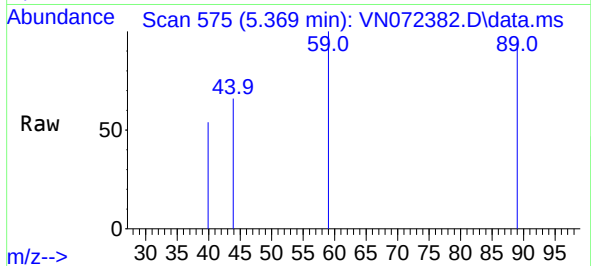




#11
Tert butyl alcohol
Concen: 0.862 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072382.D
Acq: 09 May 2022 17:46

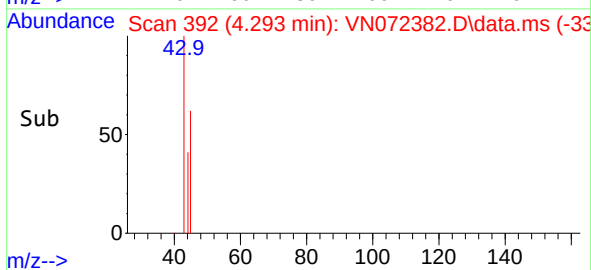
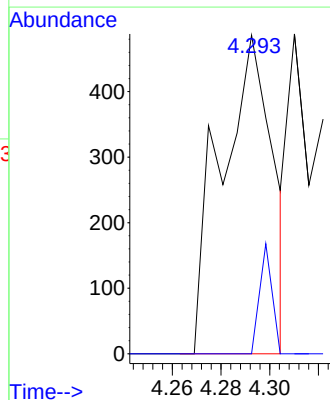
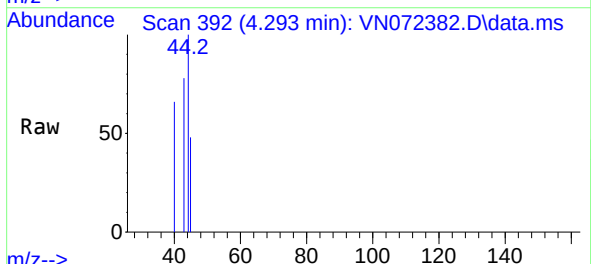
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

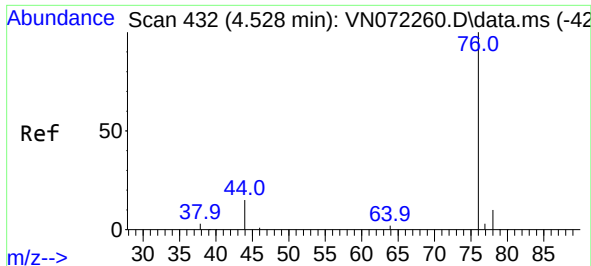
Tgt Ion: 59 Resp: 499
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.473 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN072382.D
Acq: 09 May 2022 17:46

Tgt Ion: 43 Resp: 719
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#

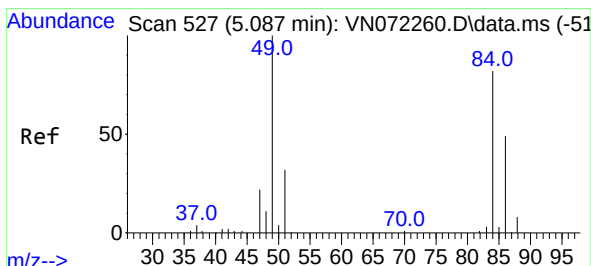
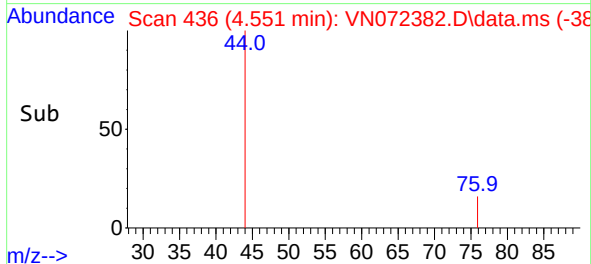
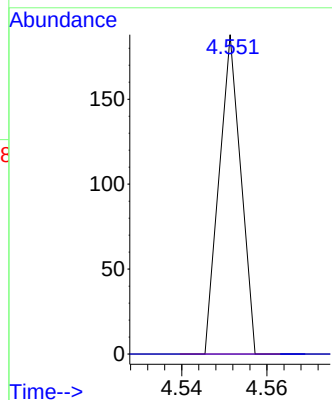
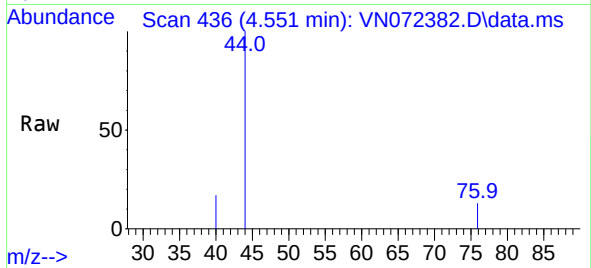




#17
Carbon Disulfide
Concen: 0.376 ug/l
RT: 4.551 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN072382.D
Acq: 09 May 2022 17:46

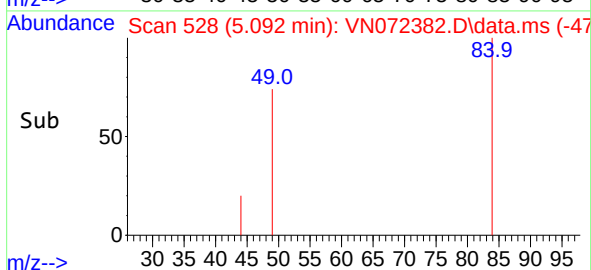
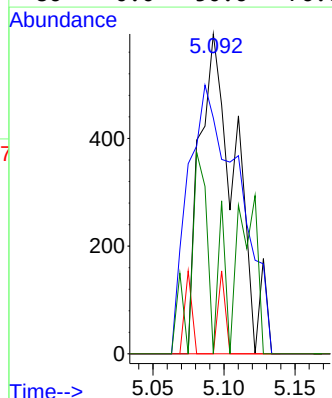
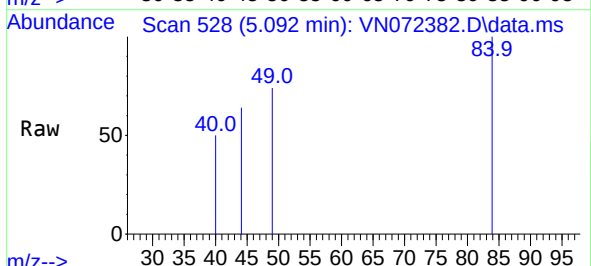
Instrument :
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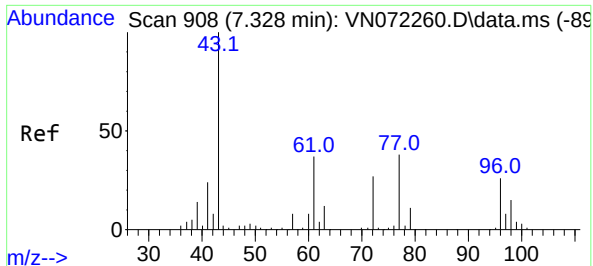
Tgt Ion: 76 Resp: 66
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.363 ug/l
RT: 5.092 min Scan# 528
Delta R.T. 0.005 min
Lab File: VN072382.D
Acq: 09 May 2022 17:46

Tgt Ion: 84 Resp: 1056
Ion Ratio Lower Upper
84 100
49 73.7 88.3 132.5#
51 0.0 28.2 42.2#
86 0.0 50.6 76.0#





#25

2-Butanone

Concen: 0.562 ug/l

RT: 7.339 min Scan# 91

Delta R.T. 0.011 min

Lab File: VN072382.D

Acq: 09 May 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

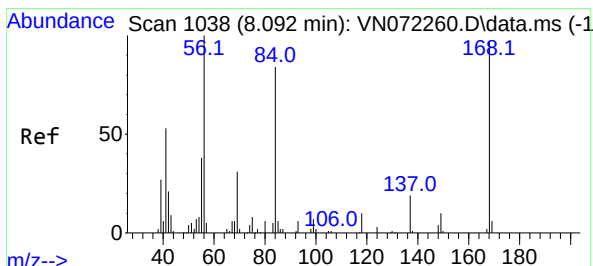
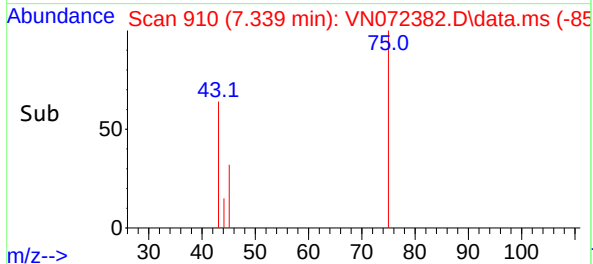
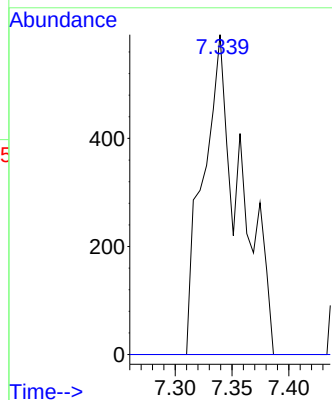
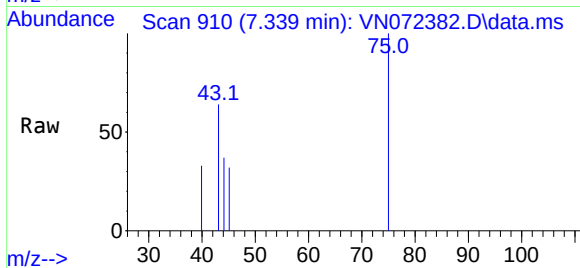
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 43 Resp: 1359

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#31

Cyclohexane

Concen: 1.035 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.017 min

Lab File: VN072382.D

Acq: 09 May 2022 17:46

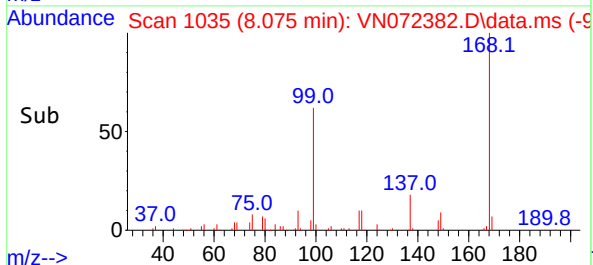
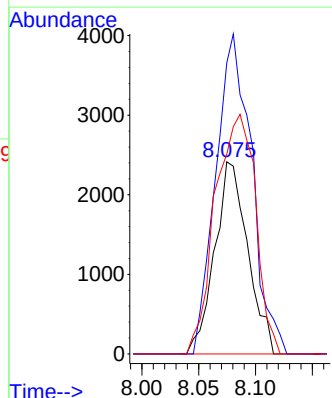
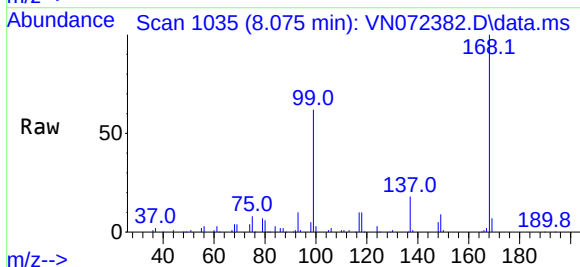
Tgt Ion: 56 Resp: 4875

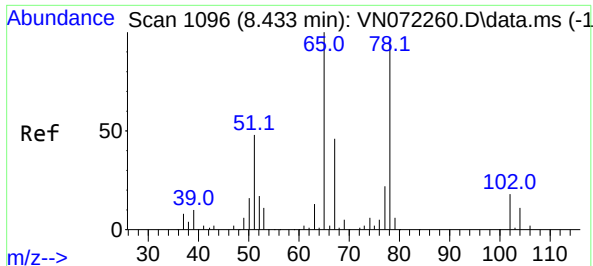
Ion Ratio Lower Upper

56 100

69 151.4 27.8 41.8#

84 104.1 76.9 115.3

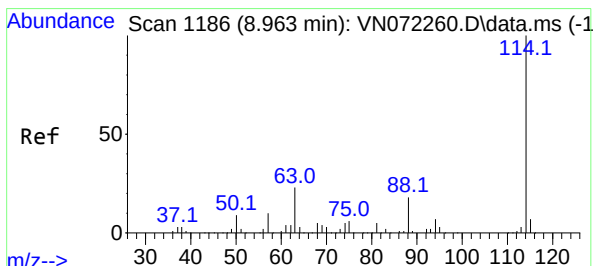
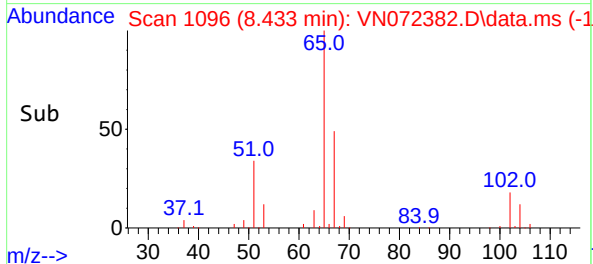
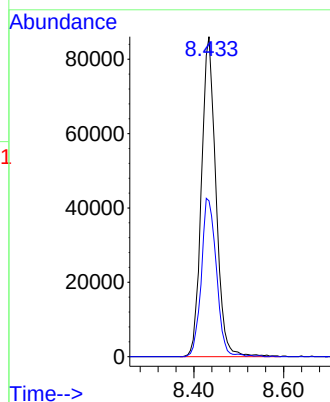
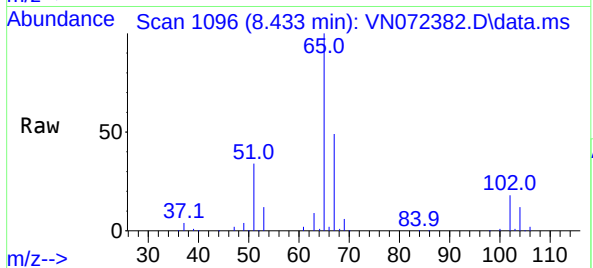




#33
1,2-Dichloroethane-d4
Concen: 54.743 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072382.D
Acq: 09 May 2022 17:46

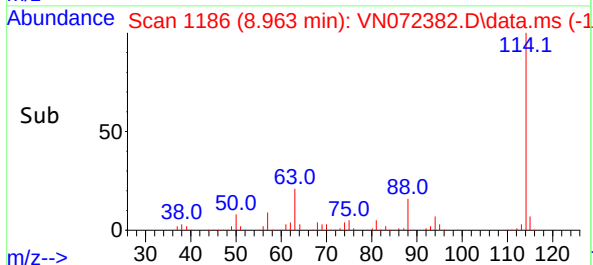
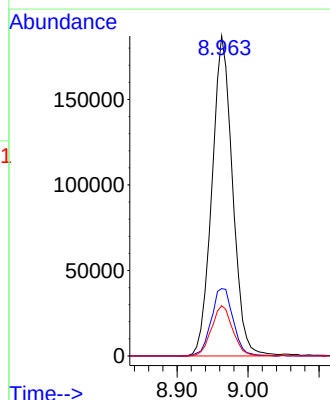
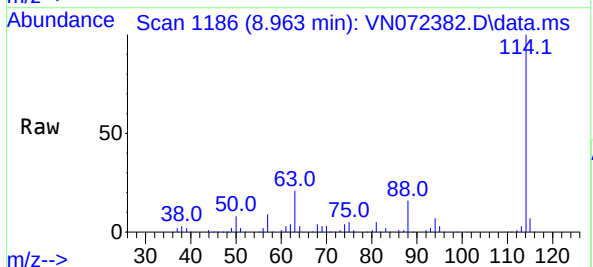
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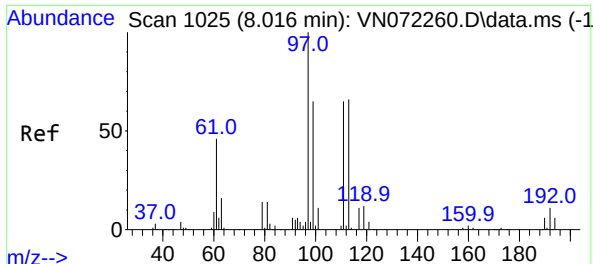
Tgt Ion: 65 Resp: 192917
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072382.D
Acq: 09 May 2022 17:46

Tgt Ion: 114 Resp: 376903
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.0
88 15.7 0.0 32.6

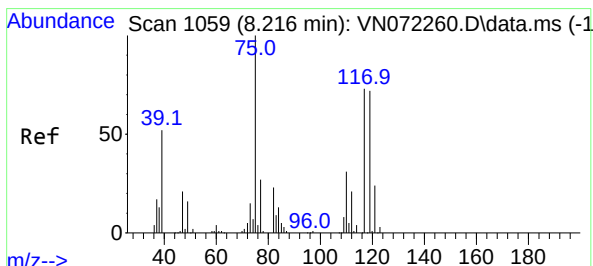
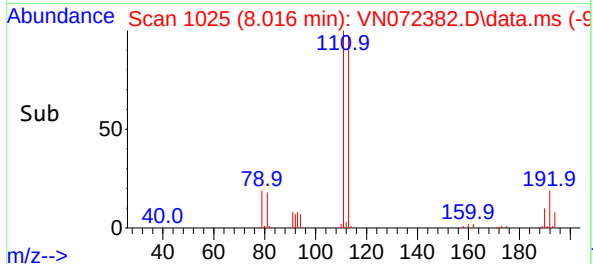
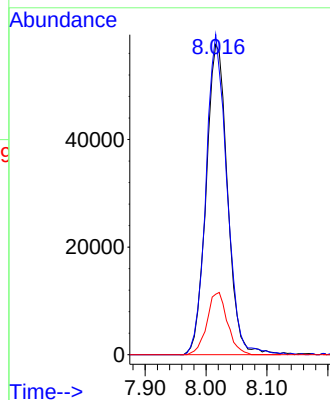
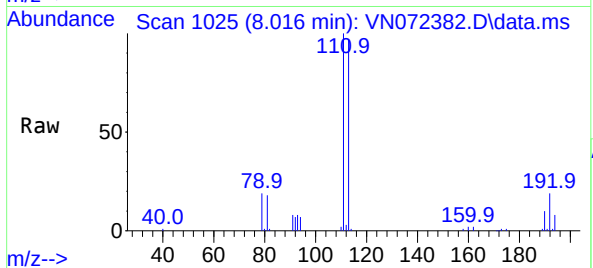




#35
Dibromofluoromethane
Concen: 58.330 ug/l
RT: 8.016 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VN072382.D
Acq: 09 May 2022 17:46

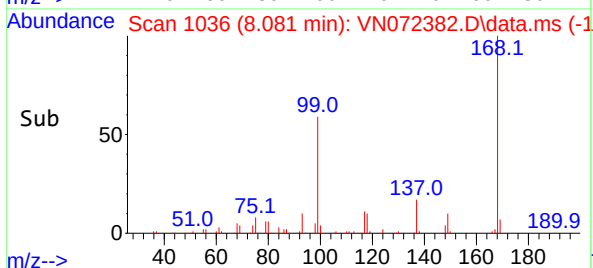
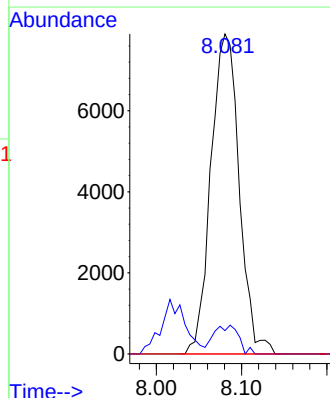
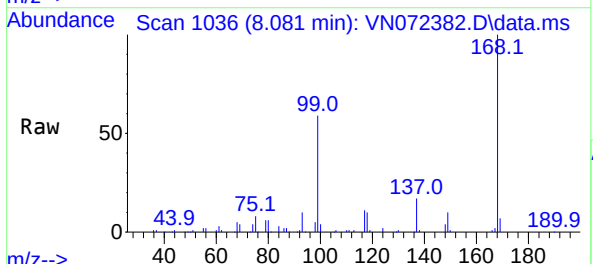
Instrument :
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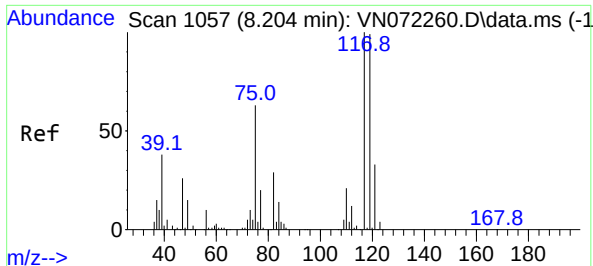
Tgt Ion:113 Resp: 140715
Ion Ratio Lower Upper
113 100
111 100.9 81.4 122.0
192 19.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.187 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN072382.D
Acq: 09 May 2022 17:46

Tgt Ion: 75 Resp: 18212
Ion Ratio Lower Upper
75 100
110 7.9 18.3 54.8#
77 0.0 25.1 37.7#

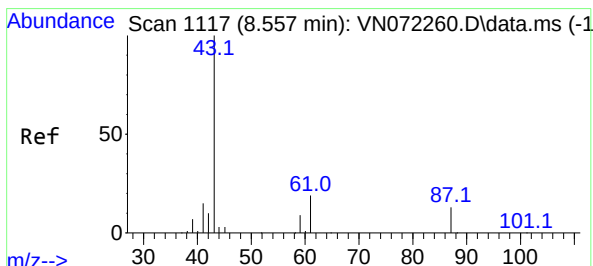
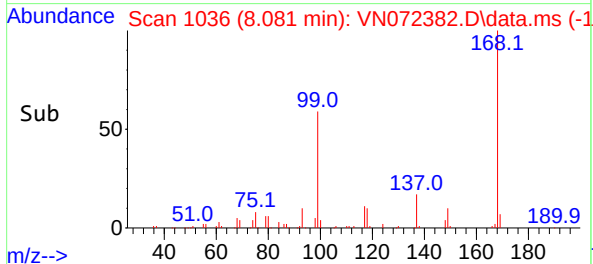
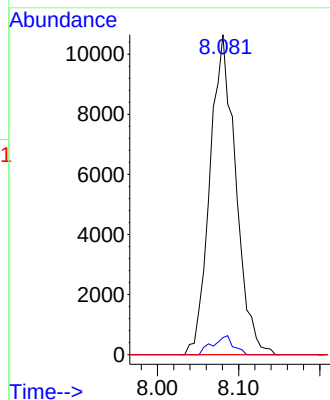
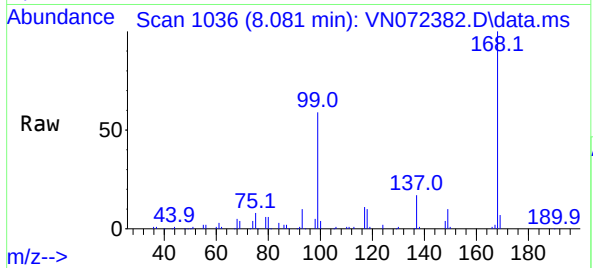




#38
Carbon Tetrachloride
Concen: 6.265 ug/l
RT: 8.081 min Scan# 1105
Delta R.T. -0.123 min
Lab File: VN072382.D
Acq: 09 May 2022 17:46

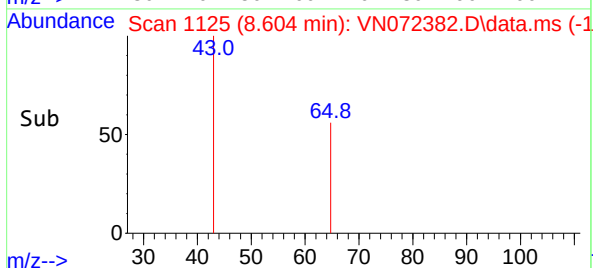
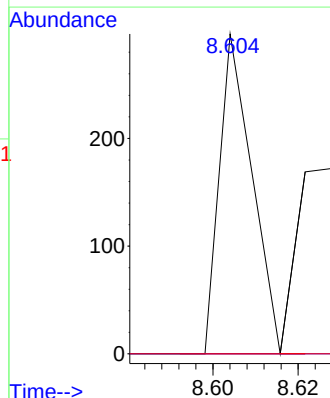
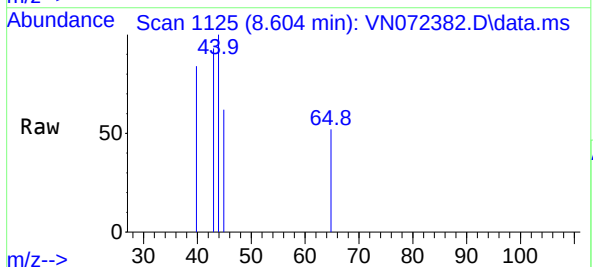
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

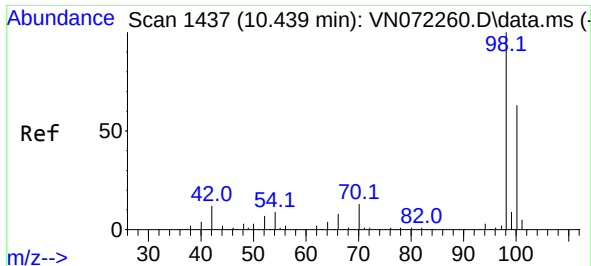
Tgt Ion:117 Resp: 23562
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.822 ug/l
RT: 8.604 min Scan# 1125
Delta R.T. 0.047 min
Lab File: VN072382.D
Acq: 09 May 2022 17:46

Tgt Ion: 43 Resp: 158
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

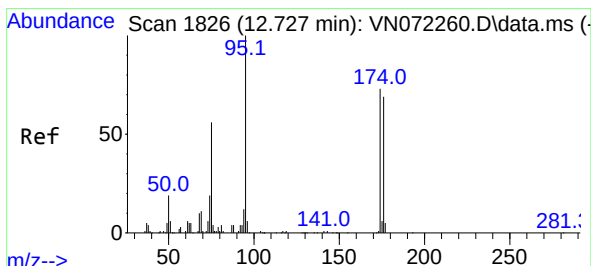
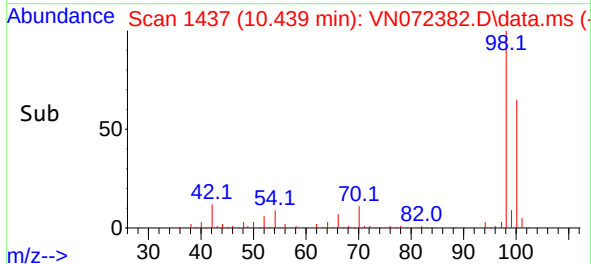
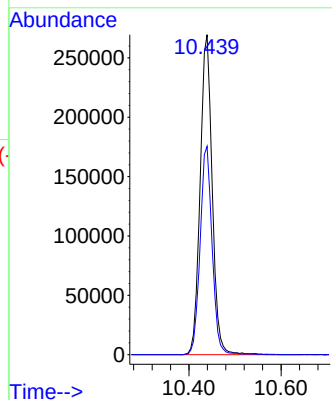
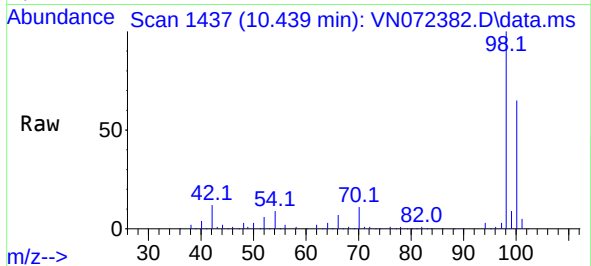




#50
Toluene-d8
Concen: 51.769 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072382.D
Acq: 09 May 2022 17:46

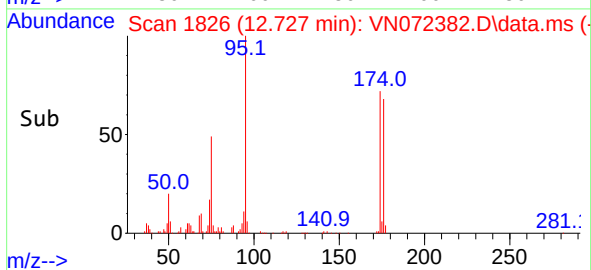
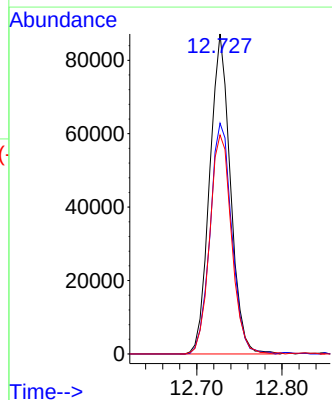
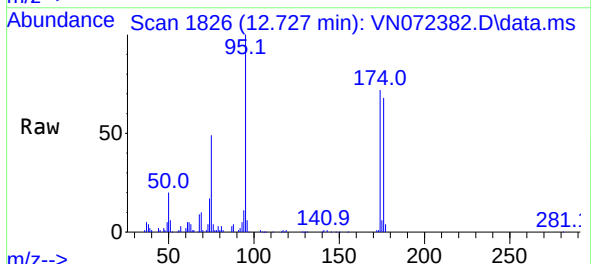
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

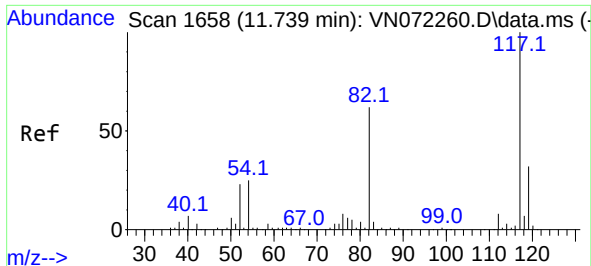
Tgt Ion: 98 Resp: 490731
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.739 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072382.D
Acq: 09 May 2022 17:46

Tgt Ion: 95 Resp: 147057
Ion Ratio Lower Upper
95 100
174 75.5 0.0 167.6
176 72.2 0.0 163.4

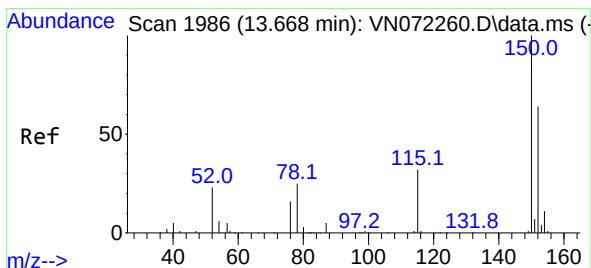
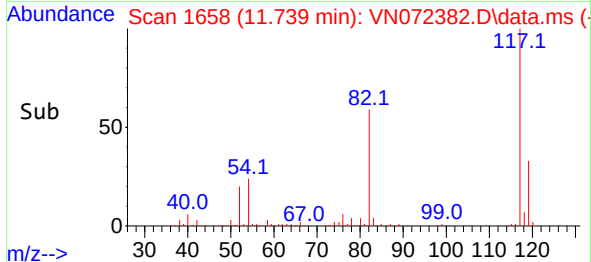
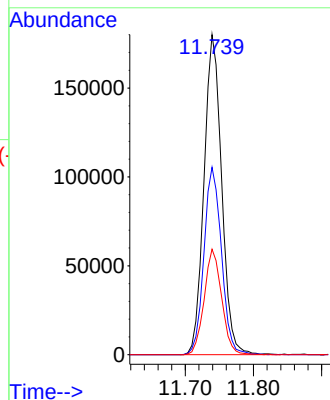
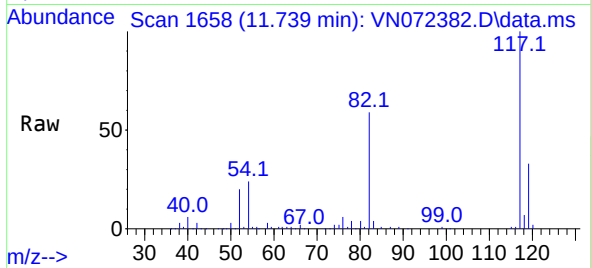




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072382.D
Acq: 09 May 2022 17:46

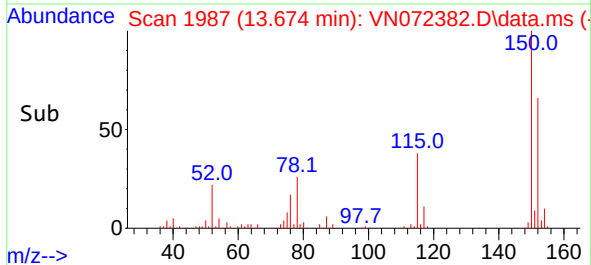
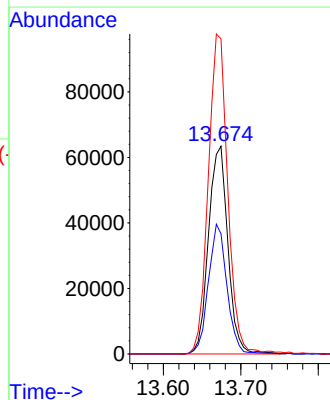
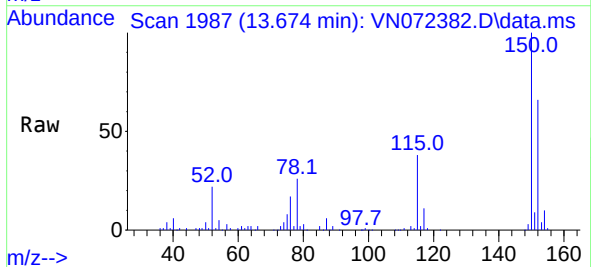
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

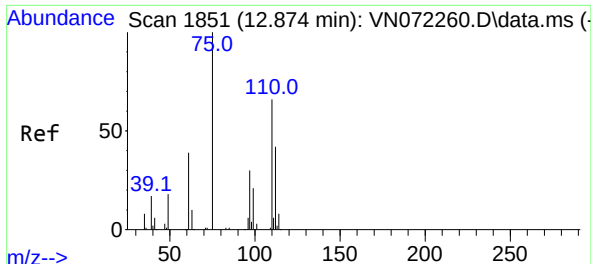
Tgt Ion:117 Resp: 324426
Ion Ratio Lower Upper
117 100
82 58.5 44.2 66.2
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN072382.D
Acq: 09 May 2022 17:46

Tgt Ion:152 Resp: 110296
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.7
150 154.7 0.0 356.2

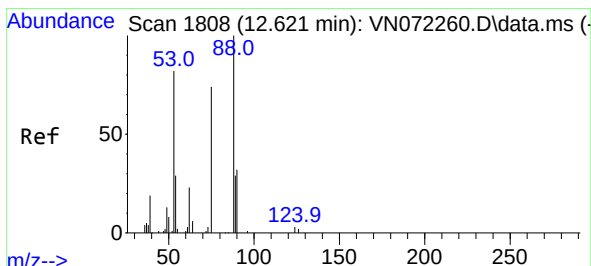
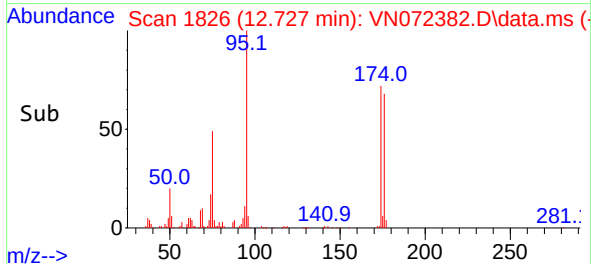
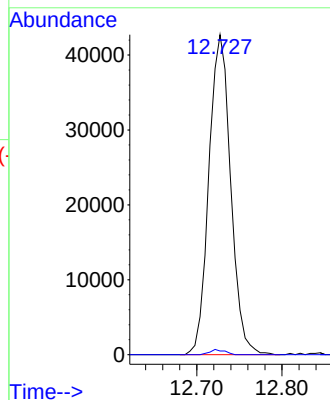
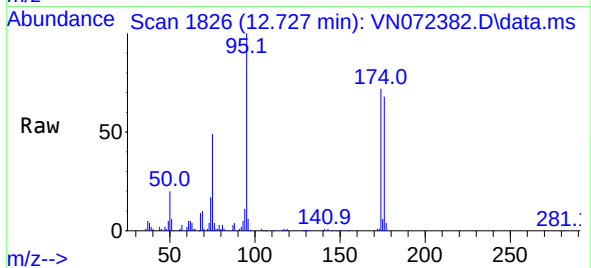




#76
1,2,3-Trichloropropane
Concen: 30.622 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072382.D
Acq: 09 May 2022 17:46

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 75871
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.538 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072382.D
Acq: 09 May 2022 17:46

Tgt Ion: 75 Resp: 75871
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

