

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050222\
 Data File : VN072288.D
 Acq On : 02 May 2022 11:35
 Operator : JC\MD
 Sample : VN0502WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

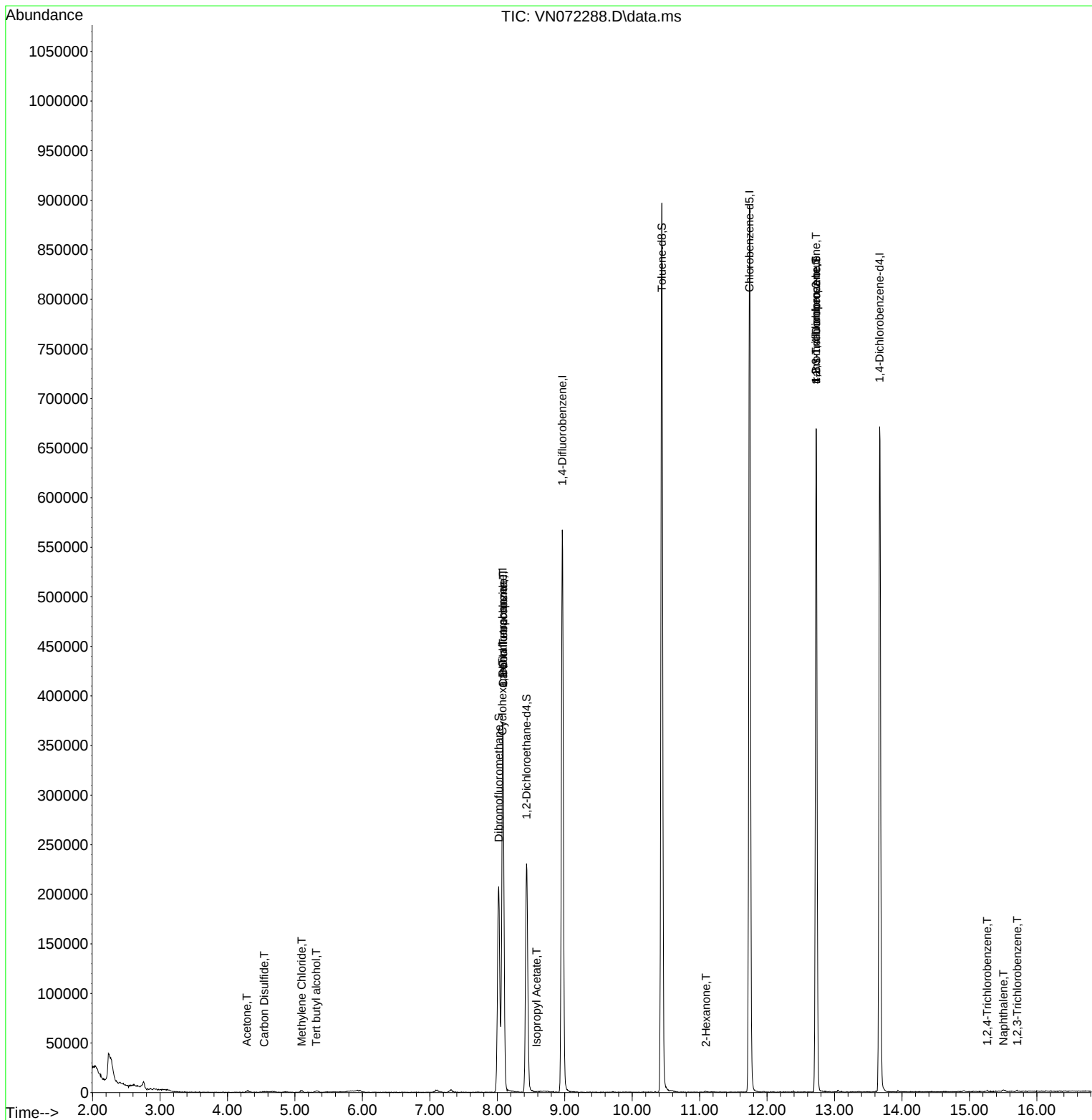
Quant Time: May 03 03:09:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

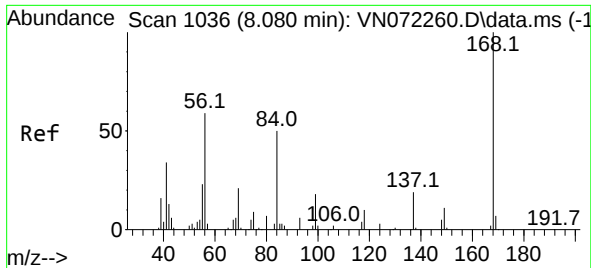
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.081	168	256227	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	474234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	502495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	177589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	212389	53.993	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.980%	
35) Dibromofluoromethane	8.022	113	150268	49.506	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.020%	
50) Toluene-d8	10.439	98	609791	51.126	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.260%	
62) 4-Bromofluorobenzene	12.727	95	236394	59.713	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 119.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	999	Below Cal		90
5) Bromomethane	2.857	94	404	Below Cal	#	2
6) Chloroethane	2.981	64	307	Below Cal	#	42
11) Tert butyl alcohol	5.316	59	1464	2.265	ug/l	# 72
16) Acetone	4.287	43	731	0.431	ug/l	# 42
17) Carbon Disulfide	4.545	76	64	0.374	ug/l	# 75
20) Methylene Chloride	5.098	84	1372	0.422	ug/l	# 84
31) Cyclohexane	8.075	56	5993	1.140	ug/l	# 39
36) 1,1-Dichloropropene	8.086	75	24170	5.471	ug/l	# 50
38) Carbon Tetrachloride	8.086	117	29969	6.333	ug/l	# 17
43) Isopropyl Acetate	8.580	43	64	0.808	ug/l	# 53
59) 2-Hexanone	11.092	43	1074	0.275	ug/l	85
75) 1,1,2,2-Tetrachloroethane	12.727	83	83	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	133816	33.476	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	133816	87.126	ug/l	# 10
93) 1,2,4-Trichlorobenzene	15.262	180	359	2.545	ug/l	# 61
95) Naphthalene	15.504	128	3093	4.607	ug/l	# 71
96) 1,2,3-Trichlorobenzene	15.709	180	522	2.855	ug/l	73

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

Quant Time: May 03 03:09:32 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

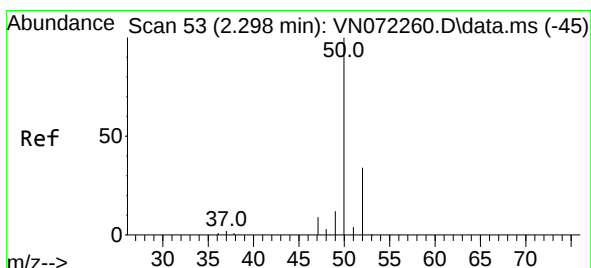
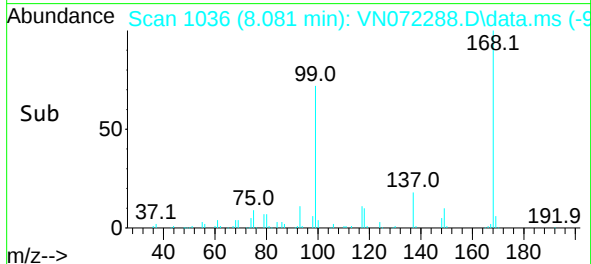
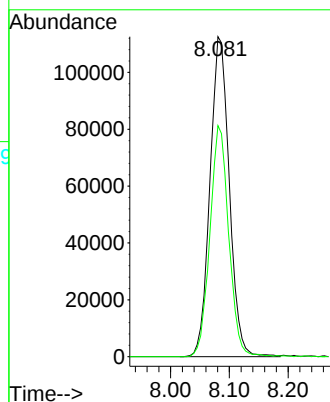
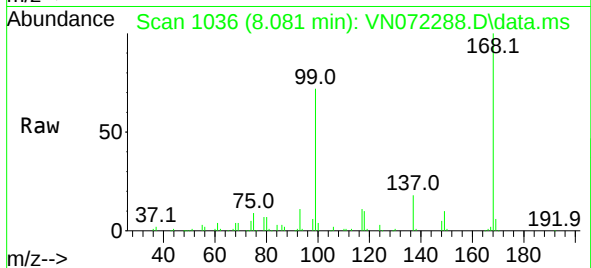




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN072288.D
Acq: 02 May 2022 11:35

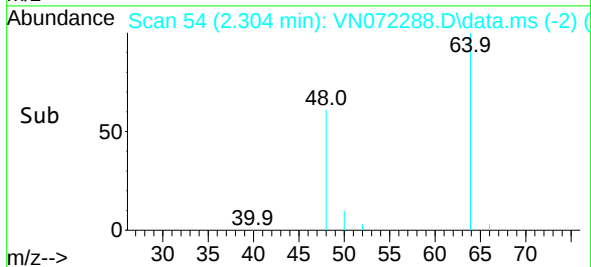
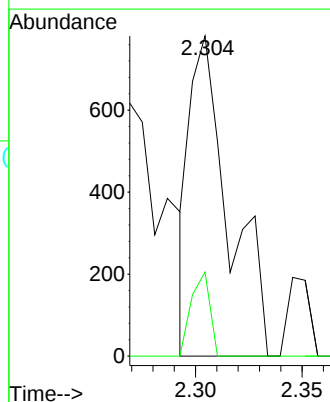
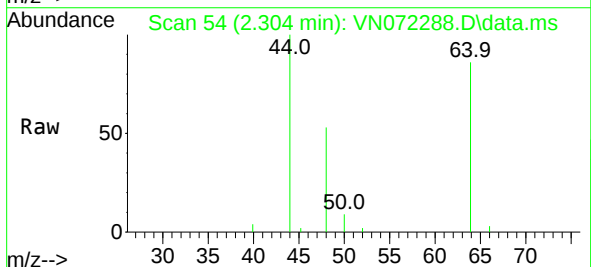
Instrument :
MSVOA_N
ClientSampleId :

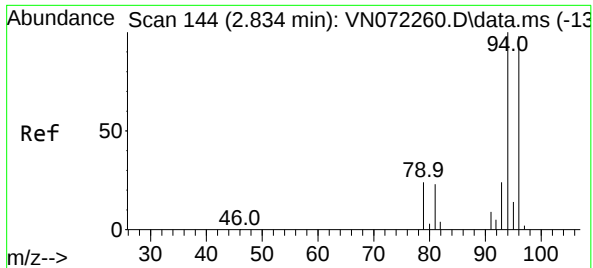
Tgt Ion:168 Resp: 256227
Ion Ratio Lower Upper
168 100
99 72.2 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072288.D
Acq: 02 May 2022 11:35

Tgt Ion: 50 Resp: 999
Ion Ratio Lower Upper
50 100
52 26.2 25.7 38.5

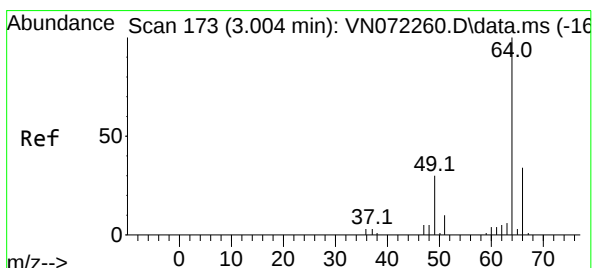
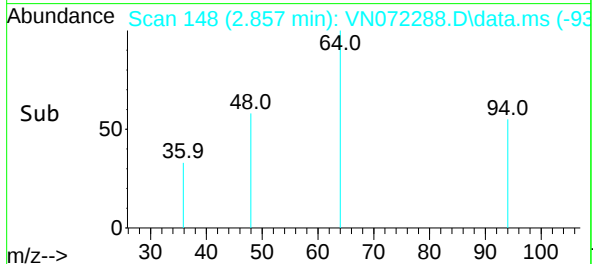
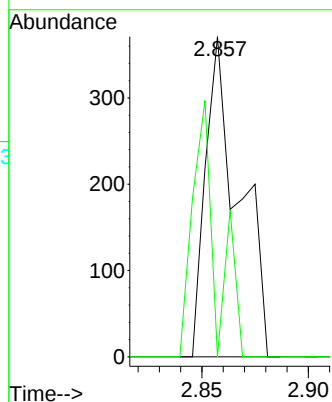
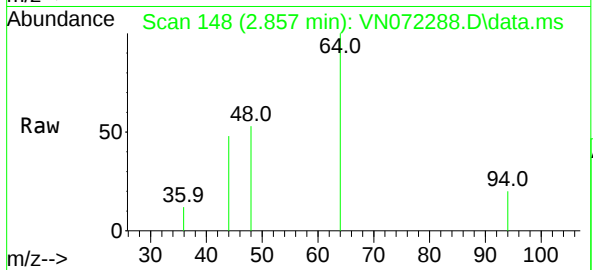




#5
Bromomethane
Concen: Below Cal
RT: 2.857 min Scan# 14
Delta R.T. 0.023 min
Lab File: VN072288.D
Acq: 02 May 2022 11:35

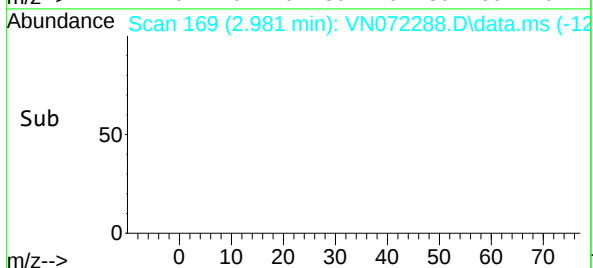
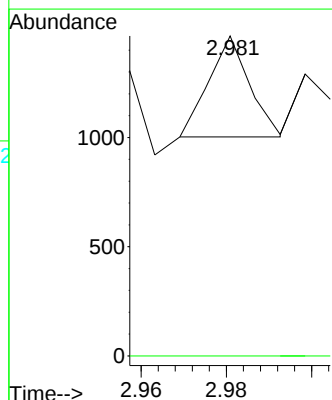
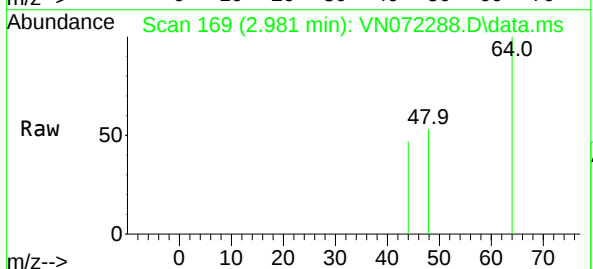
Instrument :
MSVOA_N
ClientSampleId :

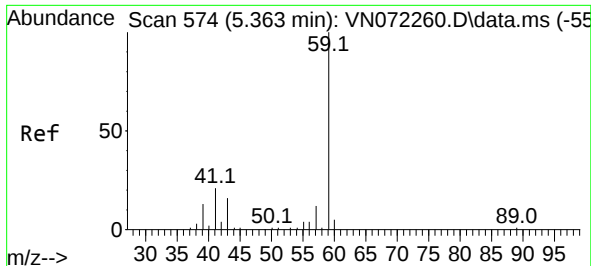
Tgt Ion: 94 Resp: 404
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.981 min Scan# 169
Delta R.T. -0.024 min
Lab File: VN072288.D
Acq: 02 May 2022 11:35

Tgt Ion: 64 Resp: 307
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

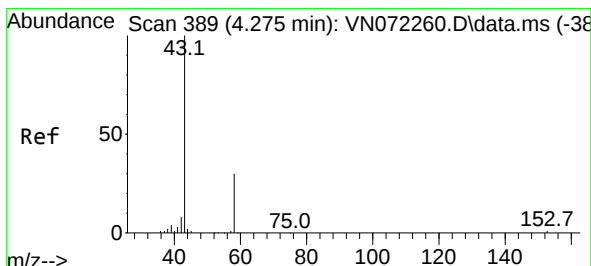
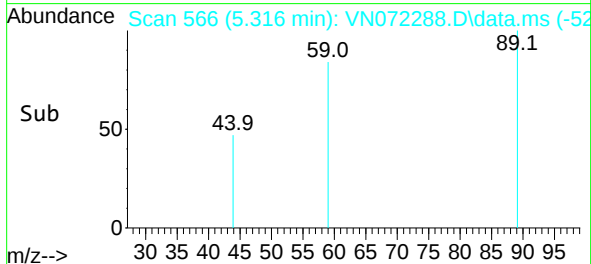
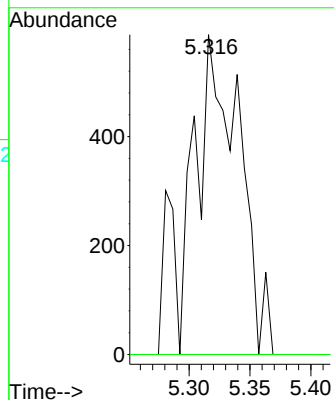
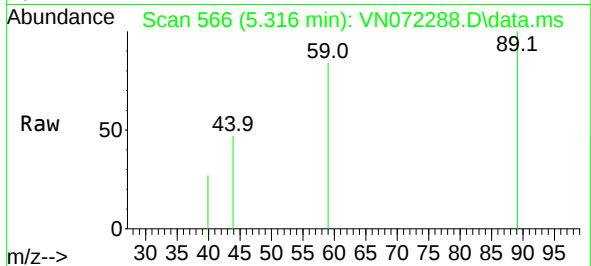




#11
Tert butyl alcohol
Concen: 2.265 ug/l
RT: 5.316 min Scan# 51
Delta R.T. -0.047 min
Lab File: VN072288.D
Acq: 02 May 2022 11:35

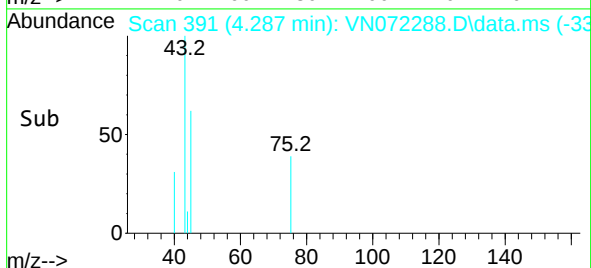
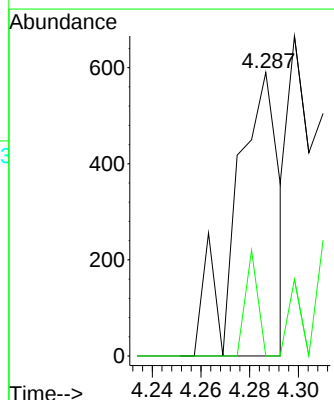
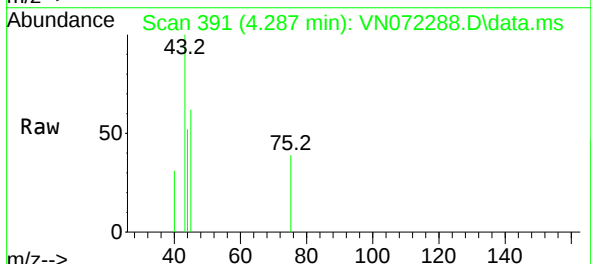
Instrument :
MSVOA_N
ClientSampleId :

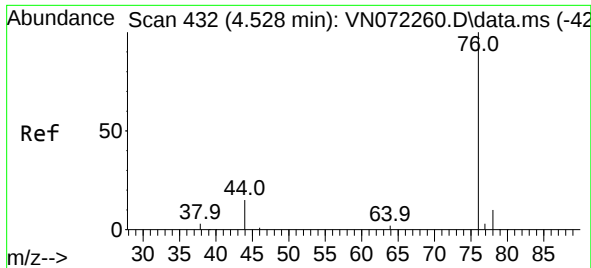
Tgt Ion: 59 Resp: 1464
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.431 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072288.D
Acq: 02 May 2022 11:35

Tgt Ion: 43 Resp: 731
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#

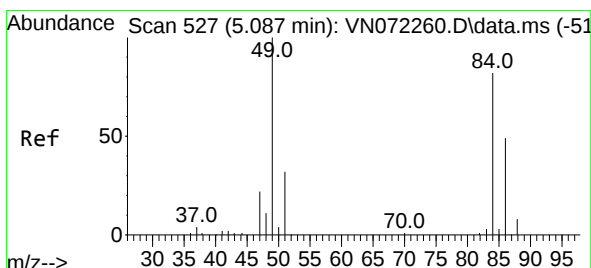
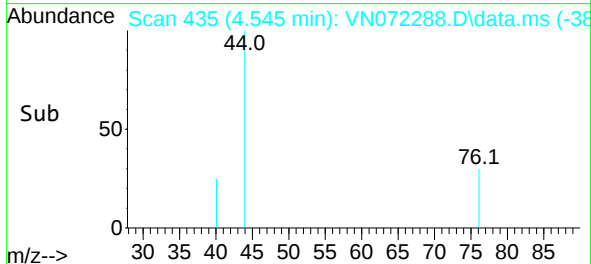
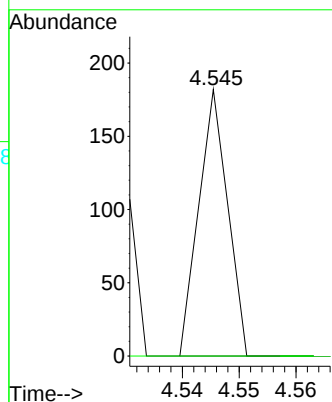
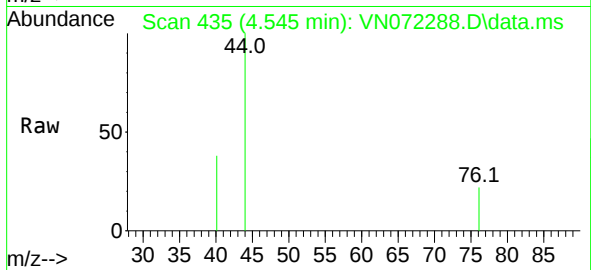




#17
Carbon Disulfide
Concen: 0.374 ug/l
RT: 4.545 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN072288.D
Acq: 02 May 2022 11:35

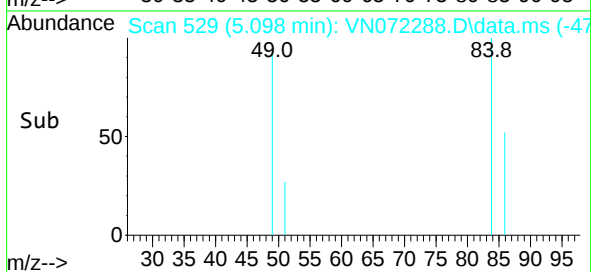
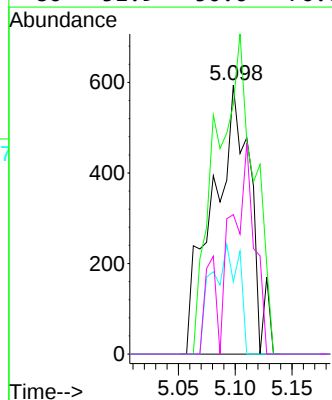
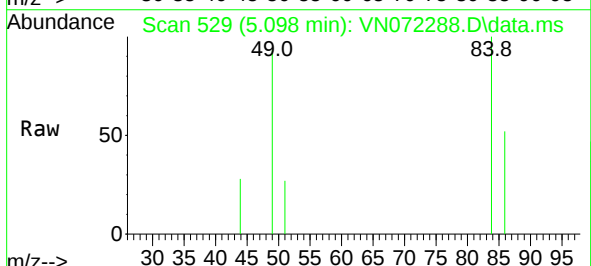
Instrument :
MSVOA_N
ClientSampleId :

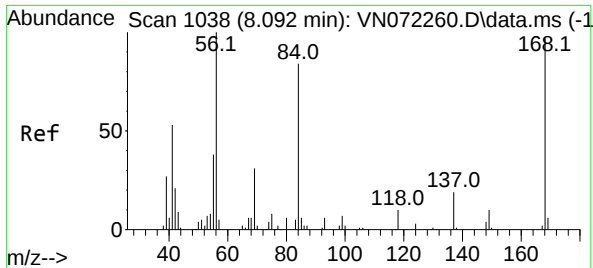
Tgt Ion: 76 Resp: 64
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.422 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.011 min
Lab File: VN072288.D
Acq: 02 May 2022 11:35

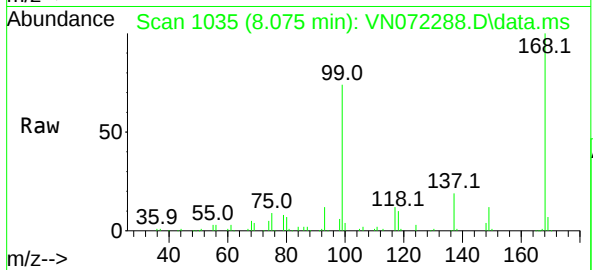
Tgt Ion: 84 Resp: 1372
Ion Ratio Lower Upper
84 100
49 92.6 88.3 132.5
51 26.9 28.2 42.2#
86 51.9 50.6 76.0



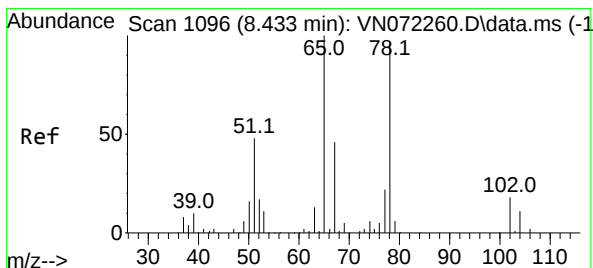
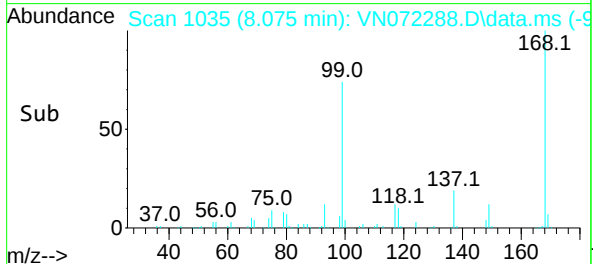
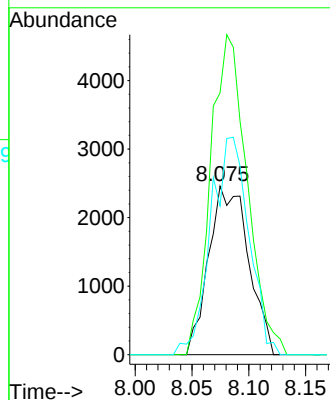


#31
Cyclohexane
Concen: 1.140 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.017 min
Lab File: VN072288.D
Acq: 02 May 2022 11:35

Instrument :
MSVOA_N
ClientSampleId :

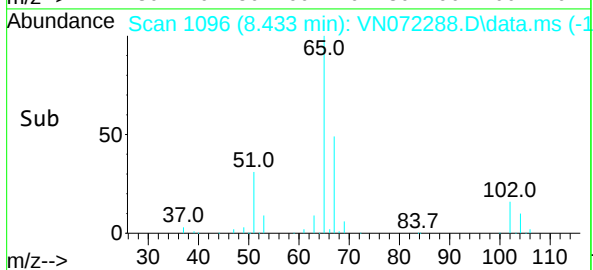
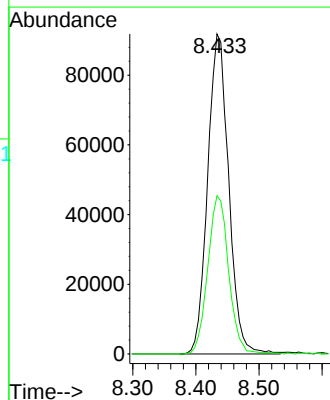
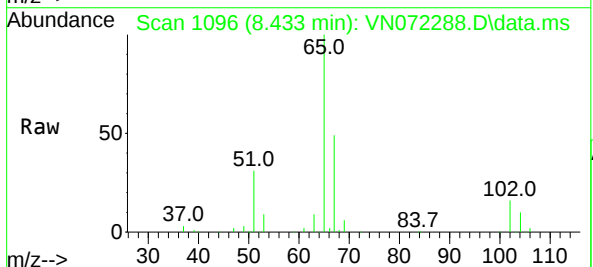


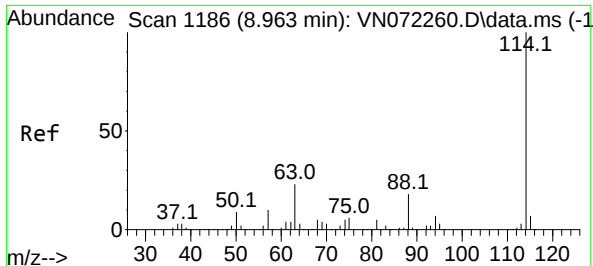
Tgt Ion: 56 Resp: 5993
Ion Ratio Lower Upper
56 100
69 155.4 27.8 41.8#
84 88.2 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 53.993 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072288.D
Acq: 02 May 2022 11:35

Tgt Ion: 65 Resp: 212389
Ion Ratio Lower Upper
65 100
67 49.2 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: VN072288.D

Acq: 02 May 2022 11:35

Instrument :

MSVOA_N

ClientSampleId :

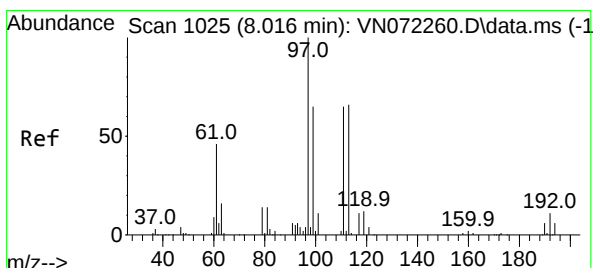
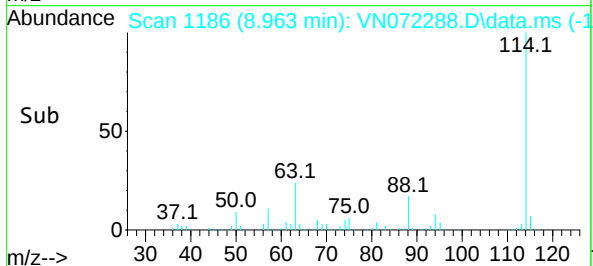
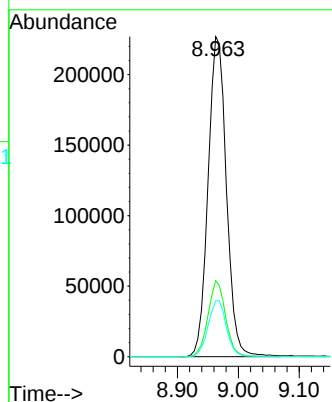
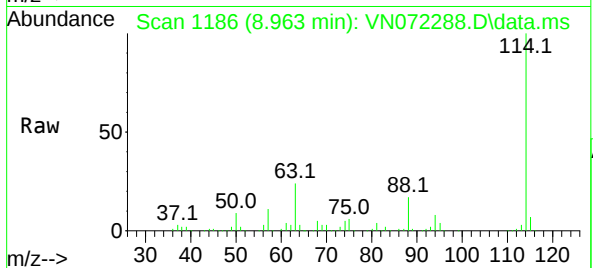
Tgt Ion:114 Resp: 474234

Ion Ratio Lower Upper

114 100

63 23.7 0.0 40.0

88 17.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.506 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072288.D

Acq: 02 May 2022 11:35

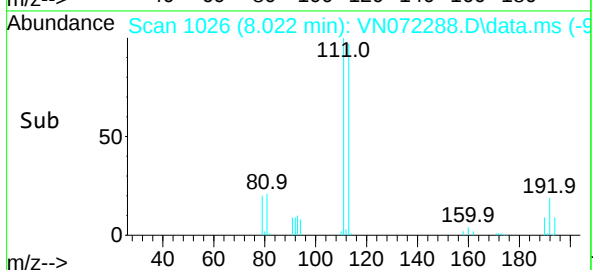
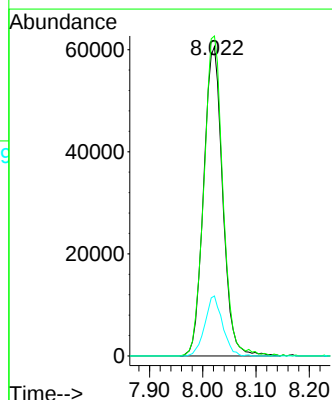
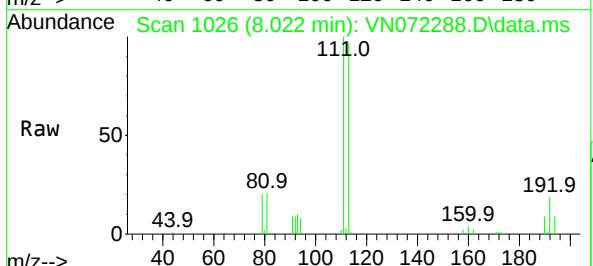
Tgt Ion:113 Resp: 150268

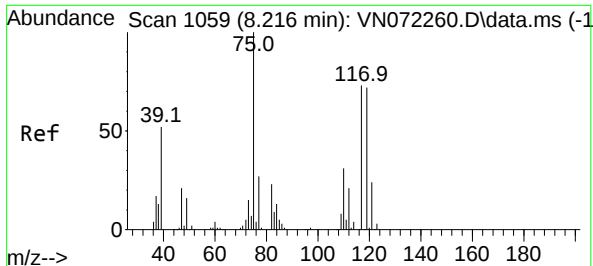
Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 18.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.471 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.130 min

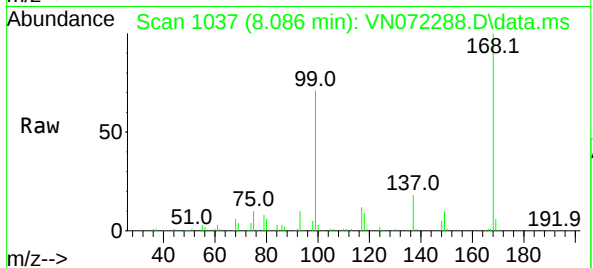
Lab File: VN072288.D

Acq: 02 May 2022 11:35

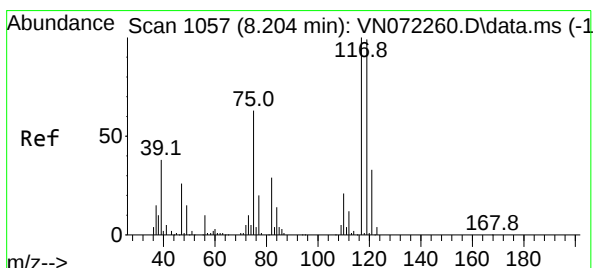
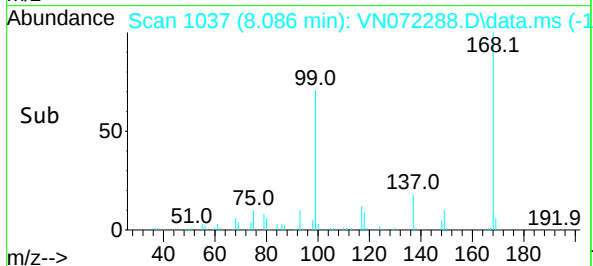
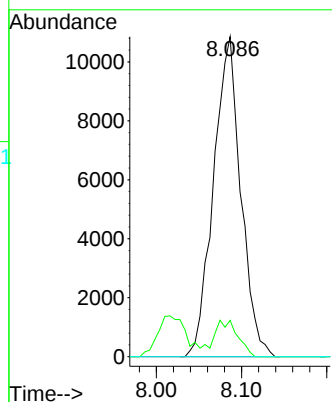
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	24170
Ion Ratio	100	Lower	Upper
75	100		
110	10.1	18.3	54.8#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 6.333 ug/l

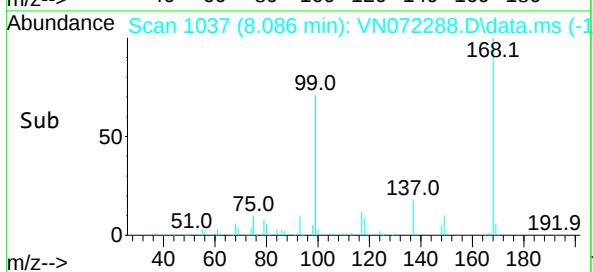
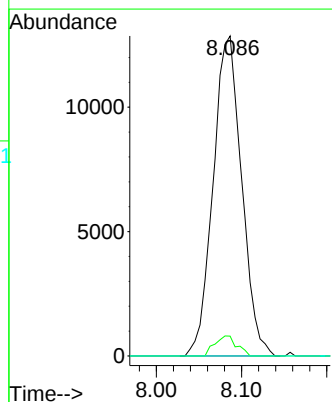
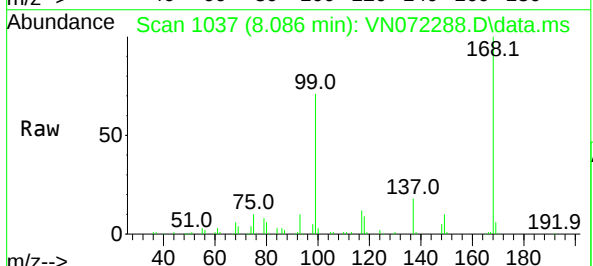
RT: 8.086 min Scan# 1037

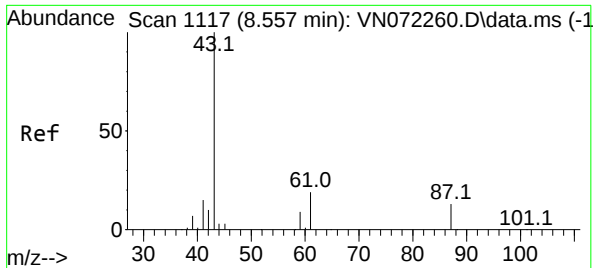
Delta R.T. -0.118 min

Lab File: VN072288.D

Acq: 02 May 2022 11:35

Tgt Ion:	117	Resp:	29969
Ion Ratio	100	Lower	Upper
117	100		
119	6.2	75.8	113.8#
121	0.0	24.6	37.0#

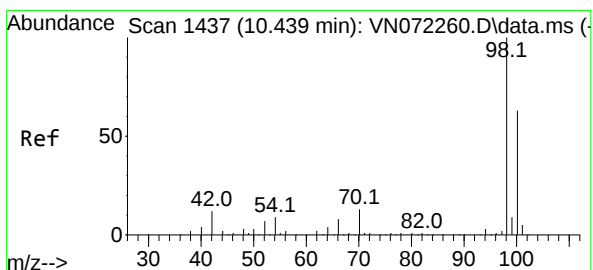
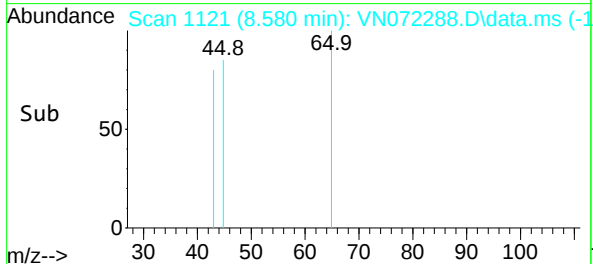
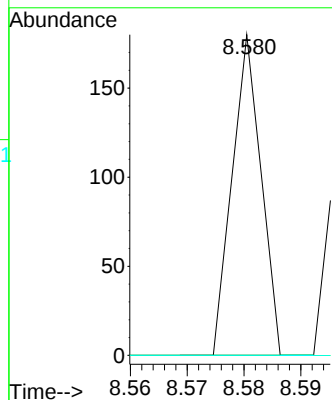
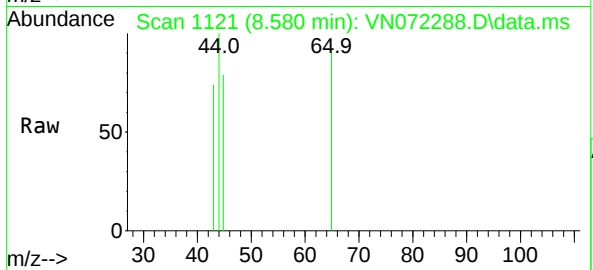




#43
Isopropyl Acetate
Concen: 0.808 ug/l
RT: 8.580 min Scan# 1117
Delta R.T. 0.023 min
Lab File: VN072288.D
Acq: 02 May 2022 11:35

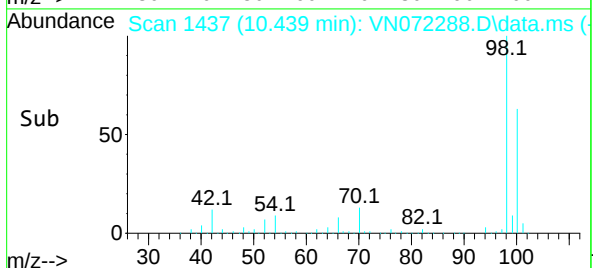
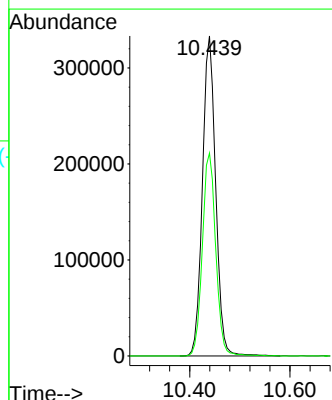
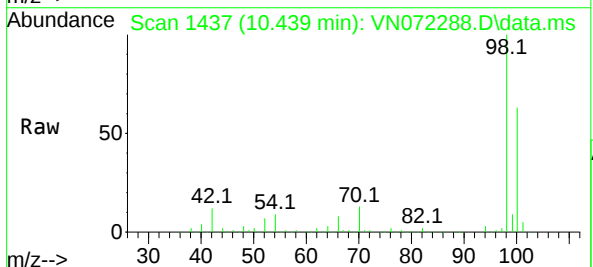
Instrument :
MSVOA_N
ClientSampleId :

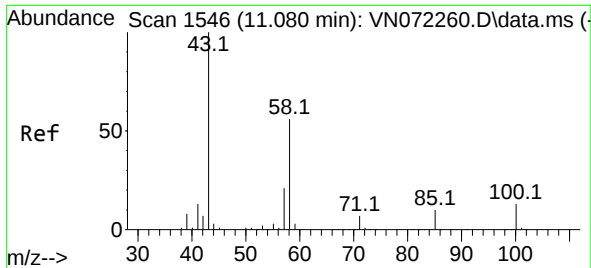
Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 51.126 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072288.D
Acq: 02 May 2022 11:35

Tgt Ion: 98 Resp: 609791
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

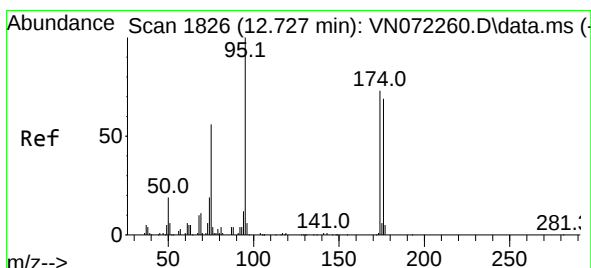
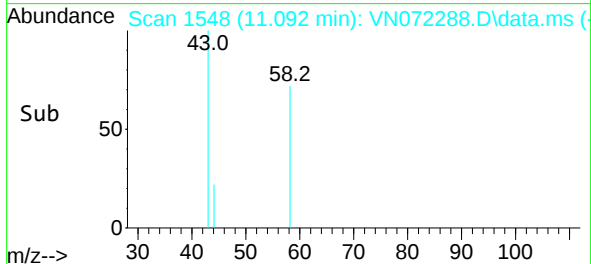
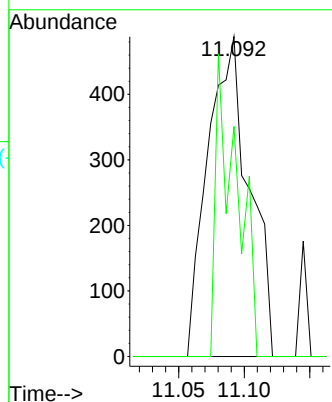
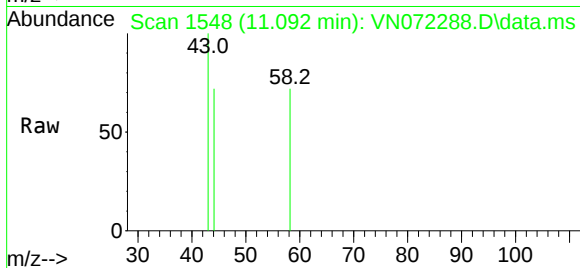




#59
2-Hexanone
Concen: 0.275 ug/l
RT: 11.092 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN072288.D
Acq: 02 May 2022 11:35

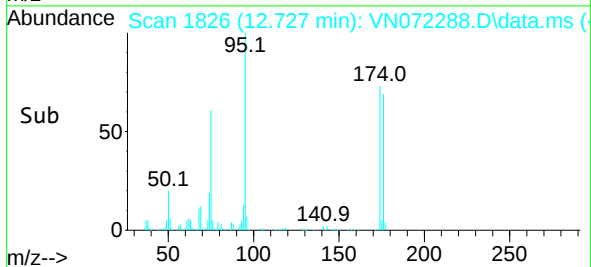
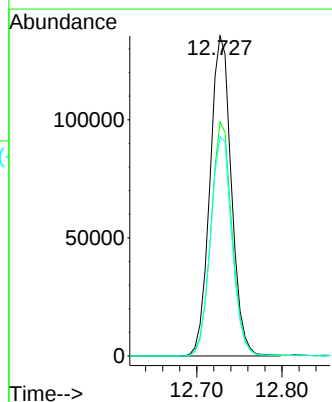
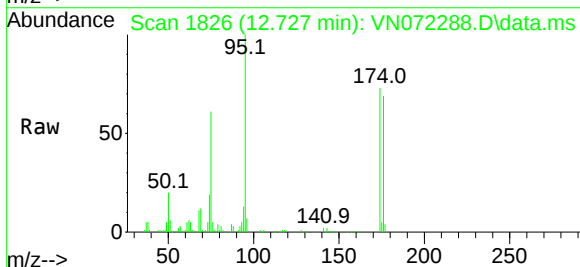
Instrument :
MSVOA_N
ClientSampleId :

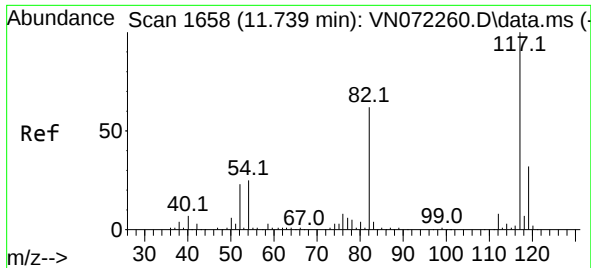
Tgt Ion: 43 Resp: 1074
Ion Ratio Lower Upper
43 100
58 48.0 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 59.713 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072288.D
Acq: 02 May 2022 11:35

Tgt Ion: 95 Resp: 236394
Ion Ratio Lower Upper
95 100
174 71.8 0.0 167.6
176 68.5 0.0 163.4

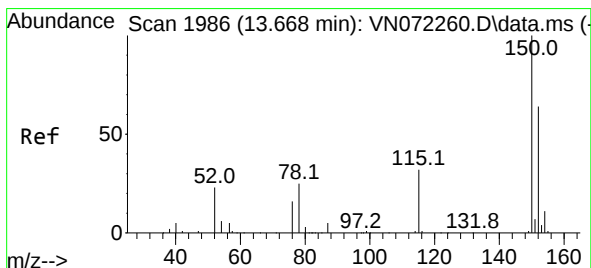
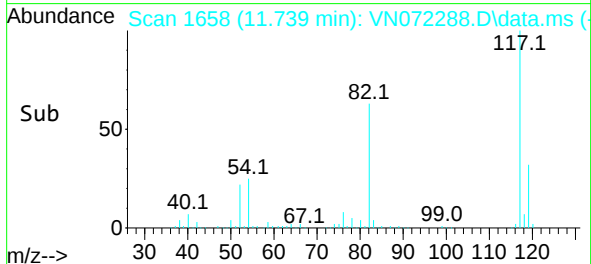
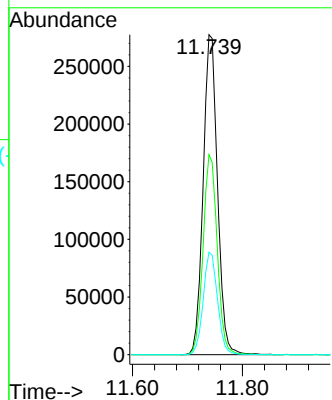
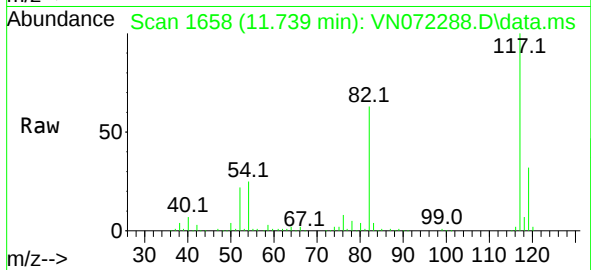




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072288.D
Acq: 02 May 2022 11:35

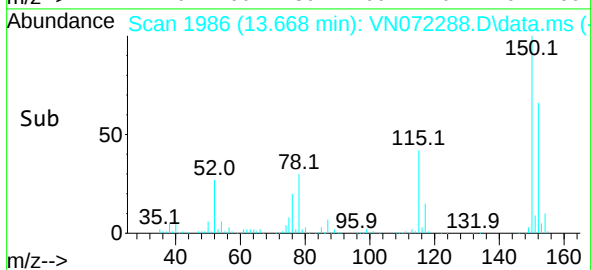
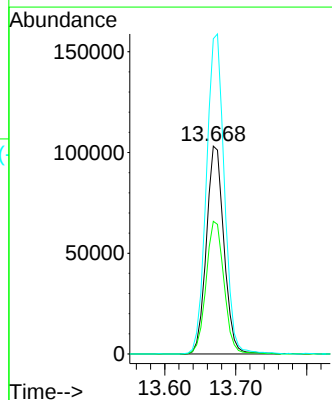
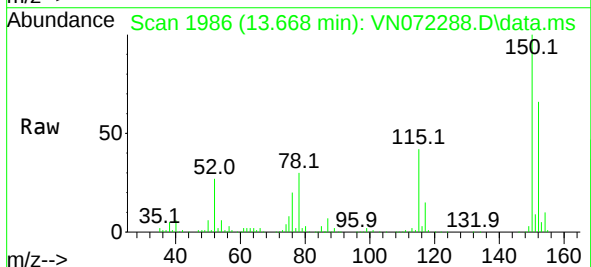
Instrument :
MSVOA_N
ClientSampleId :

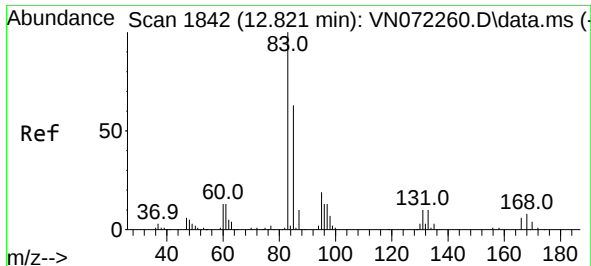
Tgt Ion:117 Resp: 502495
Ion Ratio Lower Upper
117 100
82 62.5 44.2 66.2
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072288.D
Acq: 02 May 2022 11:35

Tgt Ion:152 Resp: 177589
Ion Ratio Lower Upper
152 100
115 65.2 28.9 86.7
150 157.5 0.0 356.2

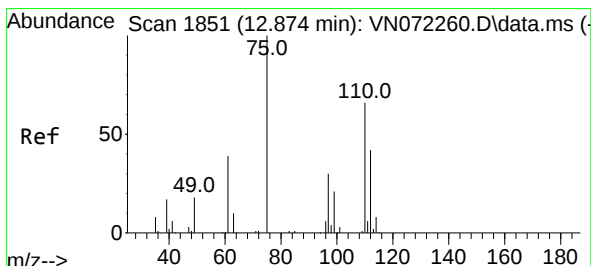
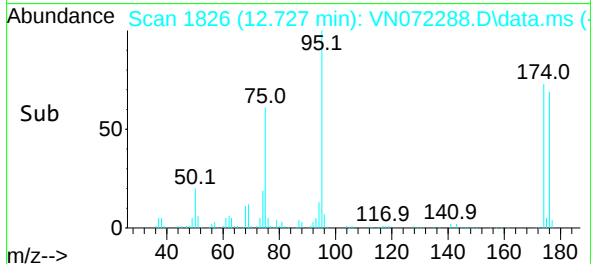
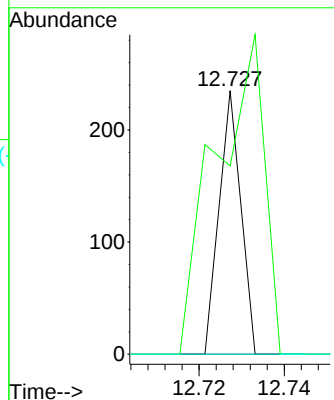
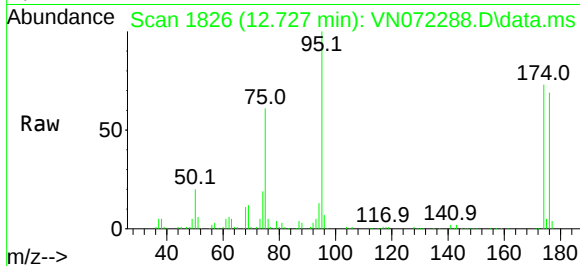




#75
1,1,2-Tetrachloroethane
Concen: Below Cal
RT: 12.727 min Scan# 1826
Delta R.T. -0.095 min
Lab File: VN072288.D
Acq: 02 May 2022 11:35

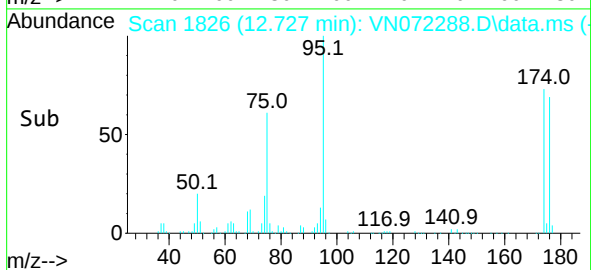
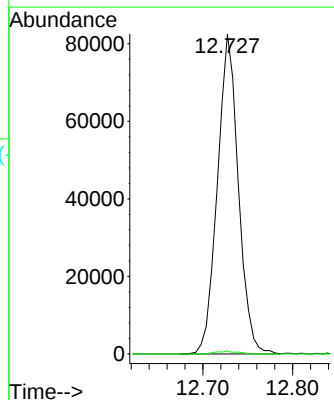
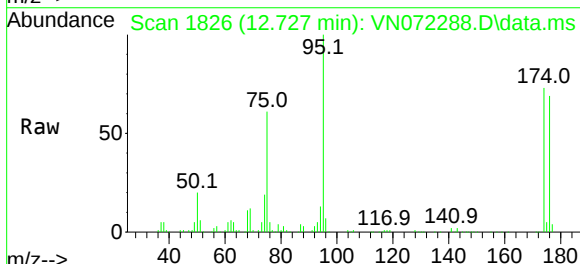
Instrument :
MSVOA_N
ClientSampleId :

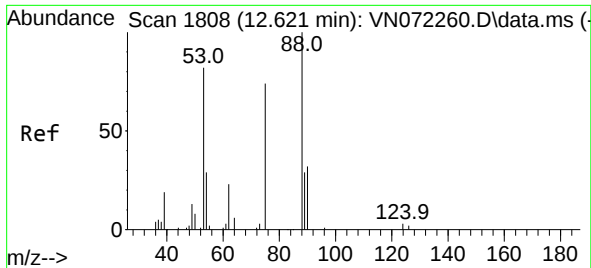
Tgt Ion: 83 Resp: 83
Ion Ratio Lower Upper
83 100
131 272.3 5.3 15.9#
85 0.0 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 33.476 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072288.D
Acq: 02 May 2022 11:35

Tgt Ion: 75 Resp: 133816
Ion Ratio Lower Upper
75 100
77 0.9 98.5 295.5#

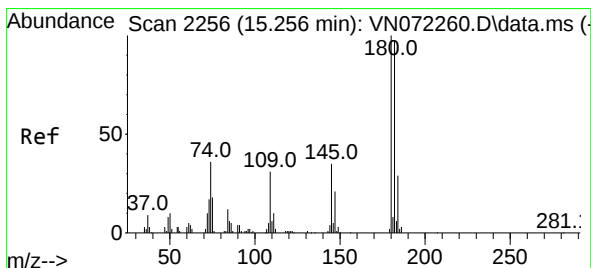
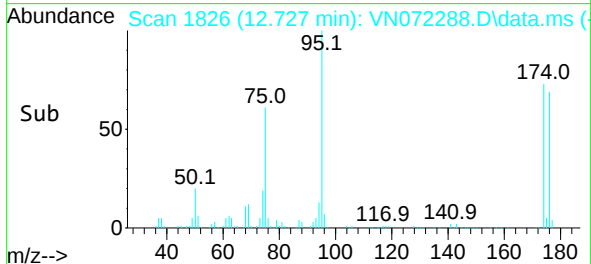
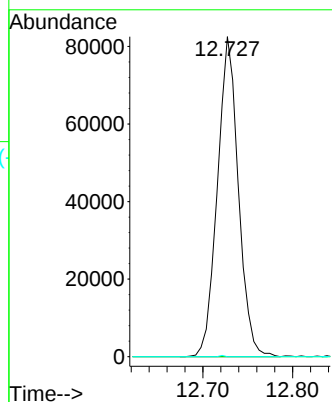
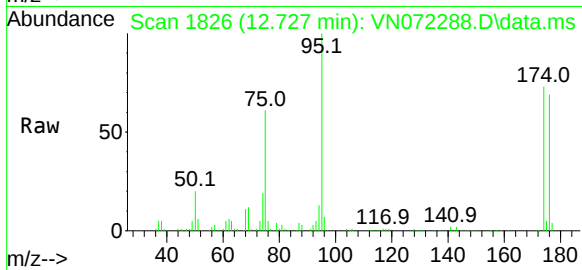




#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.126 ug/l
 RT: 12.727 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VN072288.D
 Acq: 02 May 2022 11:35

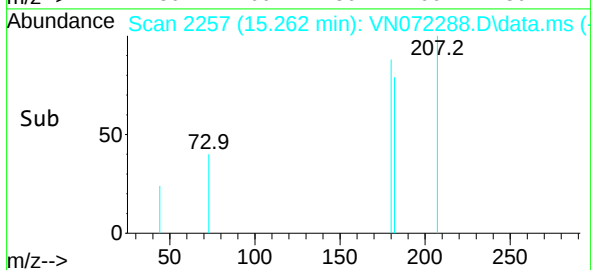
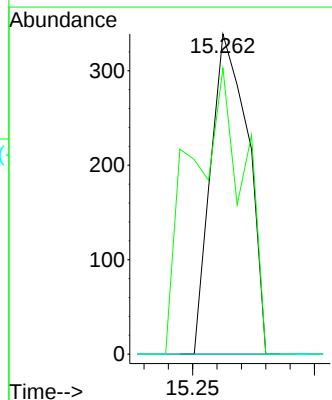
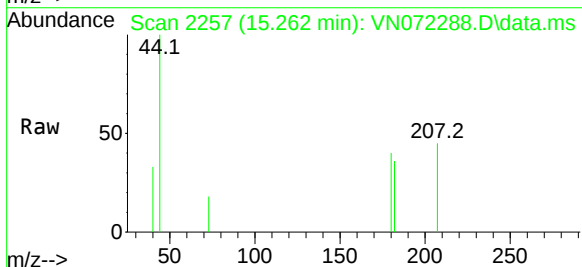
Instrument :
 MSVOA_N
 ClientSampleId :

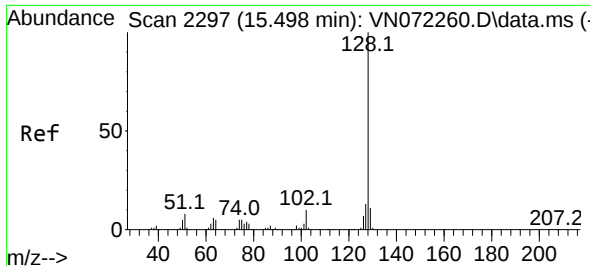
Tgt Ion: 75 Resp: 133816
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.1 37.2 55.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.545 ug/l
 RT: 15.262 min Scan# 2257
 Delta R.T. 0.005 min
 Lab File: VN072288.D
 Acq: 02 May 2022 11:35

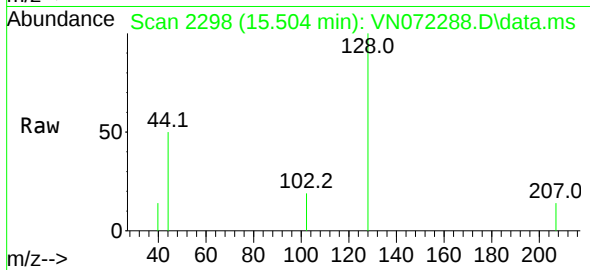
Tgt Ion:180 Resp: 359
 Ion Ratio Lower Upper
 180 100
 182 127.9 47.5 142.5
 145 0.0 14.5 43.5#



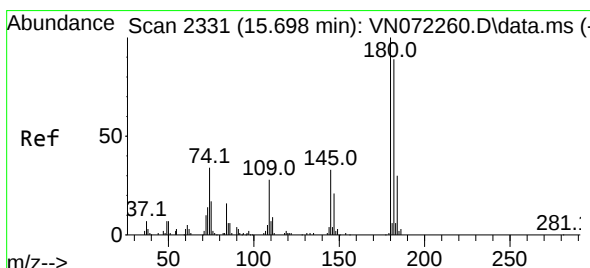
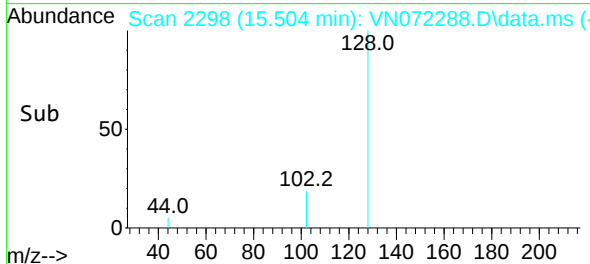
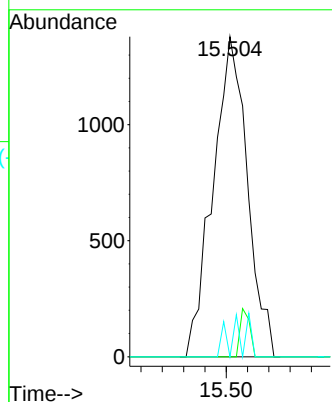


#95
Naphthalene
Concen: 4.607 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072288.D
Acq: 02 May 2022 11:35

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 3093
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 1.7 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.855 ug/l
RT: 15.709 min Scan# 2333
Delta R.T. 0.017 min
Lab File: VN072288.D
Acq: 02 May 2022 11:35

Tgt Ion:180 Resp: 522
Ion Ratio Lower Upper
180 100
182 64.4 47.8 143.3
145 23.9 15.5 46.5

