

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050622\
 Data File : VN072358.D
 Acq On : 06 May 2022 16:35
 Operator : JC\MD
 Sample : N2725-09 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1593

Quant Time: May 09 03:14:10 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)

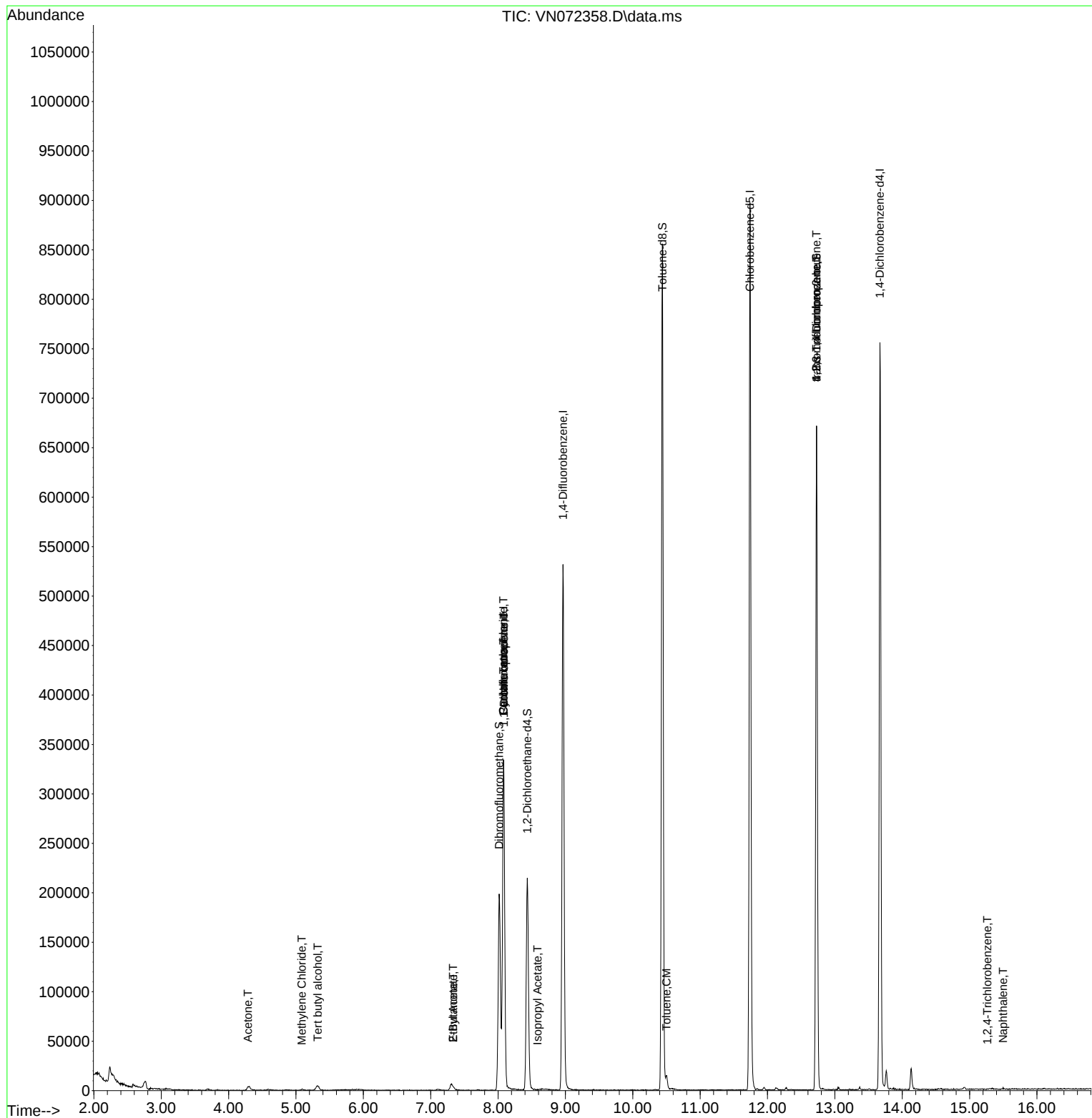
Internal Standards						
1) Pentafluorobenzene	8.081	168	242575	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	459345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	502573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	209952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	184680	49.591	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.180%		
35) Dibromofluoromethane	8.016	113	143179	48.699	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.400%		
50) Toluene-d8	10.439	98	586381	50.757	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.520%		
62) 4-Bromofluorobenzene	12.727	95	229401	59.825	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	119.640%		
Target Compounds						
						Qvalue
3) Chloromethane	2.304	50	793	Below Cal	#	43
5) Bromomethane	2.857	94	355	Below Cal	#	72
6) Chloroethane	3.010	64	516	Below Cal	#	42
11) Tert butyl alcohol	5.322	59	4473	7.309	ug/l #	72
16) Acetone	4.287	43	4419	2.752	ug/l #	83
20) Methylene Chloride	5.087	84	709	0.230	ug/l #	39
25) 2-Butanone	7.334	43	2639	1.032	ug/l	92
31) Cyclohexane	8.081	56	4955	0.996	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	20439	4.776	ug/l #	49
37) Ethyl Acetate	7.334	43	2639	0.464	ug/l #	67
38) Carbon Tetrachloride	8.081	117	26351	5.749	ug/l #	16
43) Isopropyl Acetate	8.586	43	68	0.809	ug/l #	53
52) Toluene	10.498	92	3521	0.444	ug/l	84
75) 1,1,2,2-Tetrachloroethane	12.739	83	128	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	124938	26.462	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	124938	68.807	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.262	180	60	2.437	ug/l #	12
95) Naphthalene	15.498	128	886	4.374	ug/l #	69

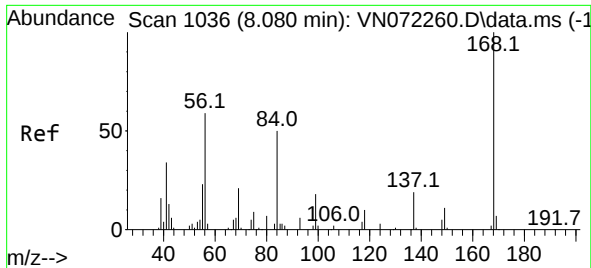
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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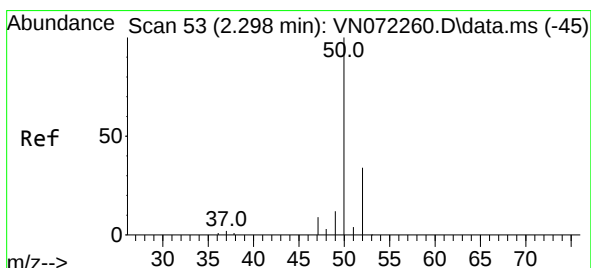
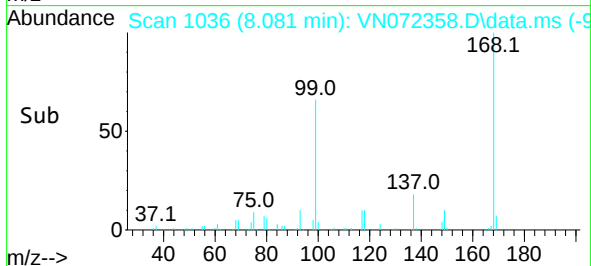
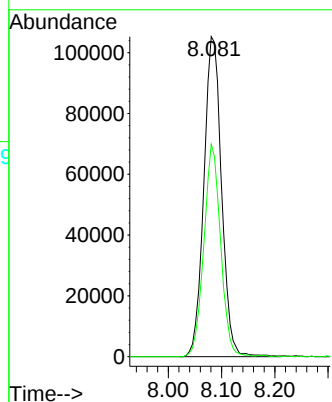
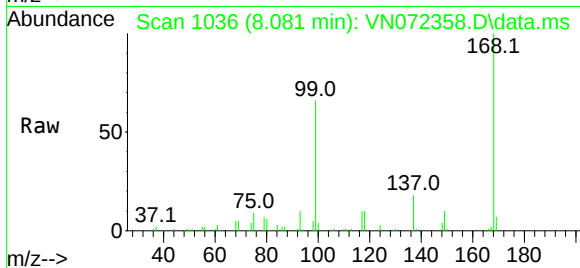




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072358.D
Acq: 06 May 2022 16:35

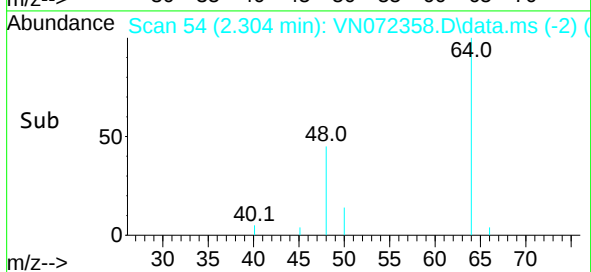
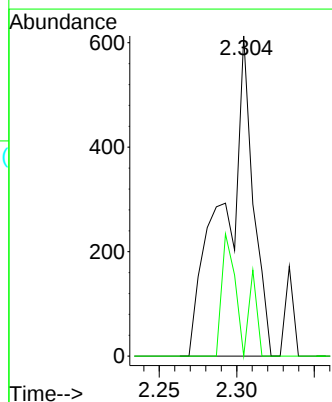
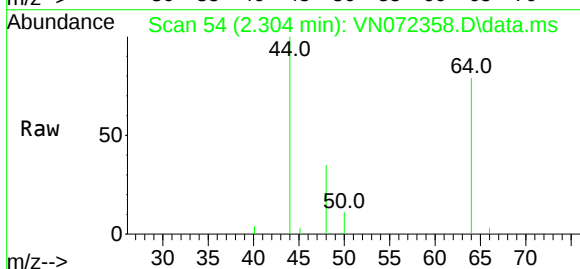
Instrument :
MSVOA_N
ClientSampleId :
TRE-1593

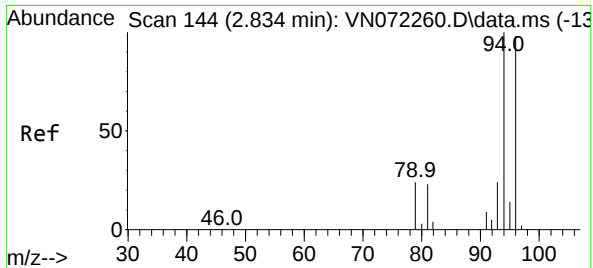
Tgt Ion:168 Resp: 242575
Ion Ratio Lower Upper
168 100
99 66.3 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072358.D
Acq: 06 May 2022 16:35

Tgt Ion: 50 Resp: 793
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

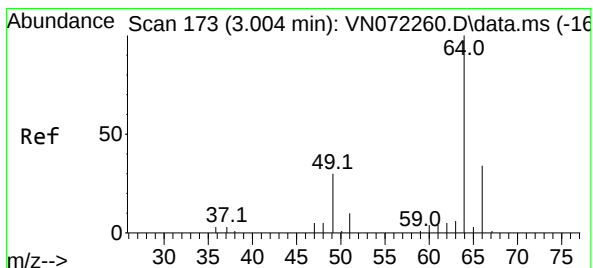
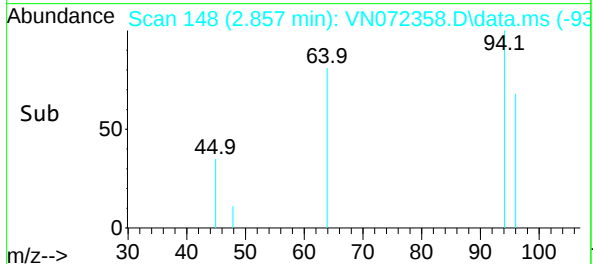
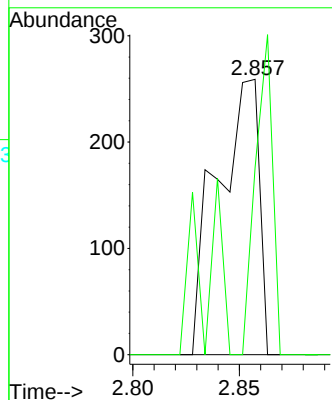
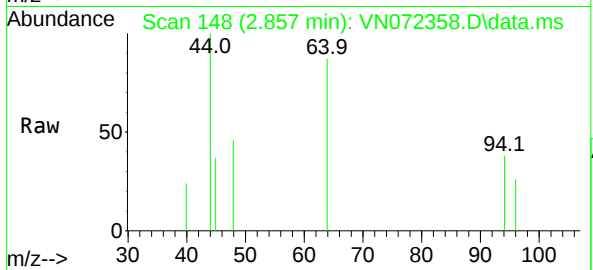




#5
Bromomethane
Concen: Below Cal
RT: 2.857 min Scan# 14
Delta R.T. 0.023 min
Lab File: VN072358.D
Acq: 06 May 2022 16:35

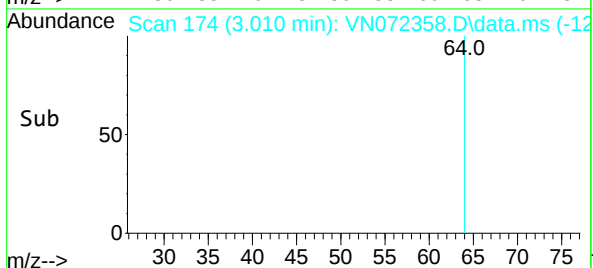
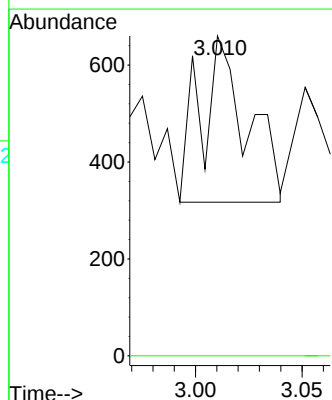
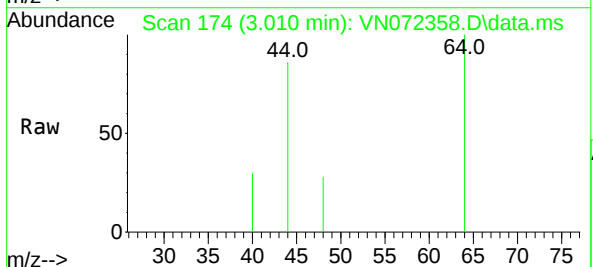
Instrument :
MSVOA_N
ClientSampleId :
TRE-1593

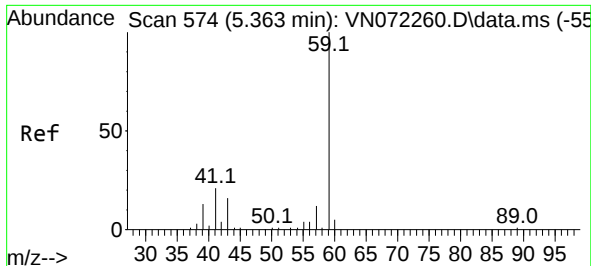
Tgt Ion: 94 Resp: 355
Ion Ratio Lower Upper
94 100
96 68.0 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 3.010 min Scan# 174
Delta R.T. 0.005 min
Lab File: VN072358.D
Acq: 06 May 2022 16:35

Tgt Ion: 64 Resp: 516
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

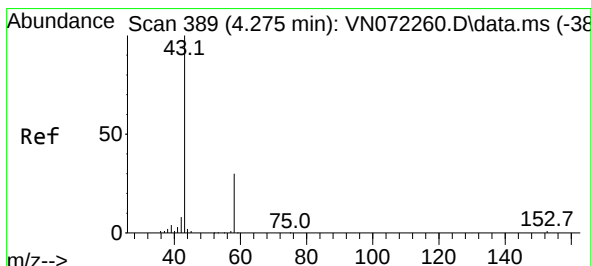
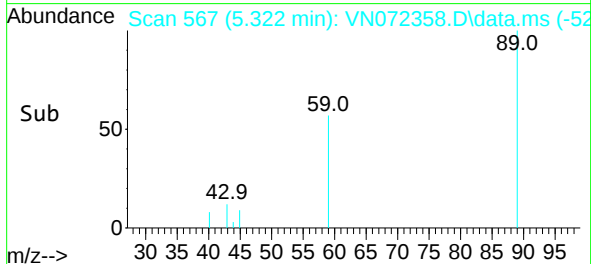
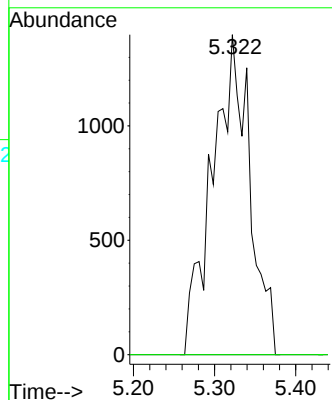
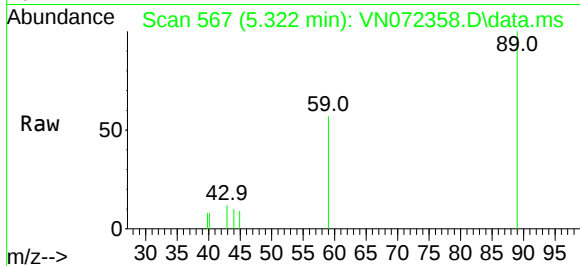




#11
Tert butyl alcohol
Concen: 7.309 ug/l
RT: 5.322 min Scan# 50
Delta R.T. -0.041 min
Lab File: VN072358.D
Acq: 06 May 2022 16:35

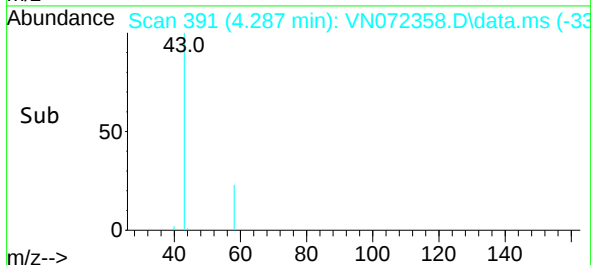
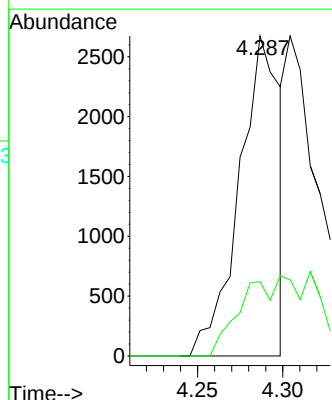
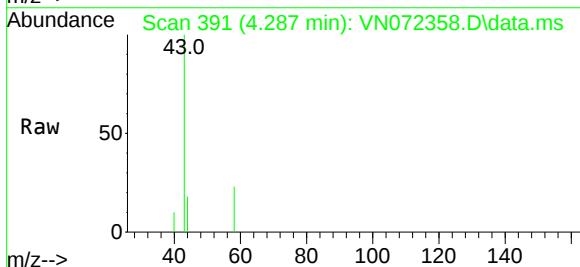
Instrument :
MSVOA_N
ClientSampleId :
TRE-1593

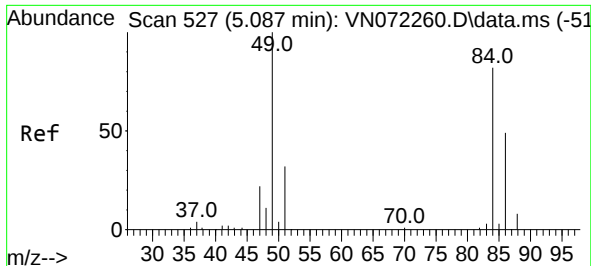
Tgt Ion: 59 Resp: 4473
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 2.752 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072358.D
Acq: 06 May 2022 16:35

Tgt Ion: 43 Resp: 4419
Ion Ratio Lower Upper
43 100
58 23.2 26.0 39.0#

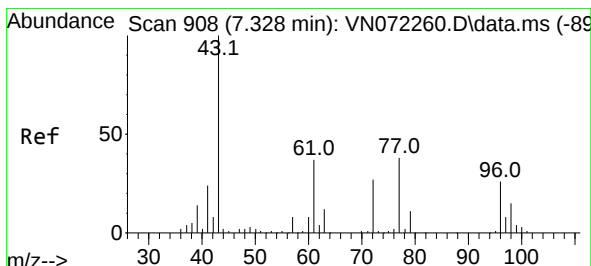
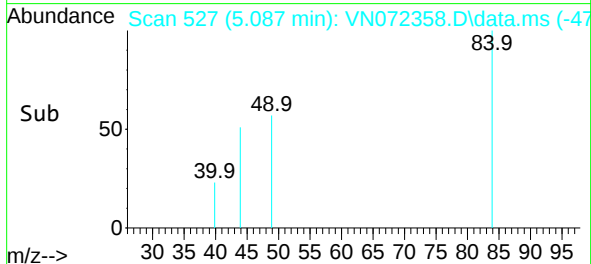
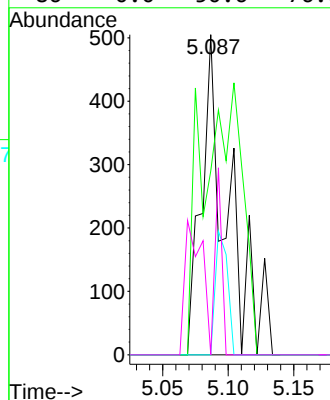
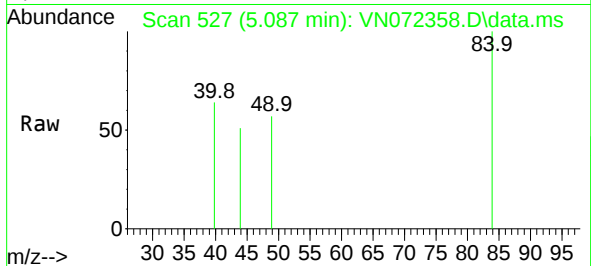




#20
Methylene Chloride
Concen: 0.230 ug/l
RT: 5.087 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072358.D
Acq: 06 May 2022 16:35

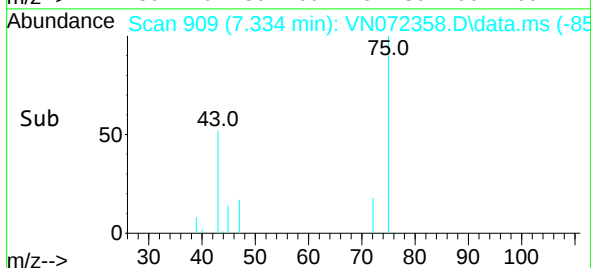
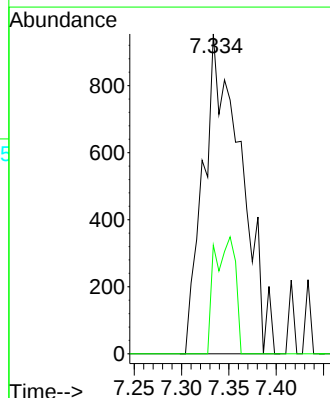
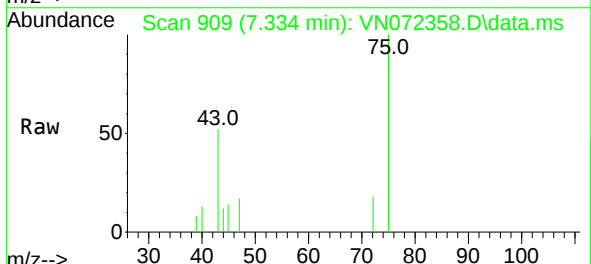
Instrument :
MSVOA_N
ClientSampleId :
TRE-1593

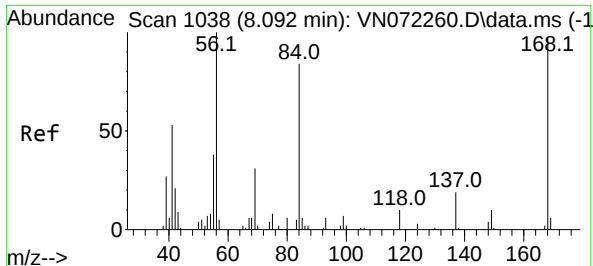
Tgt Ion:	84	Resp:	709
Ion	Ratio	Lower	Upper
84	100		
49	57.4	88.3	132.5#
51	0.0	28.2	42.2#
86	0.0	50.6	76.0#



#25
2-Butanone
Concen: 1.032 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072358.D
Acq: 06 May 2022 16:35

Tgt Ion:	43	Resp:	2639
Ion	Ratio	Lower	Upper
43	100		
72	34.0	23.7	35.5

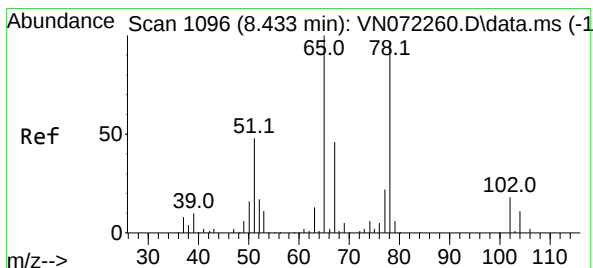
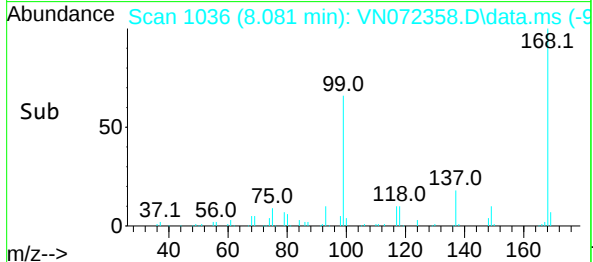
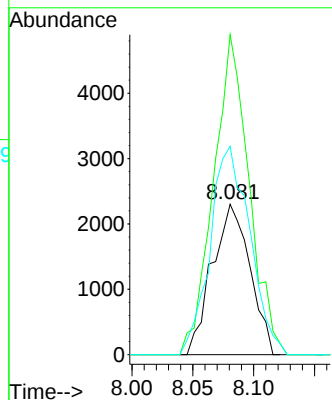
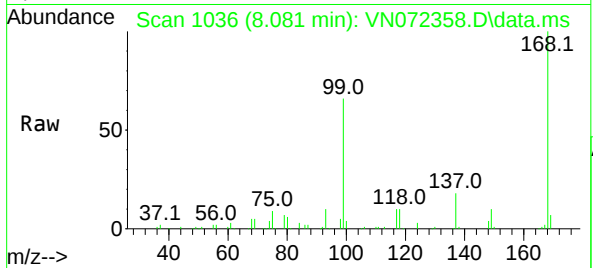




#31
Cyclohexane
Concen: 0.996 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072358.D
Acq: 06 May 2022 16:35

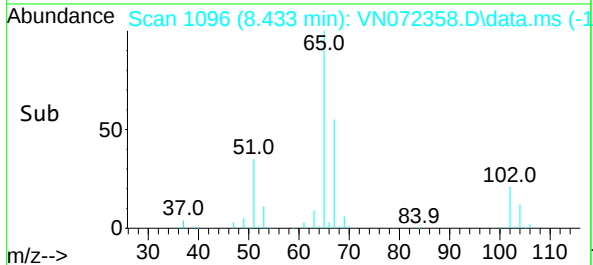
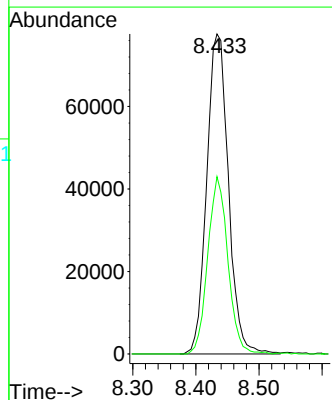
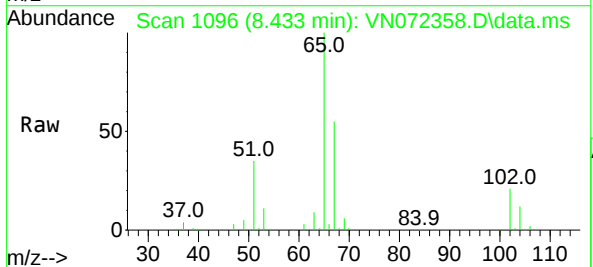
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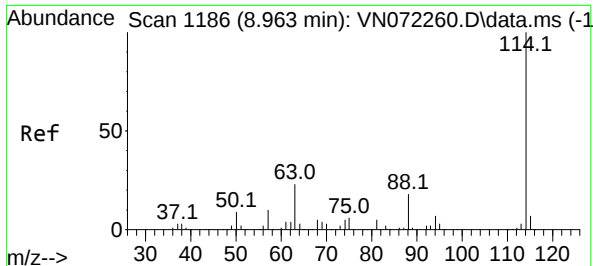
Tgt Ion: 56 Resp: 4955
Ion Ratio Lower Upper
56 100
69 212.8 27.8 41.8#
84 138.5 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 49.591 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072358.D
Acq: 06 May 2022 16:35

Tgt Ion: 65 Resp: 184680
Ion Ratio Lower Upper
65 100
67 51.5 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: VN072358.D

Acq: 06 May 2022 16:35

Instrument :

MSVOA_N

ClientSampleId :

TRE-1593

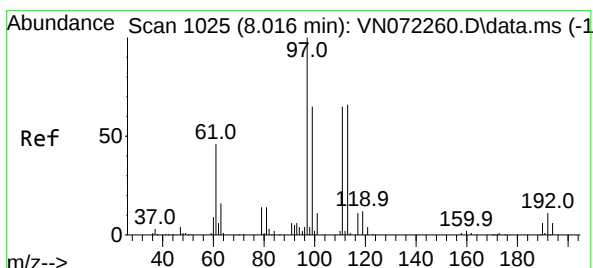
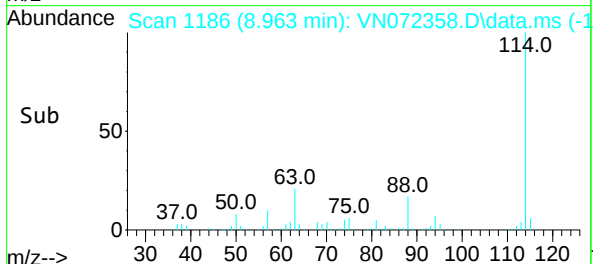
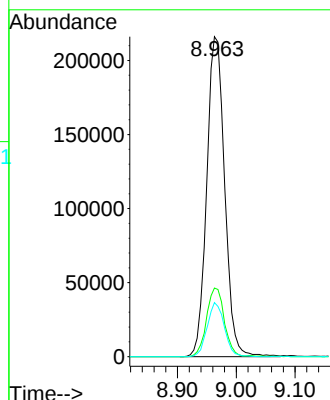
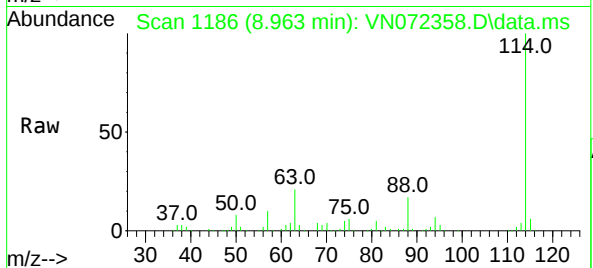
Tgt Ion:114 Resp: 459345

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 16.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.699 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072358.D

Acq: 06 May 2022 16:35

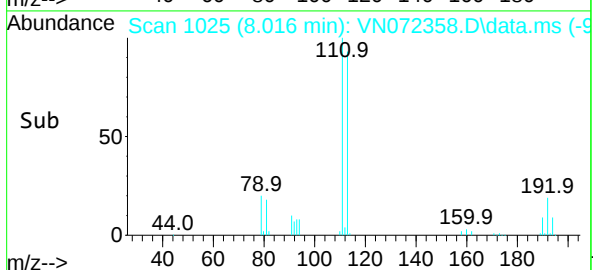
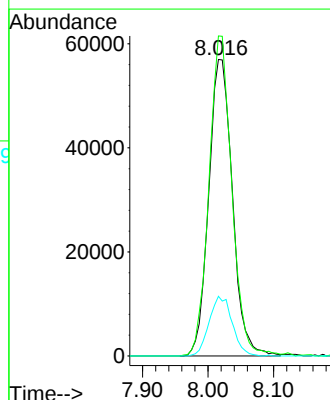
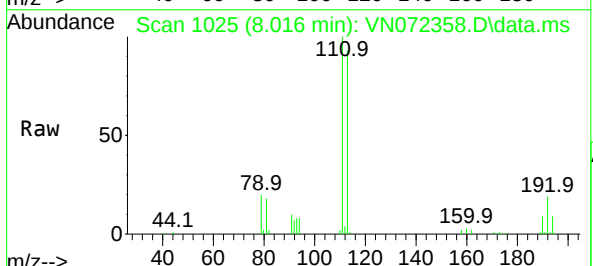
Tgt Ion:113 Resp: 143179

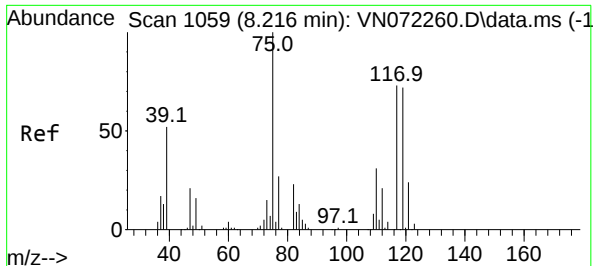
Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 19.6 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.776 ug/l

RT: 8.086 min Scan# 1

Delta R.T. -0.130 min

Lab File: VN072358.D

Acq: 06 May 2022 16:35

Instrument :

MSVOA_N

ClientSampleId :

TRE-1593

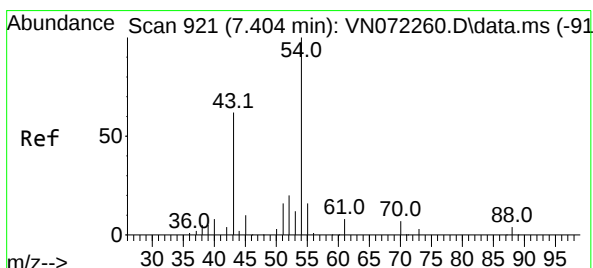
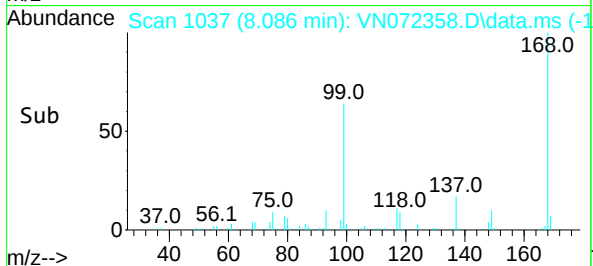
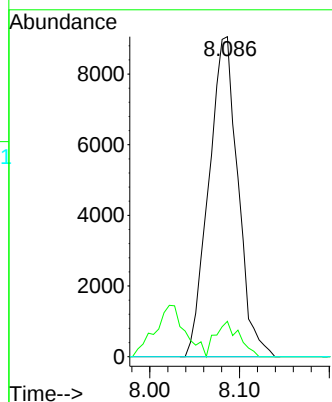
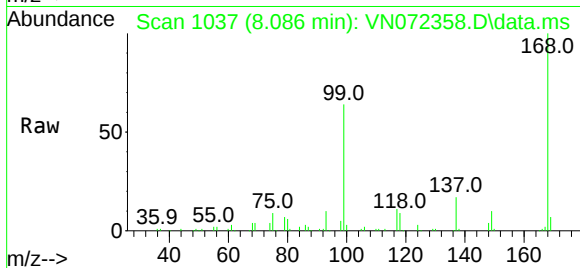
Tgt Ion: 75 Resp: 20439

Ion Ratio Lower Upper

75 100

110 9.0 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 0.464 ug/l

RT: 7.334 min Scan# 909

Delta R.T. -0.076 min

Lab File: VN072358.D

Acq: 06 May 2022 16:35

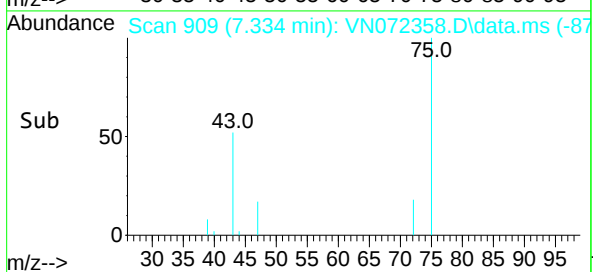
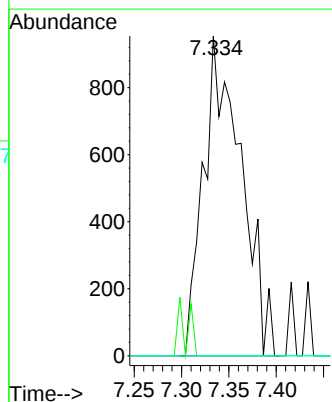
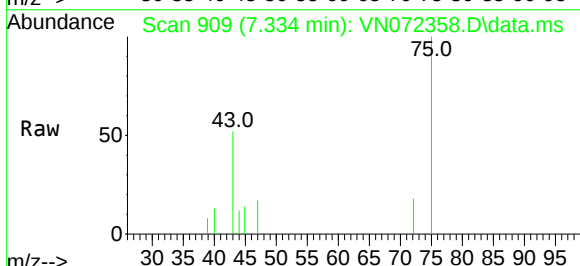
Tgt Ion: 43 Resp: 2639

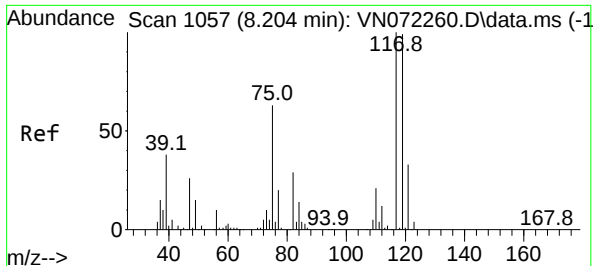
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

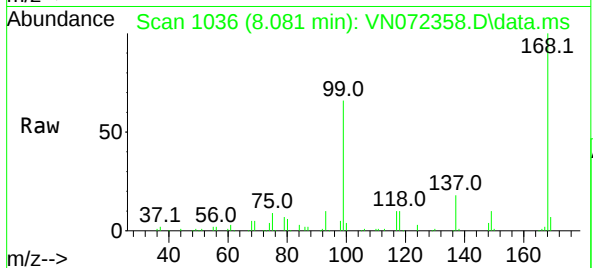
70 0.0 9.3 13.9#



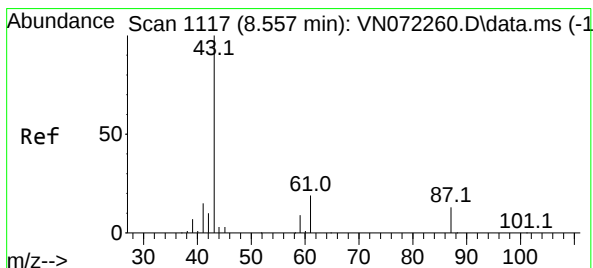
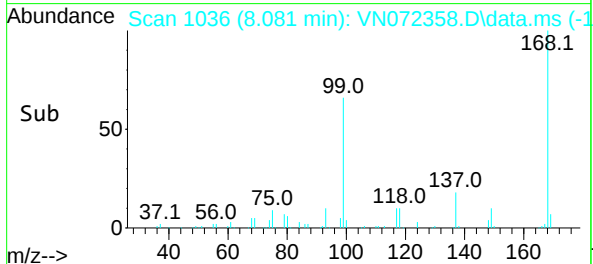
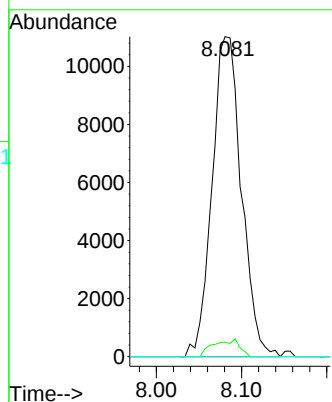


#38
Carbon Tetrachloride
Concen: 5.749 ug/l
RT: 8.081 min Scan# 110
Delta R.T. -0.123 min
Lab File: VN072358.D
Acq: 06 May 2022 16:35

Instrument :
MSVOA_N
ClientSampleId :
TRE-1593

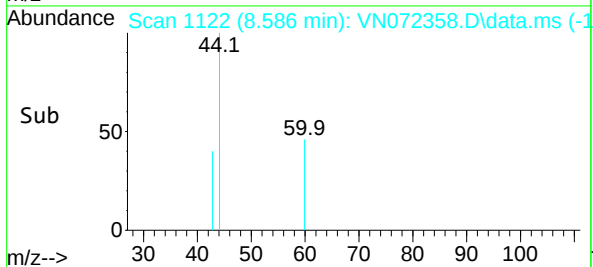
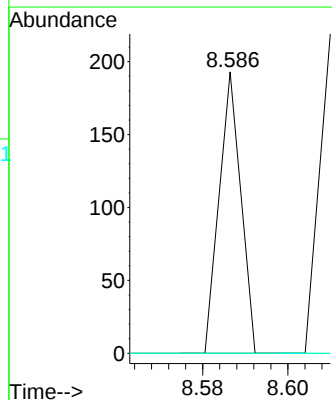
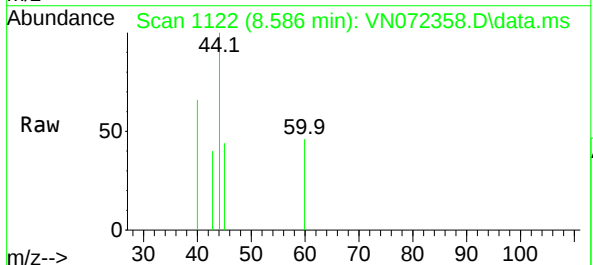


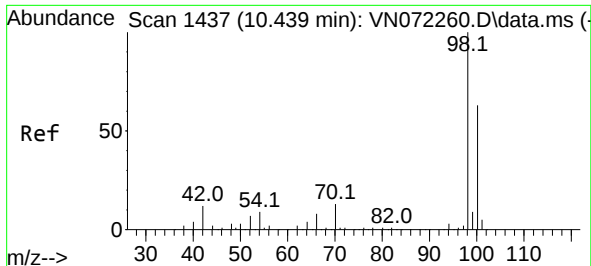
Tgt Ion: 117 Resp: 26351
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.809 ug/l
RT: 8.586 min Scan# 1122
Delta R.T. 0.029 min
Lab File: VN072358.D
Acq: 06 May 2022 16:35

Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

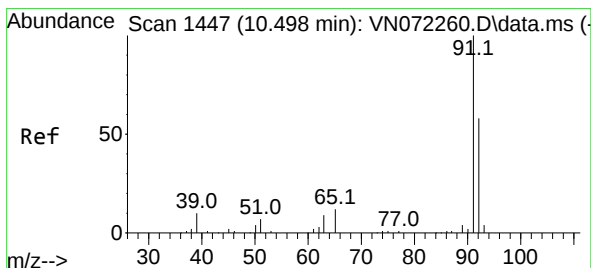
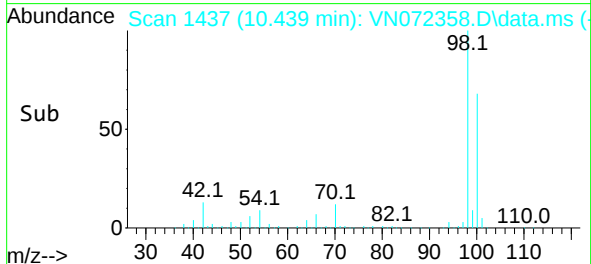
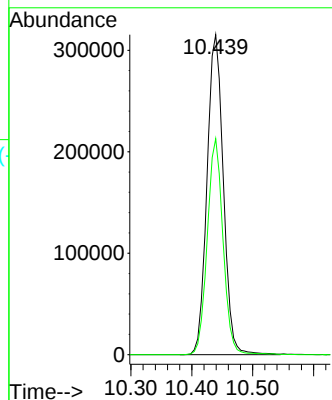
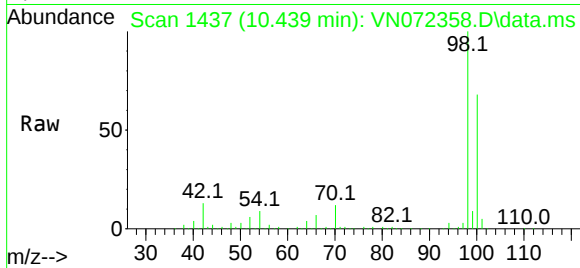




#50
Toluene-d8
Concen: 50.757 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072358.D
Acq: 06 May 2022 16:35

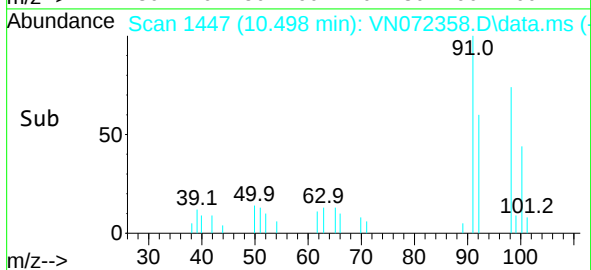
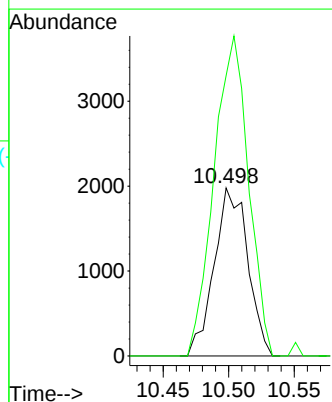
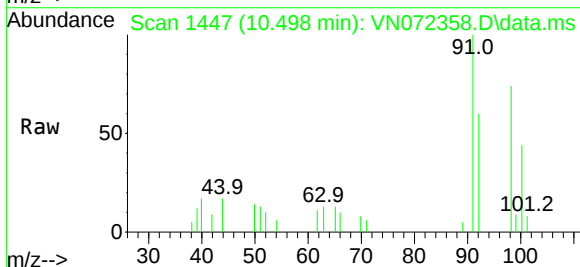
Instrument :
MSVOA_N
ClientSampleId :
TRE-1593

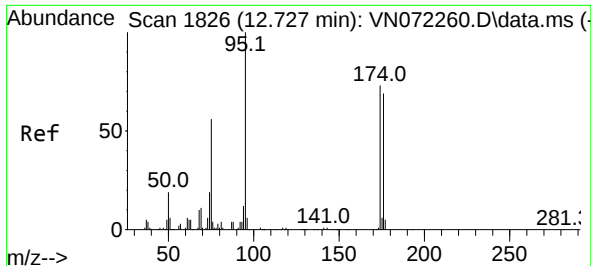
Tgt Ion: 98 Resp: 586381
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#52
Toluene
Concen: 0.444 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072358.D
Acq: 06 May 2022 16:35

Tgt Ion: 92 Resp: 3521
Ion Ratio Lower Upper
92 100
91 196.0 138.6 207.8

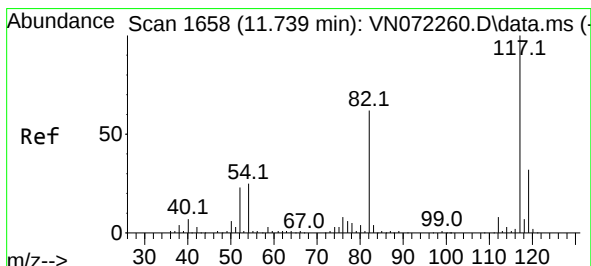
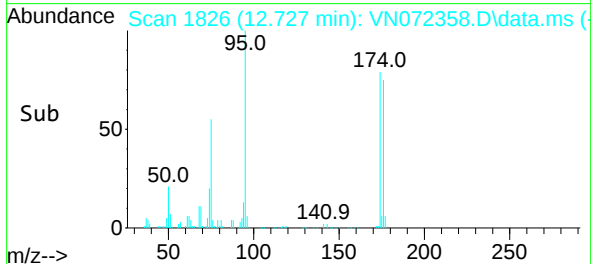
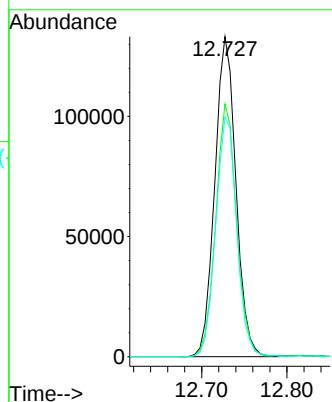
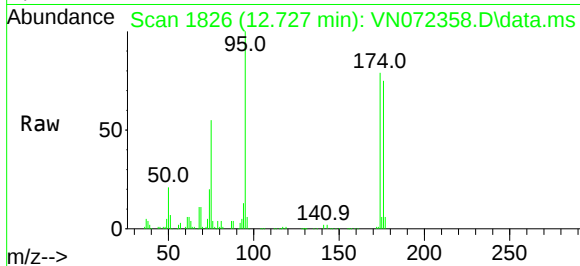




#62
4-Bromofluorobenzene
Concen: 59.825 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072358.D
Acq: 06 May 2022 16:35

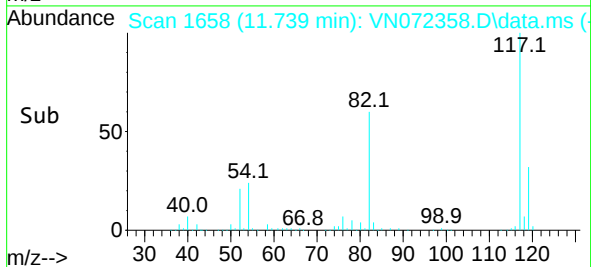
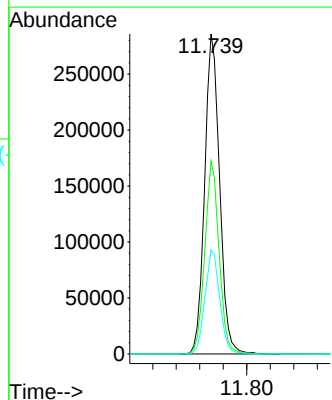
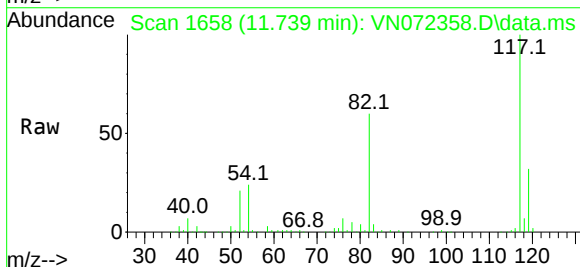
Instrument :
MSVOA_N
ClientSampleId :
TRE-1593

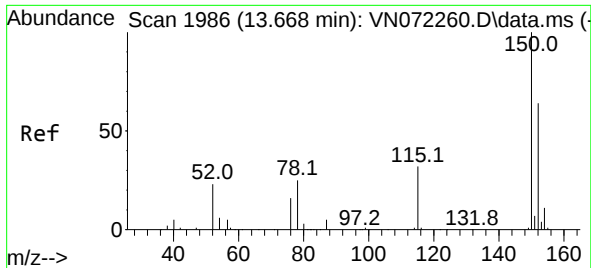
Tgt Ion: 95 Resp: 229401
Ion Ratio Lower Upper
95 100
174 78.1 0.0 167.6
176 74.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072358.D
Acq: 06 May 2022 16:35

Tgt Ion: 117 Resp: 502573
Ion Ratio Lower Upper
117 100
82 60.2 44.2 66.2
119 32.5 25.4 38.0

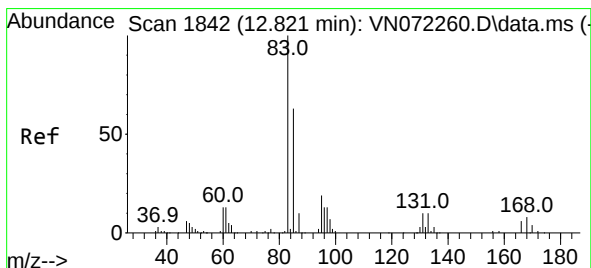
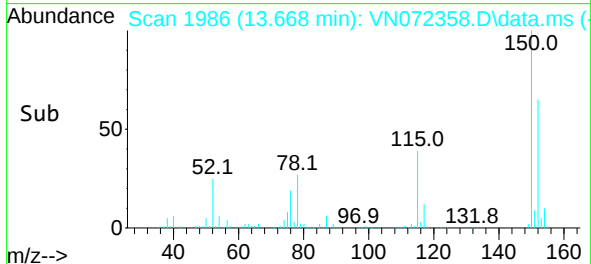
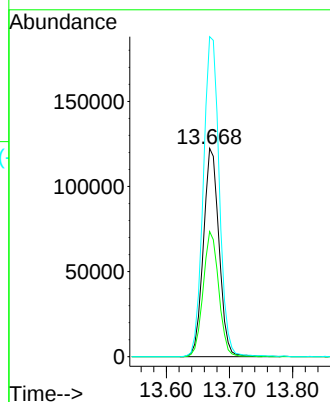
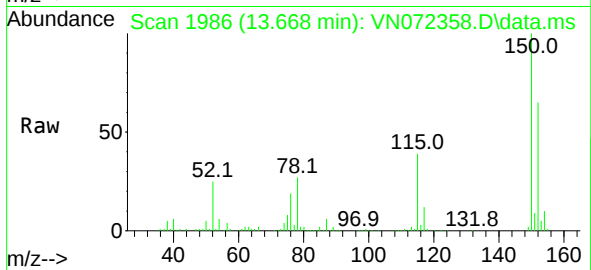




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072358.D
 Acq: 06 May 2022 16:35

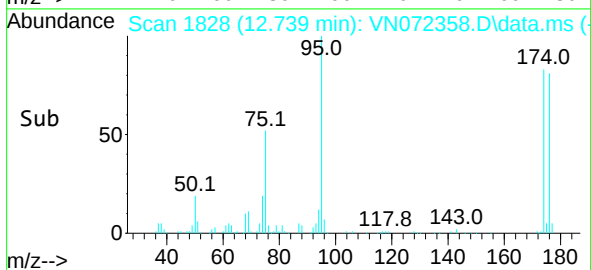
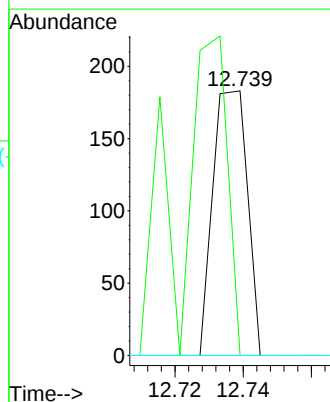
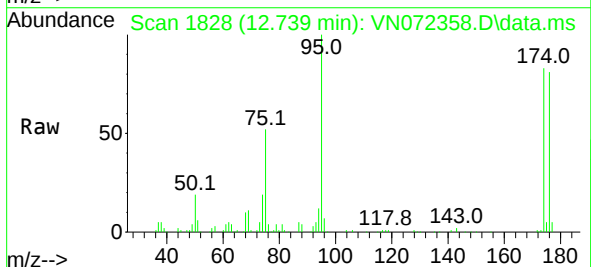
Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1593

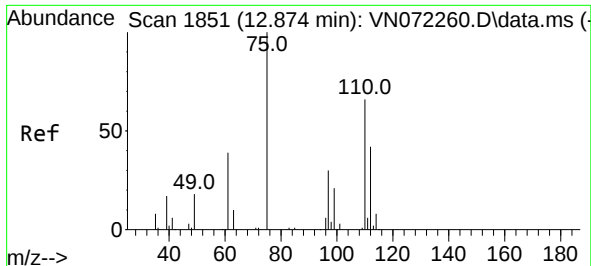
Tgt Ion:152 Resp: 209952
 Ion Ratio Lower Upper
 152 100
 115 59.8 28.9 86.7
 150 157.5 0.0 356.2



#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.739 min Scan# 1828
 Delta R.T. -0.083 min
 Lab File: VN072358.D
 Acq: 06 May 2022 16:35

Tgt Ion: 83 Resp: 128
 Ion Ratio Lower Upper
 83 100
 131 168.8 5.3 15.9#
 85 0.0 32.3 96.9#

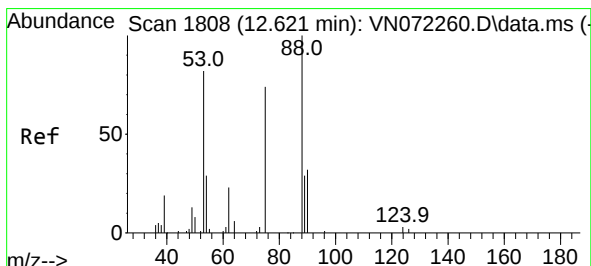
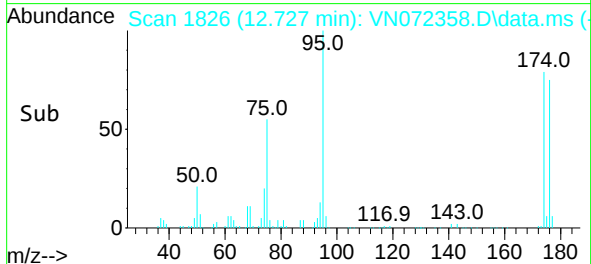
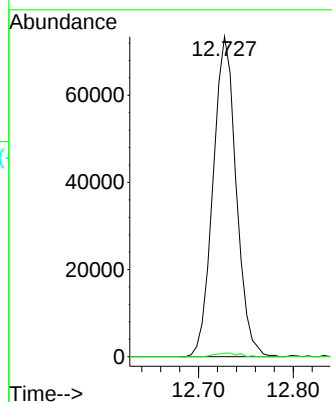
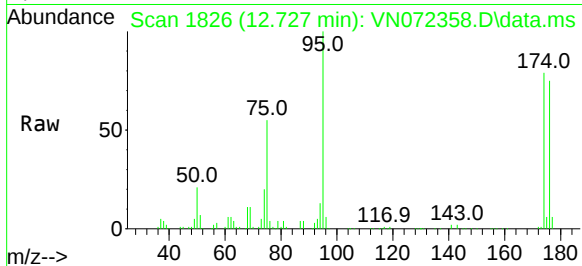




#76
1,2,3-Trichloropropane
Concen: 26.462 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072358.D
Acq: 06 May 2022 16:35

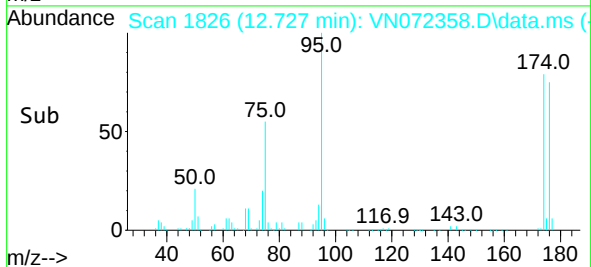
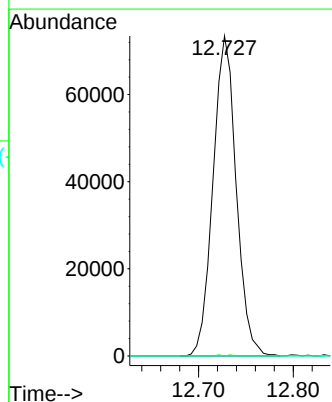
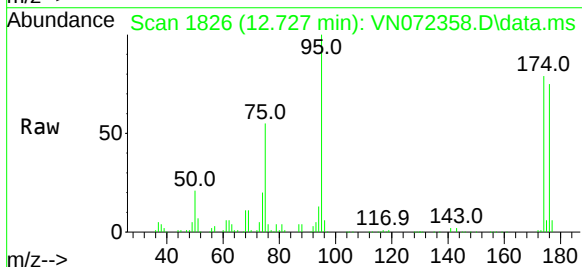
Instrument :
MSVOA_N
ClientSampleId :
TRE-1593

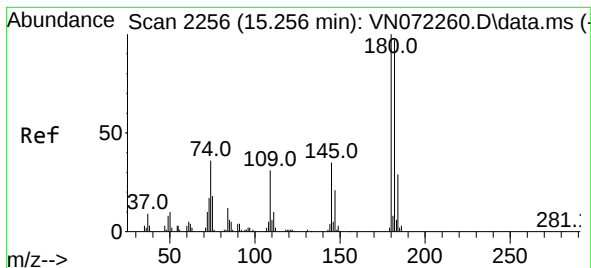
Tgt Ion: 75 Resp: 124938
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.807 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072358.D
Acq: 06 May 2022 16:35

Tgt Ion: 75 Resp: 124938
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#93

1,2,4-Trichlorobenzene

Concen: 2.437 ug/l

RT: 15.262 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN072358.D

Acq: 06 May 2022 16:35

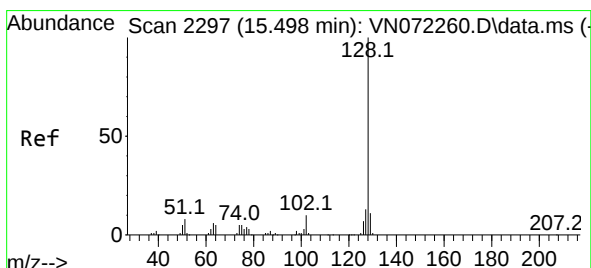
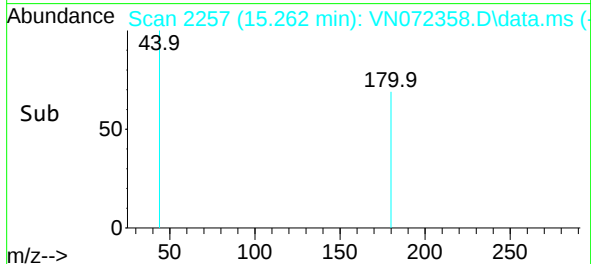
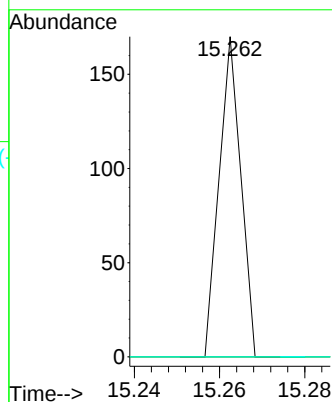
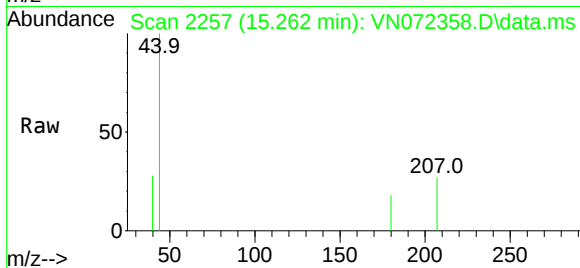
Instrument :

MSVOA_N

ClientSampleId :

TRE-1593

Tgt Ion:180	Resp:	60
Ion Ratio	Lower	Upper
180	100	
182	0.0	47.5 142.5#
145	0.0	14.5 43.5#



#95

Naphthalene

Concen: 4.374 ug/l

RT: 15.498 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VN072358.D

Acq: 06 May 2022 16:35

Tgt Ion:128	Resp:	886
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.3 15.5#
129	0.0	8.6 13.0#

