

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072732.D
 Acq On : 09 Jun 2022 15:51
 Operator : JC\MD
 Sample : N3181-04DL 1000X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-31702DL

Quant Time: Jun 09 16:42:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

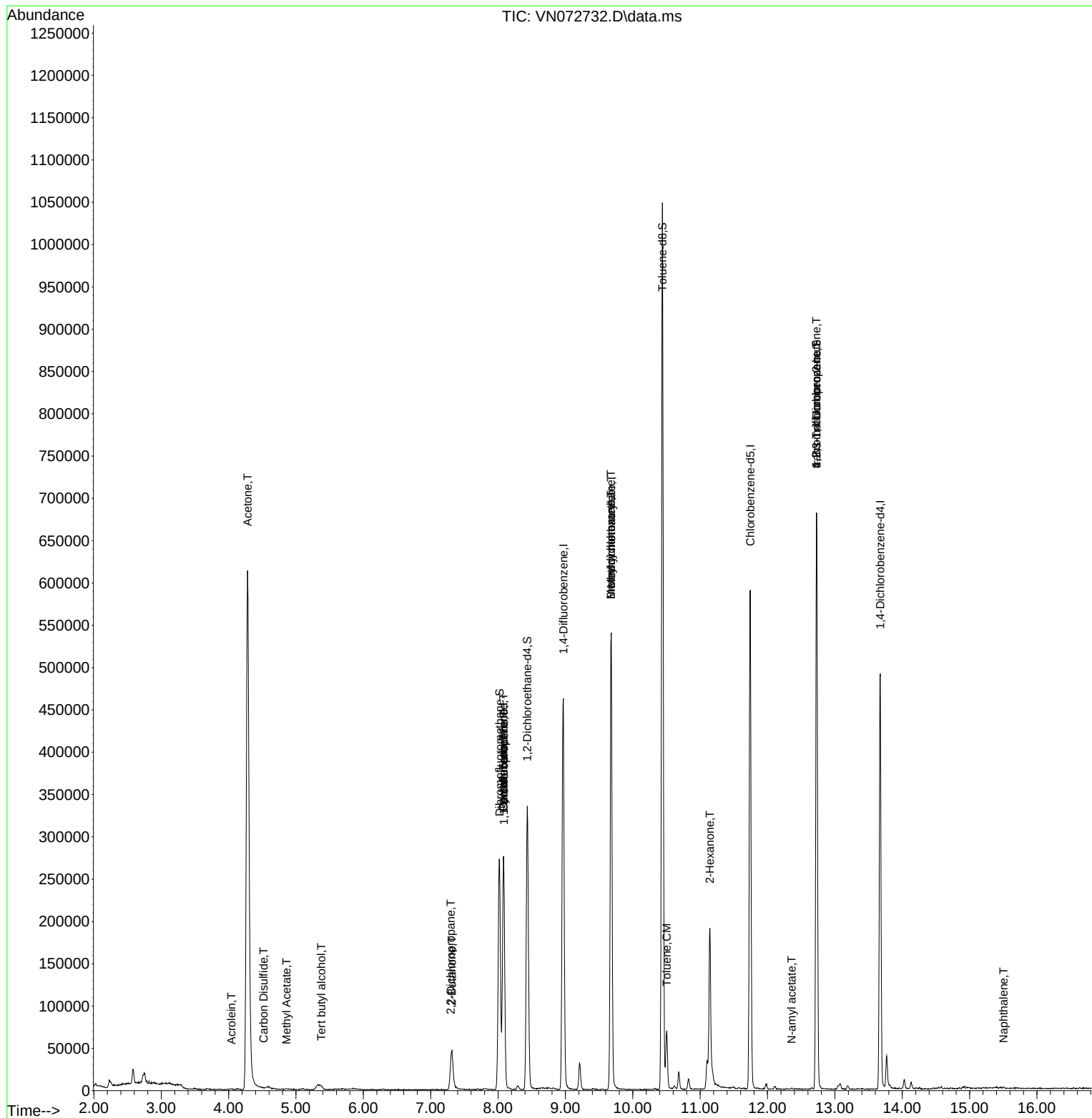
Internal Standards						
1) Pentafluorobenzene	8.081	168	177193	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.969	114	345050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	316736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	116809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	279645	58.802	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 117.600%	
35) Dibromofluoromethane	8.022	113	196112	57.440	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 114.880%	
50) Toluene-d8	10.439	98	672550	49.372	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.740%	
62) 4-Bromofluorobenzene	12.727	95	238059	50.929	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.860%	
Target Compounds						
						Qvalue
3) Chloromethane	2.293	50	722	Below Cal		92
5) Bromomethane	2.781	94	58	Below Cal	#	2
6) Chloroethane	3.034	64	402	Below Cal	#	42
11) Tert butyl alcohol	5.375	59	7733	6.816	ug/l	# 90
13) Acrolein	4.040	56	1052	2.245	ug/l	96
16) Acetone	4.281	43	1153629	506.239	ug/l	91
17) Carbon Disulfide	4.522	76	75	0.295	ug/l	# 75
18) Methyl Acetate	4.857	43	1821	0.307	ug/l	# 62
20) Methylene Chloride	5.104	84	602	Below Cal	#	61
25) 2-Butanone	7.316	43	6505	1.775	ug/l	# 45
26) 2,2-Dichloropropane	7.298	77	3161	0.563	ug/l	# 53
31) Cyclohexane	8.081	56	6726	0.634	ug/l	# 19
36) 1,1-Dichloropropene	8.086	75	19787	4.175	ug/l	# 48
38) Carbon Tetrachloride	8.081	117	22383	4.420	ug/l	# 15
39) Methylcyclohexane	9.675	83	2712	0.493	ug/l	# 42
47) Bromodichloromethane	9.675	83	2712	0.486	ug/l	# 82
48) Methyl methacrylate	9.680	41	71820	13.238	ug/l	# 39
52) Toluene	10.504	92	25962	2.891	ug/l	99
59) 2-Hexanone	11.145	43	63302	11.528	ug/l	# 35
74) N-amyl acetate	12.357	43	1739	0.299	ug/l	# 39
76) 1,2,3-Trichloropropane	12.727	75	139950	37.128	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	139950	97.101	ug/l	# 10
95) Naphthalene	15.504	128	2147	0.280	ug/l	# 81

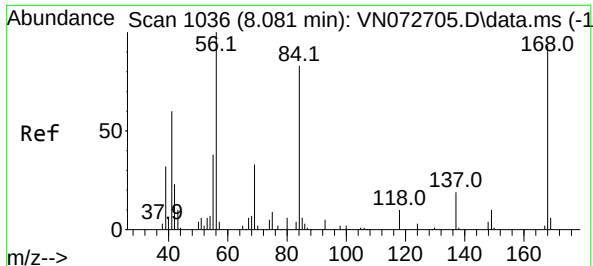
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
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Sample : N3181-04DL 1000X
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Instrument :
MSVOA_N
ClientSampleId :
TRE-31702DL

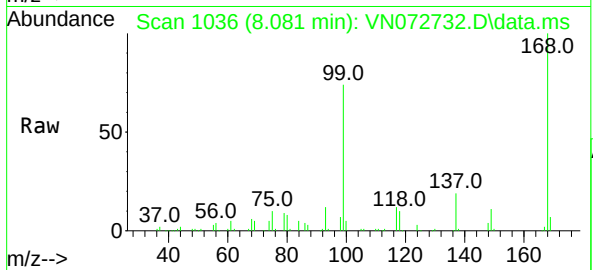
Quant Time: Jun 09 16:42:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 05:17:31 2022
Response via : Initial Calibration



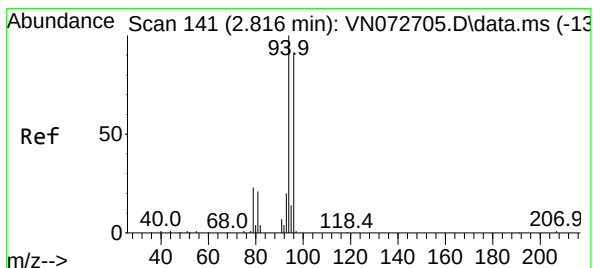
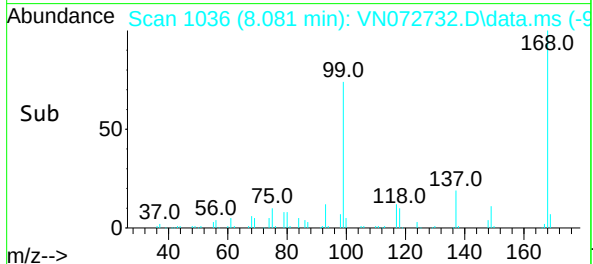
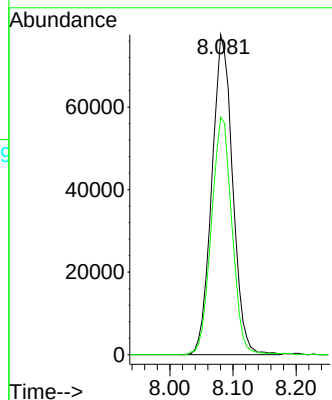


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072732.D
Acq: 09 Jun 2022 15:51

Instrument :
MSVOA_N
ClientSampleId :
TRE-31702DL

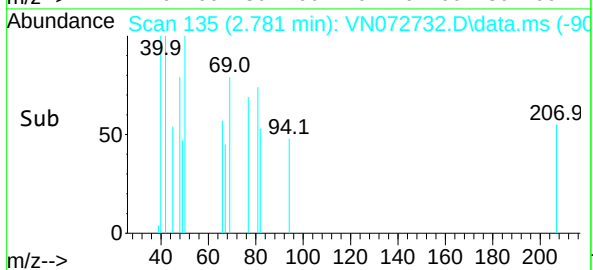
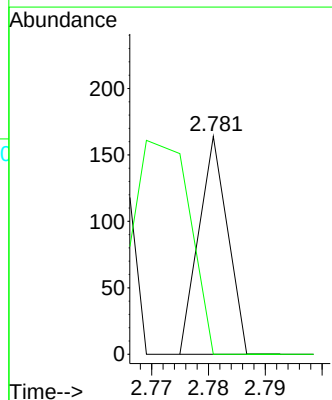
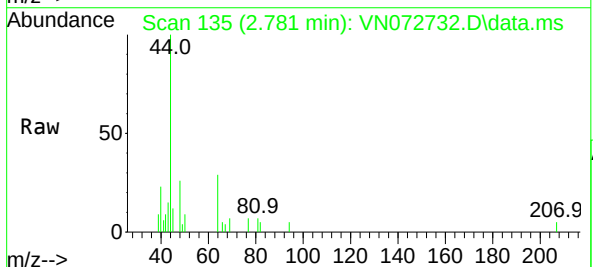


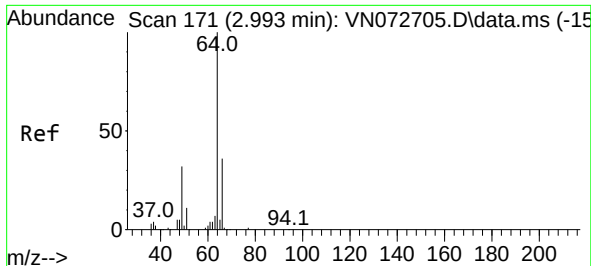
Tgt Ion:168 Resp: 177193
Ion Ratio Lower Upper
168 100
99 74.2 42.3 63.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.781 min Scan# 135
Delta R.T. -0.035 min
Lab File: VN072732.D
Acq: 09 Jun 2022 15:51

Tgt Ion: 94 Resp: 58
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#

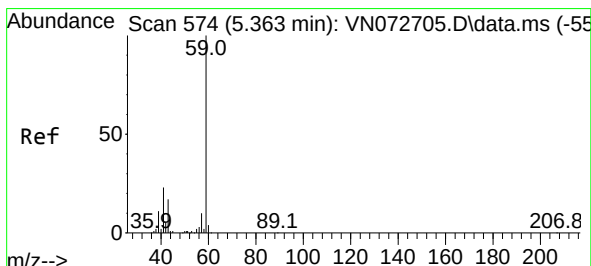
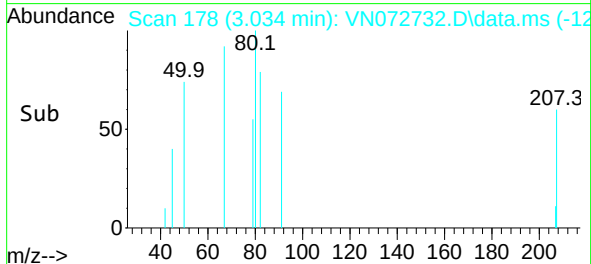
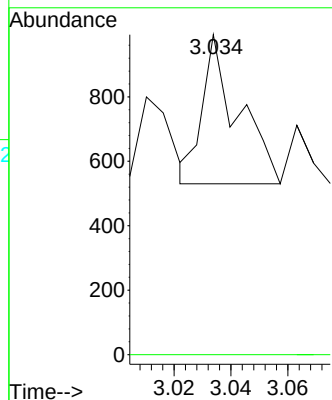
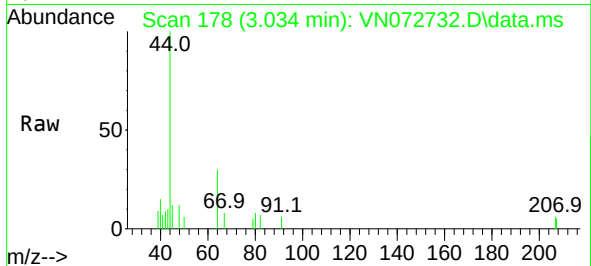




#6
Chloroethane
Concen: Below Cal
RT: 3.034 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN072732.D
Acq: 09 Jun 2022 15:51

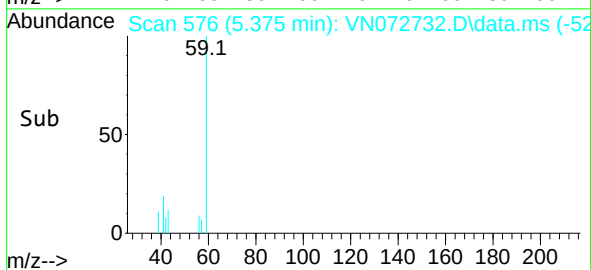
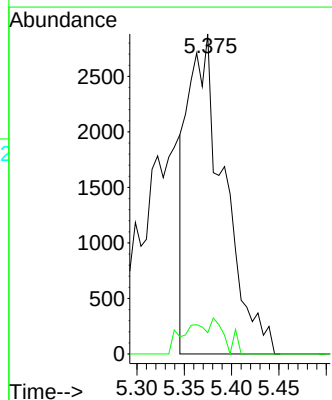
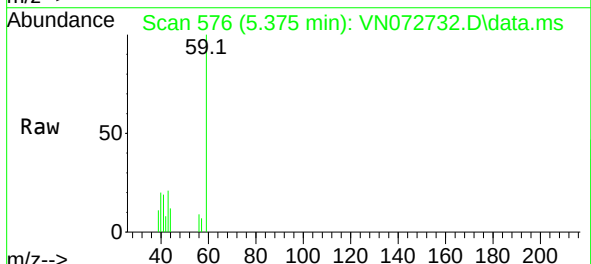
Instrument :
MSVOA_N
ClientSampleId :
TRE-31702DL

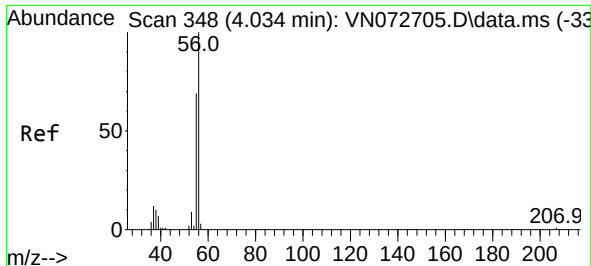
Tgt Ion: 64 Resp: 402
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 6.816 ug/l
RT: 5.375 min Scan# 576
Delta R.T. 0.012 min
Lab File: VN072732.D
Acq: 09 Jun 2022 15:51

Tgt Ion: 59 Resp: 7733
Ion Ratio Lower Upper
59 100
57 6.8 8.3 12.5#

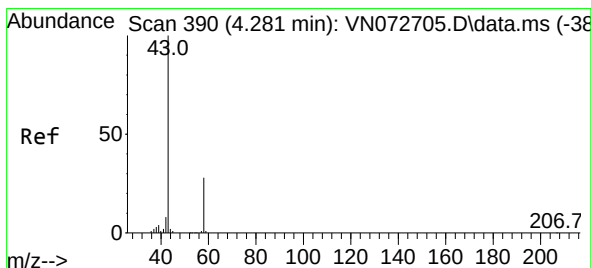
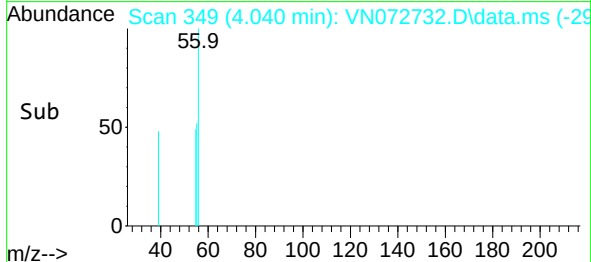
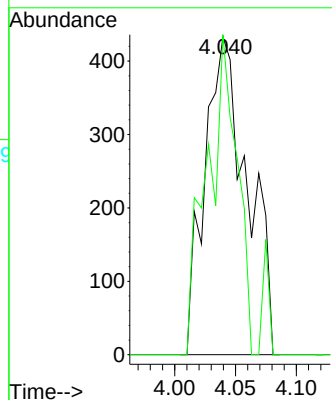
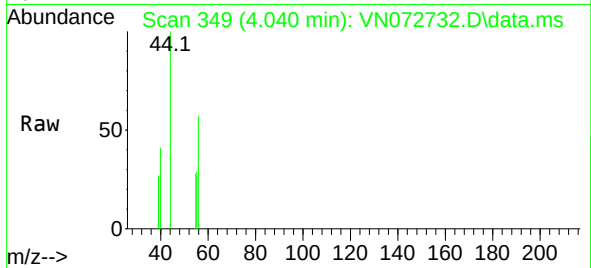




#13
Acrolein
Concen: 2.245 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN072732.D
Acq: 09 Jun 2022 15:51

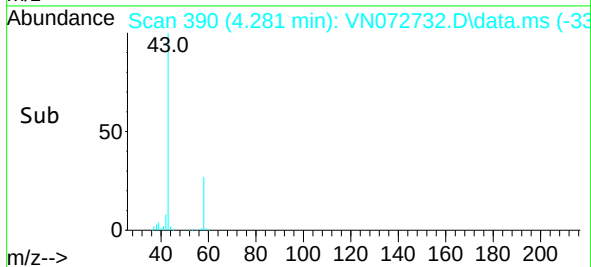
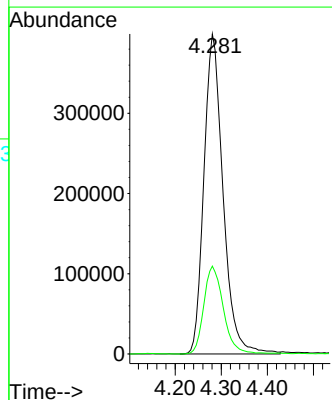
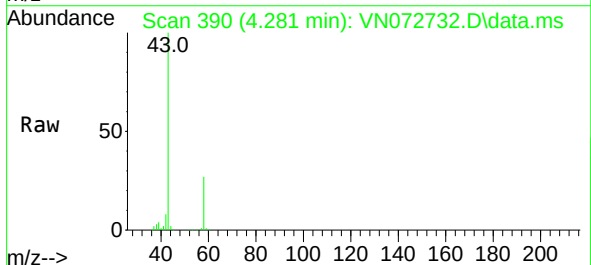
Instrument :
MSVOA_N
ClientSampleId :
TRE-31702DL

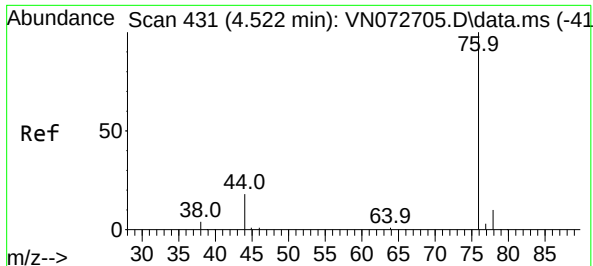
Tgt Ion: 56 Resp: 1052
Ion Ratio Lower Upper
56 100
55 71.5 54.8 82.2



#16
Acetone
Concen: 506.239 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072732.D
Acq: 09 Jun 2022 15:51

Tgt Ion: 43 Resp: 1153629
Ion Ratio Lower Upper
43 100
58 27.5 26.0 39.0

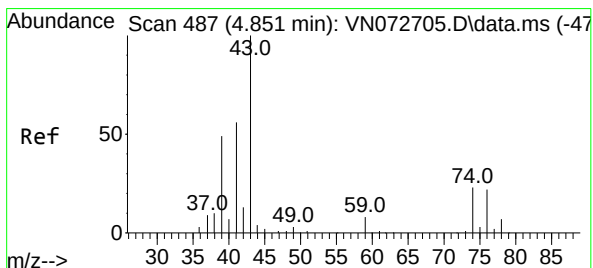
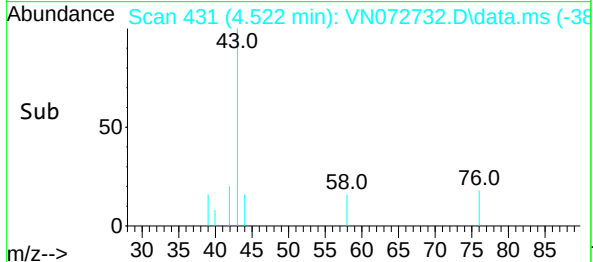
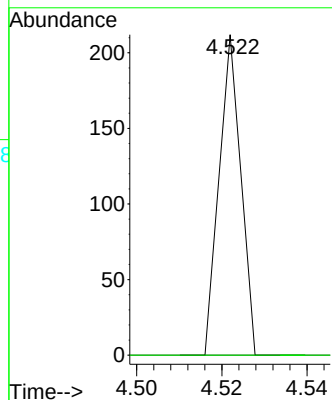
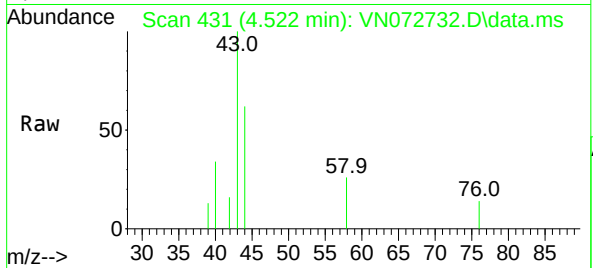




#17
Carbon Disulfide
Concen: 0.295 ug/l
RT: 4.522 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072732.D
Acq: 09 Jun 2022 15:51

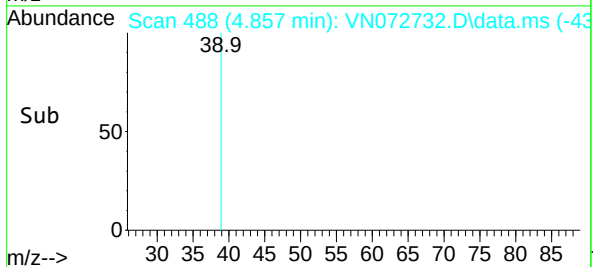
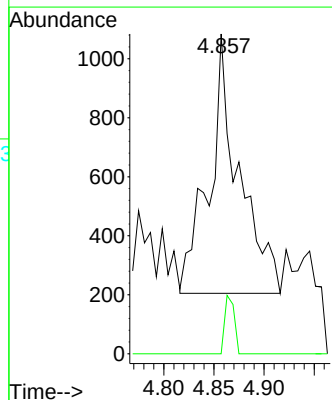
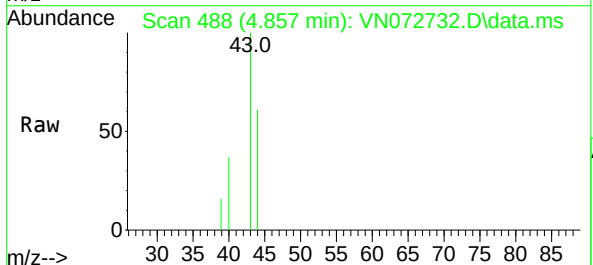
Instrument :
MSVOA_N
ClientSampleId :
TRE-31702DL

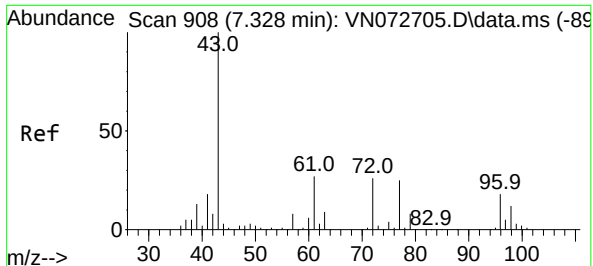
Tgt Ion: 76 Resp: 75
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.307 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN072732.D
Acq: 09 Jun 2022 15:51

Tgt Ion: 43 Resp: 1821
Ion Ratio Lower Upper
43 100
74 7.1 21.6 32.4#





#25

2-Butanone

Concen: 1.775 ug/l

RT: 7.316 min Scan# 90

Delta R.T. -0.012 min

Lab File: VN072732.D

Acq: 09 Jun 2022 15:51

Instrument :

MSVOA_N

ClientSampleId :

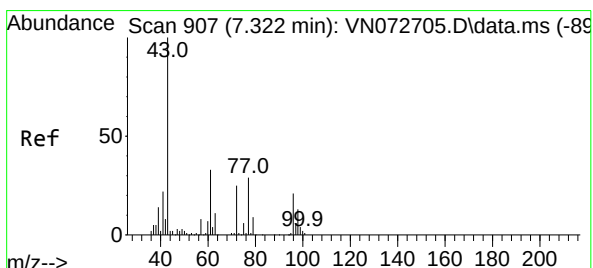
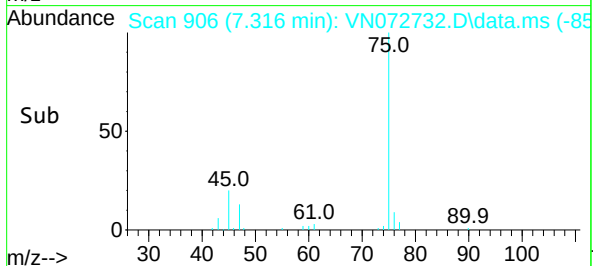
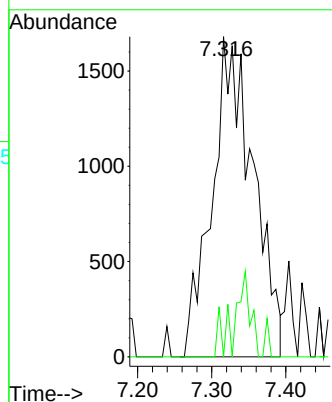
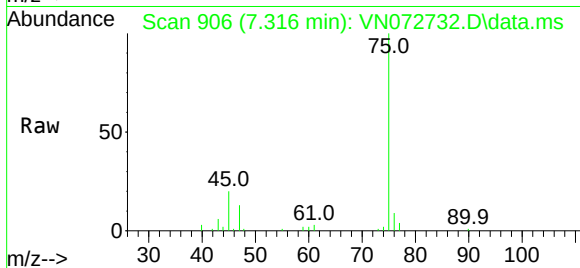
TRE-31702DL

Tgt Ion: 43 Resp: 6505

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 0.563 ug/l

RT: 7.298 min Scan# 903

Delta R.T. -0.024 min

Lab File: VN072732.D

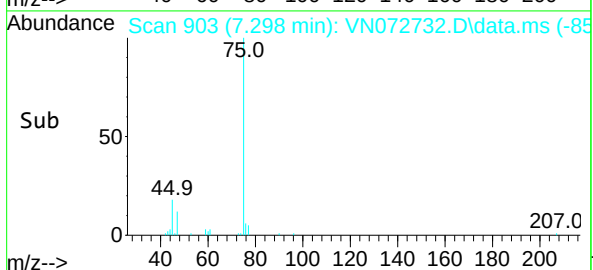
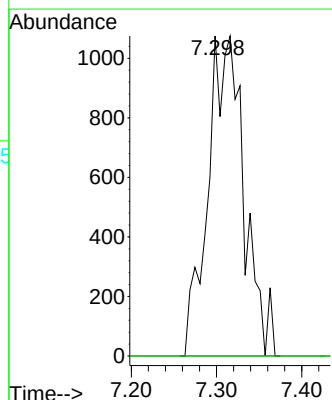
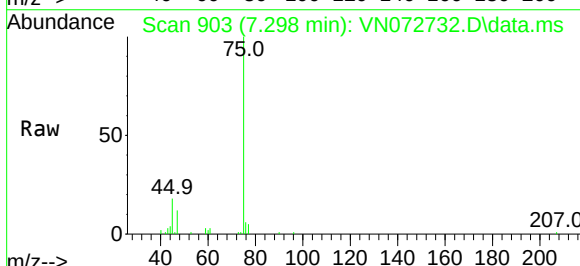
Acq: 09 Jun 2022 15:51

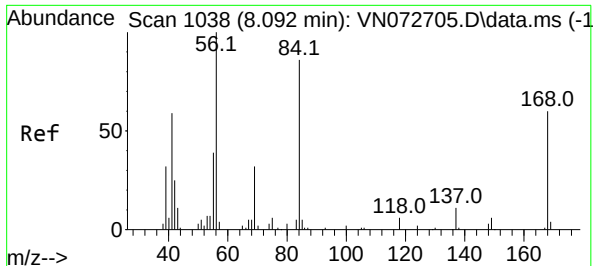
Tgt Ion: 77 Resp: 3161

Ion Ratio Lower Upper

77 100

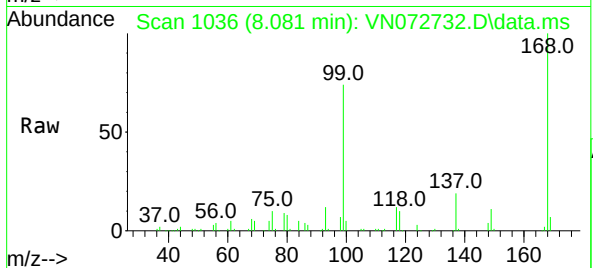
97 0.0 11.4 34.2#



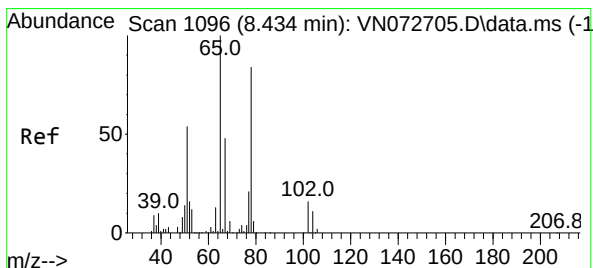
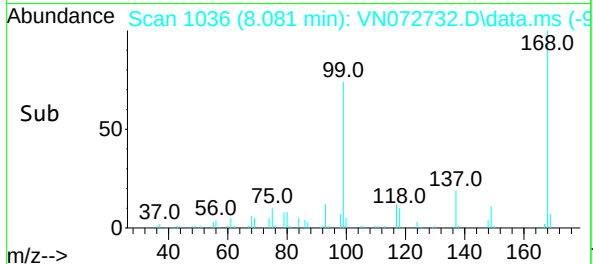
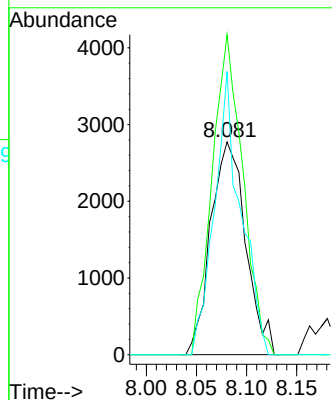


#31
Cyclohexane
Concen: 0.634 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072732.D
Acq: 09 Jun 2022 15:51

Instrument :
MSVOA_N
ClientSampleId :
TRE-31702DL

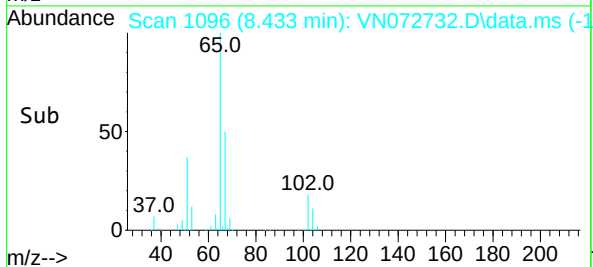
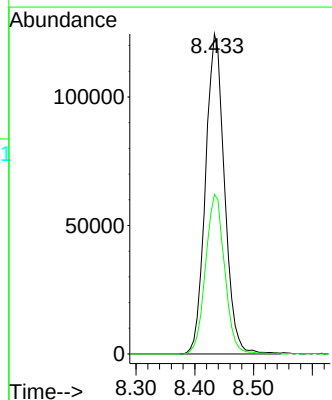
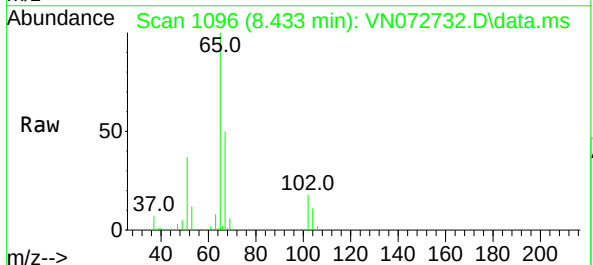


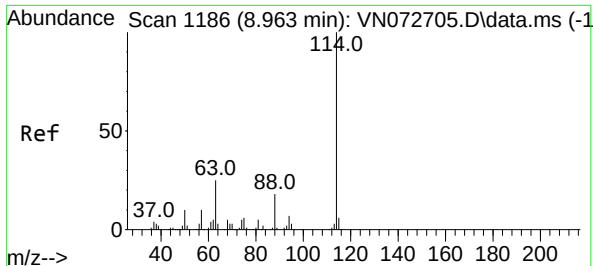
Tgt Ion: 56 Resp: 6726
Ion Ratio Lower Upper
56 100
69 150.4 27.8 41.8#
84 133.1 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 58.802 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072732.D
Acq: 09 Jun 2022 15:51

Tgt Ion: 65 Resp: 279645
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN072732.D

Acq: 09 Jun 2022 15:51

Instrument :

MSVOA_N

ClientSampleId :

TRE-31702DL

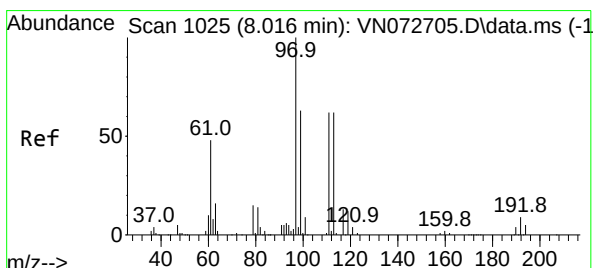
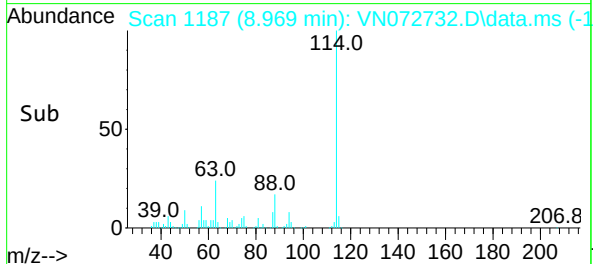
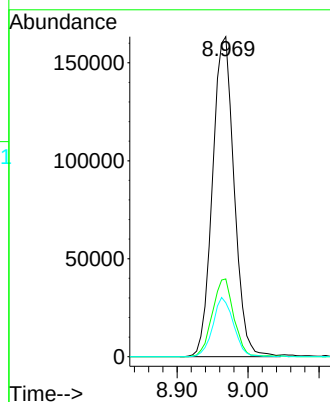
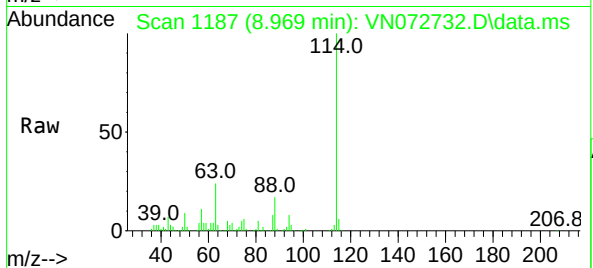
Tgt Ion:114 Resp: 345050

Ion Ratio Lower Upper

114 100

63 24.3 0.0 40.0

88 16.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 57.440 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072732.D

Acq: 09 Jun 2022 15:51

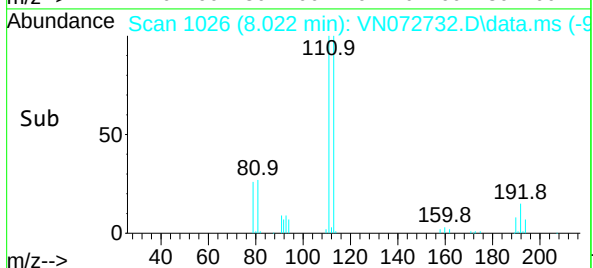
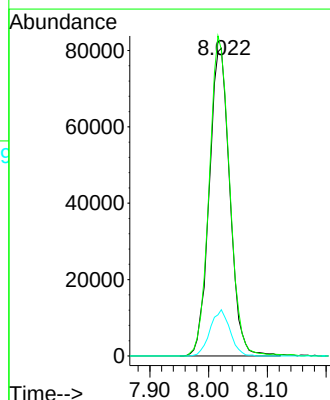
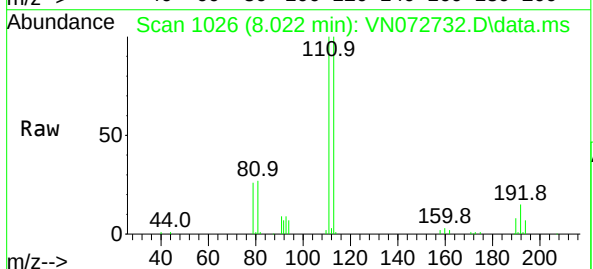
Tgt Ion:113 Resp: 196112

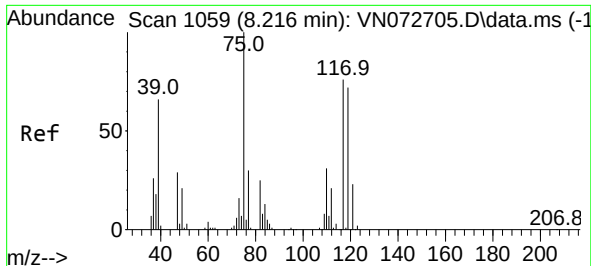
Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 14.5 17.0 25.6#





#36

1,1-Dichloropropene

Concen: 4.175 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.130 min

Lab File: VN072732.D

Acq: 09 Jun 2022 15:51

Instrument :

MSVOA_N

ClientSampleId :

TRE-31702DL

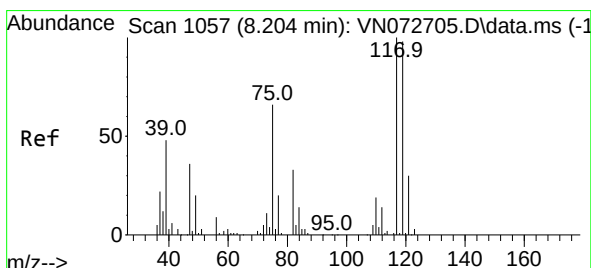
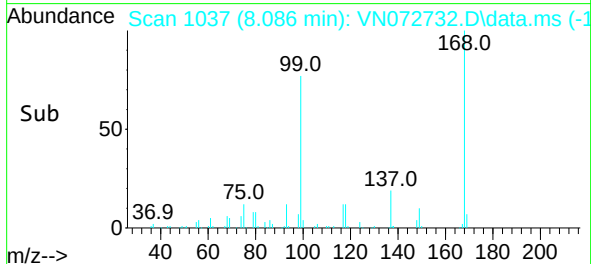
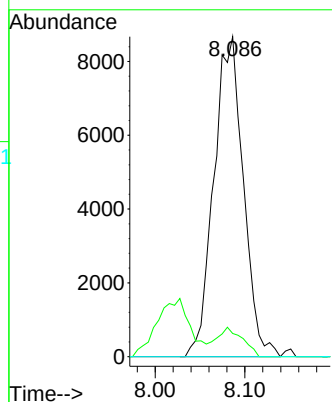
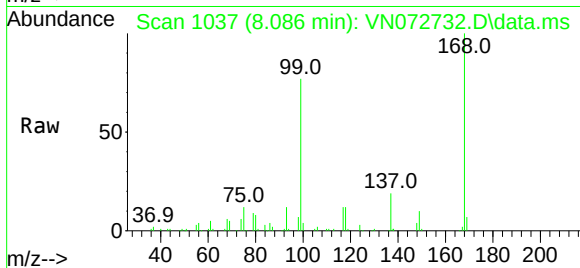
Tgt Ion: 75 Resp: 19787

Ion Ratio Lower Upper

75 100

110 8.1 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 4.420 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN072732.D

Acq: 09 Jun 2022 15:51

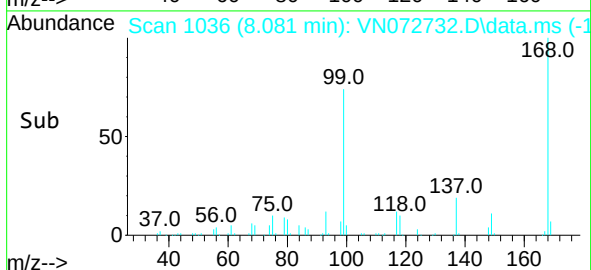
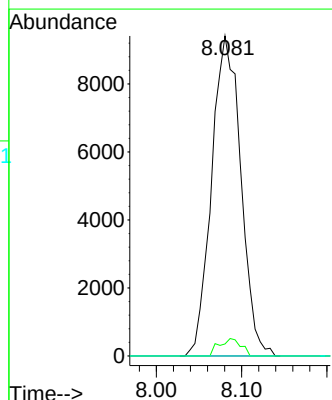
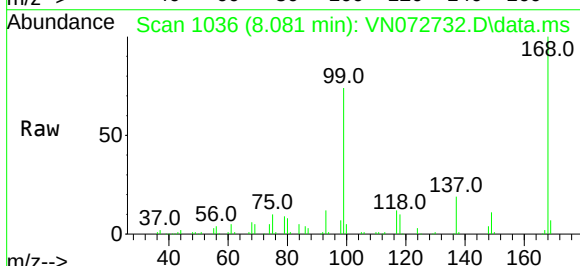
Tgt Ion: 117 Resp: 22383

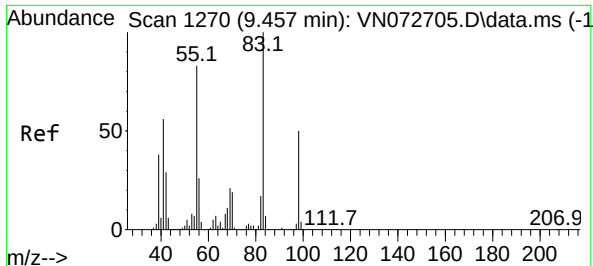
Ion Ratio Lower Upper

117 100

119 3.8 75.8 113.8#

121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 0.493 ug/l

RT: 9.675 min Scan# 1307

Delta R.T. 0.218 min

Lab File: VN072732.D

Acq: 09 Jun 2022 15:51

Instrument :

MSVOA_N

ClientSampleId :

TRE-31702DL

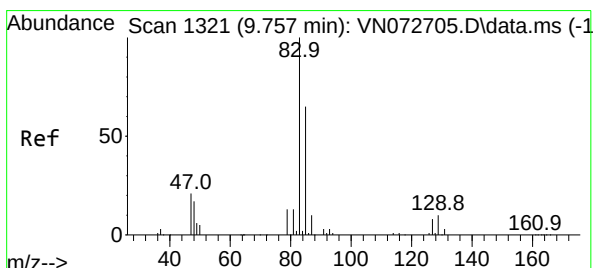
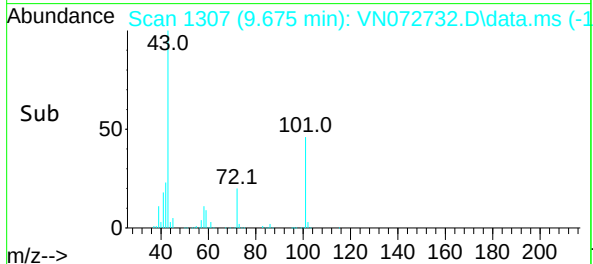
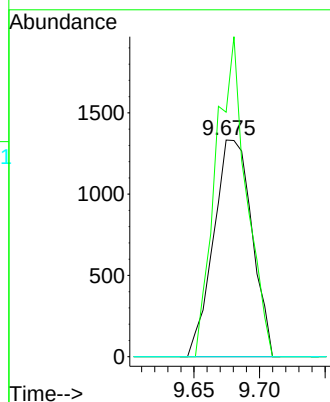
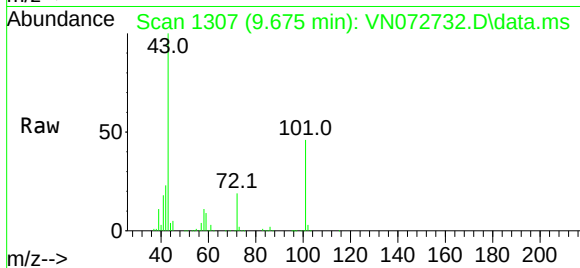
Tgt Ion: 83 Resp: 2712

Ion Ratio Lower Upper

83 100

55 112.8 57.8 86.8#

98 0.0 39.4 59.2#



#47

Bromodichloromethane

Concen: 0.486 ug/l

RT: 9.675 min Scan# 1307

Delta R.T. -0.082 min

Lab File: VN072732.D

Acq: 09 Jun 2022 15:51

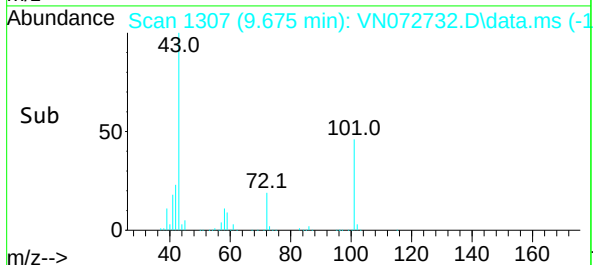
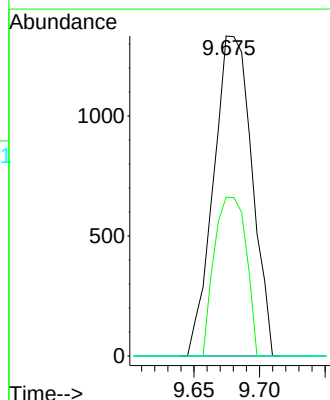
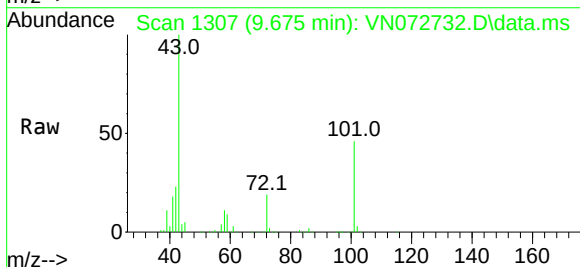
Tgt Ion: 83 Resp: 2712

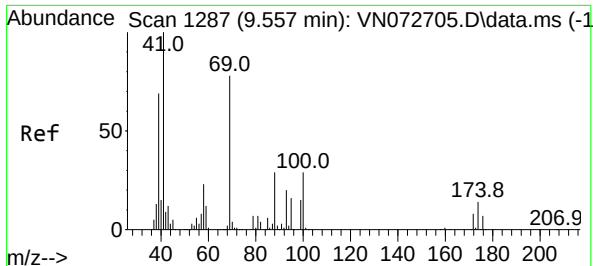
Ion Ratio Lower Upper

83 100

85 49.6 50.5 75.7#

127 0.0 6.8 10.2#

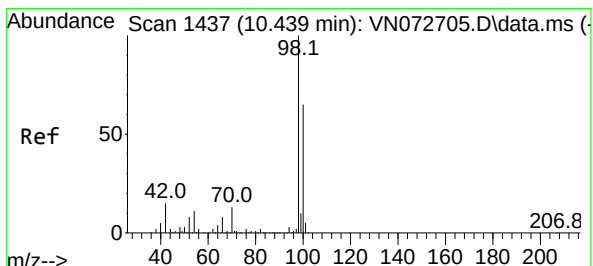
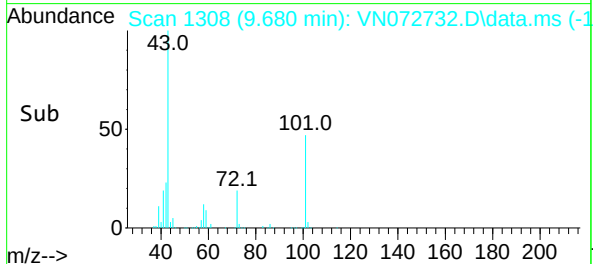
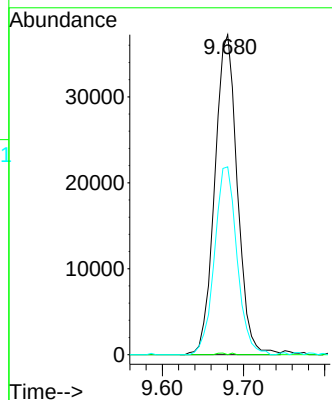
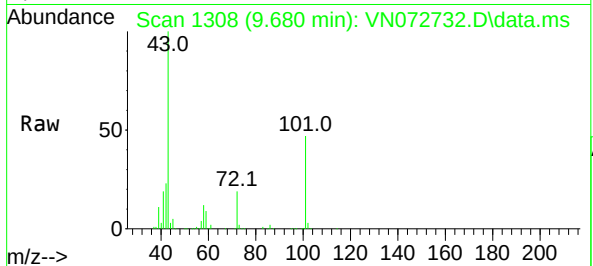




#48
Methyl methacrylate
Concen: 13.238 ug/l
RT: 9.680 min Scan# 11
Delta R.T. 0.123 min
Lab File: VN072732.D
Acq: 09 Jun 2022 15:51

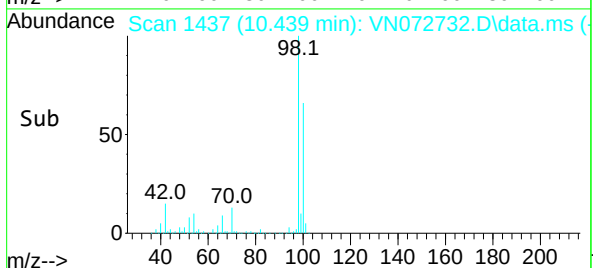
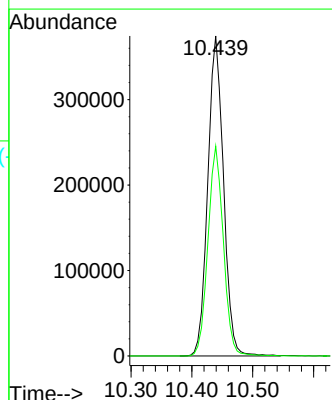
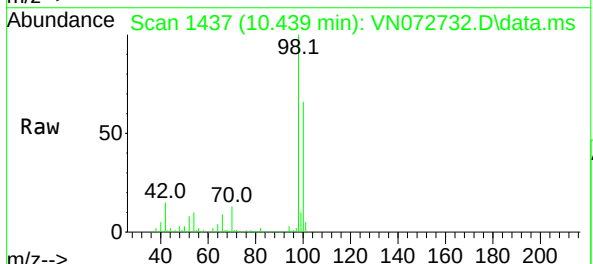
Instrument :
MSVOA_N
ClientSampleId :
TRE-31702DL

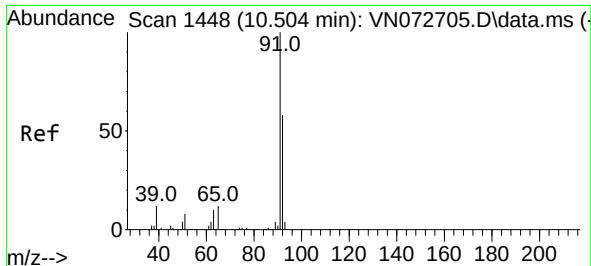
Tgt Ion: 41 Resp: 71820
Ion Ratio Lower Upper
41 100
69 0.3 74.7 112.1#
39 58.8 45.6 68.4



#50
Toluene-d8
Concen: 49.372 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072732.D
Acq: 09 Jun 2022 15:51

Tgt Ion: 98 Resp: 672550
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

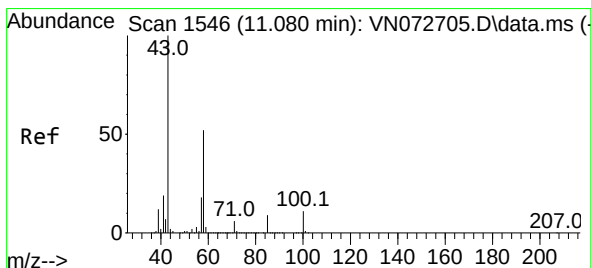
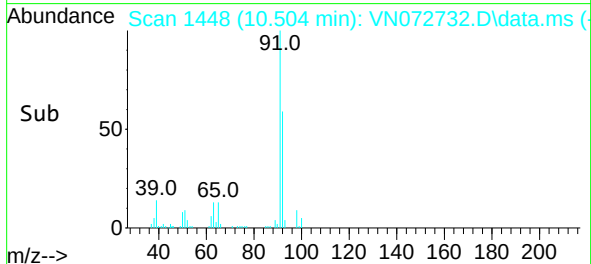
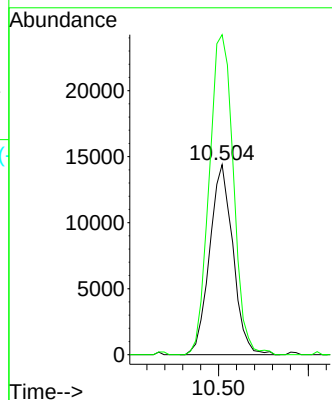
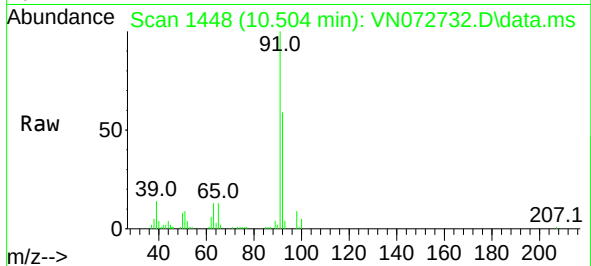




#52
Toluene
Concen: 2.891 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072732.D
Acq: 09 Jun 2022 15:51

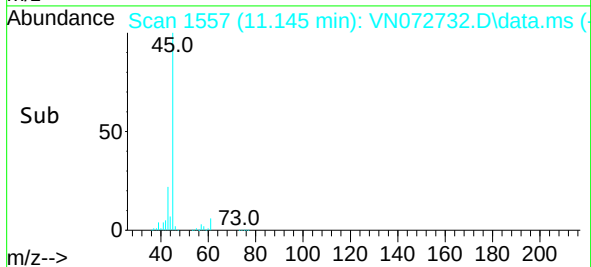
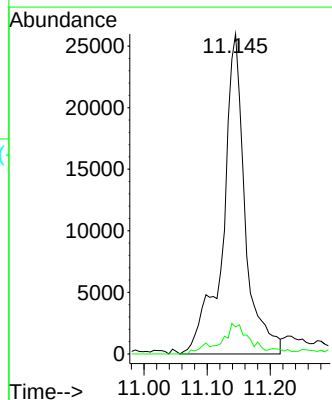
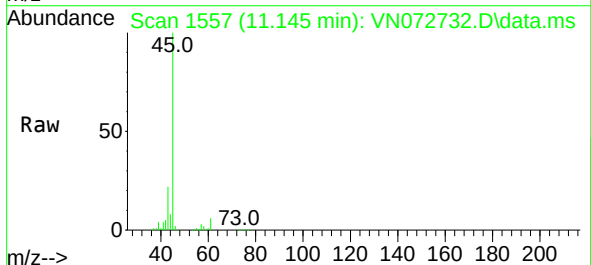
Instrument :
MSVOA_N
ClientSampleId :
TRE-31702DL

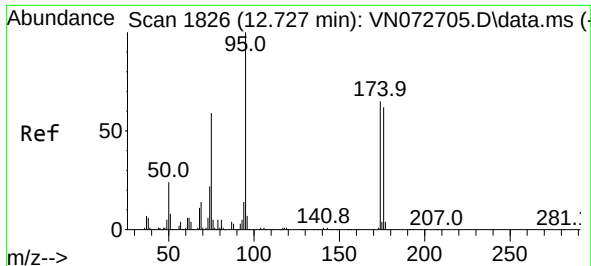
Tgt Ion: 92 Resp: 25962
Ion Ratio Lower Upper
92 100
91 174.9 138.6 207.8



#59
2-Hexanone
Concen: 11.528 ug/l
RT: 11.145 min Scan# 1557
Delta R.T. 0.065 min
Lab File: VN072732.D
Acq: 09 Jun 2022 15:51

Tgt Ion: 43 Resp: 63302
Ion Ratio Lower Upper
43 100
58 10.2 29.7 89.1#

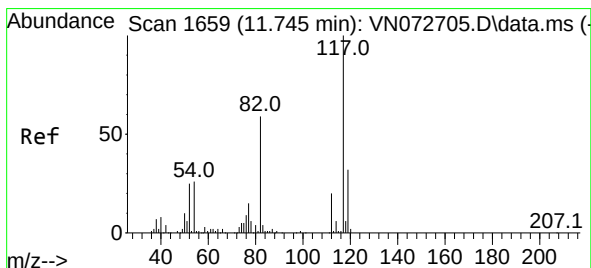
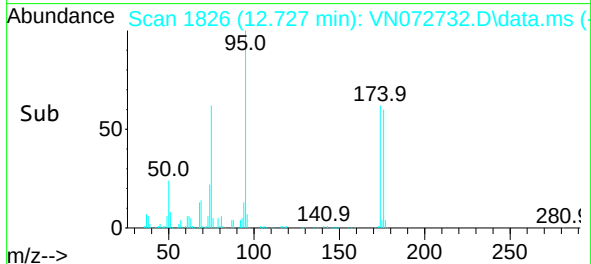
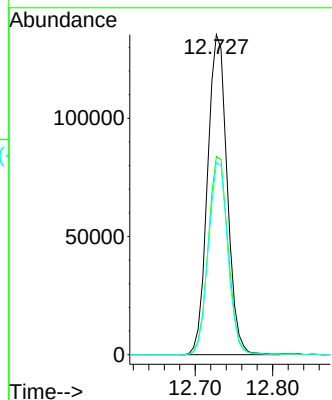
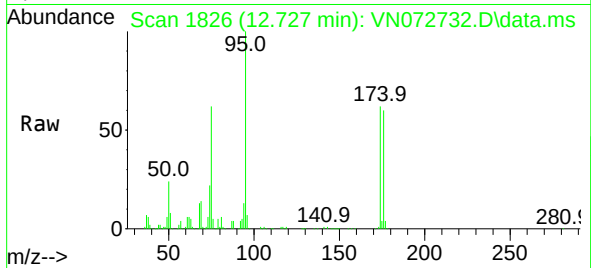




#62
4-Bromofluorobenzene
Concen: 50.929 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072732.D
Acq: 09 Jun 2022 15:51

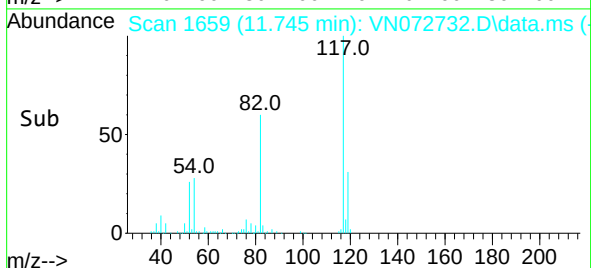
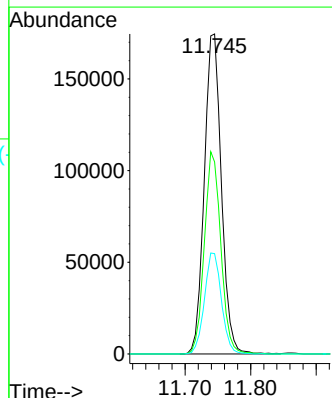
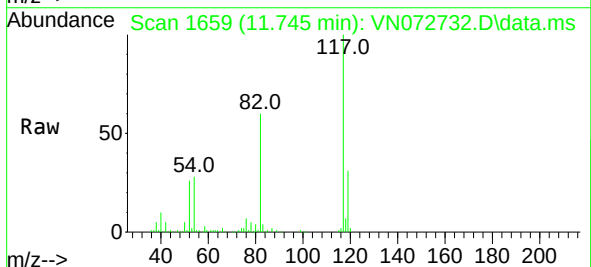
Instrument :
MSVOA_N
ClientSampleId :
TRE-31702DL

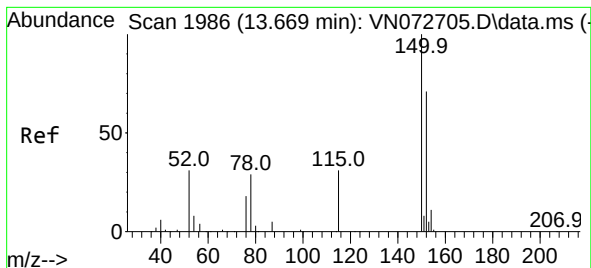
Tgt Ion: 95 Resp: 238059
Ion Ratio Lower Upper
95 100
174 62.5 0.0 167.6
176 59.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VN072732.D
Acq: 09 Jun 2022 15:51

Tgt Ion: 117 Resp: 316736
Ion Ratio Lower Upper
117 100
82 60.0 44.2 66.2
119 31.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.674 min Scan# 1986

Delta R.T. 0.005 min

Lab File: VN072732.D

Acq: 09 Jun 2022 15:51

Instrument :

MSVOA_N

ClientSampleId :

TRE-31702DL

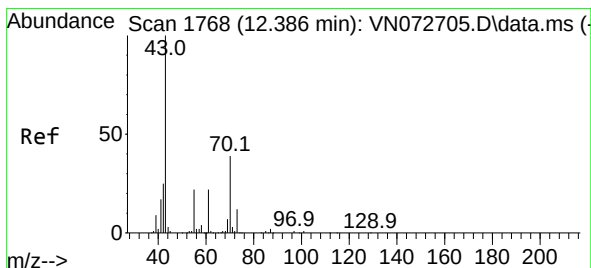
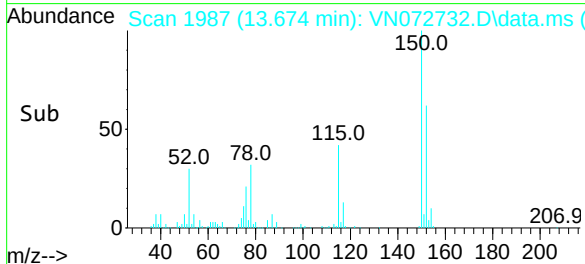
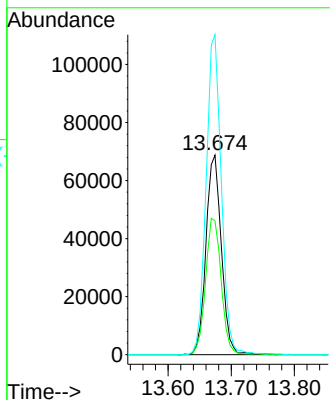
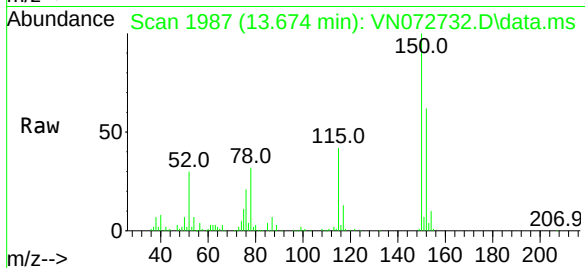
Tgt Ion:152 Resp: 116809

Ion Ratio Lower Upper

152 100

115 69.1 28.9 86.7

150 157.6 0.0 356.2



#74

N-ethyl acetate

Concen: 0.299 ug/l

RT: 12.357 min Scan# 1763

Delta R.T. -0.029 min

Lab File: VN072732.D

Acq: 09 Jun 2022 15:51

Tgt Ion: 43 Resp: 1739

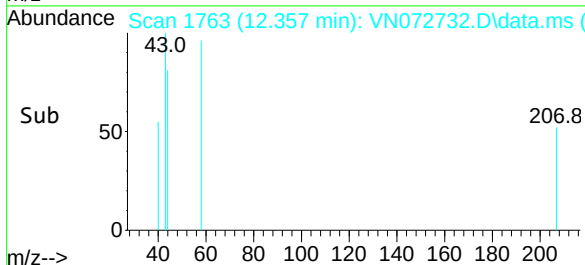
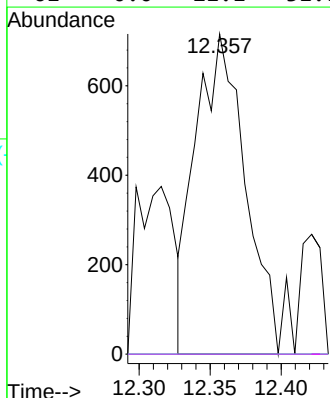
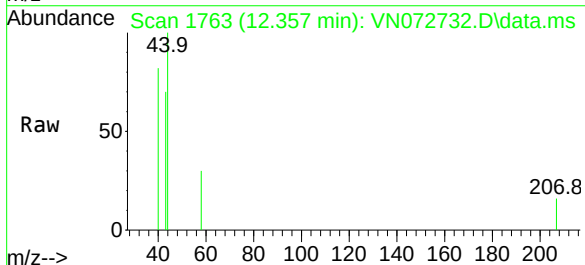
Ion Ratio Lower Upper

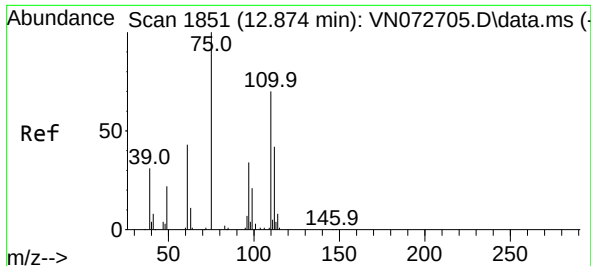
43 100

70 0.0 39.0 58.4#

55 0.0 21.1 31.7#

61 0.0 21.1 31.7#

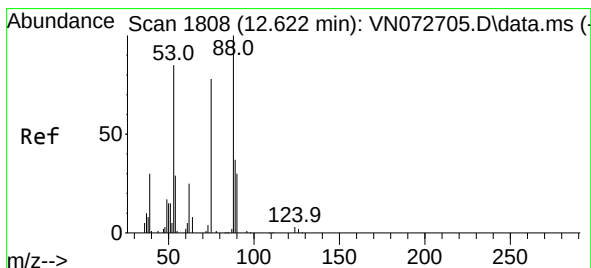
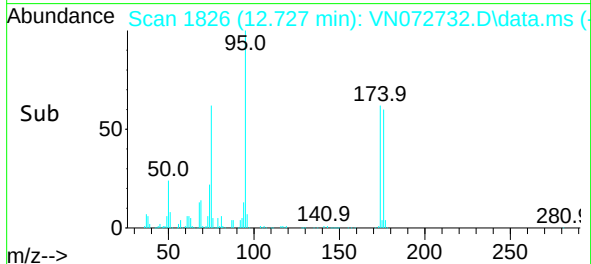
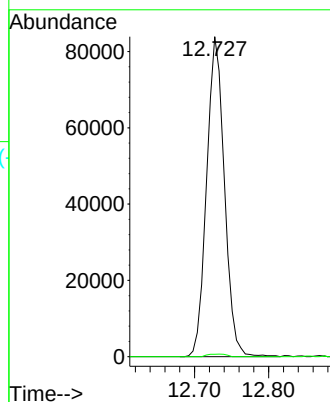
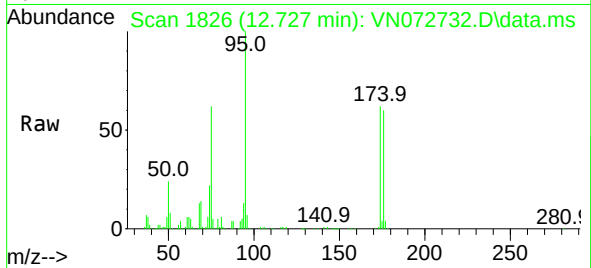




#76
1,2,3-Trichloropropane
Concen: 37.128 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072732.D
Acq: 09 Jun 2022 15:51

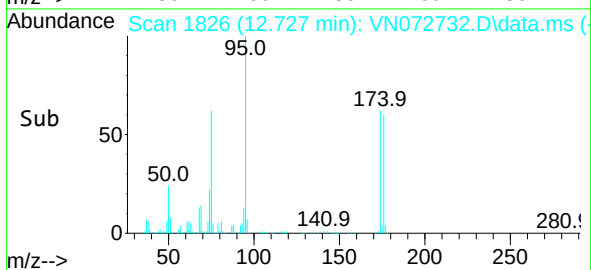
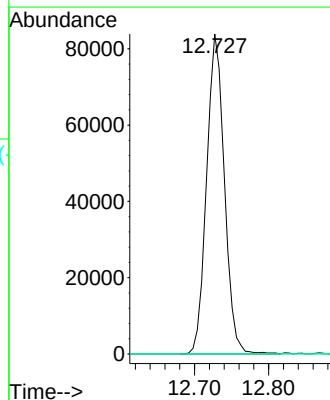
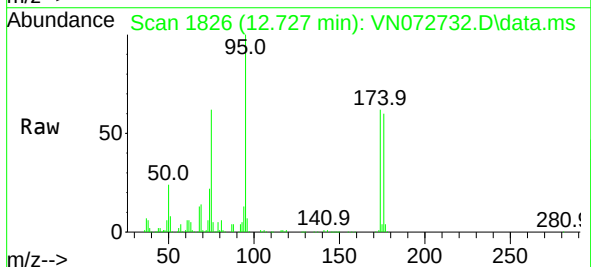
Instrument :
MSVOA_N
ClientSampleId :
TRE-31702DL

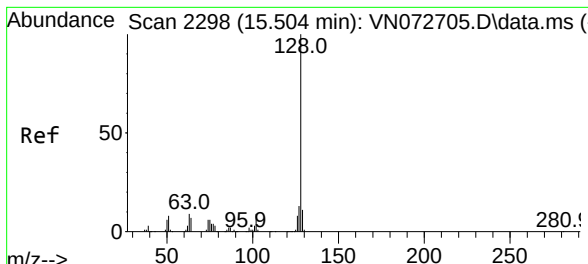
Tgt Ion: 75 Resp: 139950
Ion Ratio Lower Upper
75 100
77 0.9 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.101 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072732.D
Acq: 09 Jun 2022 15:51

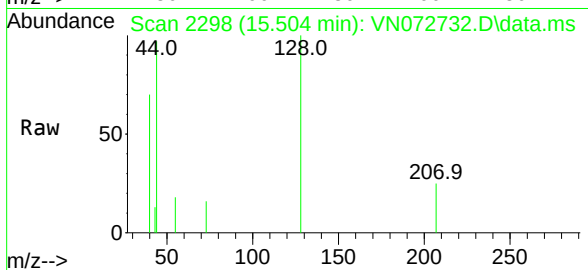
Tgt Ion: 75 Resp: 139950
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 0.280 ug/l
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072732.D
Acq: 09 Jun 2022 15:51

Instrument :
MSVOA_N
ClientSampleId :
TRE-31702DL



Tgt Ion:128 Resp: 2147
Ion Ratio Lower Upper
128 100
127 3.6 10.3 15.5#
129 5.9 8.6 13.0#

