

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061022\
 Data File : VN072771.D
 Acq On : 10 Jun 2022 17:48
 Operator : JC\MD
 Sample : N3293-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 52322-C

Quant Time: Jun 11 01:55:44 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)

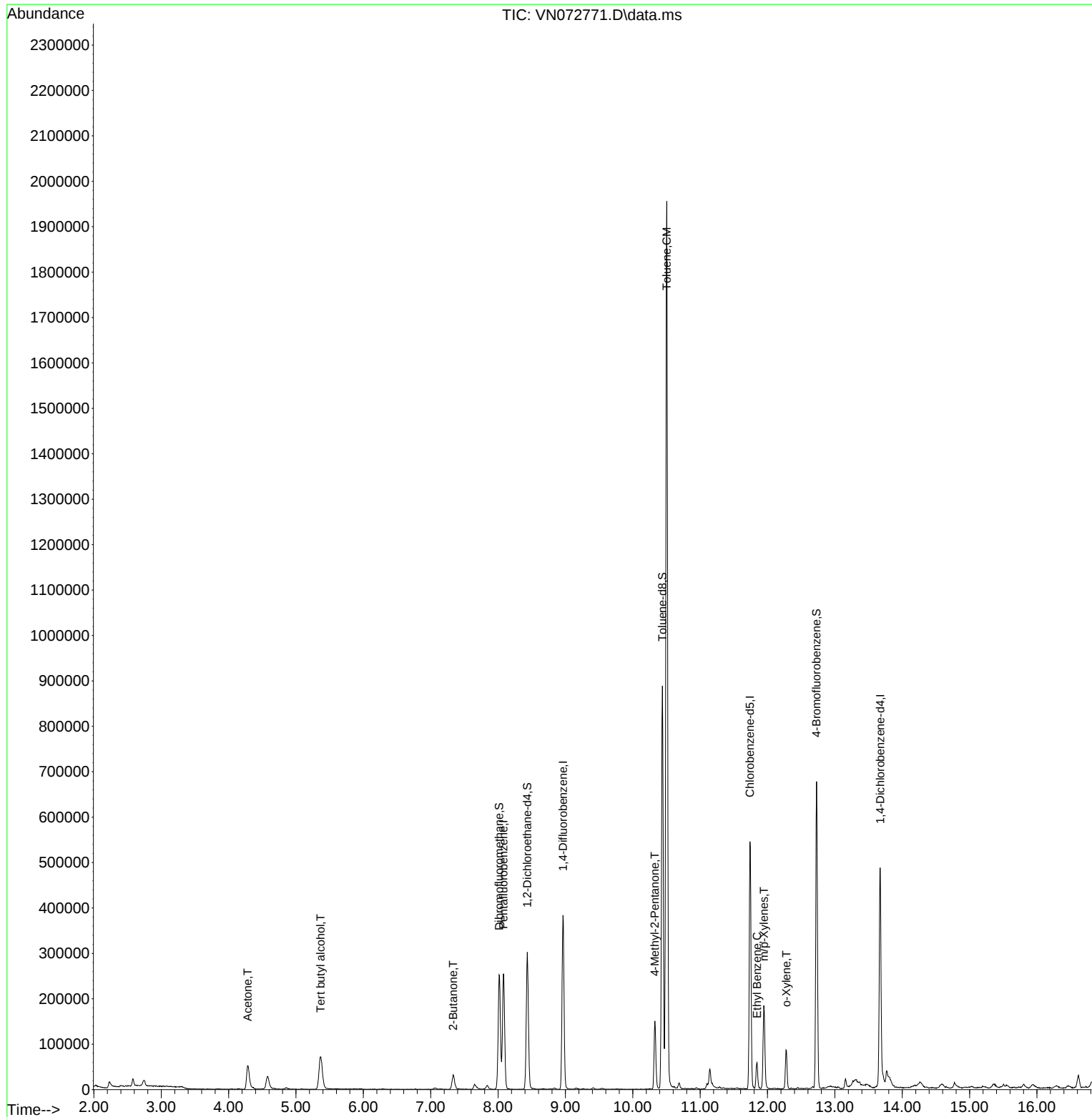
Internal Standards						
1) Pentafluorobenzene	8.081	168	162913	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	313060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	290669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	114595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	243804	55.759	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.520%
35) Dibromofluoromethane	8.016	113	177134	57.183	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	114.360%
50) Toluene-d8	10.439	98	578965	46.845	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.700%
62) 4-Bromofluorobenzene	12.727	95	232799	54.893	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.780%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.363	59	134671	129.113	ug/l	99
16) Acetone	4.281	43	101067	48.238	ug/l	92
25) 2-Butanone	7.334	43	53904	15.994	ug/l	# 84
51) 4-Methyl-2-Pentanone	10.328	43	104557	15.432	ug/l	91
52) Toluene	10.504	92	814836	100.020	ug/l	100
67) Ethyl Benzene	11.845	91	42715	2.933	ug/l	92
68) m/p-Xylenes	11.945	106	54340	10.499	ug/l	91
69) o-Xylene	12.280	106	21210	4.077	ug/l	85

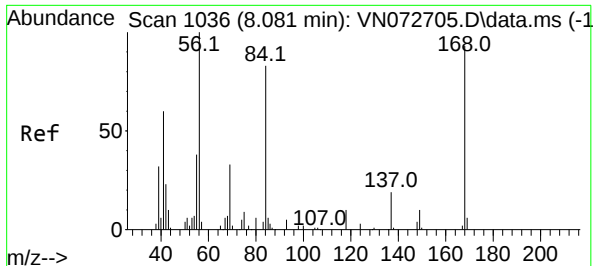
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

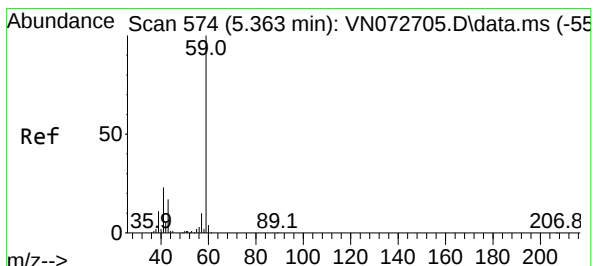
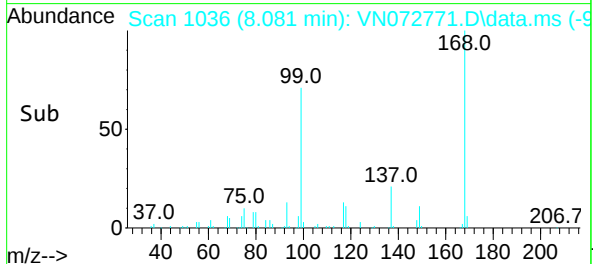
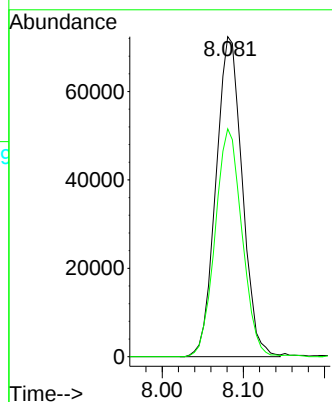
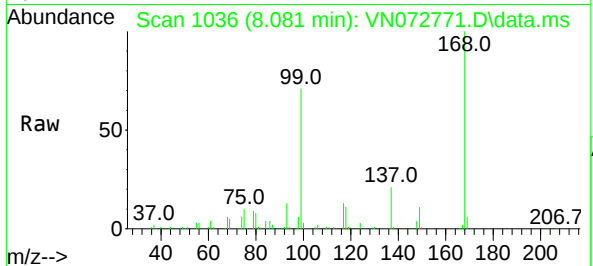




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072771.D
Acq: 10 Jun 2022 17:48

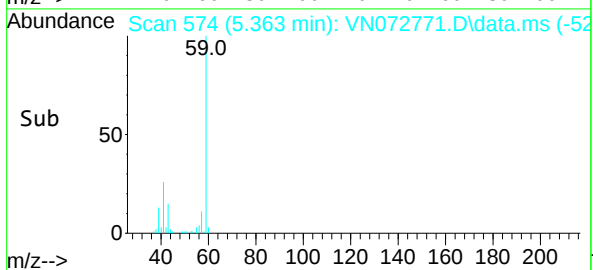
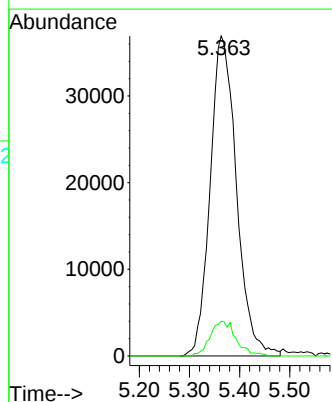
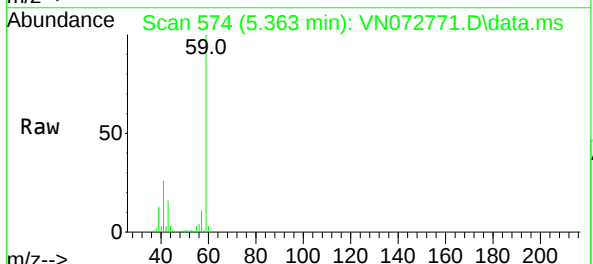
Instrument :
MSVOA_N
ClientSampleId :
52322-C

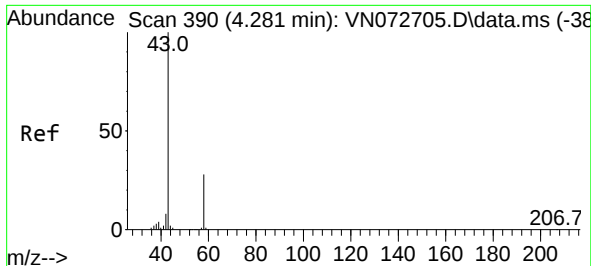
Tgt Ion:168 Resp: 162913
Ion Ratio Lower Upper
168 100
99 71.2 42.3 63.5#



#11
Tert butyl alcohol
Concen: 129.113 ug/l
RT: 5.363 min Scan# 574
Delta R.T. 0.000 min
Lab File: VN072771.D
Acq: 10 Jun 2022 17:48

Tgt Ion: 59 Resp: 134671
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

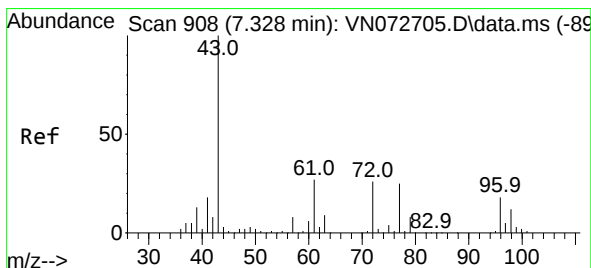
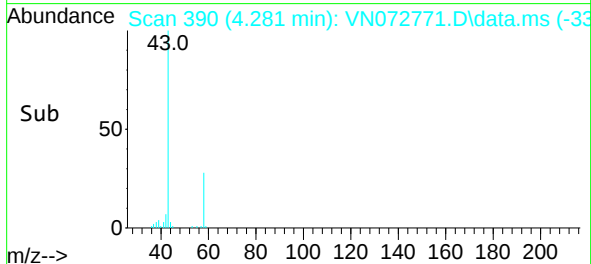
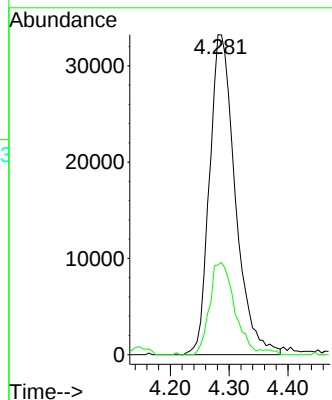
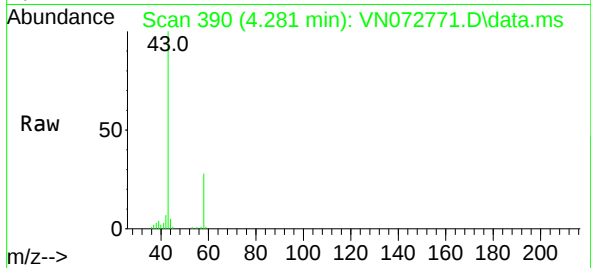




#16
Acetone
Concen: 48.238 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072771.D
Acq: 10 Jun 2022 17:48

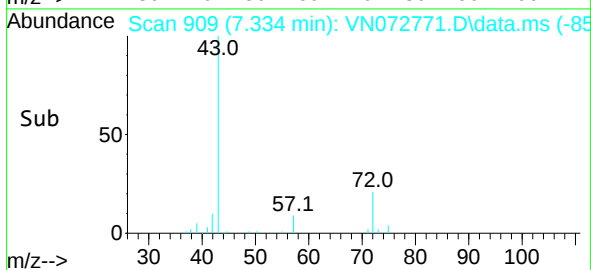
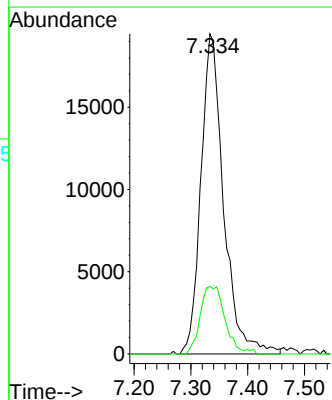
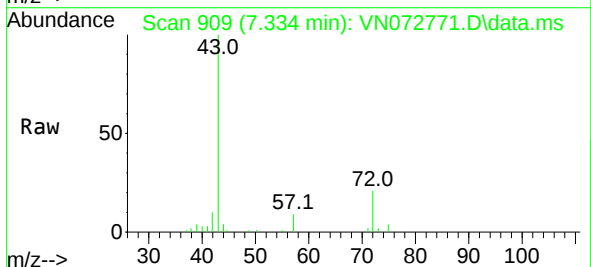
Instrument :
MSVOA_N
ClientSampleId :
52322-C

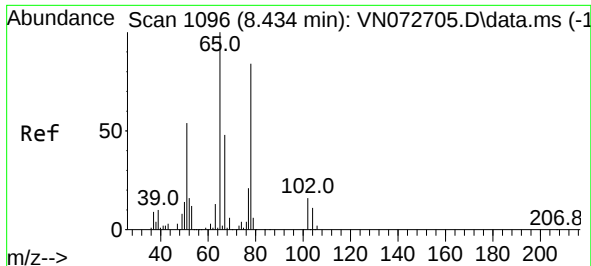
Tgt Ion: 43 Resp: 101067
Ion Ratio Lower Upper
43 100
58 28.1 26.0 39.0



#25
2-Butanone
Concen: 15.994 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072771.D
Acq: 10 Jun 2022 17:48

Tgt Ion: 43 Resp: 53904
Ion Ratio Lower Upper
43 100
72 21.1 23.7 35.5#





#33

1,2-Dichloroethane-d4

Concen: 55.759 ug/l

RT: 8.434 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VN072771.D

Acq: 10 Jun 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

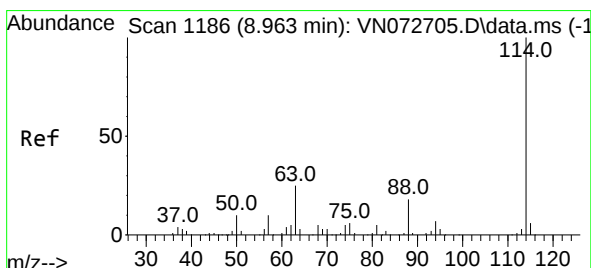
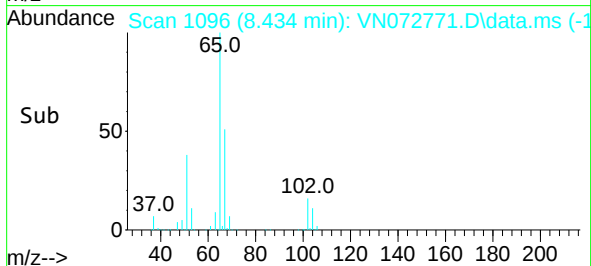
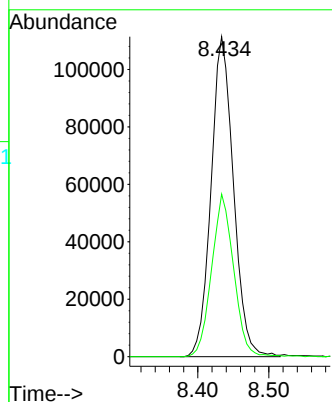
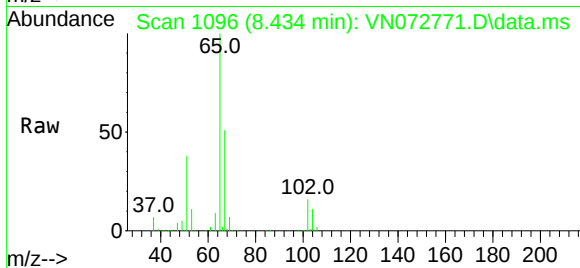
52322-C

Tgt Ion: 65 Resp: 243804

Ion Ratio Lower Upper

65 100

67 49.9 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: VN072771.D

Acq: 10 Jun 2022 17:48

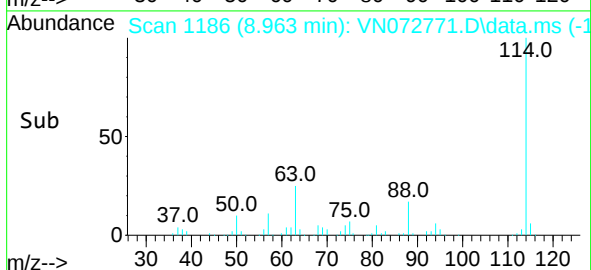
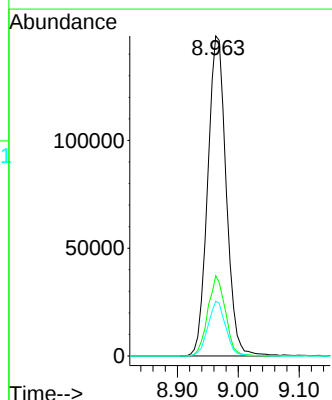
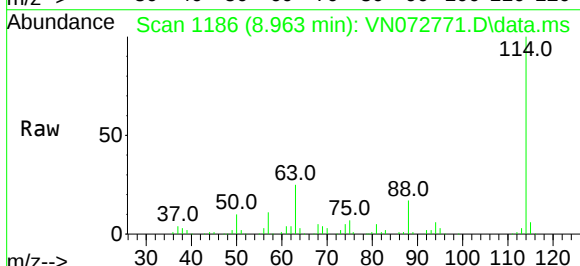
Tgt Ion: 114 Resp: 313060

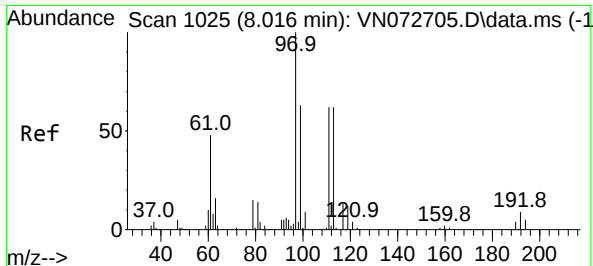
Ion Ratio Lower Upper

114 100

63 25.0 0.0 40.0

88 17.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 57.183 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072771.D

Acq: 10 Jun 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

52322-C

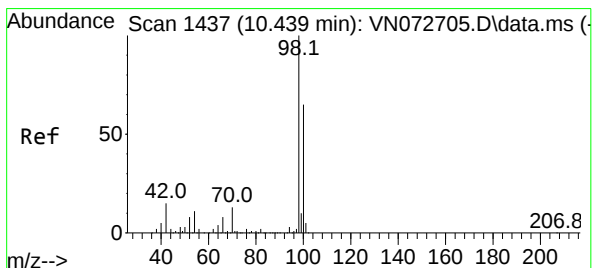
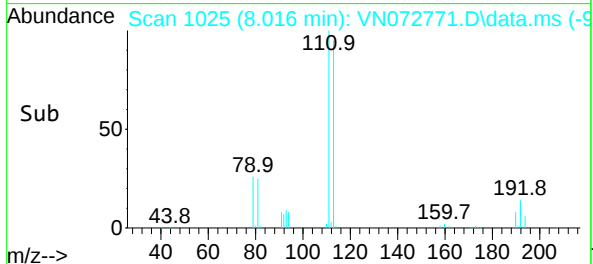
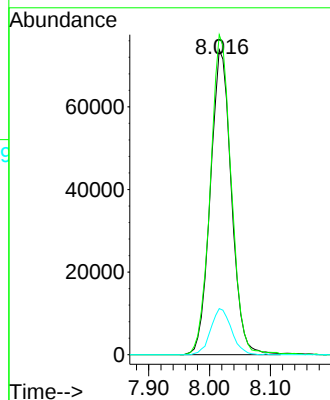
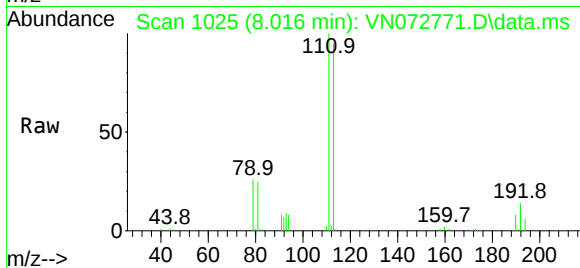
Tgt Ion:113 Resp: 177134

Ion Ratio Lower Upper

113 100

111 104.7 81.4 122.0

192 14.9 17.0 25.6#



#50

Toluene-d8

Concen: 46.845 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072771.D

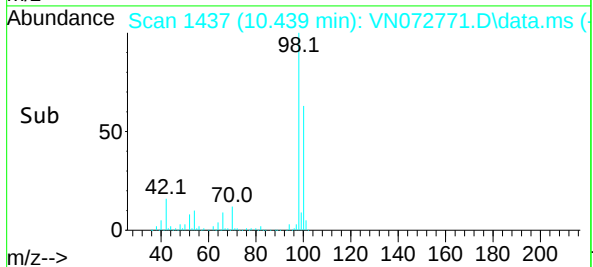
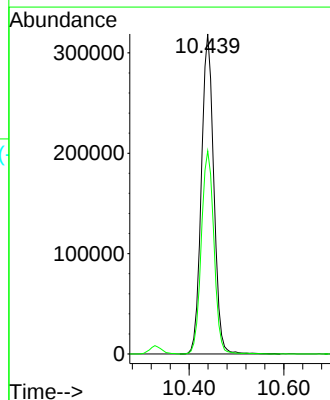
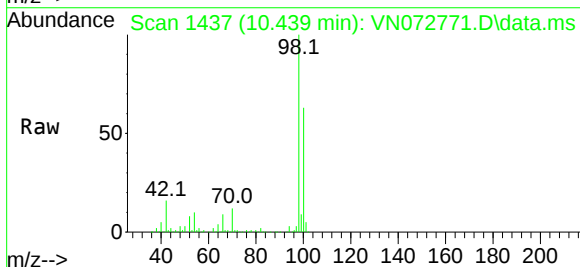
Acq: 10 Jun 2022 17:48

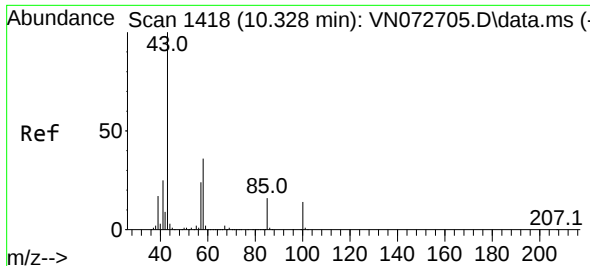
Tgt Ion: 98 Resp: 578965

Ion Ratio Lower Upper

98 100

100 64.5 52.6 78.8

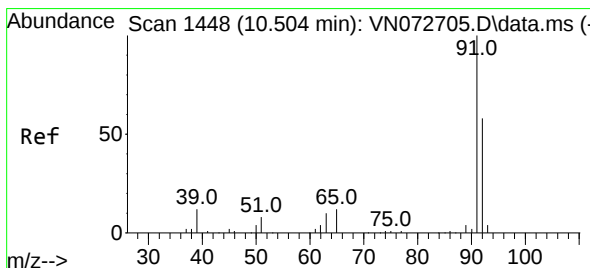
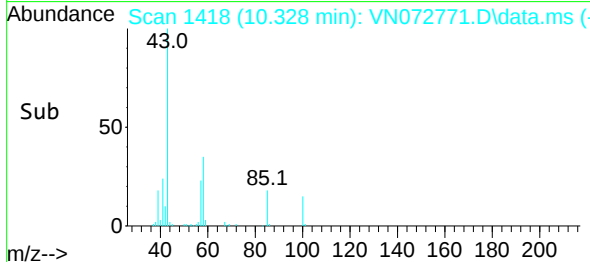
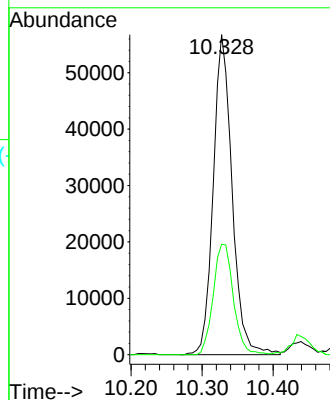
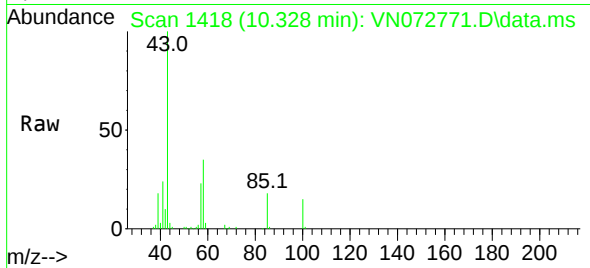




#51
4-Methyl-2-Pentanone
Concen: 15.432 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072771.D
Acq: 10 Jun 2022 17:48

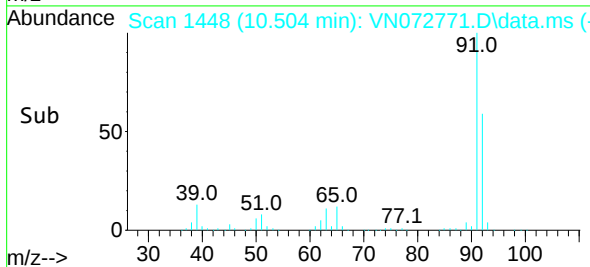
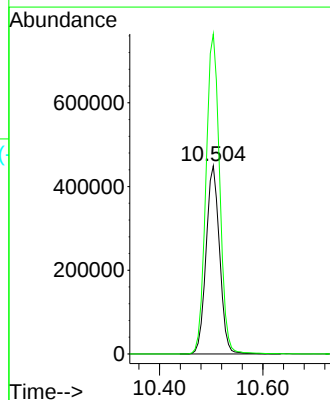
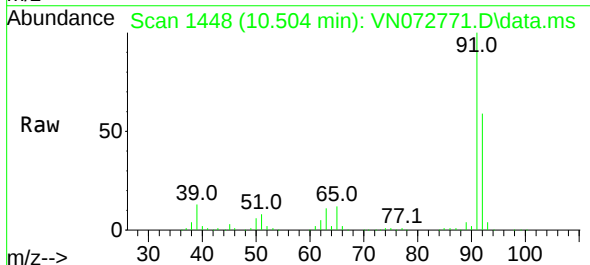
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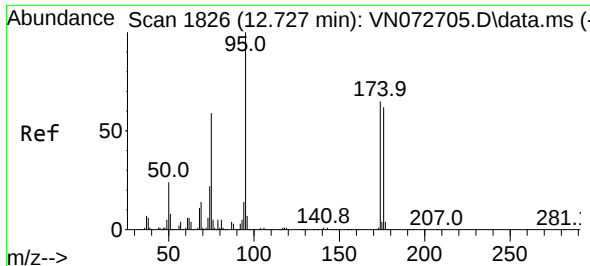
Tgt Ion: 43 Resp: 104557
Ion Ratio Lower Upper
43 100
58 36.9 34.1 51.1



#52
Toluene
Concen: 100.020 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072771.D
Acq: 10 Jun 2022 17:48

Tgt Ion: 92 Resp: 814836
Ion Ratio Lower Upper
92 100
91 172.6 138.6 207.8

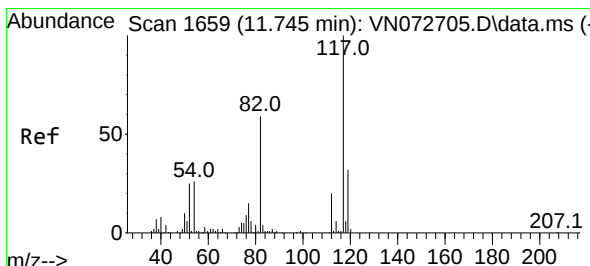
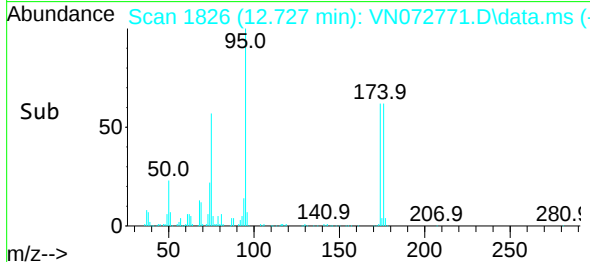
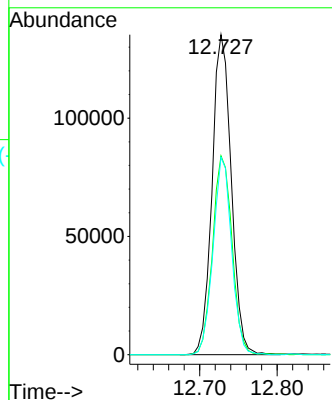
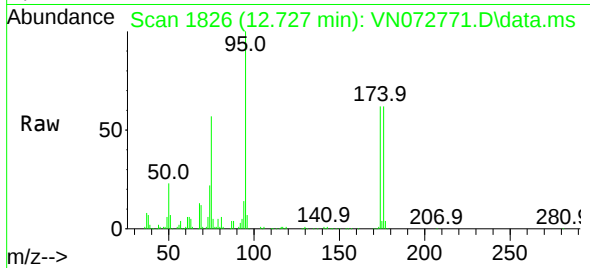




#62
4-Bromofluorobenzene
Concen: 54.893 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072771.D
Acq: 10 Jun 2022 17:48

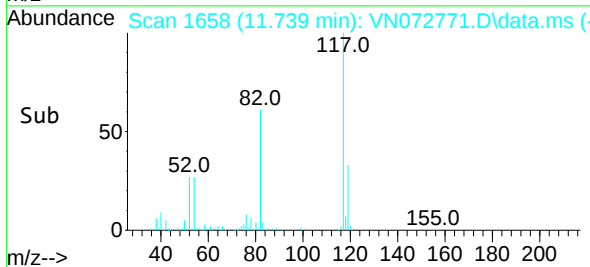
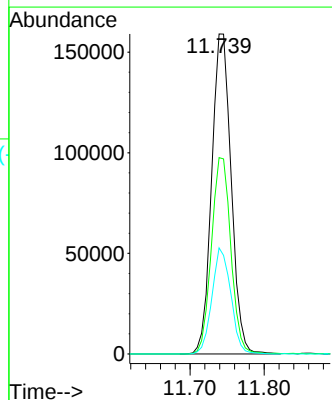
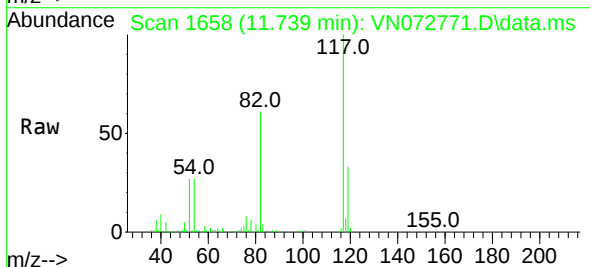
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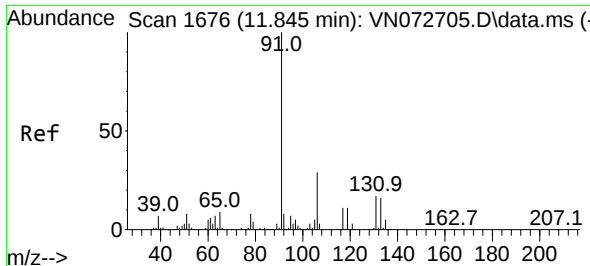
Tgt Ion: 95 Resp: 232799
Ion Ratio Lower Upper
95 100
174 63.2 0.0 167.6
176 59.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VN072771.D
Acq: 10 Jun 2022 17:48

Tgt Ion: 117 Resp: 290669
Ion Ratio Lower Upper
117 100
82 61.4 44.2 66.2
119 33.1 25.4 38.0

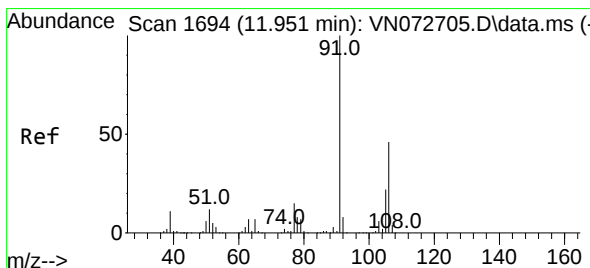
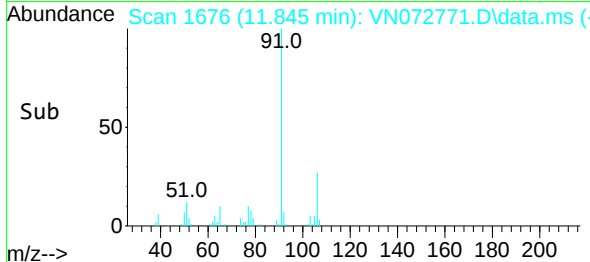
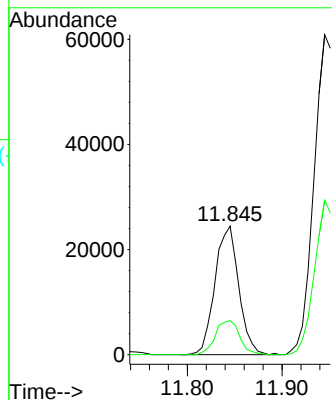
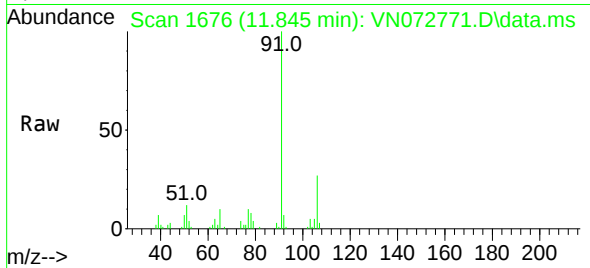




#67
Ethyl Benzene
Concen: 2.933 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VN072771.D
Acq: 10 Jun 2022 17:48

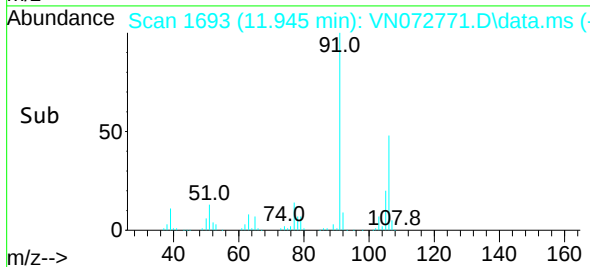
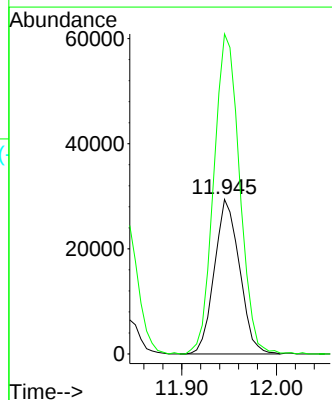
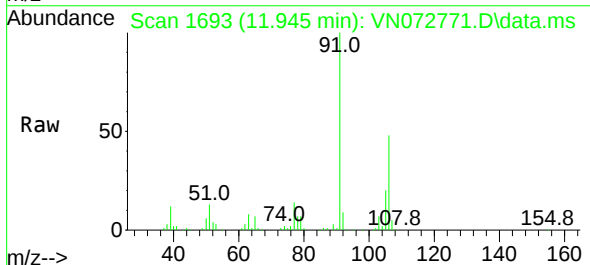
Instrument :
MSVOA_N
ClientSampleId :
52322-C

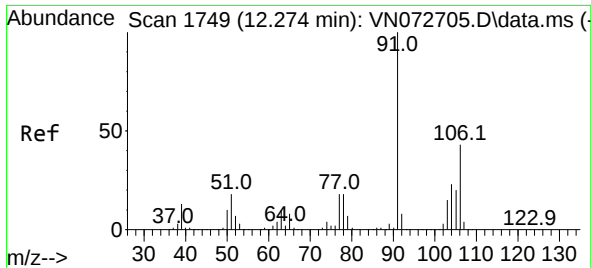
Tgt Ion: 91 Resp: 42715
Ion Ratio Lower Upper
91 100
106 26.5 24.9 37.3



#68
m/p-Xylenes
Concen: 10.499 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072771.D
Acq: 10 Jun 2022 17:48

Tgt Ion: 106 Resp: 54340
Ion Ratio Lower Upper
106 100
91 212.6 158.9 238.3

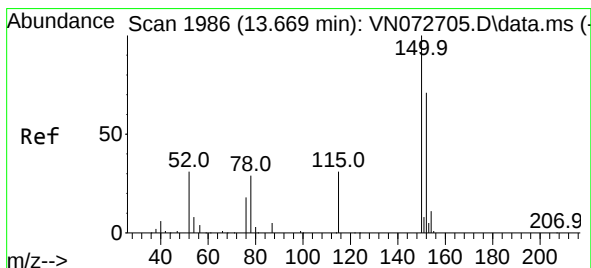
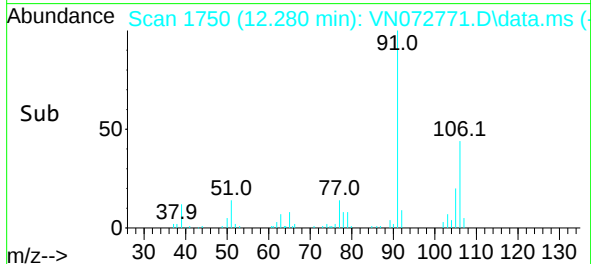
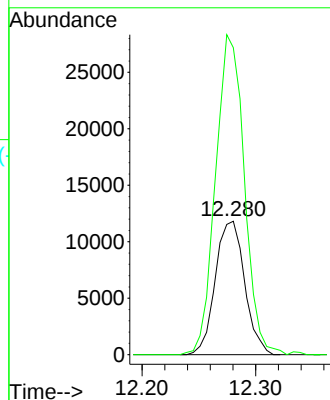
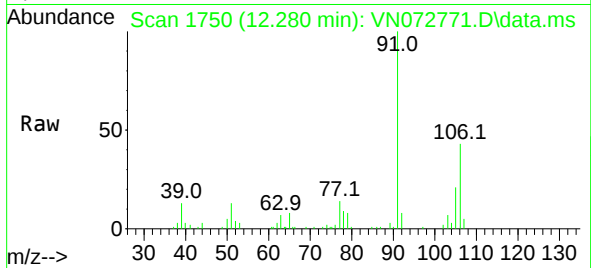




#69
o-Xylene
Concen: 4.077 ug/l
RT: 12.280 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072771.D
Acq: 10 Jun 2022 17:48

Instrument :
MSVOA_N
ClientSampleId :
52322-C

Tgt Ion:106 Resp: 21210
Ion Ratio Lower Upper
106 100
91 234.8 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN072771.D
Acq: 10 Jun 2022 17:48

Tgt Ion:152 Resp: 114595
Ion Ratio Lower Upper
152 100
115 71.4 28.9 86.7
150 155.0 0.0 356.2

