

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
 Data File : VN070586.D
 Acq On : 12 Jan 2022 15:10
 Operator : JC/MD
 Sample : N1102-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31280

Quant Time: Jan 13 04:26:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

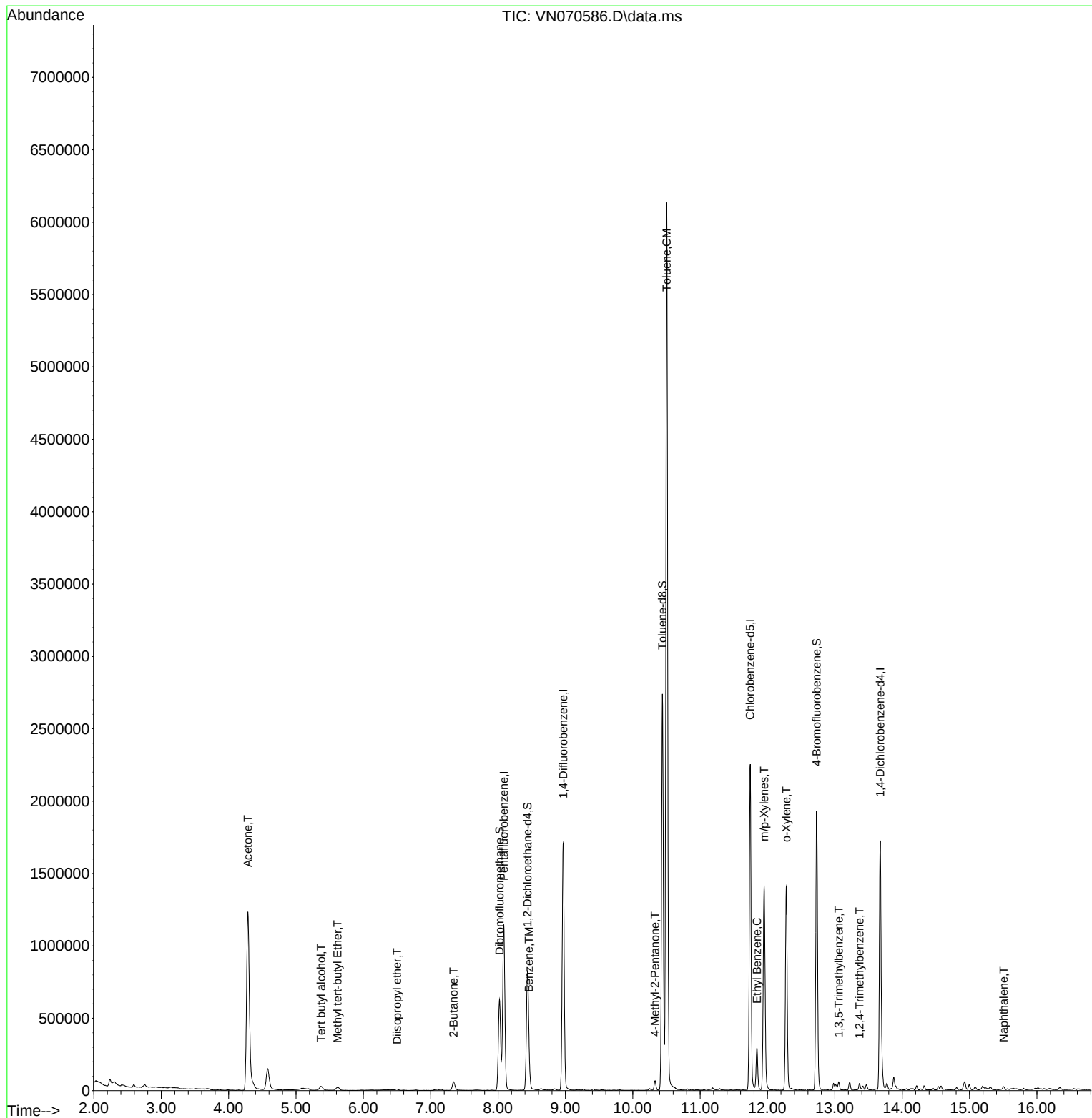
Internal Standards						
1) Pentafluorobenzene	8.086	168	874246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1480835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1314560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	483422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	658462	52.384	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 104.760%		
35) Dibromofluoromethane	8.021	113	469307	52.379	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 104.760%		
50) Toluene-d8	10.440	98	1901616	51.954	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 103.900%		
62) 4-Bromofluorobenzene	12.731	95	726089	54.925	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 109.840%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.371	59	47575	22.731	ug/l	98
16) Acetone	4.285	43	2387896	292.639	ug/l	97
19) Methyl tert-butyl Ether	5.615	73	32859	0.994	ug/l #	89
22) Diisopropyl ether	6.500	45	11714	0.298	ug/l #	81
25) 2-Butanone	7.340	43	107705	10.483	ug/l	93
40) Benzene	8.458	78	93849	2.065	ug/l	96
51) 4-Methyl-2-Pentanone	10.330	43	45360	2.383	ug/l	100
52) Toluene	10.505	92	2693941	97.944	ug/l	96
67) Ethyl Benzene	11.843	91	212930	4.167	ug/l	96
68) m/p-Xylenes	11.950	106	457104	24.572	ug/l	92
69) o-Xylene	12.280	106	383935	20.750	ug/l	90
80) 1,3,5-Trimethylbenzene	13.058	105	27307	0.759	ug/l	99
84) 1,2,4-Trimethylbenzene	13.366	105	26381	0.762	ug/l	96
95) Naphthalene	15.507	128	19639	2.656	ug/l #	90

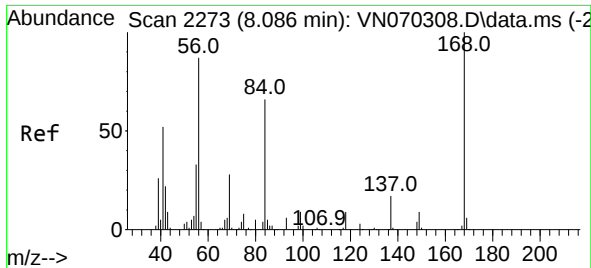
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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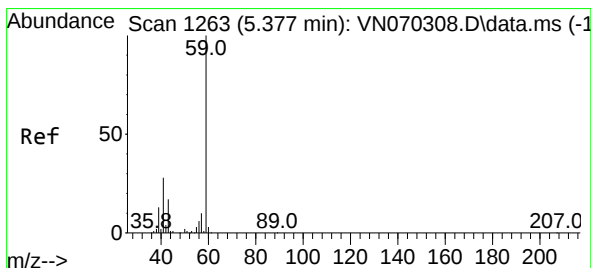
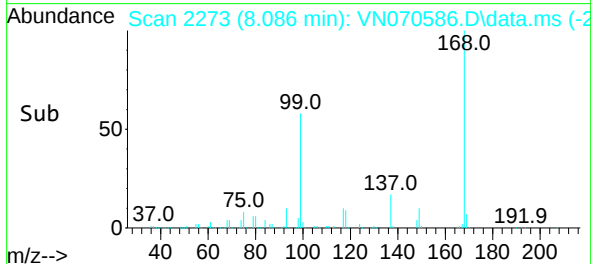
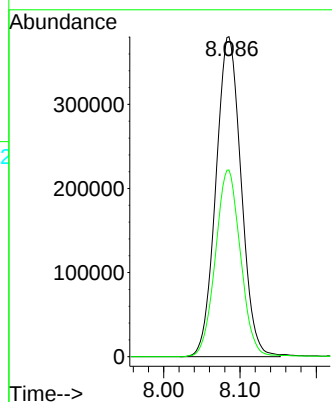
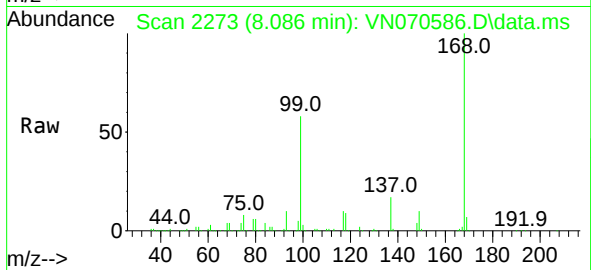




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070586.D
Acq: 12 Jan 2022 15:10

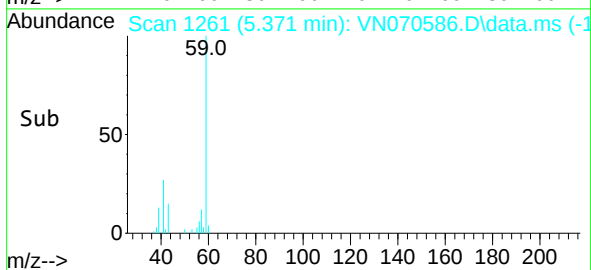
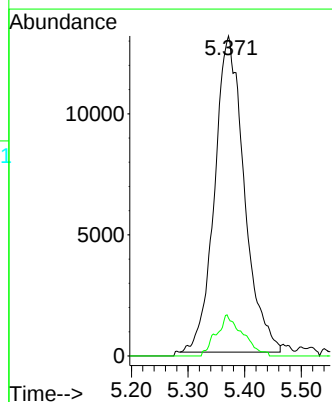
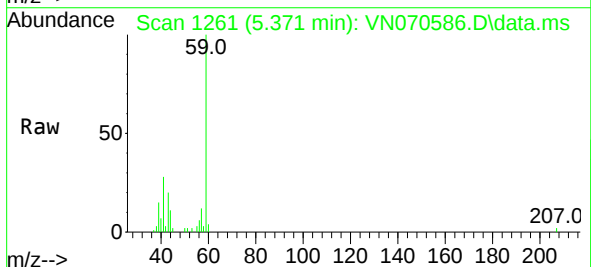
Instrument :
MSVOA_N
ClientSampleId :
31280

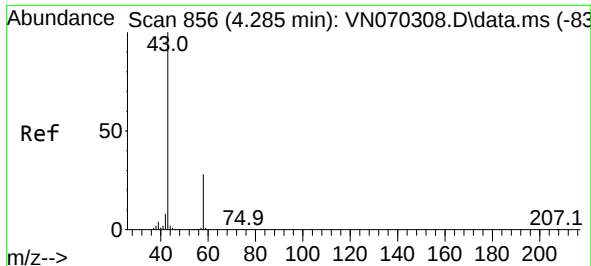
Tgt Ion:168 Resp: 874246
Ion Ratio Lower Upper
168 100
99 58.4 41.3 61.9



#11
Tert butyl alcohol
Concen: 22.731 ug/l
RT: 5.371 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VN070586.D
Acq: 12 Jan 2022 15:10

Tgt Ion: 59 Resp: 47575
Ion Ratio Lower Upper
59 100
57 11.5 8.7 13.1

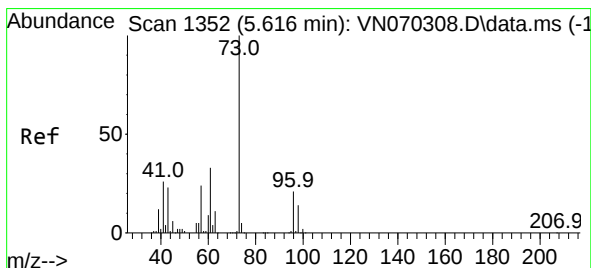
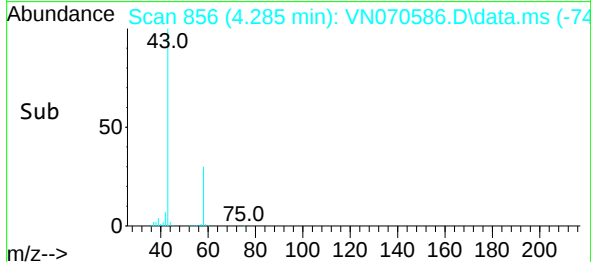
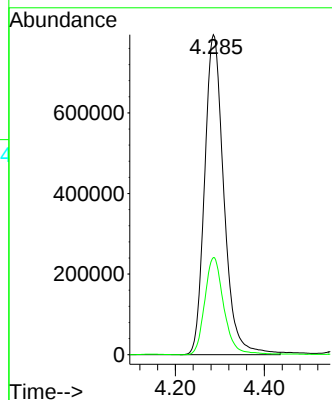
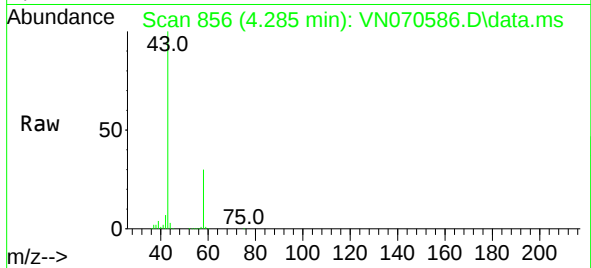




#16
Acetone
Concen: 292.639 ug/l
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN070586.D
Acq: 12 Jan 2022 15:10

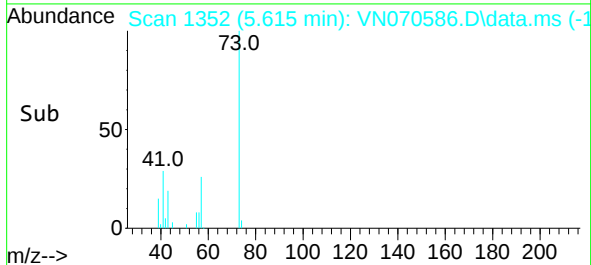
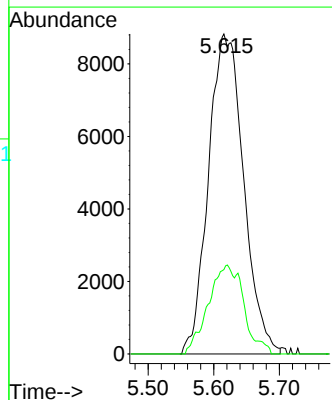
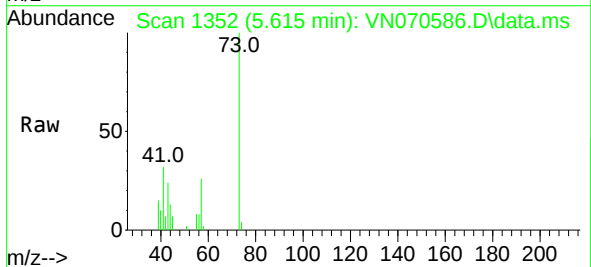
Instrument :
MSVOA_N
ClientSampleId :
31280

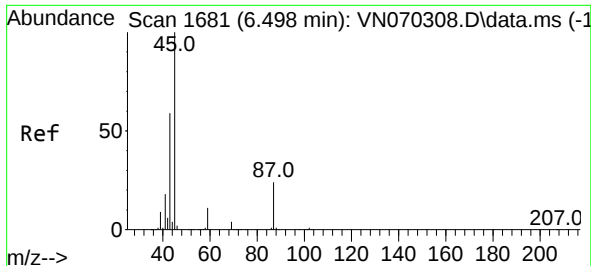
Tgt Ion: 43 Resp: 2387896
Ion Ratio Lower Upper
43 100
58 30.4 23.1 34.7



#19
Methyl tert-butyl Ether
Concen: 0.994 ug/l
RT: 5.615 min Scan# 1352
Delta R.T. -0.001 min
Lab File: VN070586.D
Acq: 12 Jan 2022 15:10

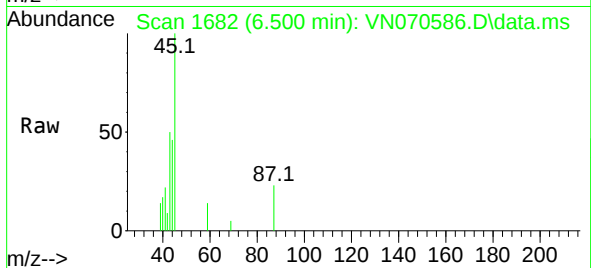
Tgt Ion: 73 Resp: 32859
Ion Ratio Lower Upper
73 100
57 26.3 16.8 25.2#



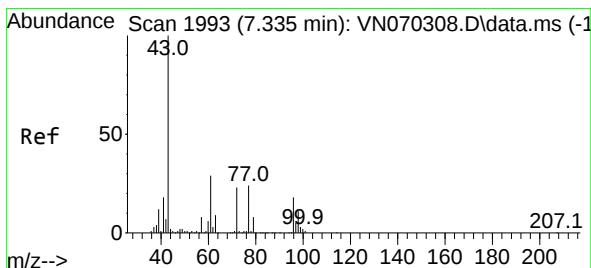
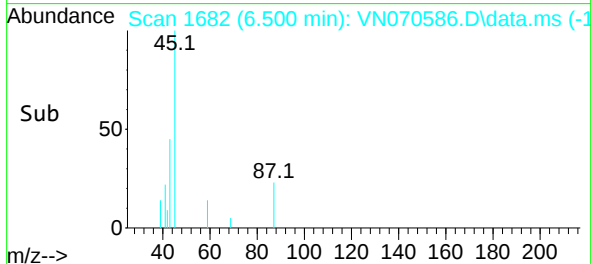
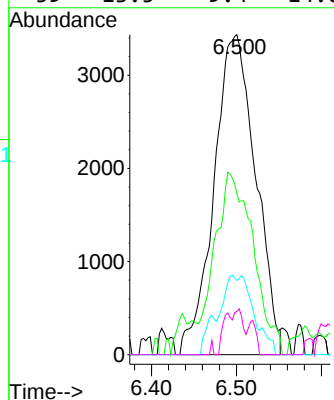


#22
Diisopropyl ether
Concen: 0.298 ug/l
RT: 6.500 min Scan# 11714
Delta R.T. 0.002 min
Lab File: VN070586.D
Acq: 12 Jan 2022 15:10

Instrument :
MSVOA_N
ClientSampleId :
31280

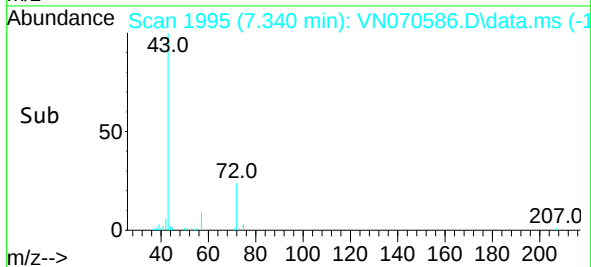
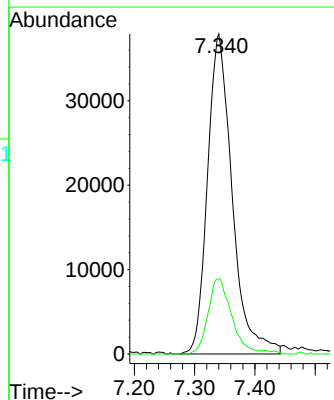
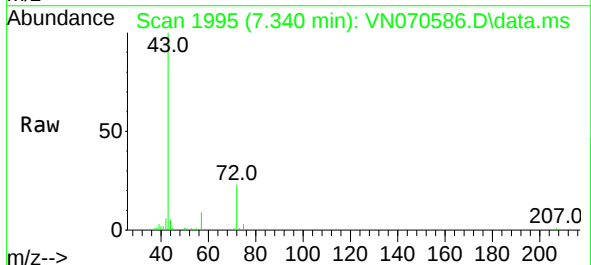


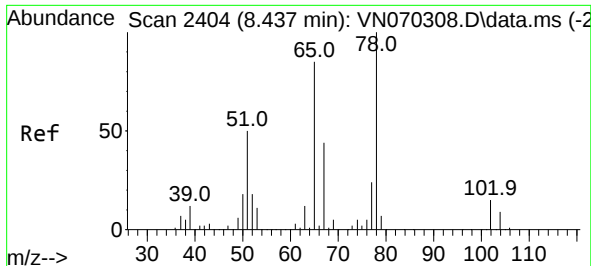
Tgt Ion: 45 Resp: 11714
Ion Ratio Lower Upper
45 100
43 45.0 51.7 77.5#
87 23.2 23.2 34.8#
59 13.5 9.4 14.0



#25
2-Butanone
Concen: 10.483 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.005 min
Lab File: VN070586.D
Acq: 12 Jan 2022 15:10

Tgt Ion: 43 Resp: 107705
Ion Ratio Lower Upper
43 100
72 23.5 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 52.384 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070586.D

Acq: 12 Jan 2022 15:10

Instrument :

MSVOA_N

ClientSampleId :

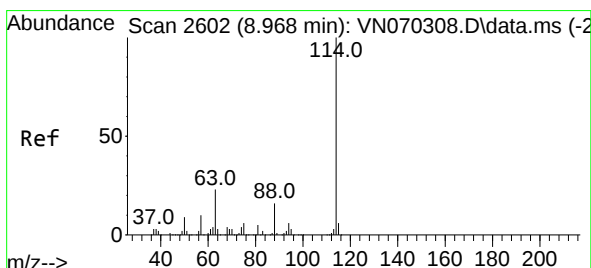
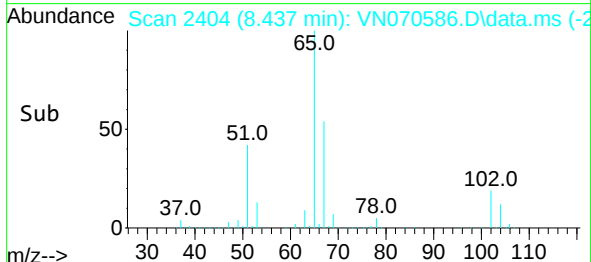
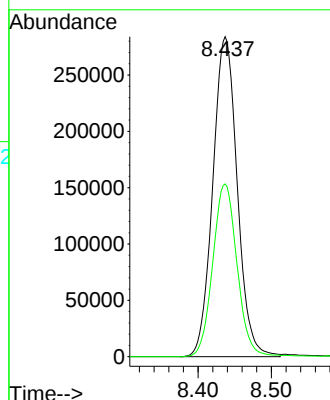
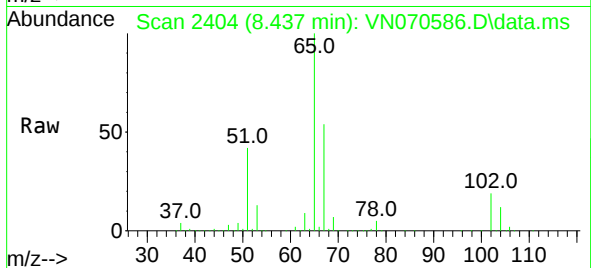
31280

Tgt Ion: 65 Resp: 658462

Ion Ratio Lower Upper

65 100

67 53.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070586.D

Acq: 12 Jan 2022 15:10

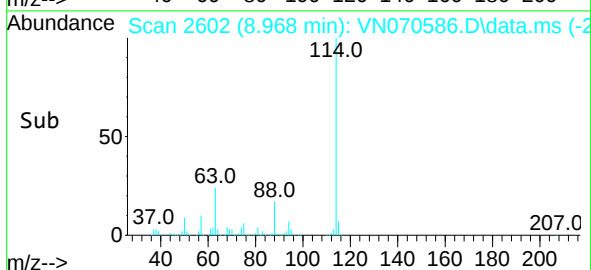
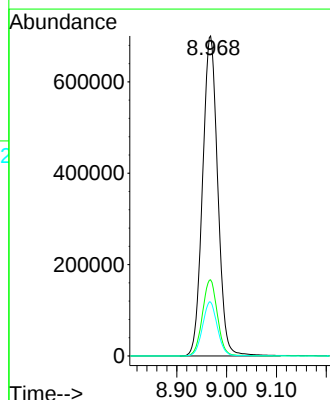
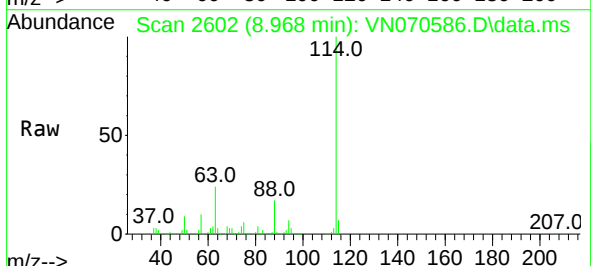
Tgt Ion: 114 Resp: 1480835

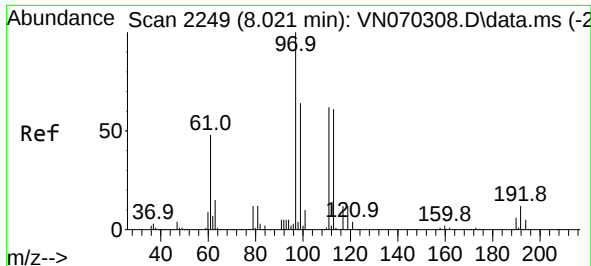
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

88 16.8 0.0 27.4

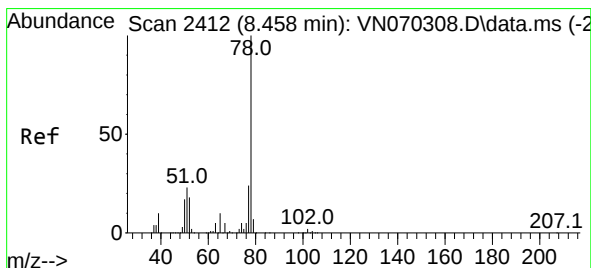
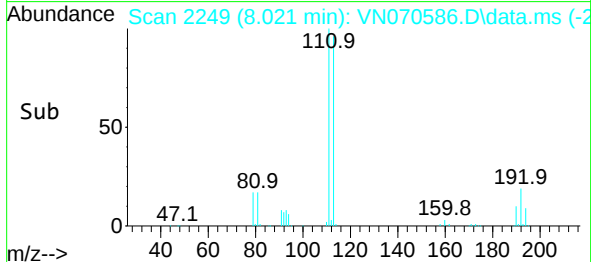
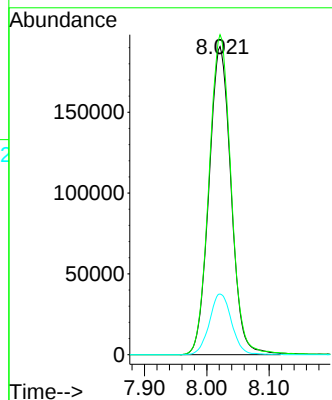
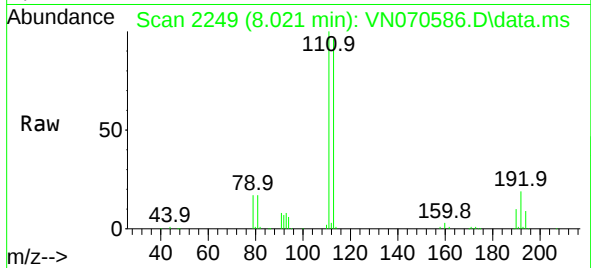




#35
Dibromofluoromethane
Concen: 52.379 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070586.D
Acq: 12 Jan 2022 15:10

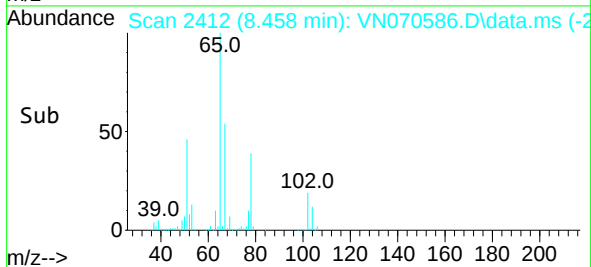
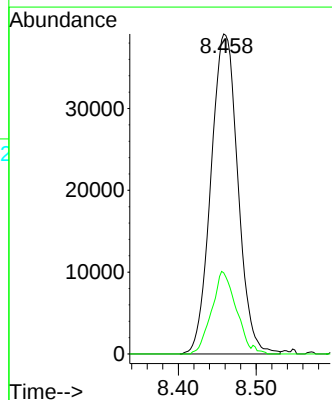
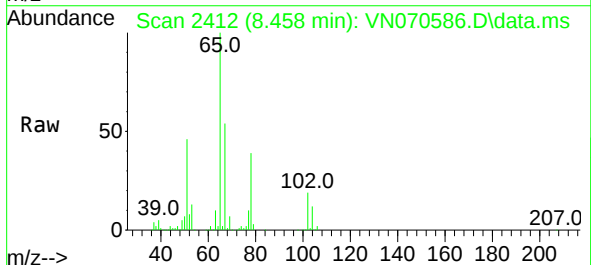
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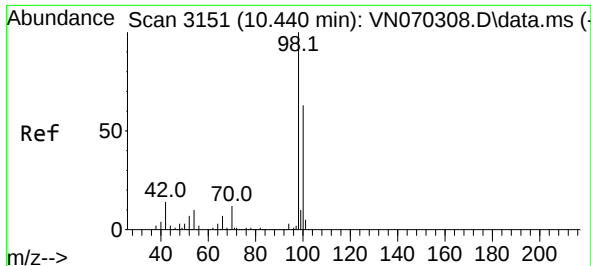
Tgt Ion:113 Resp: 469307
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 19.8 16.9 25.3



#40
Benzene
Concen: 2.065 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. 0.000 min
Lab File: VN070586.D
Acq: 12 Jan 2022 15:10

Tgt Ion: 78 Resp: 93849
Ion Ratio Lower Upper
78 100
77 25.4 18.6 27.8

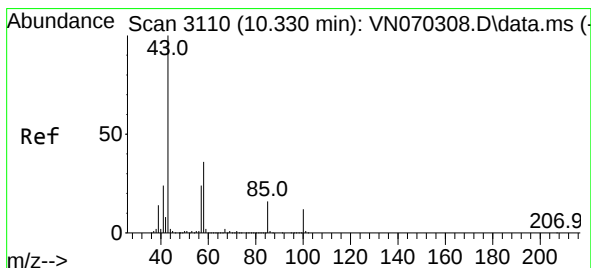
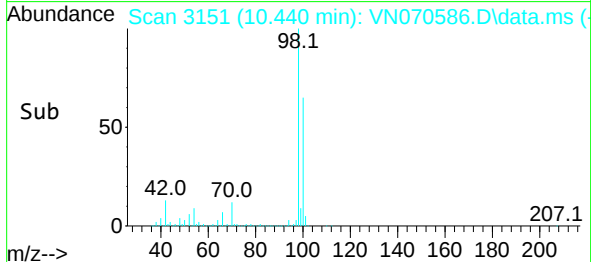
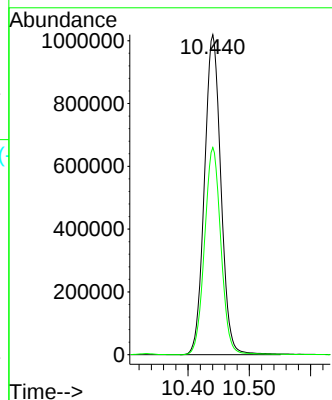
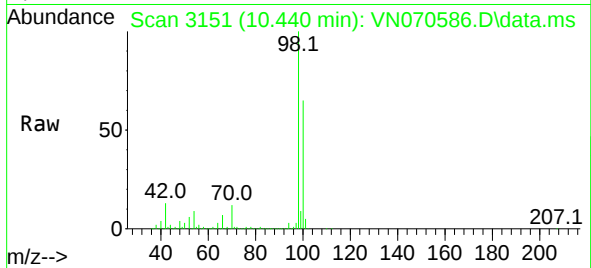




#50
Toluene-d8
Concen: 51.954 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070586.D
Acq: 12 Jan 2022 15:10

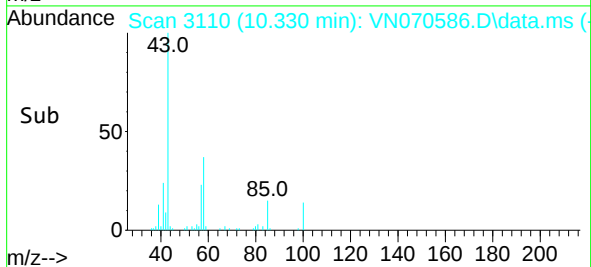
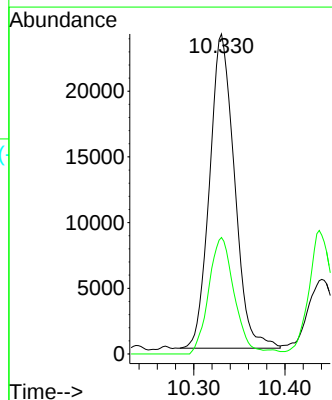
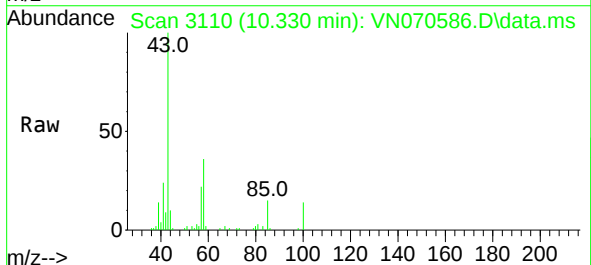
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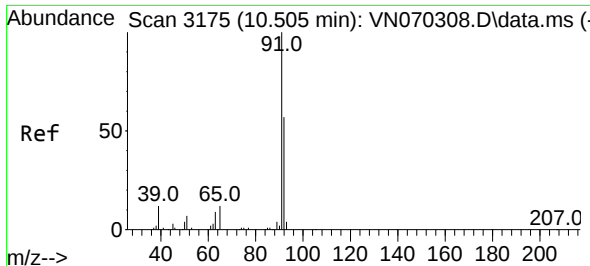
Tgt Ion: 98 Resp: 1901616
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 2.383 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070586.D
Acq: 12 Jan 2022 15:10

Tgt Ion: 43 Resp: 45360
Ion Ratio Lower Upper
43 100
58 37.8 30.4 45.6

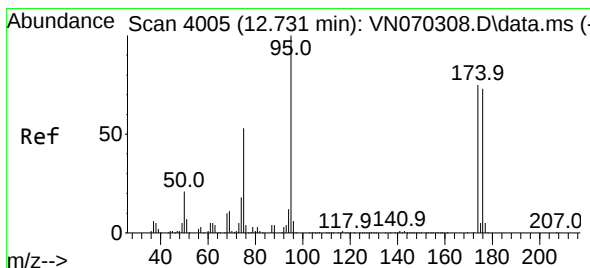
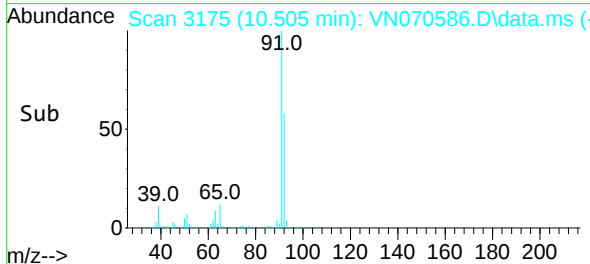
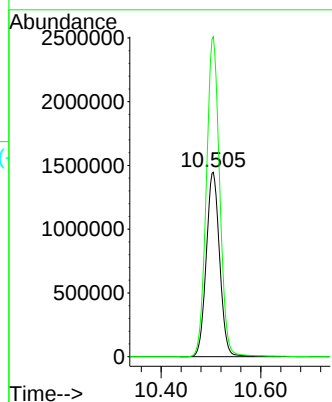
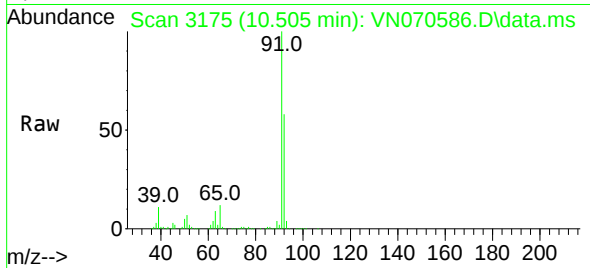




#52
Toluene
Concen: 97.944 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070586.D
Acq: 12 Jan 2022 15:10

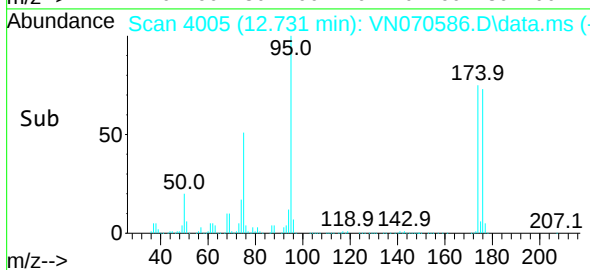
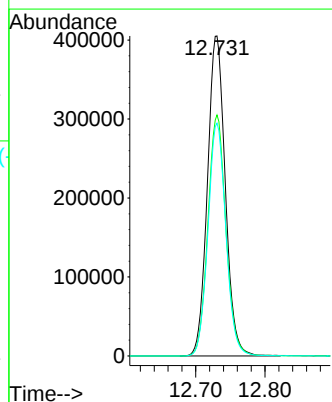
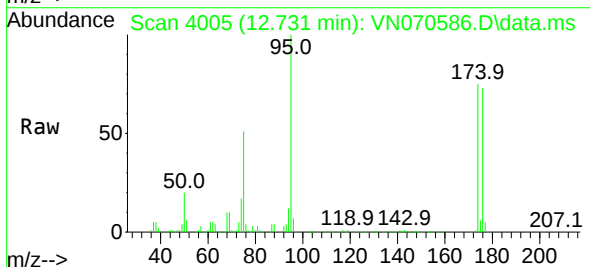
Instrument :
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ClientSampleId :
31280

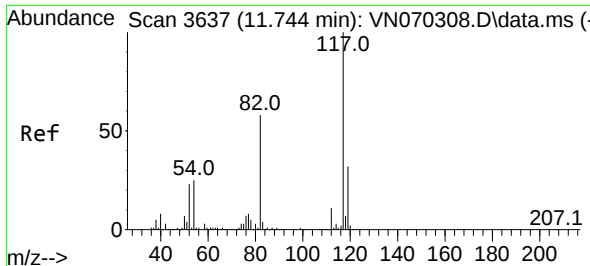
Tgt Ion: 92 Resp: 2693941
Ion Ratio Lower Upper
92 100
91 172.5 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 54.925 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070586.D
Acq: 12 Jan 2022 15:10

Tgt Ion: 95 Resp: 726089
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 72.8 0.0 181.4

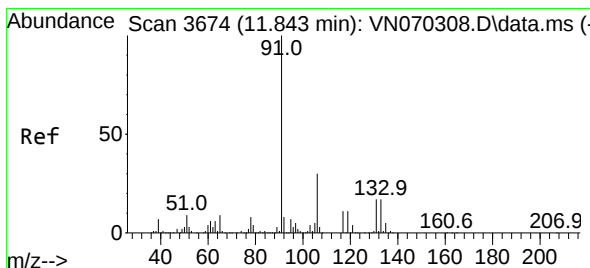
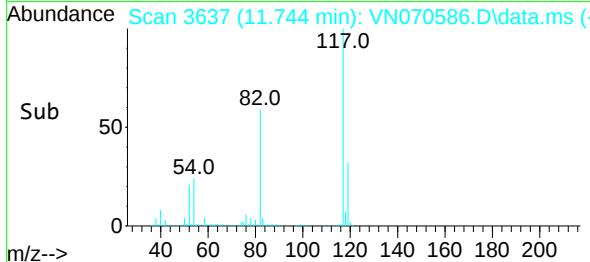
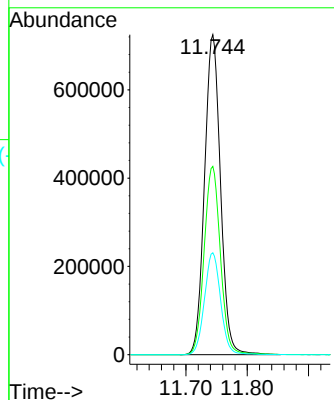
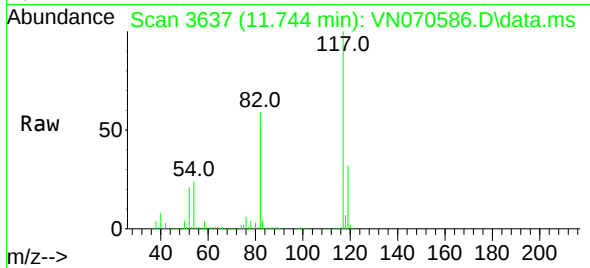




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070586.D
Acq: 12 Jan 2022 15:10

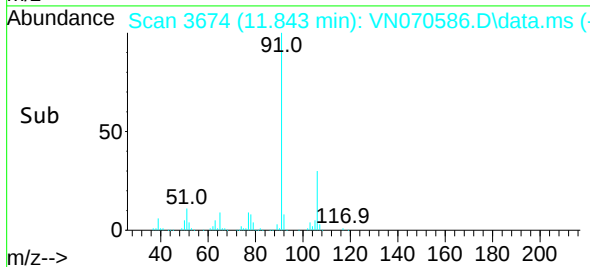
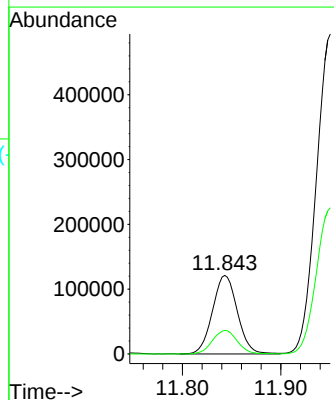
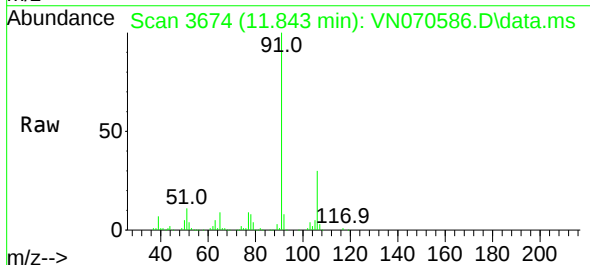
Instrument :
MSVOA_N
ClientSampleId :
31280

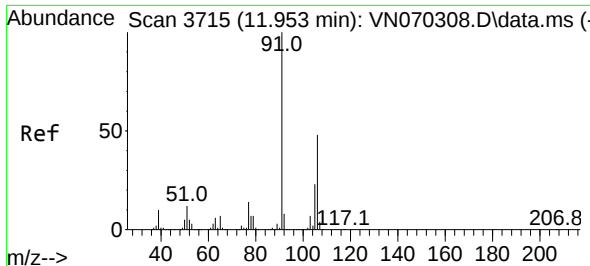
Tgt Ion:117 Resp: 1314560
Ion Ratio Lower Upper
117 100
82 58.8 42.4 63.6
119 31.8 25.4 38.2



#67
Ethyl Benzene
Concen: 4.167 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN070586.D
Acq: 12 Jan 2022 15:10

Tgt Ion: 91 Resp: 212930
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5

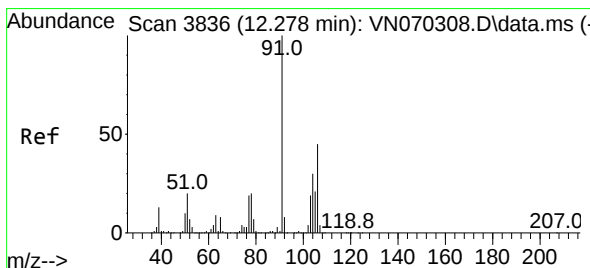
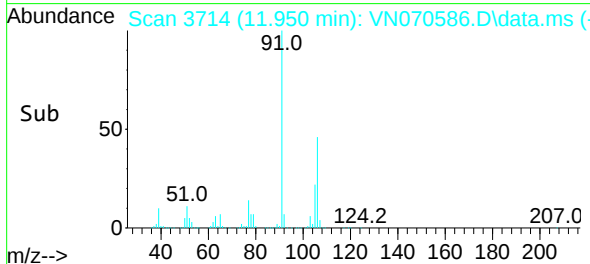
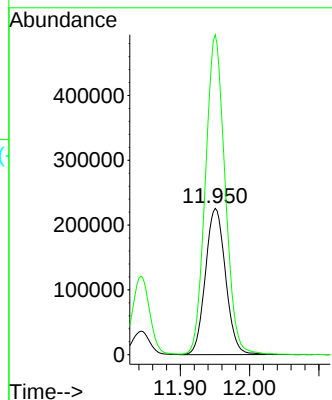
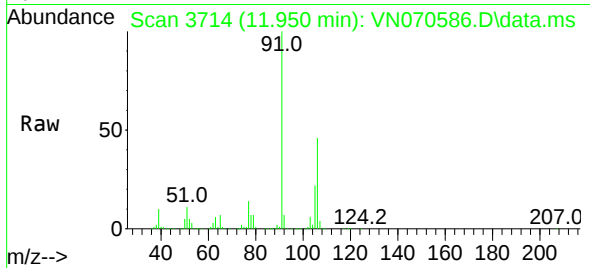




#68
m/p-Xylenes
Concen: 24.572 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070586.D
Acq: 12 Jan 2022 15:10

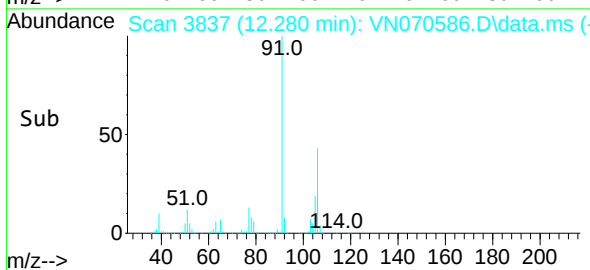
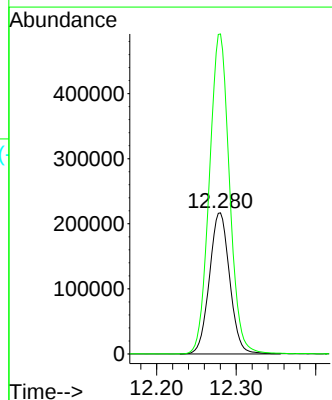
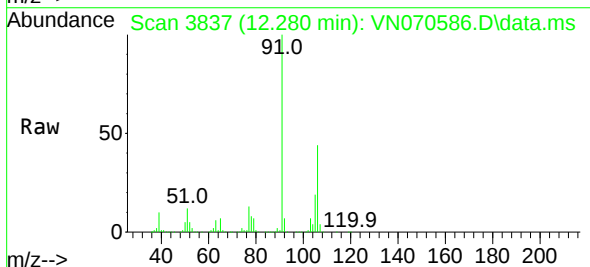
Instrument :
MSVOA_N
ClientSampleId :
31280

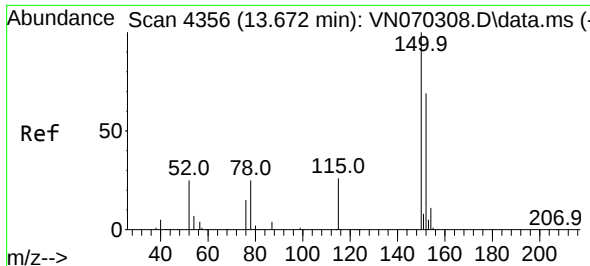
Tgt Ion:106 Resp: 457104
Ion Ratio Lower Upper
106 100
91 212.7 160.6 240.8



#69
o-Xylene
Concen: 20.750 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070586.D
Acq: 12 Jan 2022 15:10

Tgt Ion:106 Resp: 383935
Ion Ratio Lower Upper
106 100
91 226.4 105.8 317.3

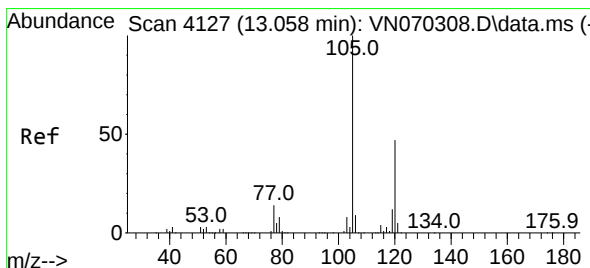
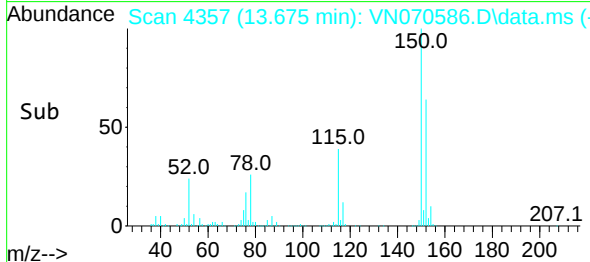
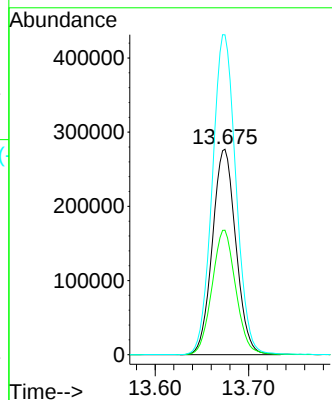
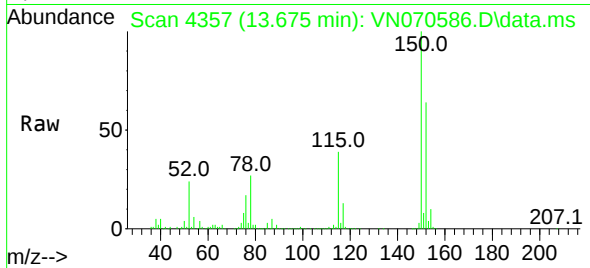




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070586.D
 Acq: 12 Jan 2022 15:10

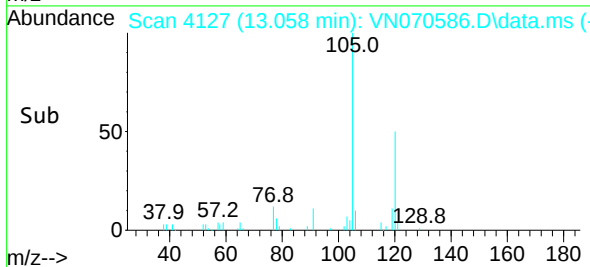
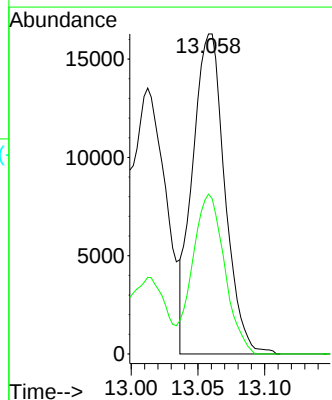
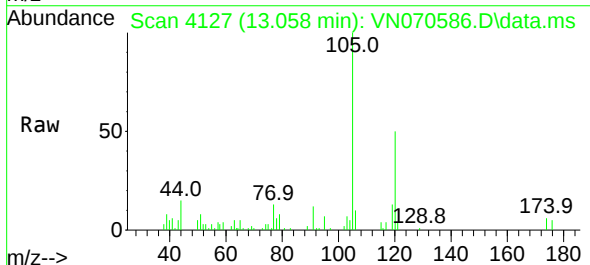
Instrument :
 MSVOA_N
 ClientSampleId :
 31280

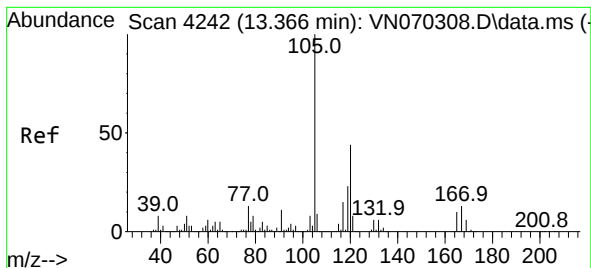
Tgt Ion:152 Resp: 483422
 Ion Ratio Lower Upper
 152 100
 115 61.4 27.5 82.5
 150 157.0 0.0 344.4



#80
 1,3,5-Trimethylbenzene
 Concen: 0.759 ug/l
 RT: 13.058 min Scan# 4127
 Delta R.T. -0.000 min
 Lab File: VN070586.D
 Acq: 12 Jan 2022 15:10

Tgt Ion:105 Resp: 27307
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.6 73.6





#84

1,2,4-Trimethylbenzene

Concen: 0.762 ug/l

RT: 13.366 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN070586.D

Acq: 12 Jan 2022 15:10

Instrument :

MSVOA_N

ClientSampleId :

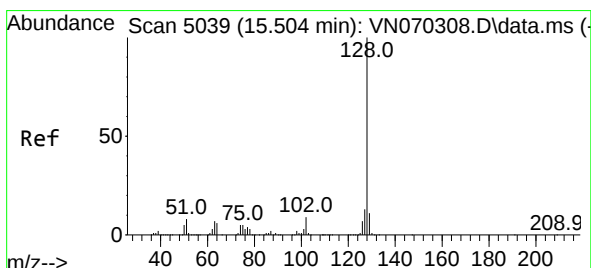
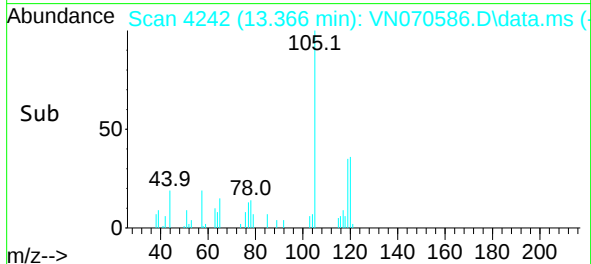
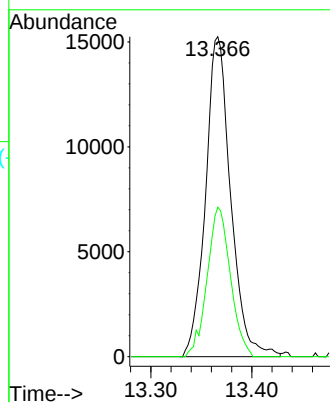
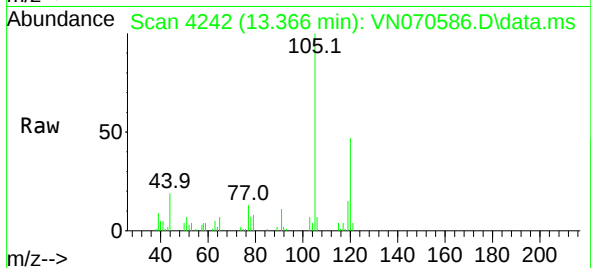
31280

Tgt Ion:105 Resp: 26381

Ion Ratio Lower Upper

105 100

120 43.1 22.8 68.4



#95

Naphthalene

Concen: 2.656 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. 0.003 min

Lab File: VN070586.D

Acq: 12 Jan 2022 15:10

Tgt Ion:128 Resp: 19639

Ion Ratio Lower Upper

128 100

127 15.5 10.5 15.7

129 5.2 8.7 13.1#

