

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031622\
 Data File : VN071323.D
 Acq On : 16 Mar 2022 16:24
 Operator : JC\MD
 Sample : N1886-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30970

Quant Time: Mar 17 05:18:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

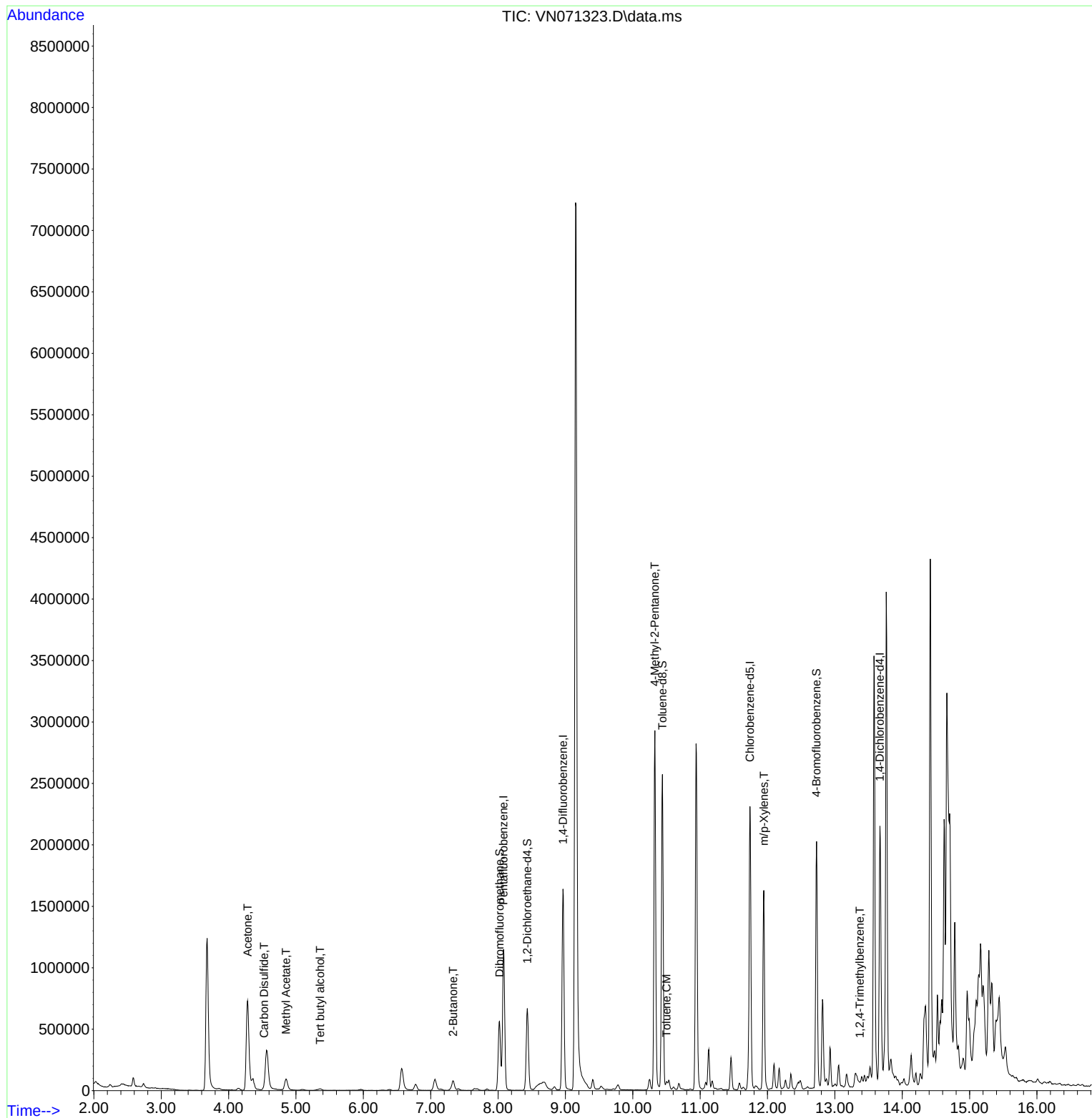
Internal Standards						
1) Pentafluorobenzene	8.081	168	881915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1429123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1344352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	569833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	548046	45.342	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.680%		
35) Dibromofluoromethane	8.022	113	419454	46.512	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.020%		
50) Toluene-d8	10.439	98	1748644	48.158	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.320%		
62) 4-Bromofluorobenzene	12.727	95	714789	58.134	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	116.260%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.357	59	25896	10.906	ug/l #	83
16) Acetone	4.281	43	1394661	237.141	ug/l	97
17) Carbon Disulfide	4.528	76	53909	2.142	ug/l	99
18) Methyl Acetate	4.851	43	193589	12.611	ug/l	95
25) 2-Butanone	7.334	43	124895	13.183	ug/l	94
51) 4-Methyl-2-Pentanone	10.328	43	1998288	108.278	ug/l	99
52) Toluene	10.498	92	24024	0.896	ug/l	96
68) m/p-Xylenes	11.945	106	456661	24.454	ug/l	96
84) 1,2,4-Trimethylbenzene	13.368	105	12421	0.303	ug/l	86

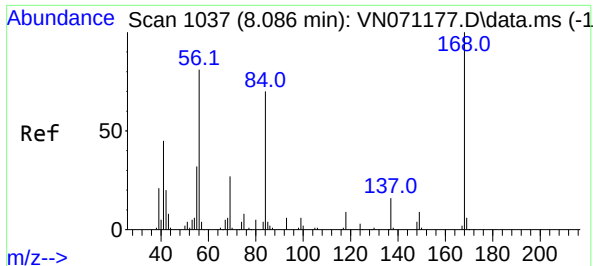
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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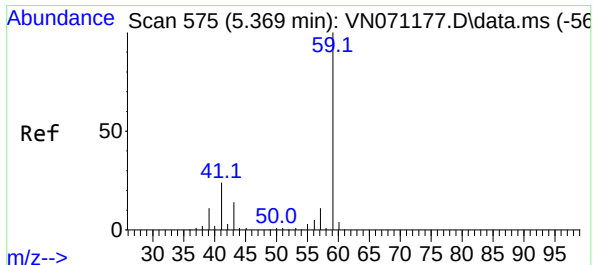
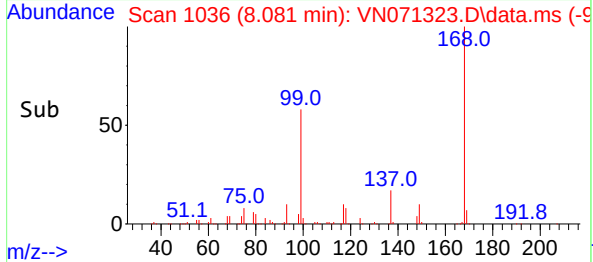
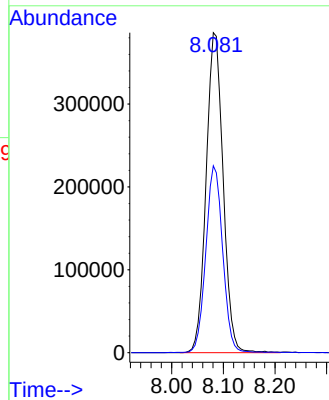
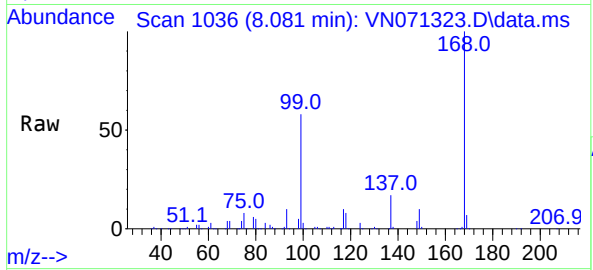




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071323.D
Acq: 16 Mar 2022 16:24

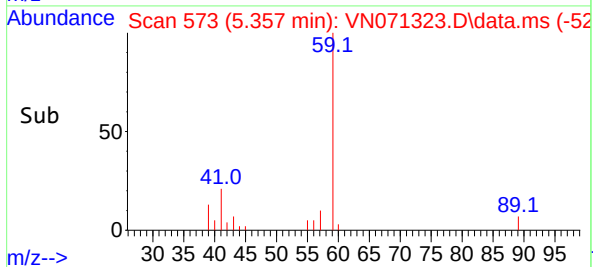
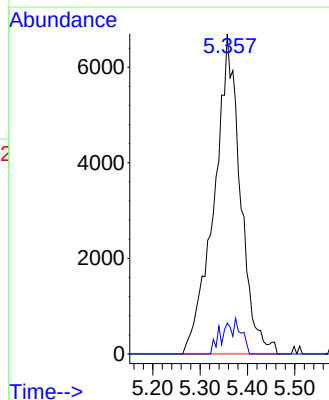
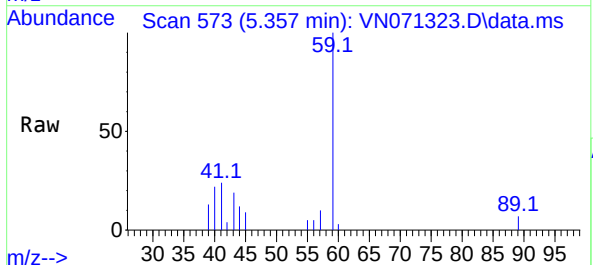
Instrument :
MSVOA_N
ClientSampleId :
30970

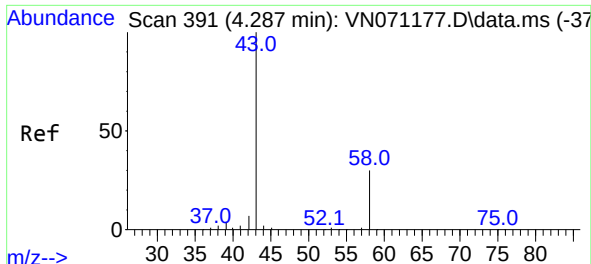
Tgt Ion:168 Resp: 881915
Ion Ratio Lower Upper
168 100
99 58.3 41.3 61.9



#11
Tert butyl alcohol
Concen: 10.906 ug/l
RT: 5.357 min Scan# 573
Delta R.T. -0.012 min
Lab File: VN071323.D
Acq: 16 Mar 2022 16:24

Tgt Ion: 59 Resp: 25896
Ion Ratio Lower Upper
59 100
57 4.5 8.7 13.1#

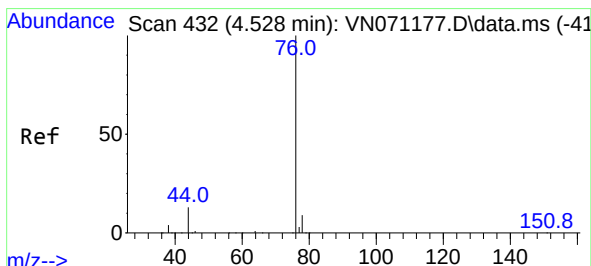
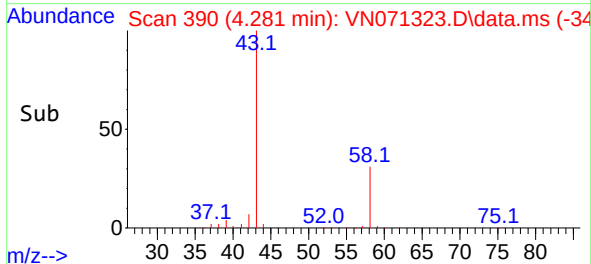
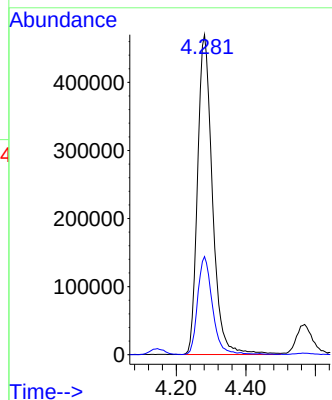
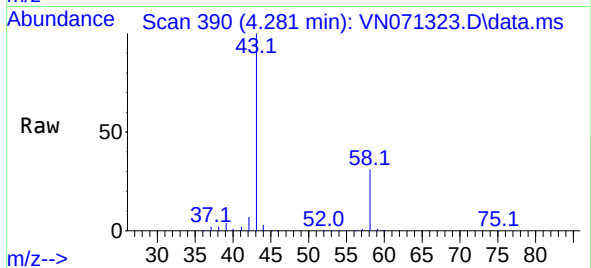




#16
Acetone
Concen: 237.141 ug/l
RT: 4.281 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN071323.D
Acq: 16 Mar 2022 16:24

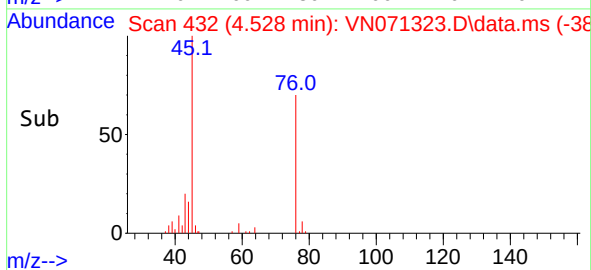
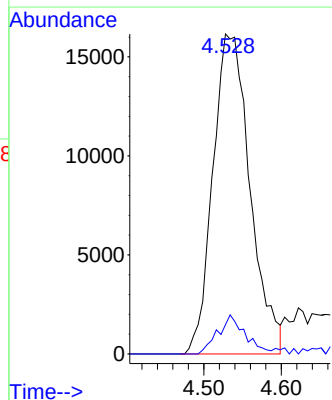
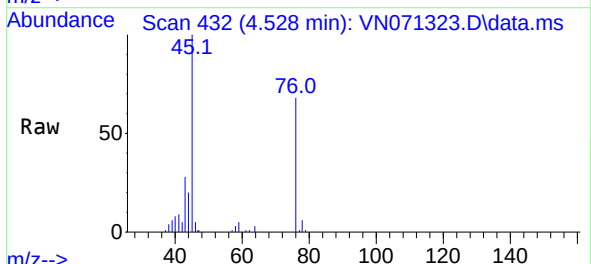
Instrument :
MSVOA_N
ClientSampleId :
30970

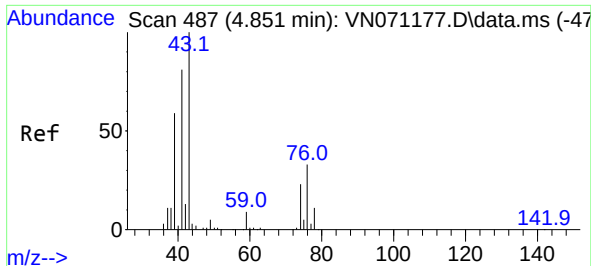
Tgt Ion: 43 Resp: 1394661
Ion Ratio Lower Upper
43 100
58 30.6 23.1 34.7



#17
Carbon Disulfide
Concen: 2.142 ug/l
RT: 4.528 min Scan# 432
Delta R.T. 0.000 min
Lab File: VN071323.D
Acq: 16 Mar 2022 16:24

Tgt Ion: 76 Resp: 53909
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

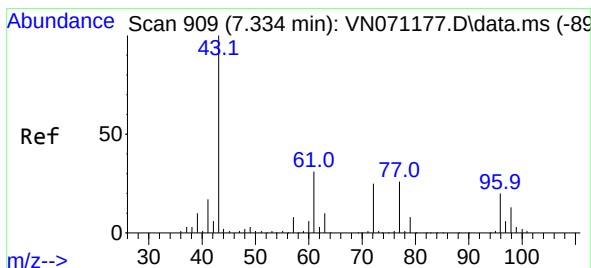
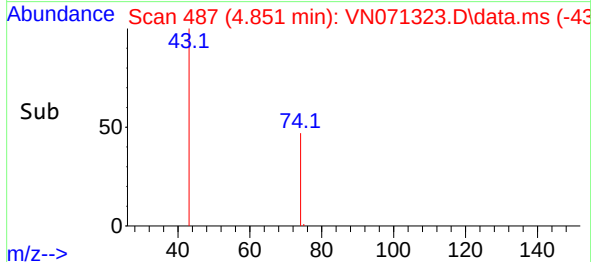
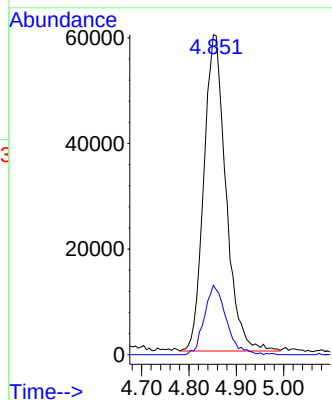
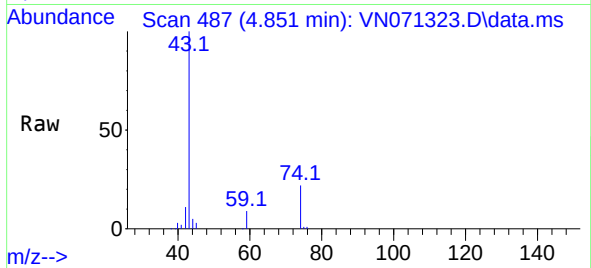




#18
Methyl Acetate
Concen: 12.611 ug/l
RT: 4.851 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN071323.D
Acq: 16 Mar 2022 16:24

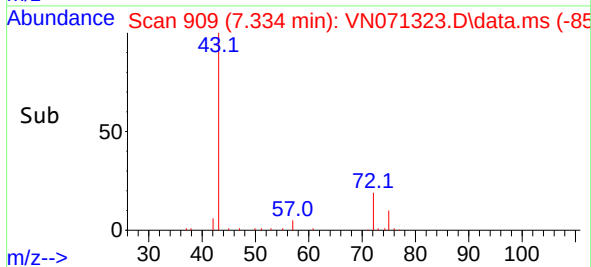
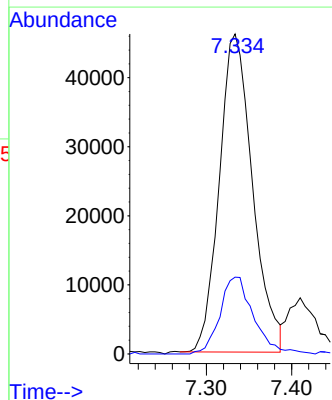
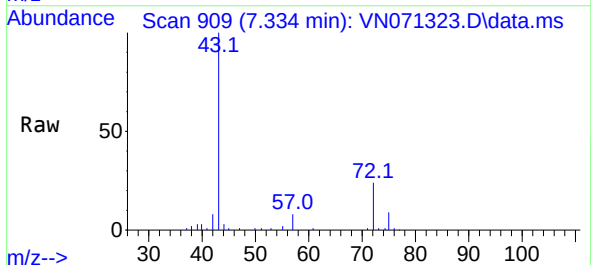
Instrument :
MSVOA_N
ClientSampleId :
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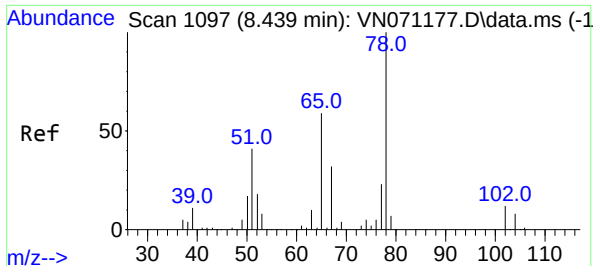
Tgt Ion: 43 Resp: 193589
Ion Ratio Lower Upper
43 100
74 21.7 19.4 29.2



#25
2-Butanone
Concen: 13.183 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.000 min
Lab File: VN071323.D
Acq: 16 Mar 2022 16:24

Tgt Ion: 43 Resp: 124895
Ion Ratio Lower Upper
43 100
72 24.2 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 45.342 ug/l

RT: 8.434 min Scan# 1097

Delta R.T. -0.006 min

Lab File: VN071323.D

Acq: 16 Mar 2022 16:24

Instrument :

MSVOA_N

ClientSampleId :

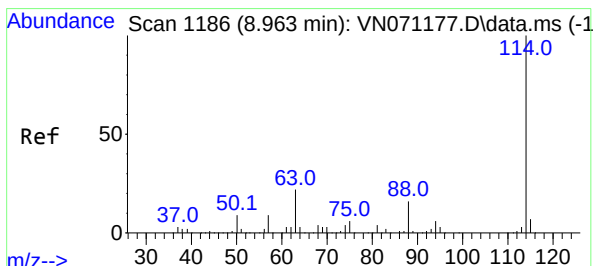
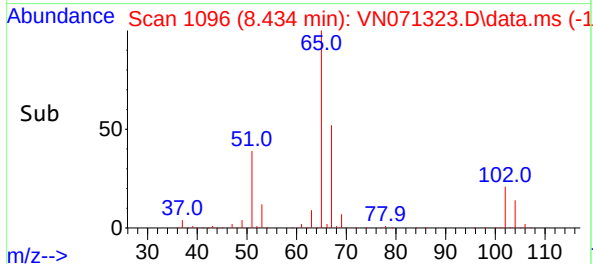
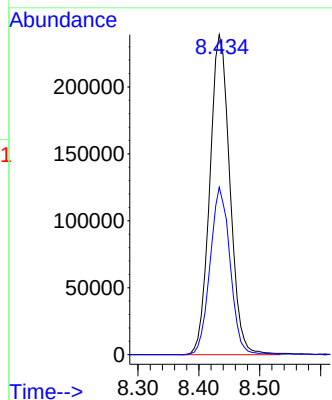
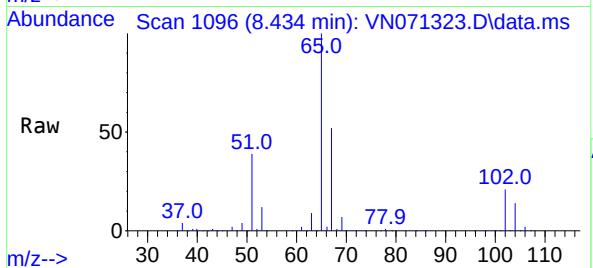
30970

Tgt Ion: 65 Resp: 548046

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071323.D

Acq: 16 Mar 2022 16:24

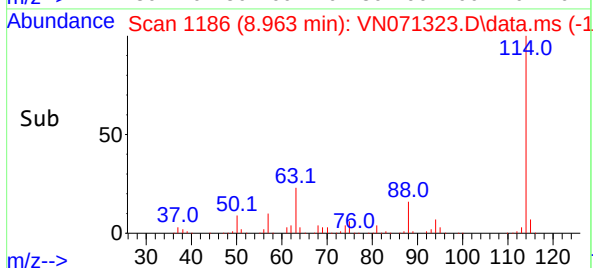
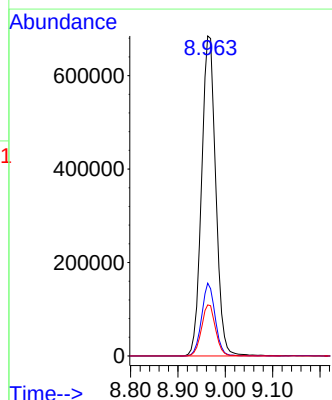
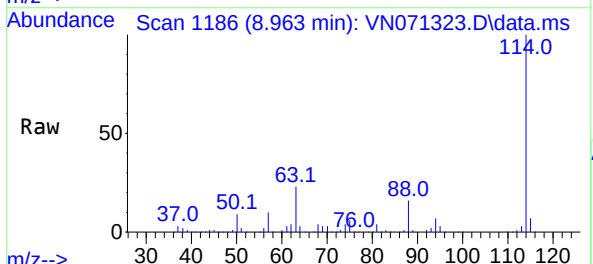
Tgt Ion: 114 Resp: 1429123

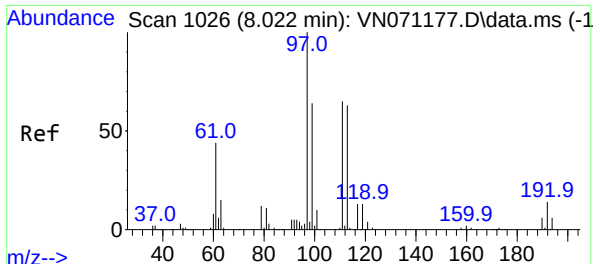
Ion Ratio Lower Upper

114 100

63 22.8 0.0 37.8

88 15.9 0.0 27.4

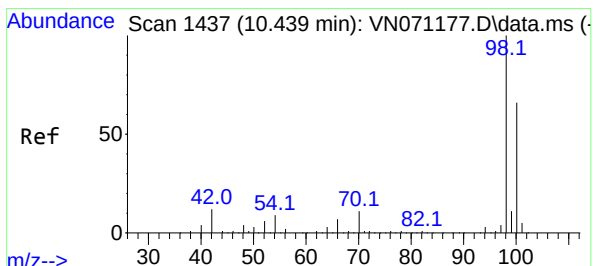
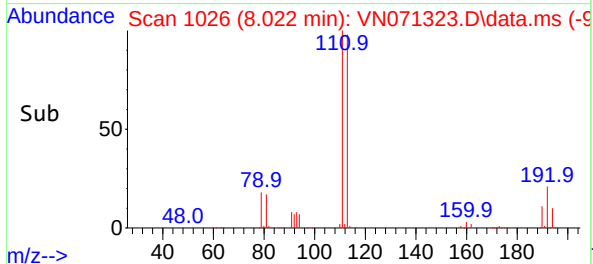
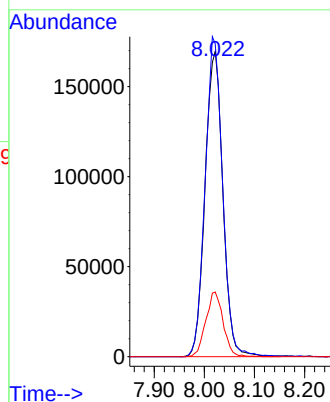
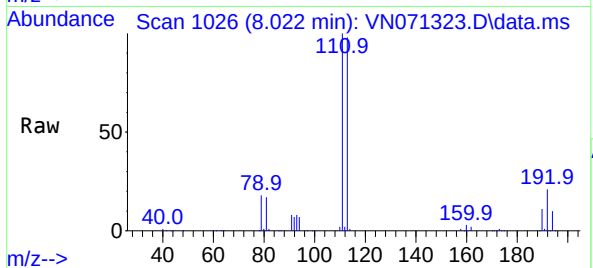




#35
Dibromofluoromethane
Concen: 46.512 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN071323.D
Acq: 16 Mar 2022 16:24

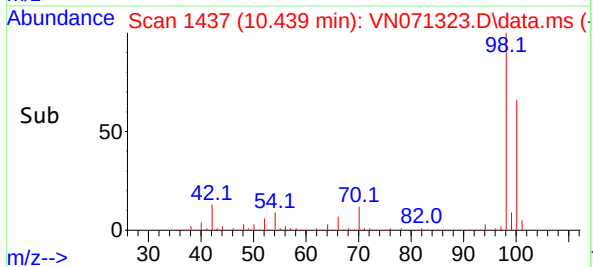
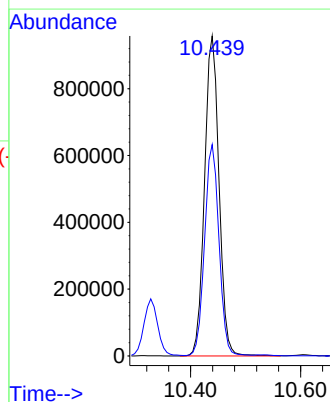
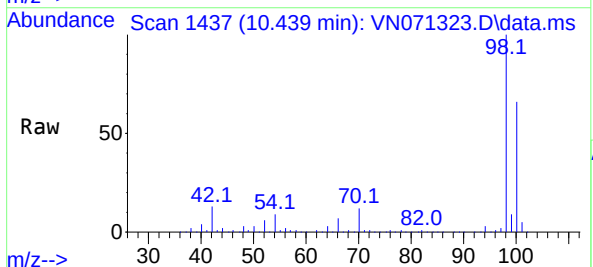
Instrument :
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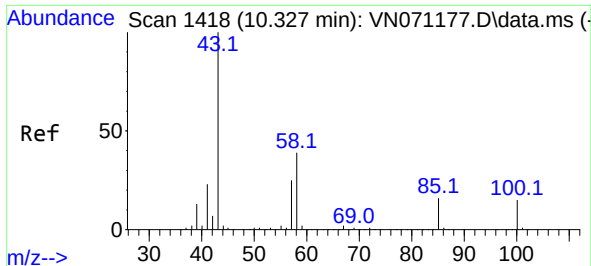
Tgt Ion:113 Resp: 419454
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 20.6 16.9 25.3



#50
Toluene-d8
Concen: 48.158 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071323.D
Acq: 16 Mar 2022 16:24

Tgt Ion: 98 Resp: 1748644
Ion Ratio Lower Upper
98 100
100 65.4 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 108.278 ug/l

RT: 10.328 min Scan# 1418

Delta R.T. 0.001 min

Lab File: VN071323.D

Acq: 16 Mar 2022 16:24

Instrument :

MSVOA_N

ClientSampleId :

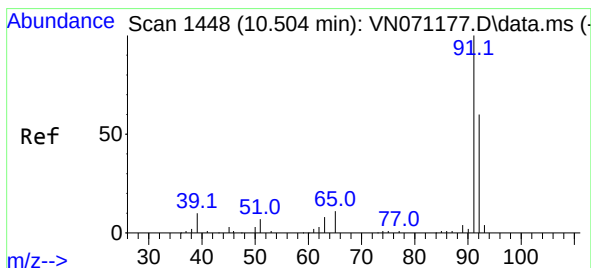
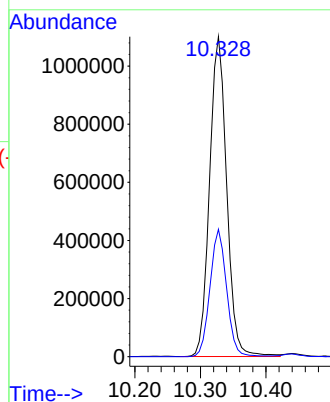
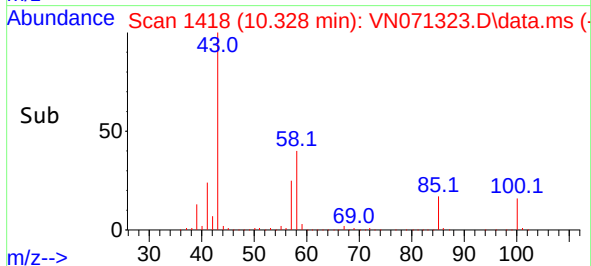
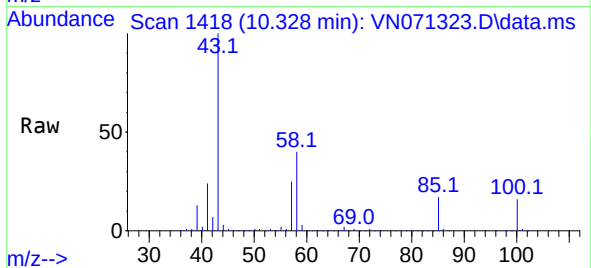
30970

Tgt Ion: 43 Resp: 1998288

Ion Ratio Lower Upper

43 100

58 38.6 30.4 45.6



#52

Toluene

Concen: 0.896 ug/l

RT: 10.498 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN071323.D

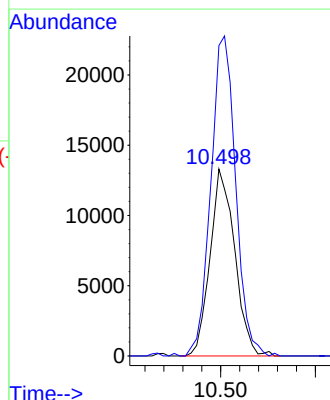
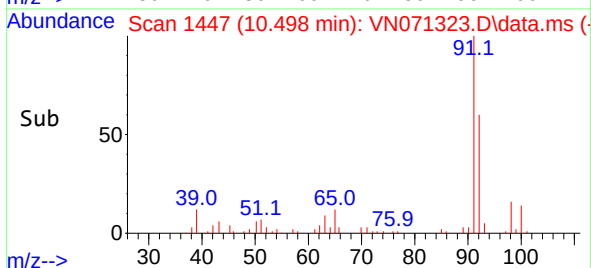
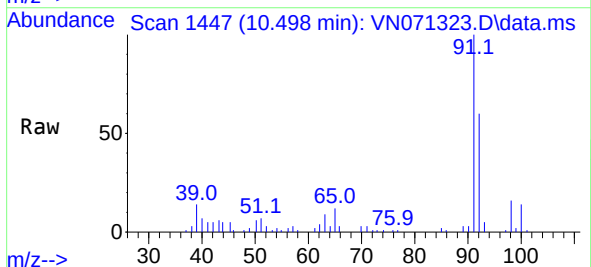
Acq: 16 Mar 2022 16:24

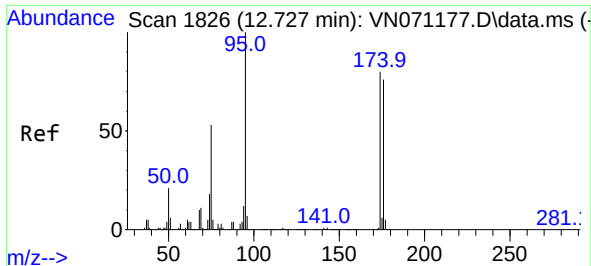
Tgt Ion: 92 Resp: 24024

Ion Ratio Lower Upper

92 100

91 172.5 142.0 213.0

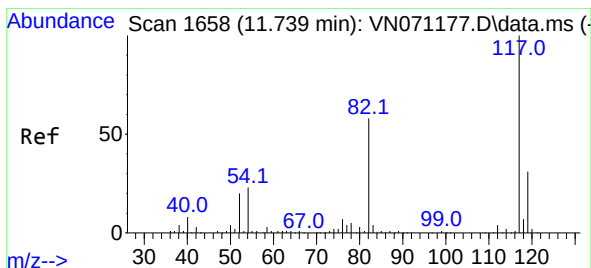
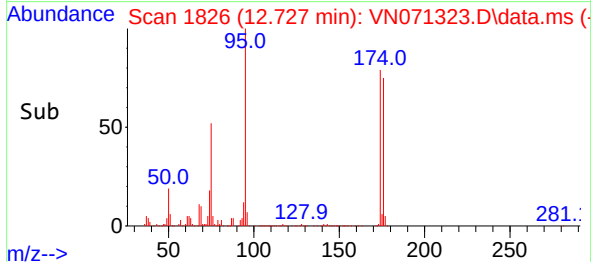
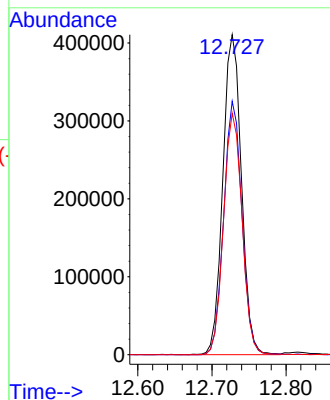
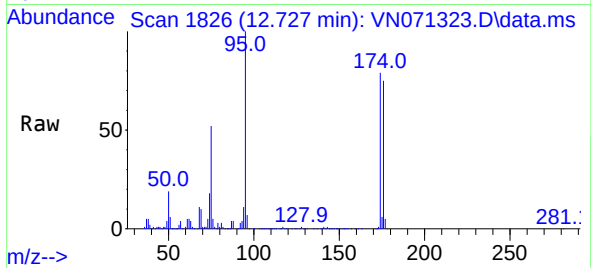




#62
4-Bromofluorobenzene
Concen: 58.134 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071323.D
Acq: 16 Mar 2022 16:24

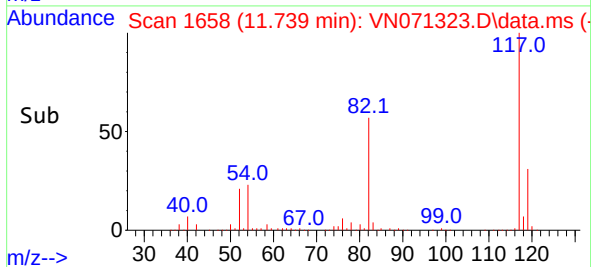
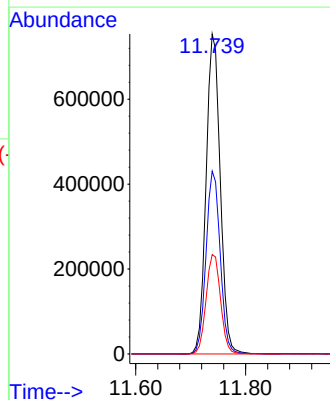
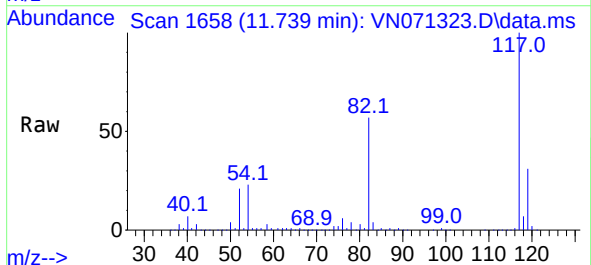
Instrument :
MSVOA_N
ClientSampleId :
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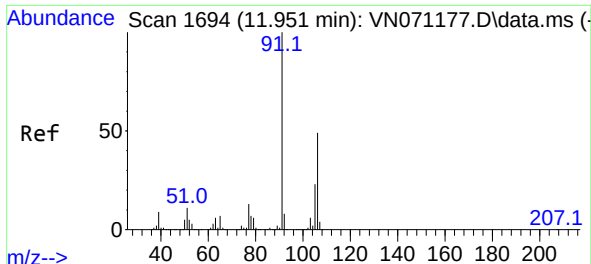
Tgt Ion: 95 Resp: 714789
Ion Ratio Lower Upper
95 100
174 77.8 0.0 187.2
176 75.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071323.D
Acq: 16 Mar 2022 16:24

Tgt Ion: 117 Resp: 1344352
Ion Ratio Lower Upper
117 100
82 57.2 42.4 63.6
119 31.1 25.4 38.2

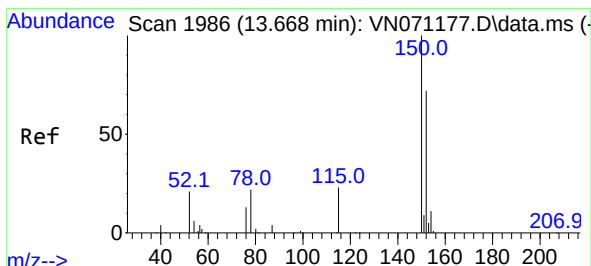
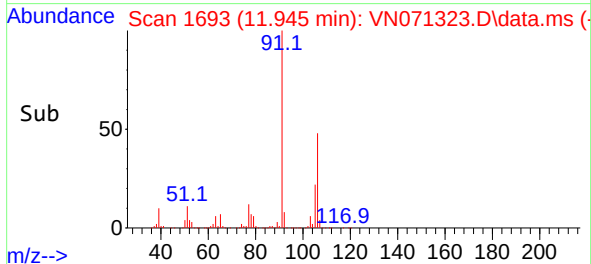
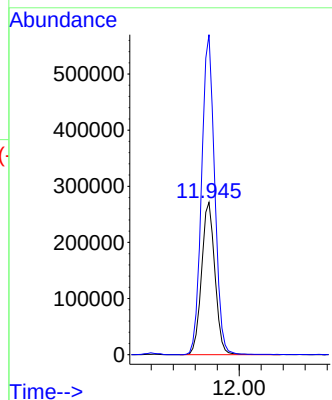
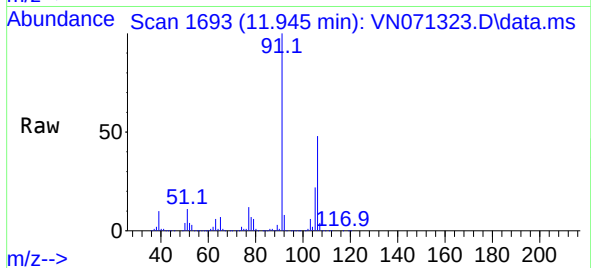




#68
m/p-Xylenes
Concen: 24.454 ug/l
RT: 11.945 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VN071323.D
Acq: 16 Mar 2022 16:24

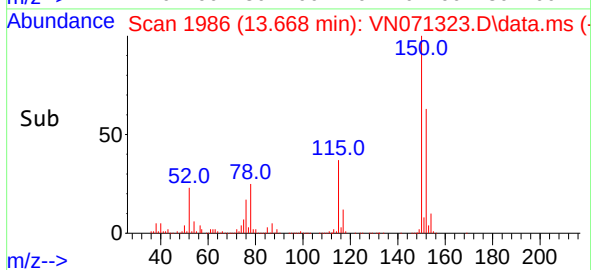
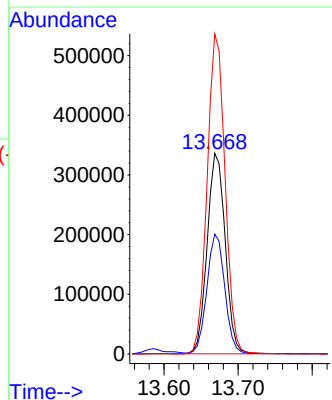
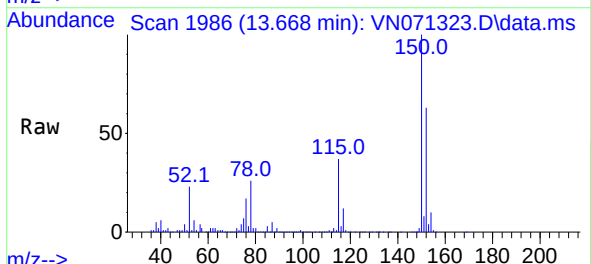
Instrument :
MSVOA_N
ClientSampleId :
30970

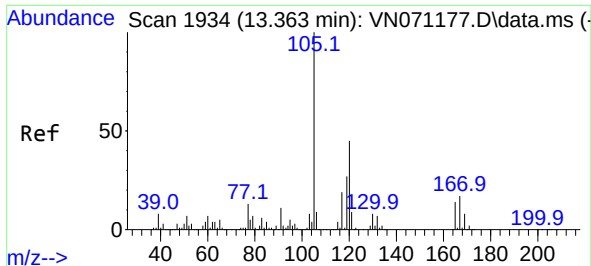
Tgt Ion:106 Resp: 456661
Ion Ratio Lower Upper
106 100
91 207.0 160.6 240.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071323.D
Acq: 16 Mar 2022 16:24

Tgt Ion:152 Resp: 569833
Ion Ratio Lower Upper
152 100
115 58.7 27.5 82.5
150 157.9 0.0 344.4





#84
 1,2,4-Trimethylbenzene
 Concen: 0.303 ug/l
 RT: 13.368 min Scan# 1935
 Delta R.T. 0.005 min
 Lab File: VN071323.D
 Acq: 16 Mar 2022 16:24

Instrument :
 MSVOA_N
 ClientSampleId :
 30970

Tgt Ion:105 Resp: 12421
 Ion Ratio Lower Upper
 105 100
 120 36.4 22.8 68.4

