

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022322\
 Data File : VN071038.D
 Acq On : 23 Feb 2022 17:20
 Operator : JC\MD
 Sample : N1642-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31453

Quant Time: Feb 24 00:40:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

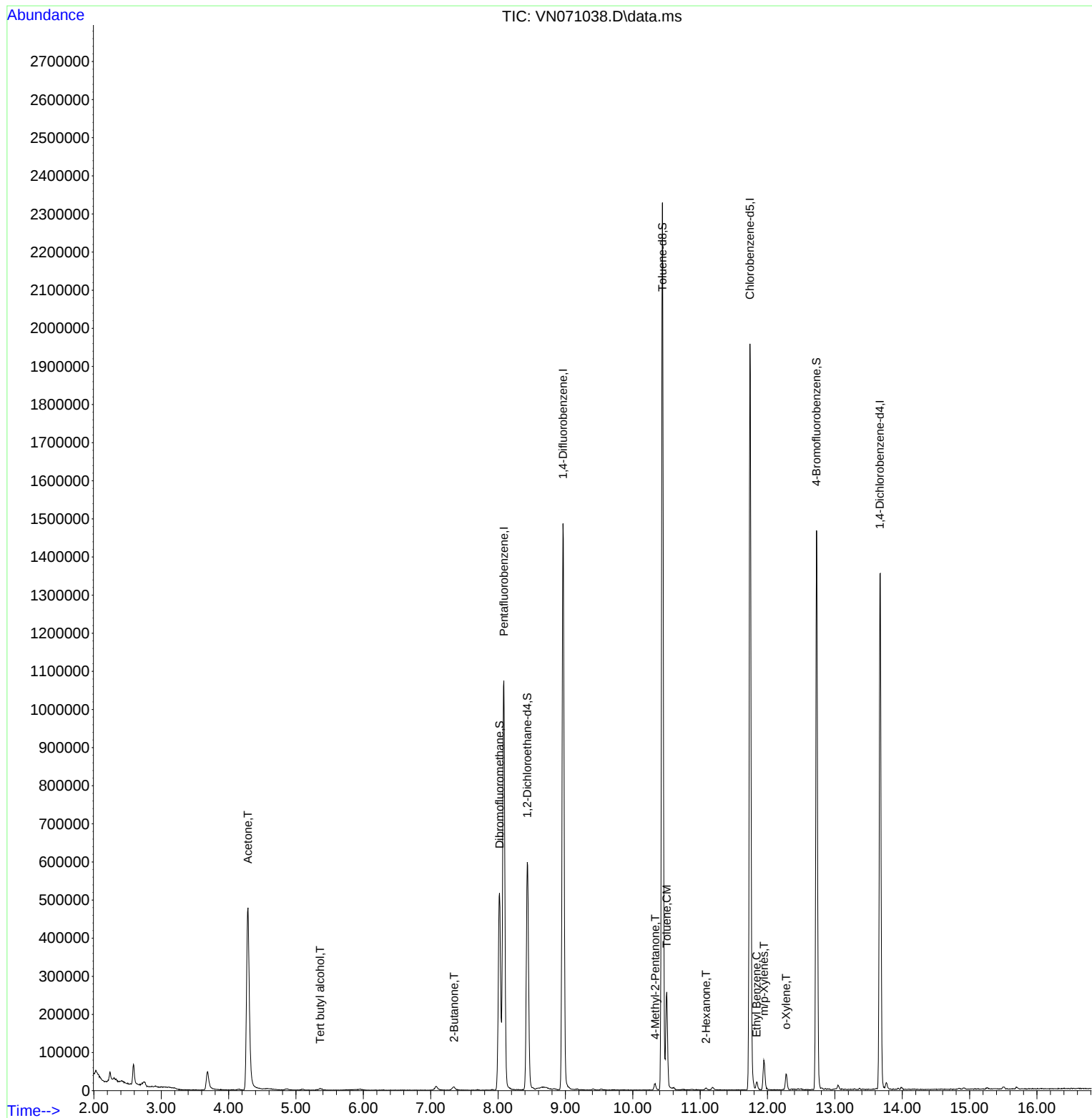
Internal Standards						
1) Pentafluorobenzene	8.087	168	845115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1335780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1173488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	393542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	498641	51.652	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.300%			
35) Dibromofluoromethane	8.022	113	387548	48.777	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.560%			
50) Toluene-d8	10.439	98	1617449	50.692	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.380%			
62) 4-Bromofluorobenzene	12.727	95	525231	46.052	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.100%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.357	59	7894	4.487	ug/l #	75
16) Acetone	4.287	43	917745	172.618	ug/l	93
25) 2-Butanone	7.345	43	17577	2.485	ug/l	99
51) 4-Methyl-2-Pentanone	10.333	43	13437	1.004	ug/l	99
52) Toluene	10.504	92	109876	4.541	ug/l	95
59) 2-Hexanone	11.086	43	4117	0.447	ug/l	98
67) Ethyl Benzene	11.839	91	13741	0.310	ug/l	95
68) m/p-Xylenes	11.945	106	24953	1.460	ug/l	99
69) o-Xylene	12.275	106	10506	0.629	ug/l	89

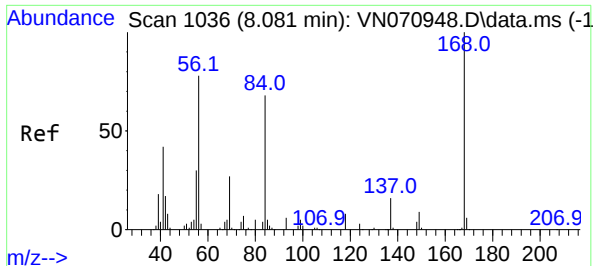
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_N/WATER
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Instrument :
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Quant Time: Feb 24 00:40:50 2022
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Quant Title : SW846 8260
QLast Update : Mon Feb 21 07:57:15 2022
Response via : Initial Calibration

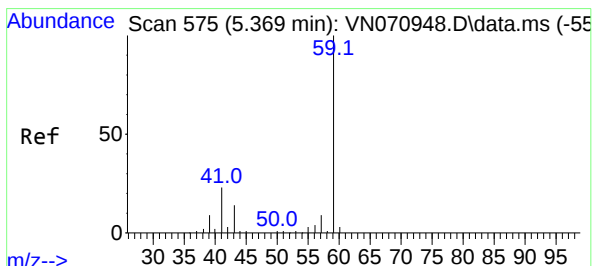
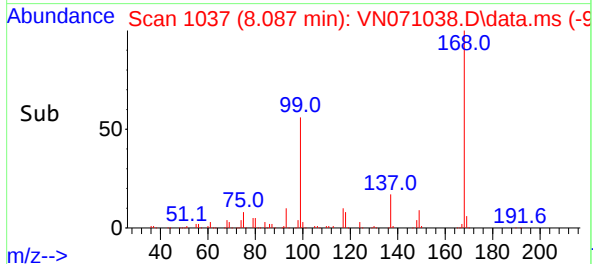
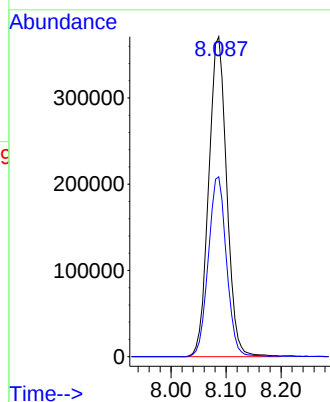
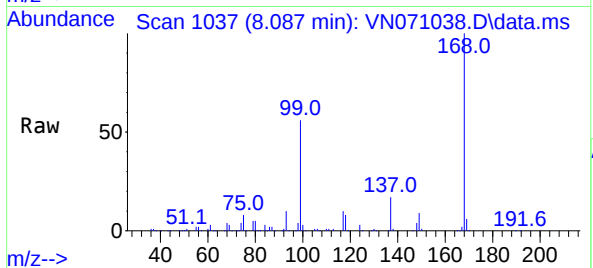




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN071038.D
Acq: 23 Feb 2022 17:20

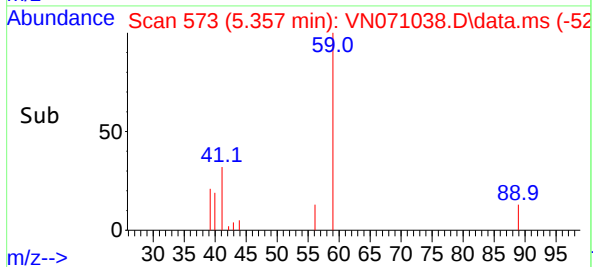
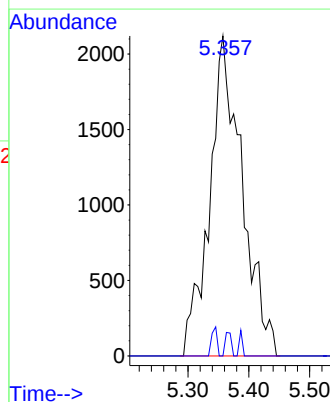
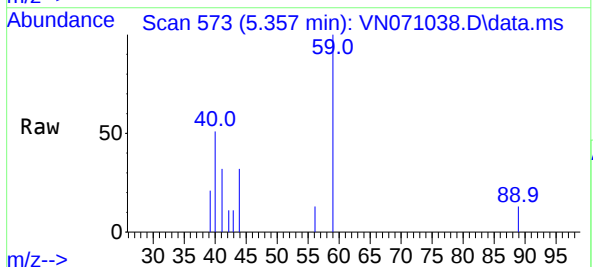
Instrument :
MSVOA_N
ClientSampleId :
31453

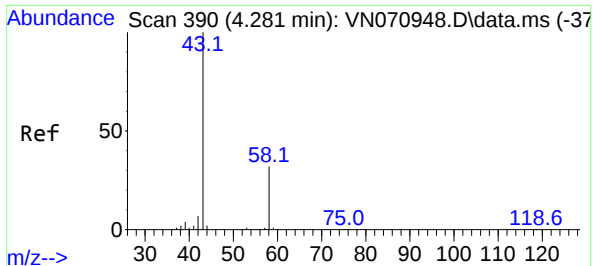
Tgt Ion:168 Resp: 845115
Ion Ratio Lower Upper
168 100
99 56.2 41.3 61.9



#11
Tert butyl alcohol
Concen: 4.487 ug/l
RT: 5.357 min Scan# 573
Delta R.T. -0.012 min
Lab File: VN071038.D
Acq: 23 Feb 2022 17:20

Tgt Ion: 59 Resp: 7894
Ion Ratio Lower Upper
59 100
57 1.4 8.7 13.1#

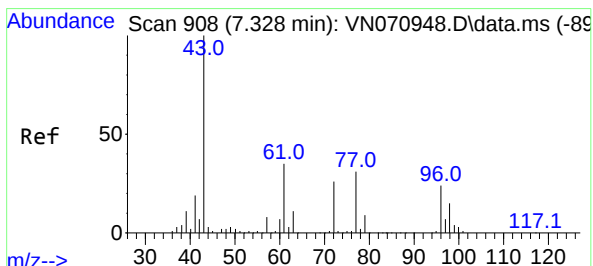
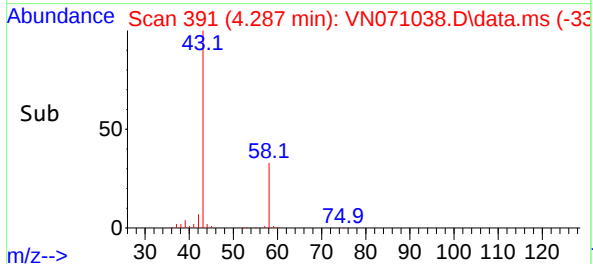
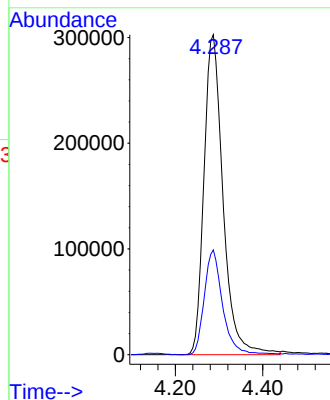
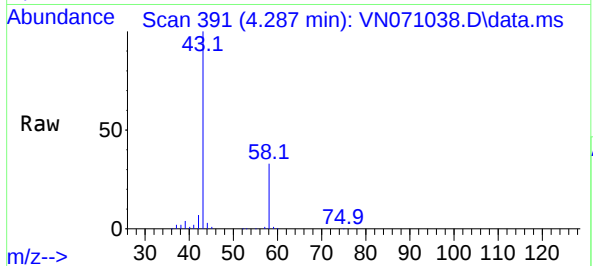




#16
Acetone
Concen: 172.618 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071038.D
Acq: 23 Feb 2022 17:20

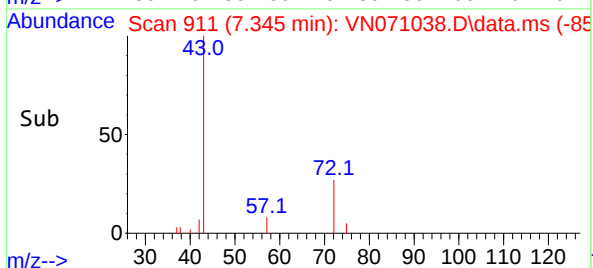
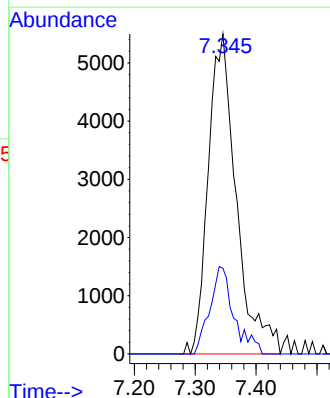
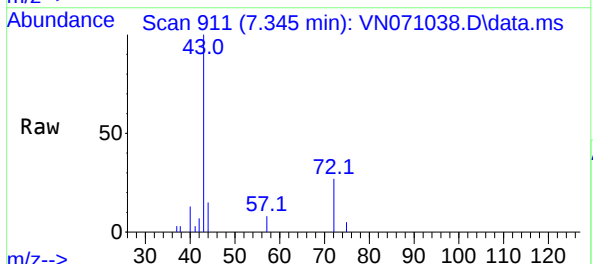
Instrument :
MSVOA_N
ClientSampleId :
31453

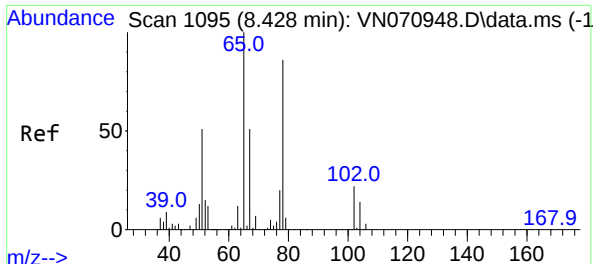
Tgt Ion: 43 Resp: 917745
Ion Ratio Lower Upper
43 100
58 32.7 23.1 34.7



#25
2-Butanone
Concen: 2.485 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.018 min
Lab File: VN071038.D
Acq: 23 Feb 2022 17:20

Tgt Ion: 43 Resp: 17577
Ion Ratio Lower Upper
43 100
72 26.8 21.7 32.5

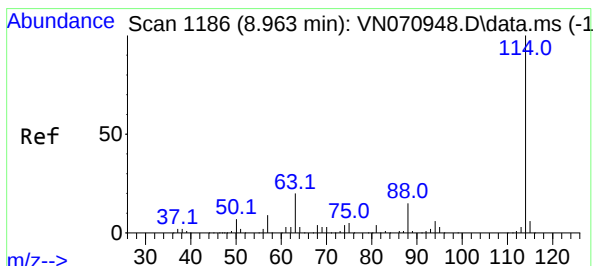
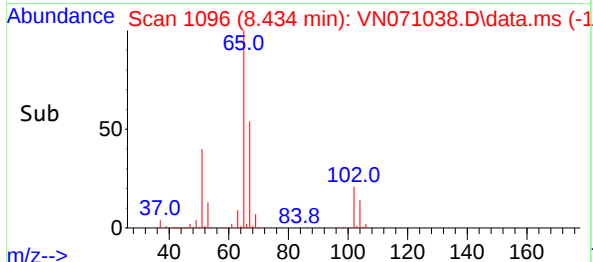
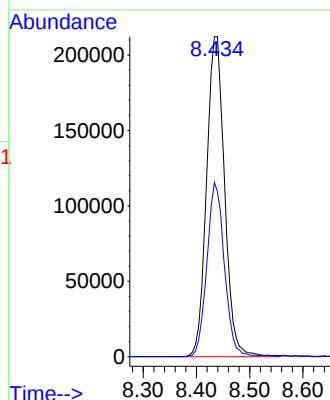
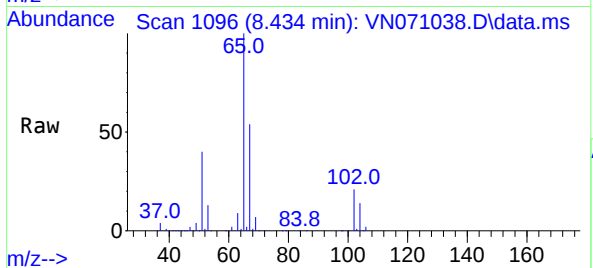




#33
1,2-Dichloroethane-d4
Concen: 51.652 ug/l
RT: 8.434 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071038.D
Acq: 23 Feb 2022 17:20

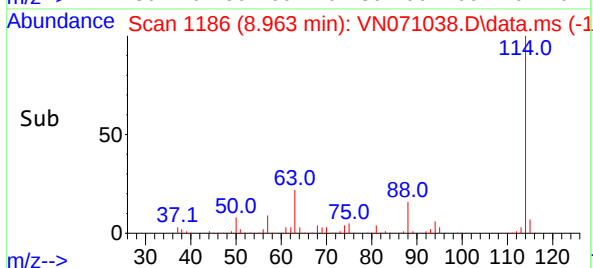
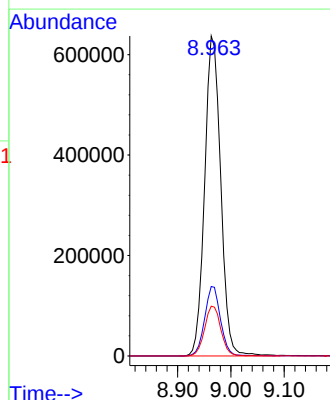
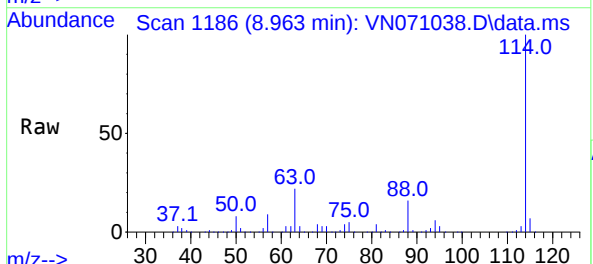
Instrument :
MSVOA_N
ClientSampleId :
31453

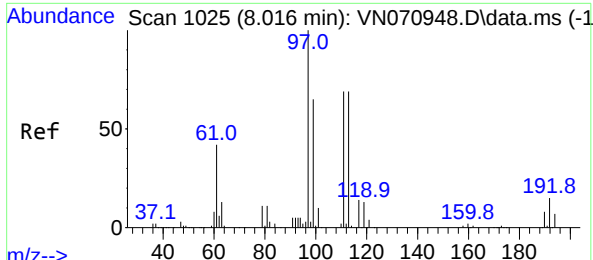
Tgt Ion: 65 Resp: 498641
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071038.D
Acq: 23 Feb 2022 17:20

Tgt Ion: 114 Resp: 1335780
Ion Ratio Lower Upper
114 100
63 21.7 0.0 37.8
88 15.6 0.0 27.4

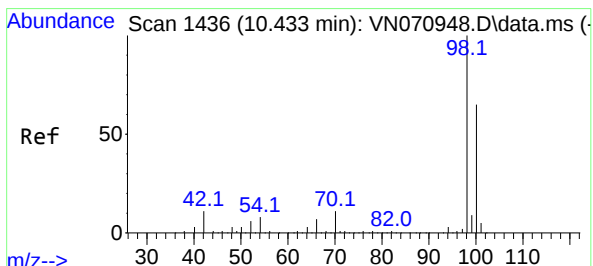
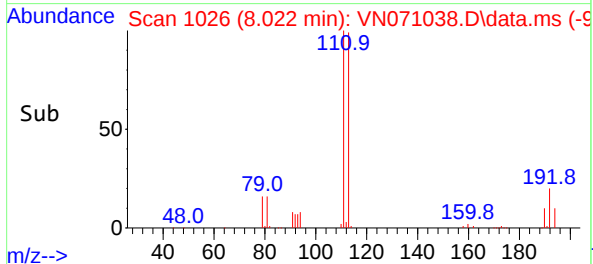
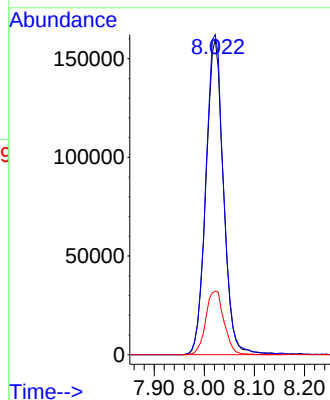
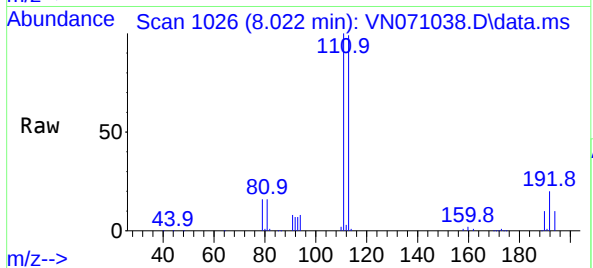




#35
Dibromofluoromethane
Concen: 48.777 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071038.D
Acq: 23 Feb 2022 17:20

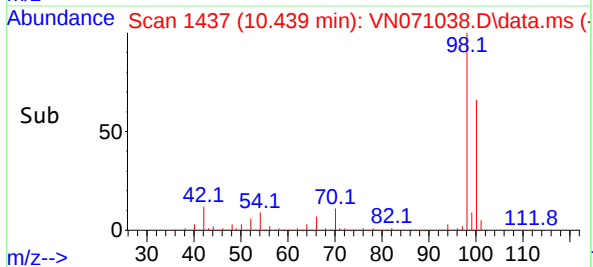
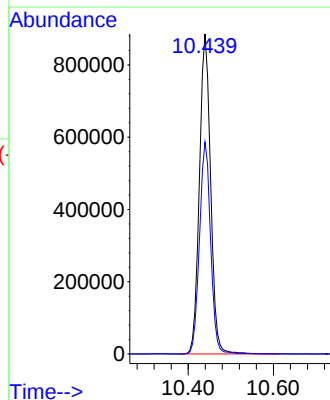
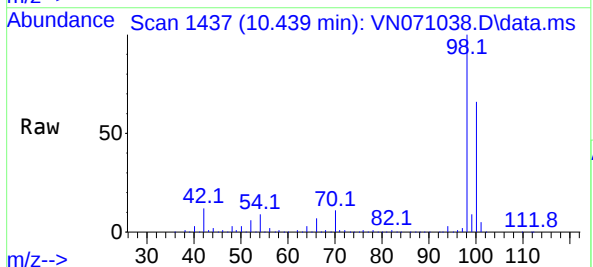
Instrument :
MSVOA_N
ClientSampleId :
31453

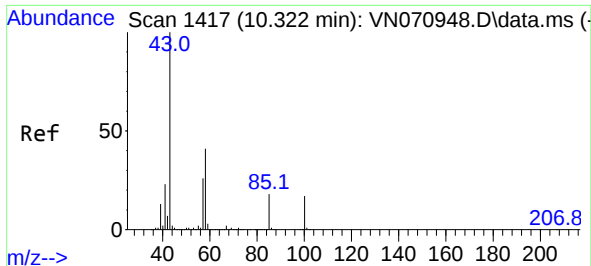
Tgt Ion:113 Resp: 387548
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 21.1 16.9 25.3



#50
Toluene-d8
Concen: 50.692 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071038.D
Acq: 23 Feb 2022 17:20

Tgt Ion: 98 Resp: 1617449
Ion Ratio Lower Upper
98 100
100 65.8 50.4 75.6

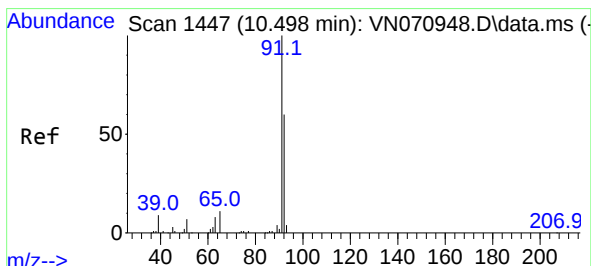
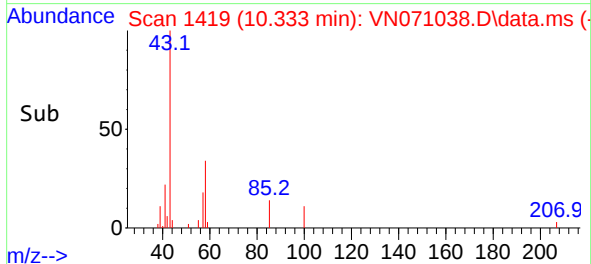
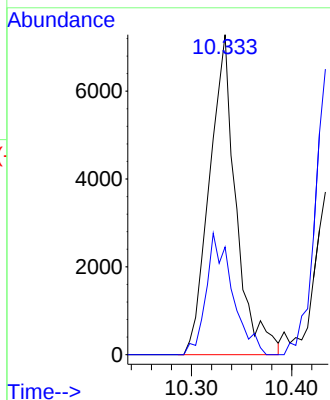
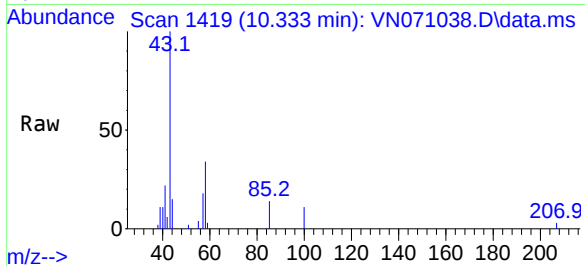




#51
4-Methyl-2-Pentanone
Concen: 1.004 ug/l
RT: 10.333 min Scan# 1419
Delta R.T. 0.012 min
Lab File: VN071038.D
Acq: 23 Feb 2022 17:20

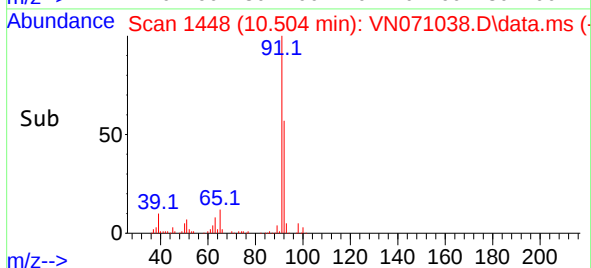
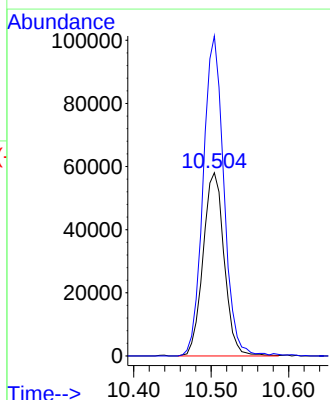
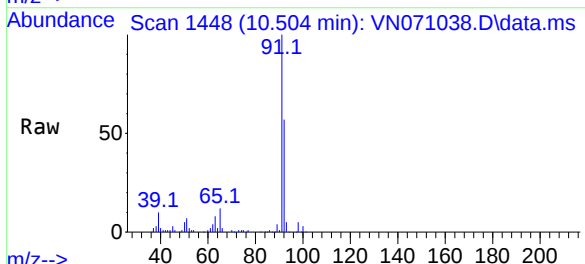
Instrument :
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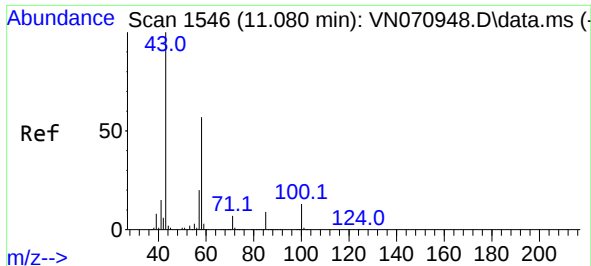
Tgt Ion: 43 Resp: 13437
Ion Ratio Lower Upper
43 100
58 37.7 30.4 45.6



#52
Toluene
Concen: 4.541 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071038.D
Acq: 23 Feb 2022 17:20

Tgt Ion: 92 Resp: 109876
Ion Ratio Lower Upper
92 100
91 170.7 142.0 213.0

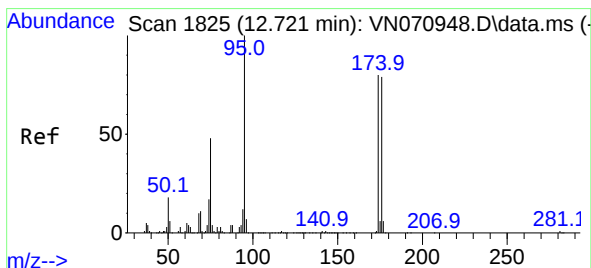
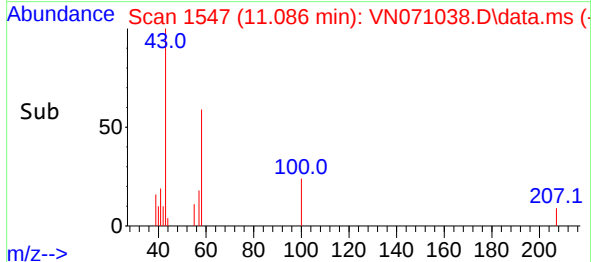
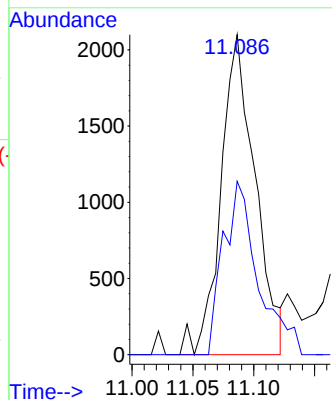
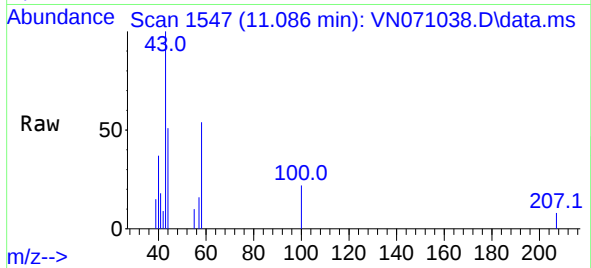




#59
2-Hexanone
Concen: 0.447 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071038.D
Acq: 23 Feb 2022 17:20

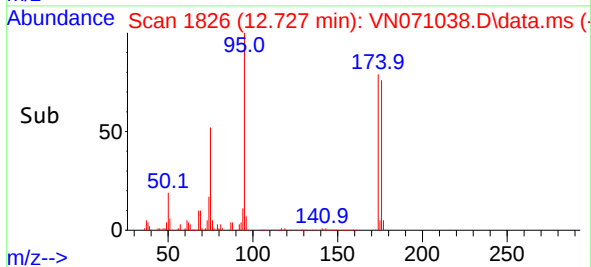
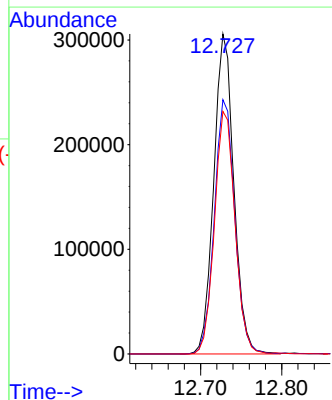
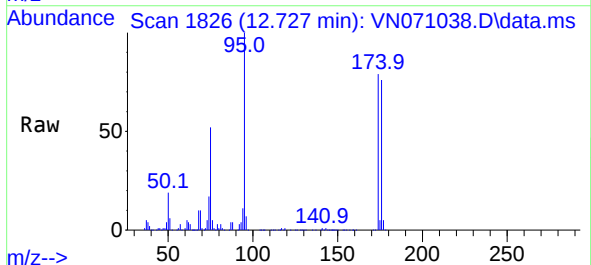
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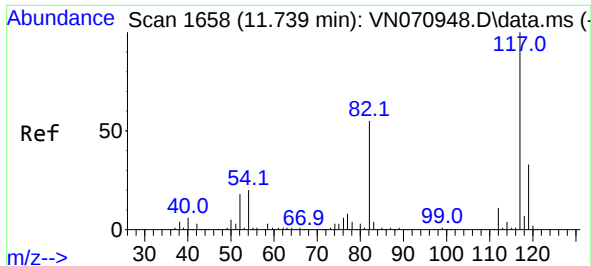
Tgt Ion: 43 Resp: 4117
Ion Ratio Lower Upper
43 100
58 54.9 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 46.052 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071038.D
Acq: 23 Feb 2022 17:20

Tgt Ion: 95 Resp: 525231
Ion Ratio Lower Upper
95 100
174 81.3 0.0 187.2
176 77.4 0.0 181.4



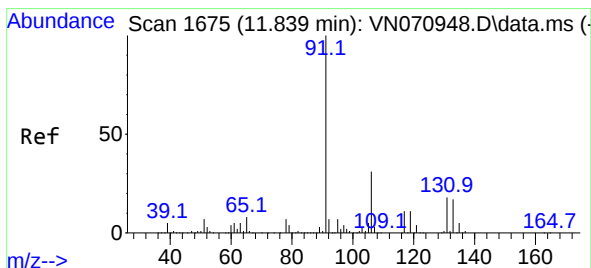
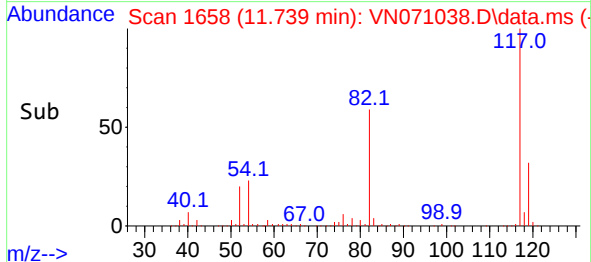
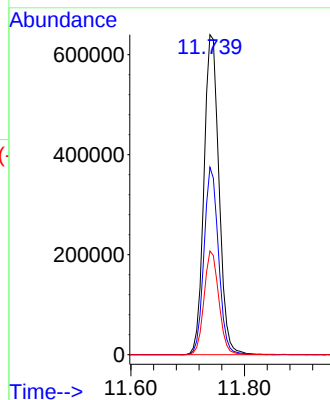
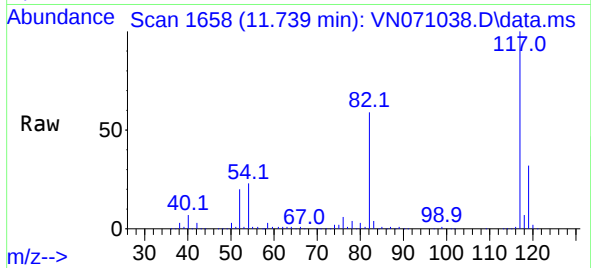


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1173488
Delta R.T. 0.000 min
Lab File: VN071038.D
Acq: 23 Feb 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
31453

Tgt Ion:117 Resp: 1173488

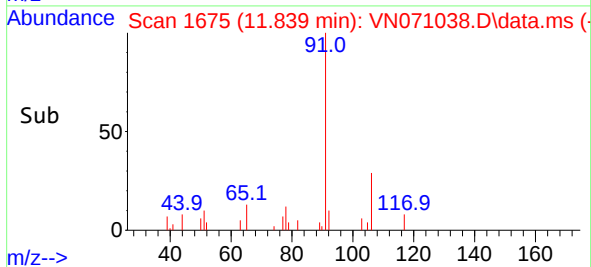
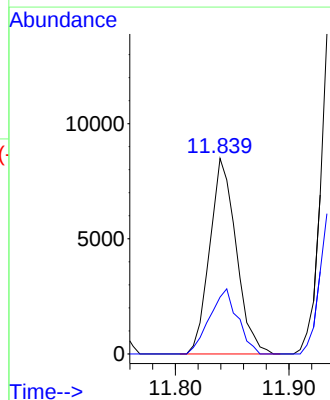
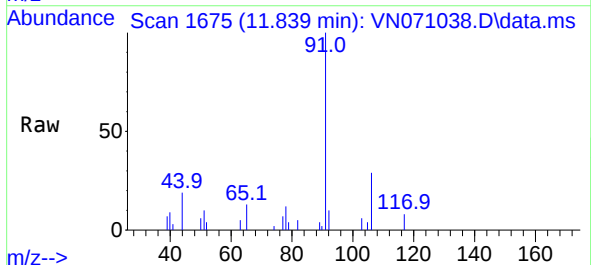
Ion	Ratio	Lower	Upper
117	100		
82	58.5	42.4	63.6
119	32.4	25.4	38.2

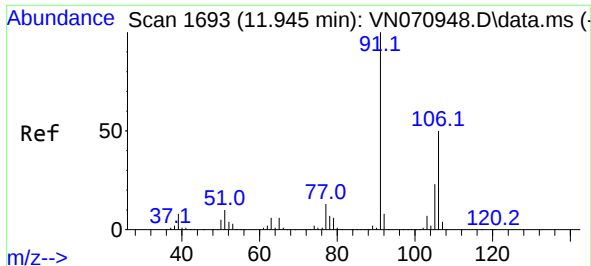


#67
Ethyl Benzene
Concen: 0.310 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071038.D
Acq: 23 Feb 2022 17:20

Tgt Ion: 91 Resp: 13741

Ion	Ratio	Lower	Upper
91	100		
106	29.0	25.7	38.5

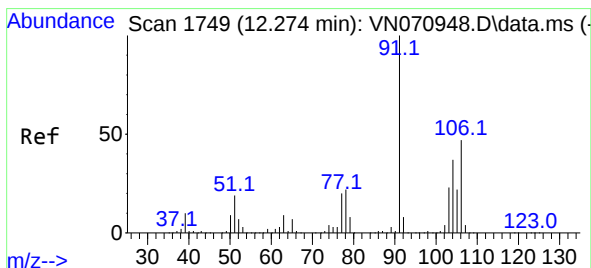
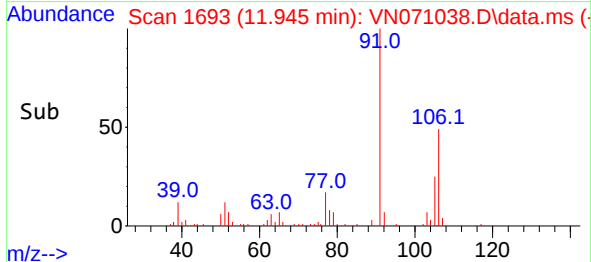
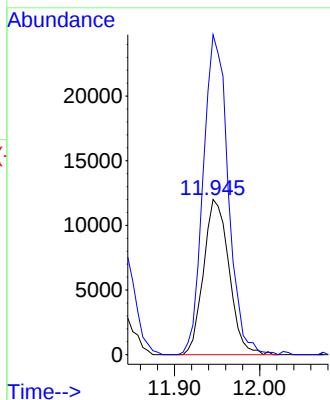
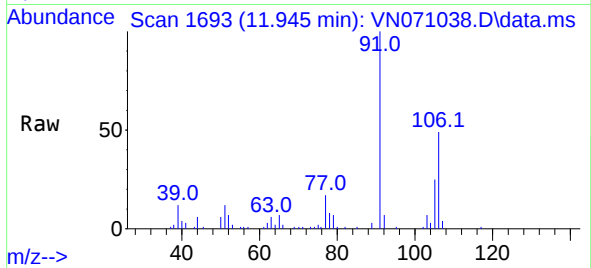




#68
m/p-Xylenes
Concen: 1.460 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN071038.D
Acq: 23 Feb 2022 17:20

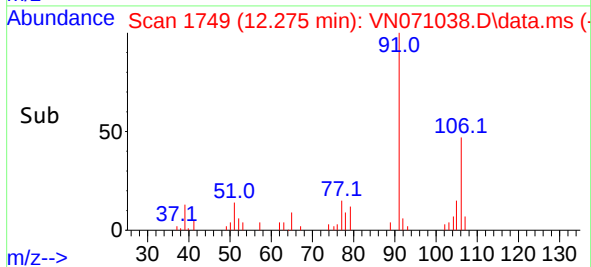
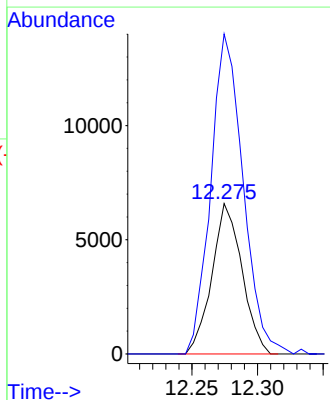
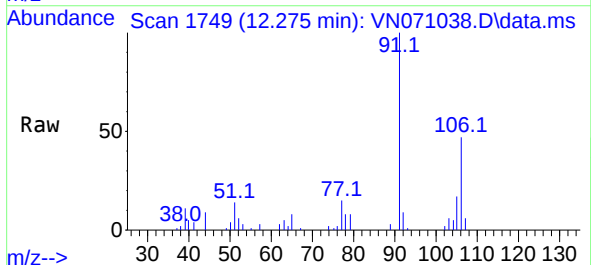
Instrument :
MSVOA_N
ClientSampleId :
31453

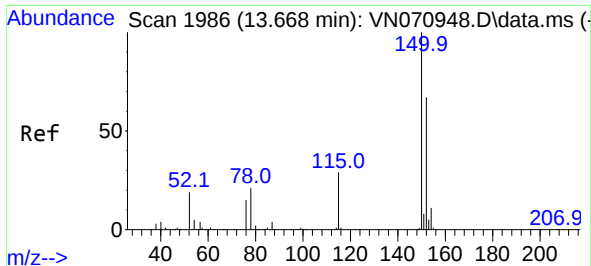
Tgt Ion:106 Resp: 24953
Ion Ratio Lower Upper
106 100
91 201.7 160.6 240.8



#69
o-Xylene
Concen: 0.629 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071038.D
Acq: 23 Feb 2022 17:20

Tgt Ion:106 Resp: 10506
Ion Ratio Lower Upper
106 100
91 228.8 105.8 317.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.669 min Scan# 19

Delta R.T. 0.000 min

Lab File: VN071038.D

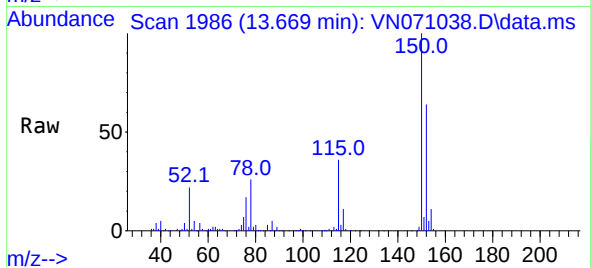
Acq: 23 Feb 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

31453



Tgt Ion:152 Resp: 393542

Ion Ratio Lower Upper

152 100

115 57.3 27.5 82.5

150 157.5 0.0 344.4

