

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
 Data File : VN072225.D
 Acq On : 27 Apr 2022 18:53
 Operator : JC\MD
 Sample : N2575-04 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31652

Quant Time: Apr 28 06:06:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

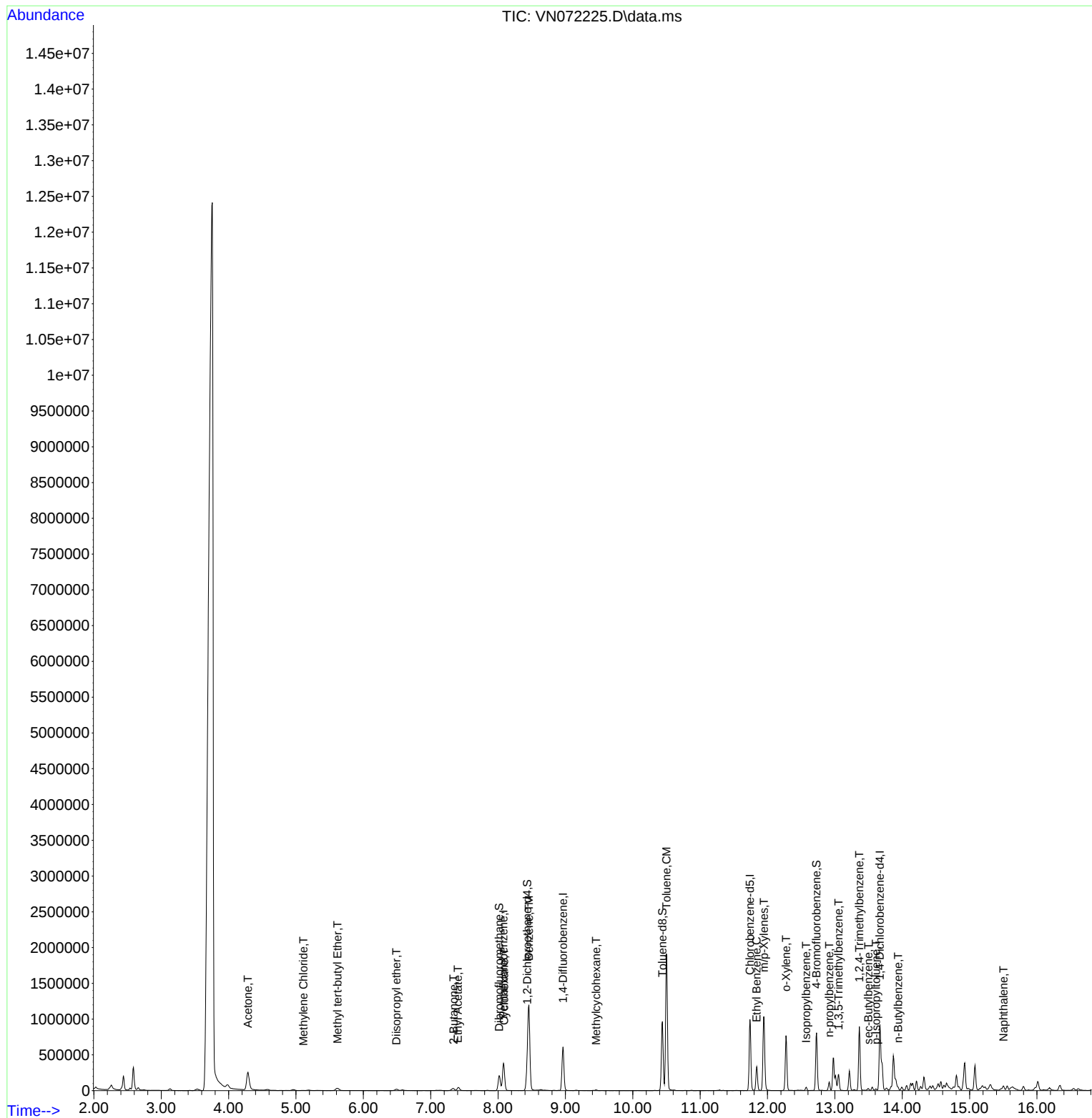
Internal Standards						
1) Pentafluorobenzene	8.081	168	265898	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	506674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	557441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	238271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	208289	51.025	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.040%	
35) Dibromofluoromethane	8.016	113	152262	46.951	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 93.900%	
50) Toluene-d8	10.439	98	654441	51.357	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.720%	
62) 4-Bromofluorobenzene	12.727	95	282195	66.718	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 133.440%	
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	452151	256.908	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	54867	5.512	ug/l	100
20) Methylene Chloride	5.110	84	2035	0.603	ug/l	# 83
22) Diisopropyl ether	6.492	45	28032	2.581	ug/l	# 92
25) 2-Butanone	7.340	43	45128	16.101	ug/l	93
31) Cyclohexane	8.092	56	9233	1.693	ug/l	# 64
37) Ethyl Acetate	7.404	43	65934	10.518	ug/l	97
39) Methylcyclohexane	9.457	83	4968	0.941	ug/l	95
40) Benzene	8.457	78	1138214	77.737	ug/l	97
52) Toluene	10.498	92	851682	97.300	ug/l	98
67) Ethyl Benzene	11.839	91	243591	12.401	ug/l	98
68) m/p-Xylenes	11.945	106	318636	43.685	ug/l	89
69) o-Xylene	12.274	106	199453	28.207	ug/l	90
73) Isopropylbenzene	12.574	105	28782	1.368	ug/l	98
78) n-propylbenzene	12.916	91	88967	3.838	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	117610	6.711	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	500745	29.530	ug/l	95
85) sec-Butylbenzene	13.498	105	16077	0.801	ug/l	81
86) p-Isopropyltoluene	13.610	119	11458	0.733	ug/l	93
89) n-Butylbenzene	13.939	91	22507	1.879	ug/l	# 76
95) Naphthalene	15.504	128	45669	7.682	ug/l	98

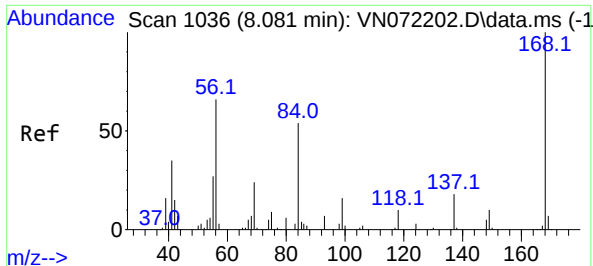
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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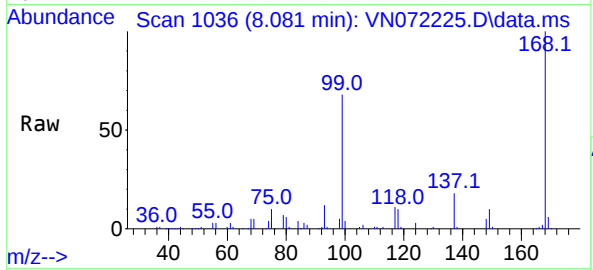
Quant Time: Apr 28 06:06:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
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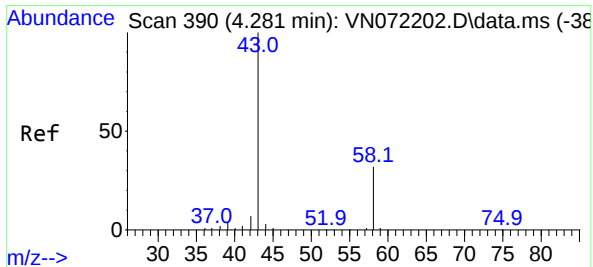
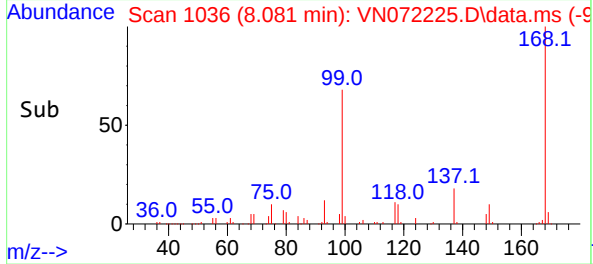
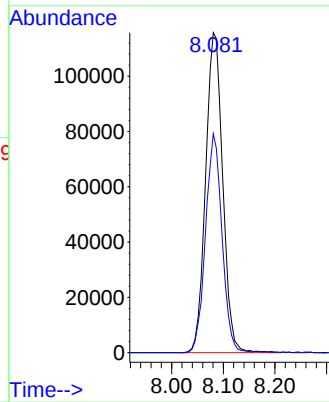


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

Instrument :
MSVOA_N
ClientSampleId :
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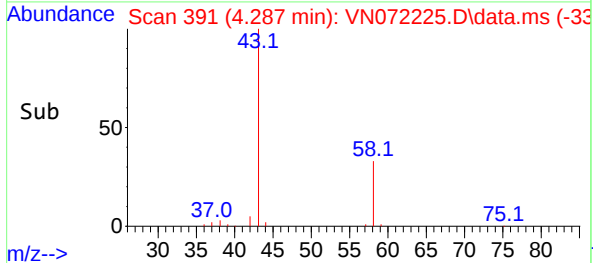
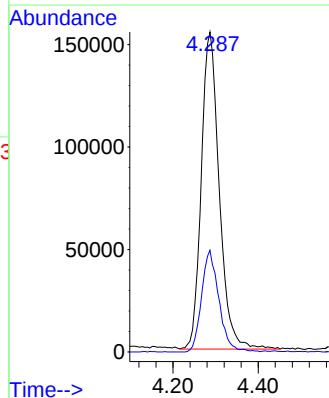
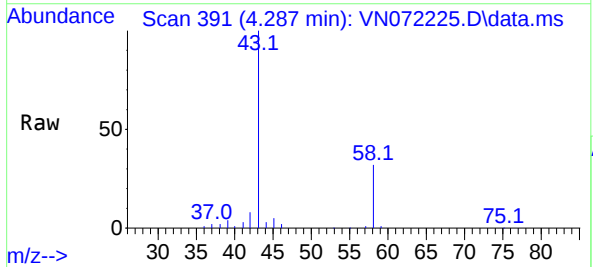


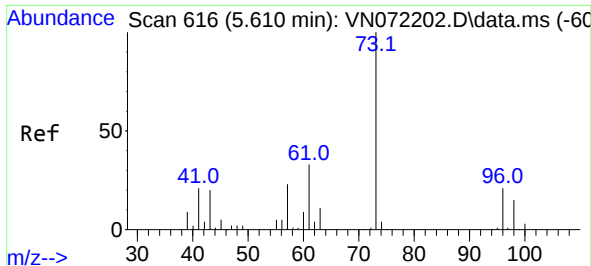
Tgt Ion:168 Resp: 265898
Ion Ratio Lower Upper
168 100
99 68.4 42.3 63.5#



#16
Acetone
Concen: 256.908 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

Tgt Ion: 43 Resp: 452151
Ion Ratio Lower Upper
43 100
58 32.1 26.0 39.0

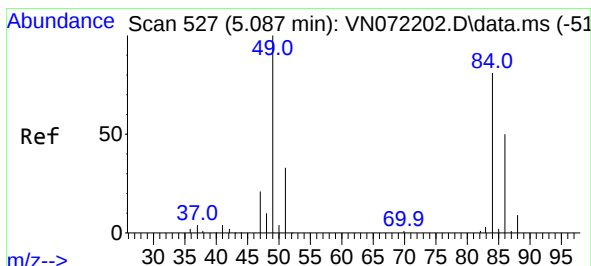
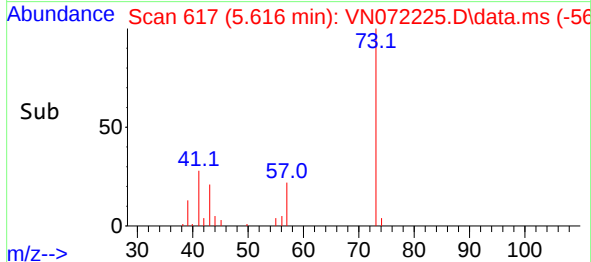
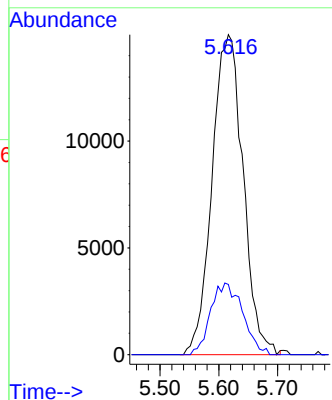
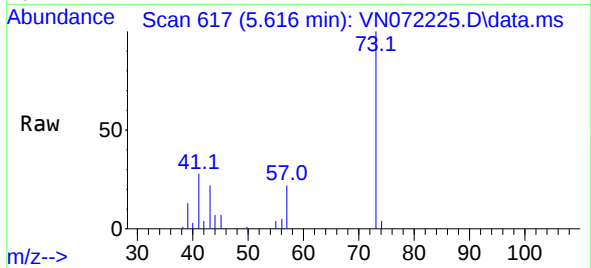




#19
Methyl tert-butyl Ether
Concen: 5.512 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

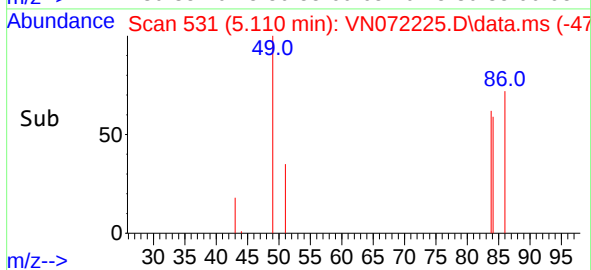
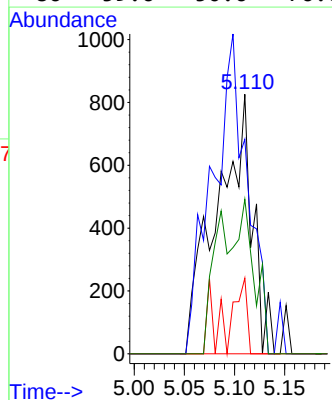
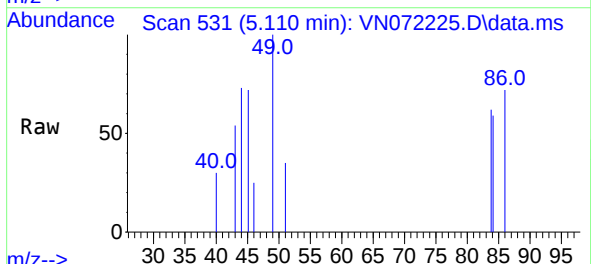
Instrument :
MSVOA_N
ClientSampleId :
31652

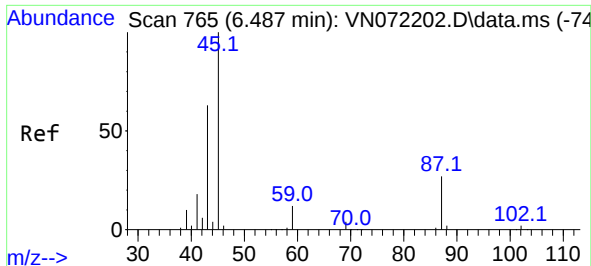
Tgt Ion: 73 Resp: 54867
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4



#20
Methylene Chloride
Concen: 0.603 ug/l
RT: 5.110 min Scan# 531
Delta R.T. 0.023 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

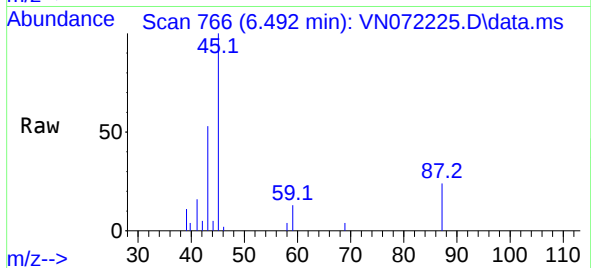
Tgt Ion: 84 Resp: 2035
Ion Ratio Lower Upper
84 100
49 82.7 88.3 132.5#
51 29.2 28.2 42.2
86 59.6 50.6 76.0





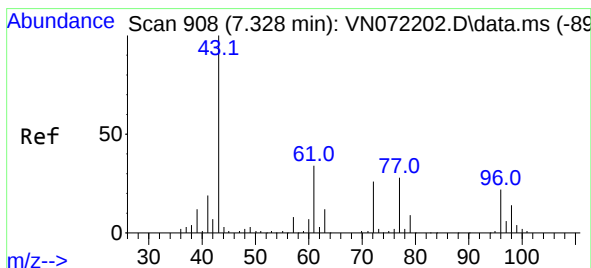
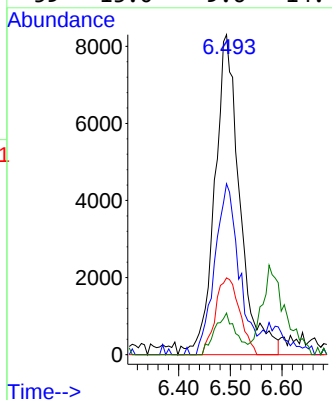
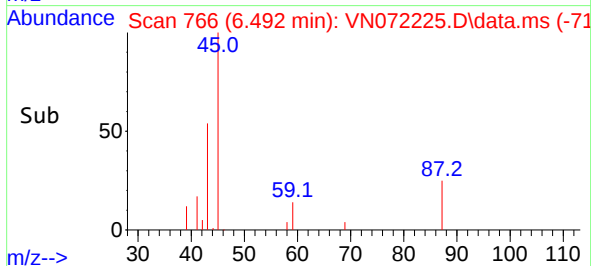
#22
Diisopropyl ether
Concen: 2.581 ug/l
RT: 6.492 min Scan# 70
Delta R.T. 0.005 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

Instrument :
MSVOA_N
ClientSampleId :
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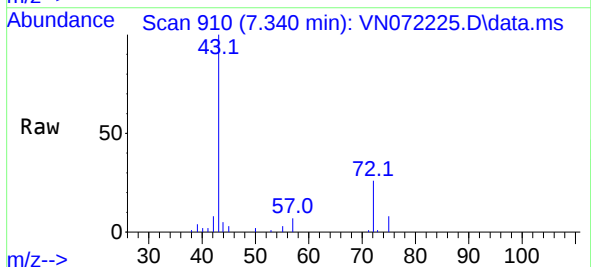


Tgt Ion: 45 Resp: 28032

Ion	Ratio	Lower	Upper
45	100		
43	53.4	46.6	70.0
87	24.0	24.3	36.5#
59	13.0	9.6	14.4

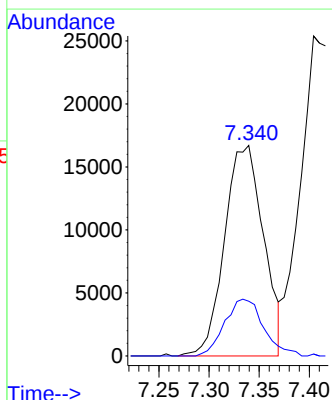
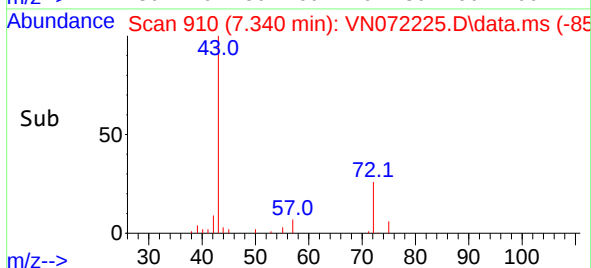


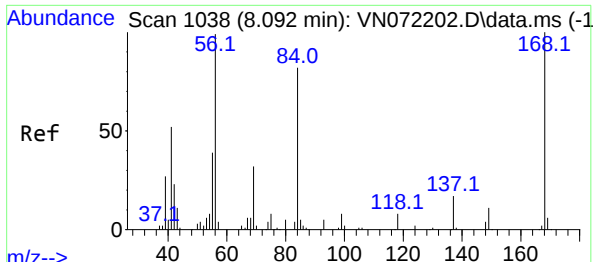
#25
2-Butanone
Concen: 16.101 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53



Tgt Ion: 43 Resp: 45128

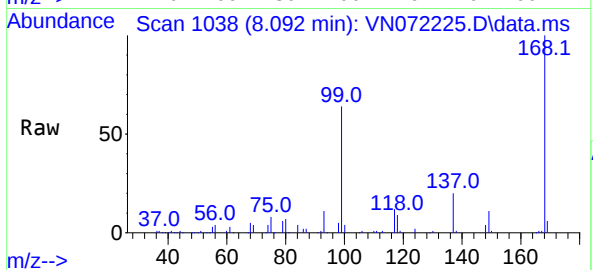
Ion	Ratio	Lower	Upper
43	100		
72	26.0	23.7	35.5



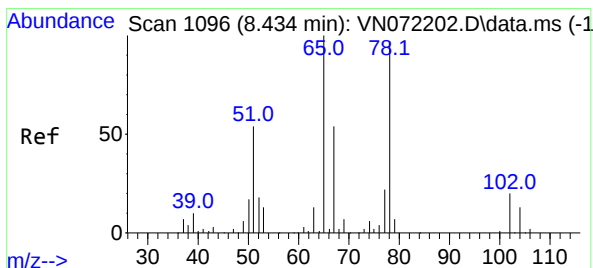
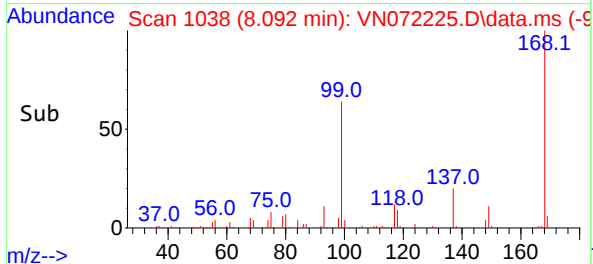
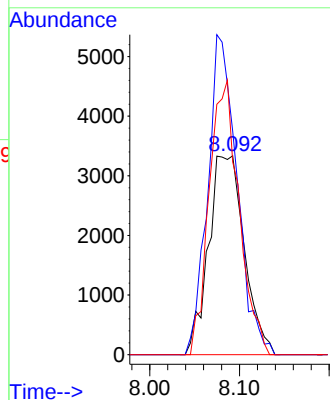


#31
Cyclohexane
Concen: 1.693 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

Instrument :
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ClientSampleId :
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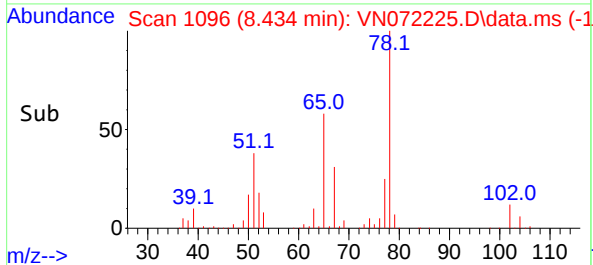
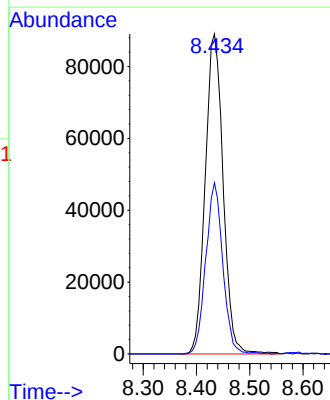
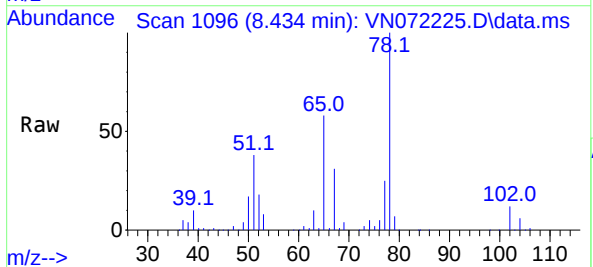


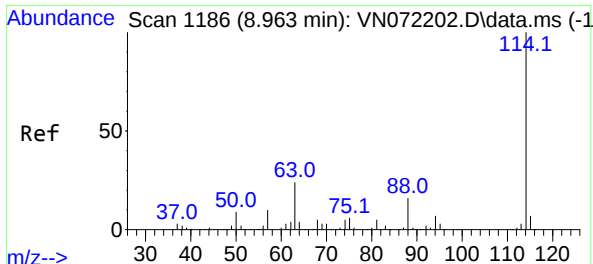
Tgt Ion: 56 Resp: 9233
Ion Ratio Lower Upper
56 100
69 112.5 27.8 41.8#
84 97.0 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 51.025 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

Tgt Ion: 65 Resp: 208289
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.8

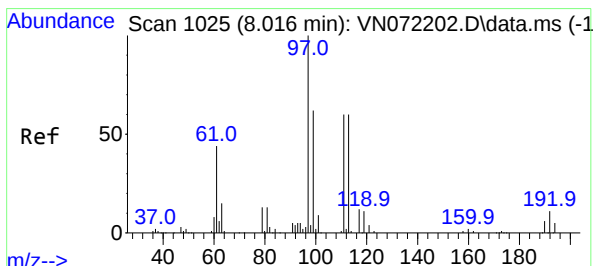
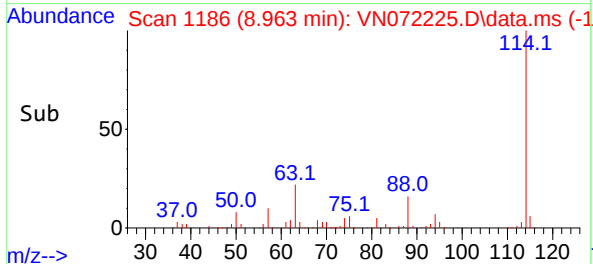
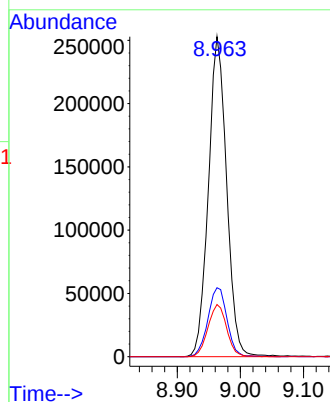
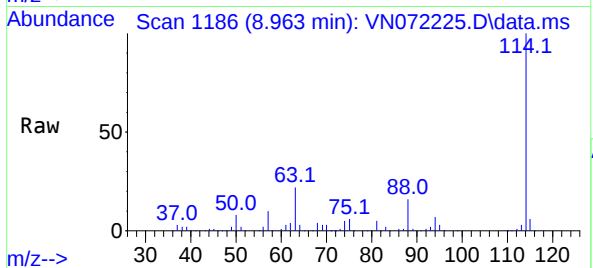




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

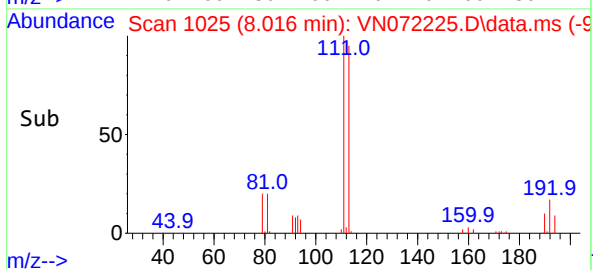
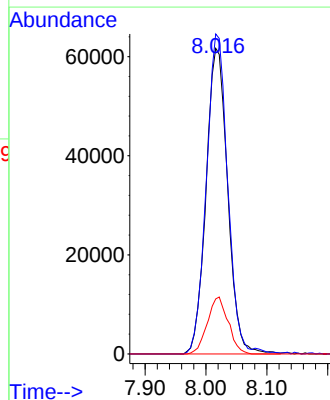
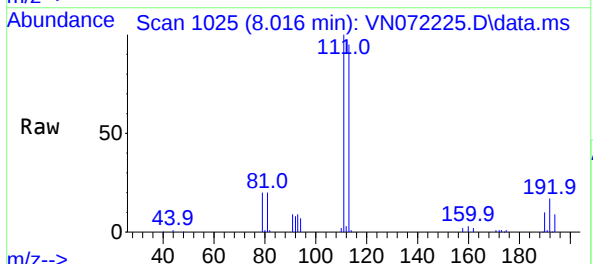
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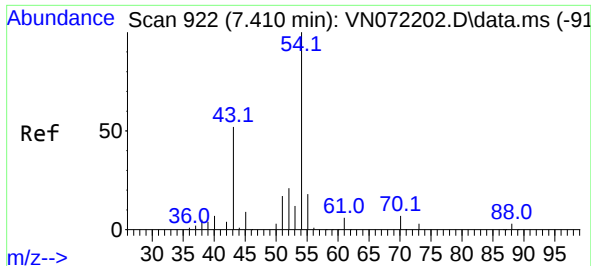
Tgt Ion:114 Resp: 506674
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.0
88 16.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.951 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

Tgt Ion:113 Resp: 152262
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 17.9 17.0 25.6

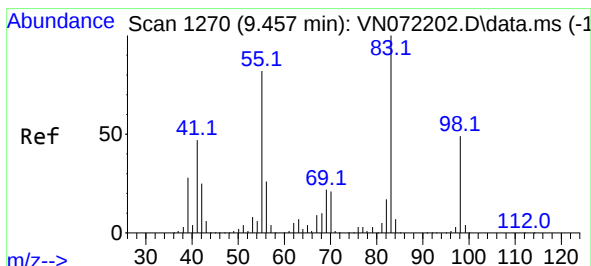
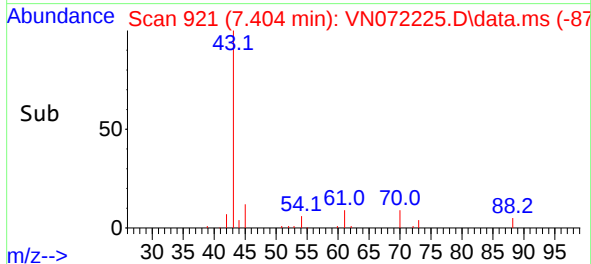
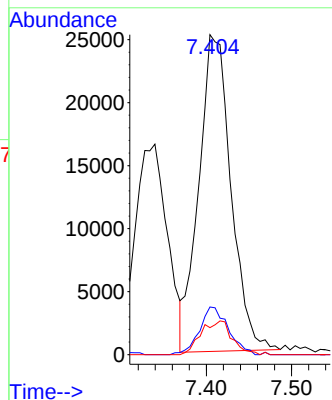
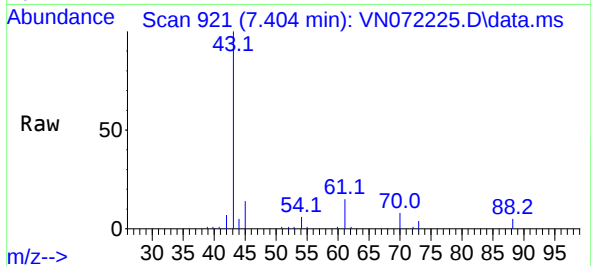




#37
Ethyl Acetate
Concen: 10.518 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

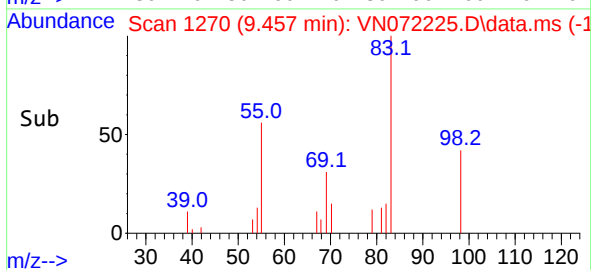
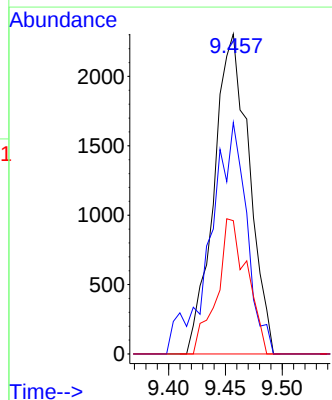
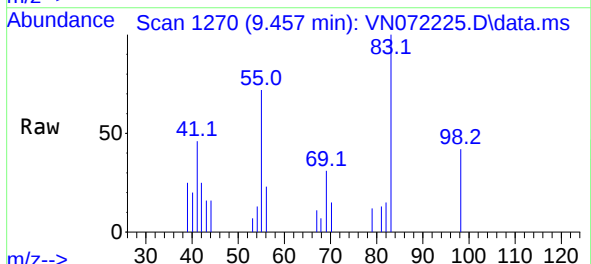
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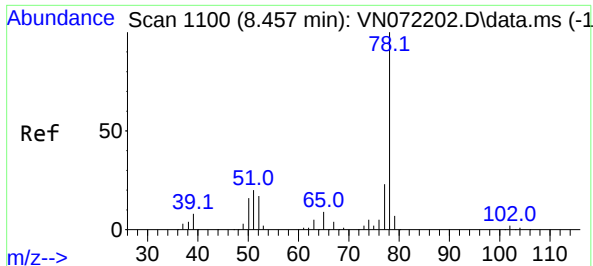
Tgt Ion:	43	Resp:	65934
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.8	17.6
70	10.4	9.3	13.9



#39
Methylcyclohexane
Concen: 0.941 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

Tgt Ion:	83	Resp:	4968
Ion	Ratio	Lower	Upper
83	100		
55	72.3	57.8	86.8
98	41.7	39.4	59.2

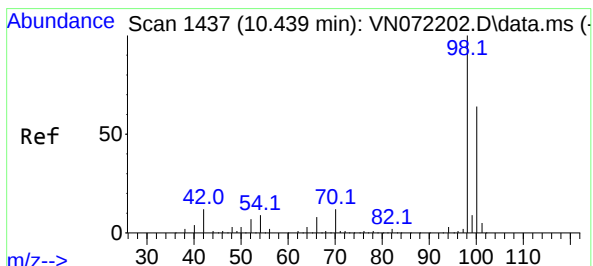
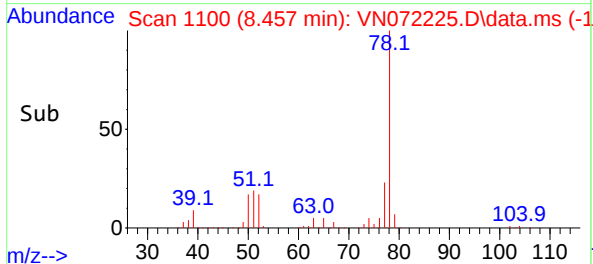
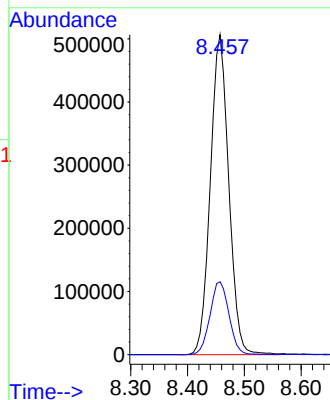
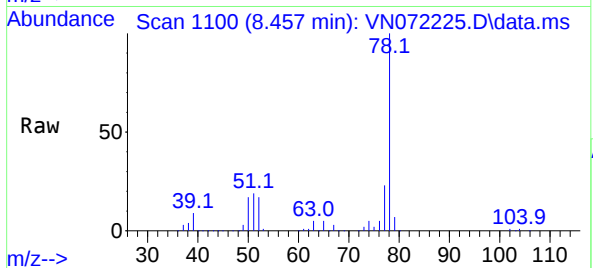




#40
Benzene
Concen: 77.737 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

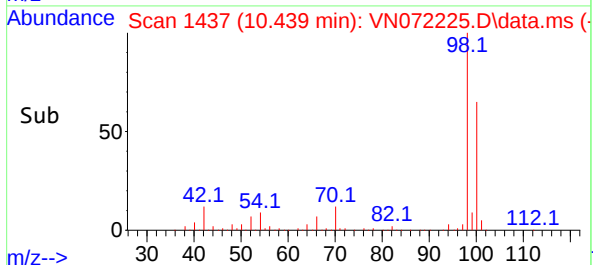
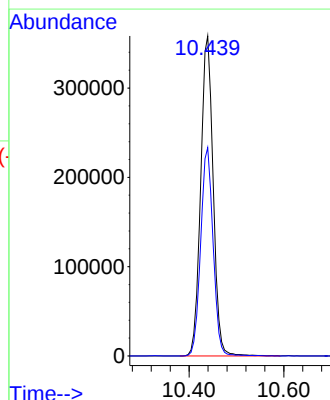
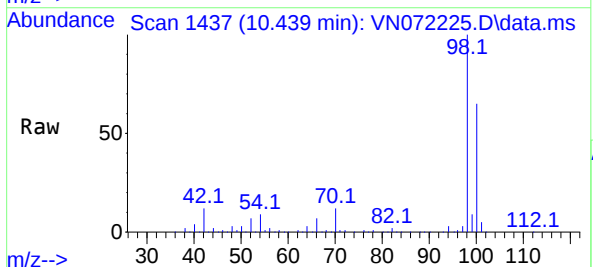
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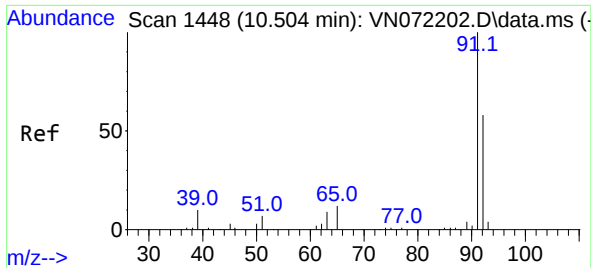
Tgt Ion: 78 Resp: 1138214
Ion Ratio Lower Upper
78 100
77 22.8 19.4 29.0



#50
Toluene-d8
Concen: 51.357 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

Tgt Ion: 98 Resp: 654441
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

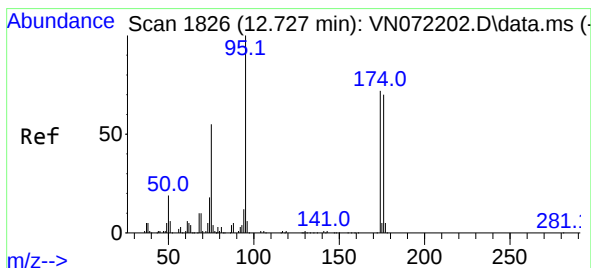
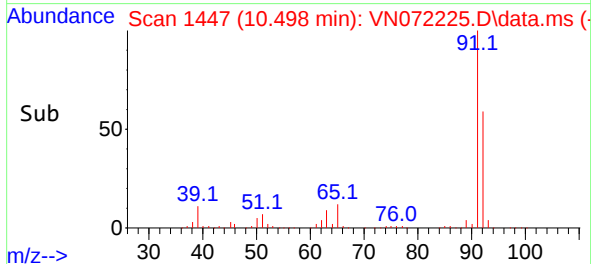
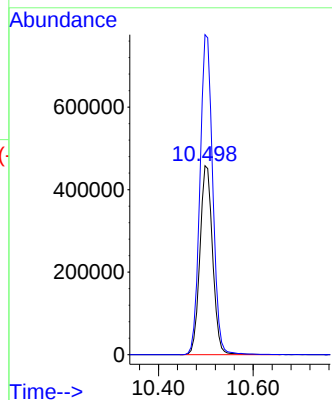
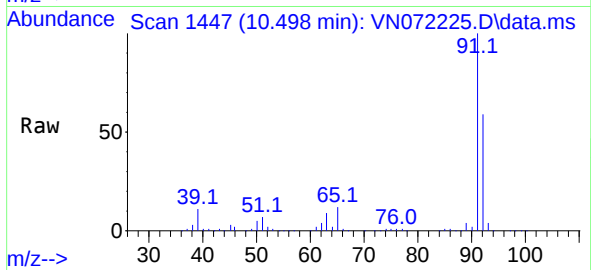




#52
Toluene
Concen: 97.300 ug/l
RT: 10.498 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

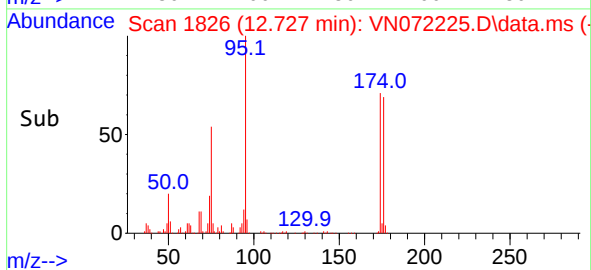
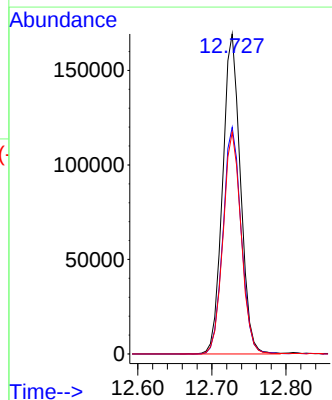
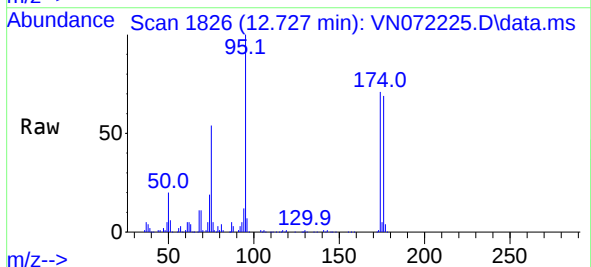
Instrument :
MSVOA_N
ClientSampleId :
31652

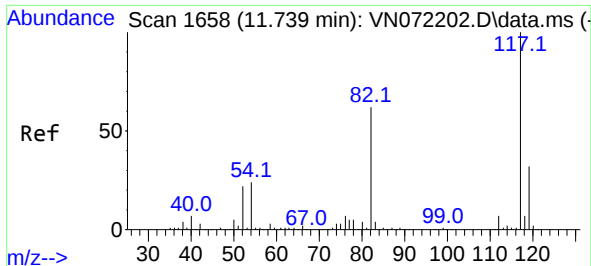
Tgt Ion: 92 Resp: 851682
Ion Ratio Lower Upper
92 100
91 170.5 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 66.718 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

Tgt Ion: 95 Resp: 282195
Ion Ratio Lower Upper
95 100
174 72.3 0.0 167.6
176 70.2 0.0 163.4

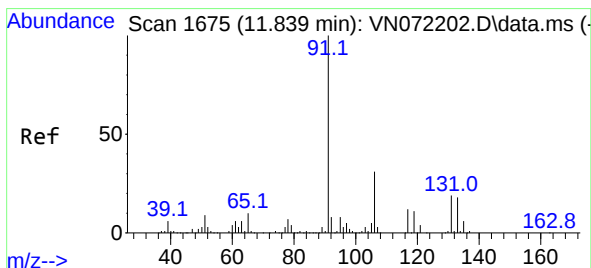
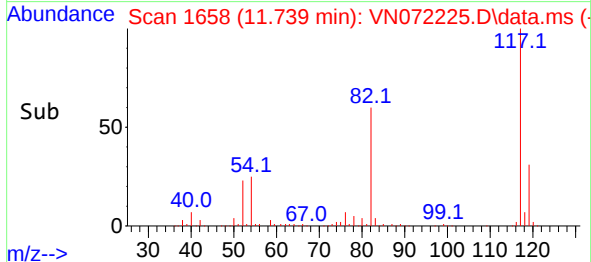
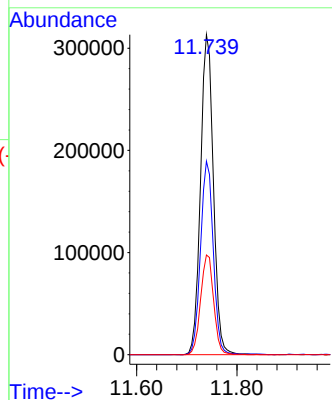
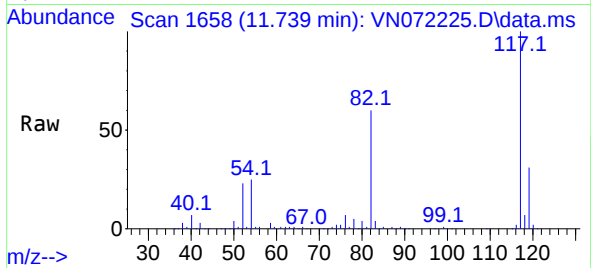




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

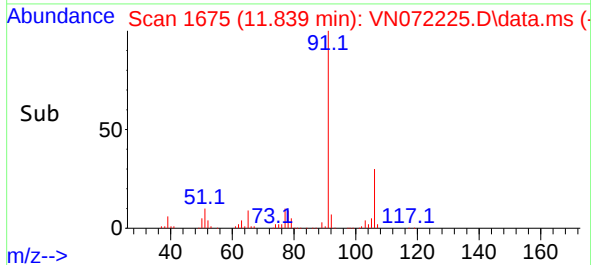
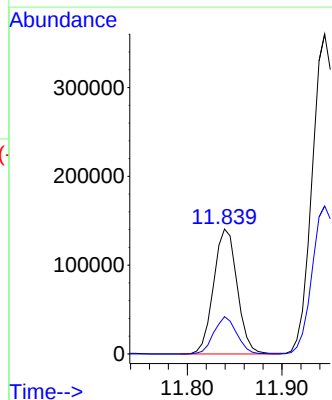
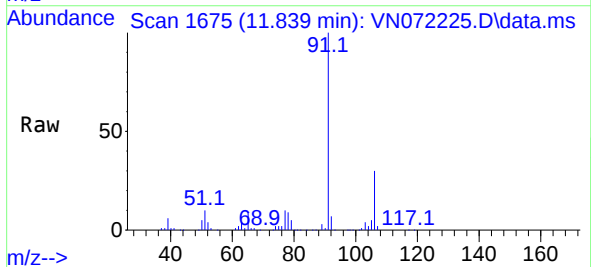
Instrument :
MSVOA_N
ClientSampleId :
31652

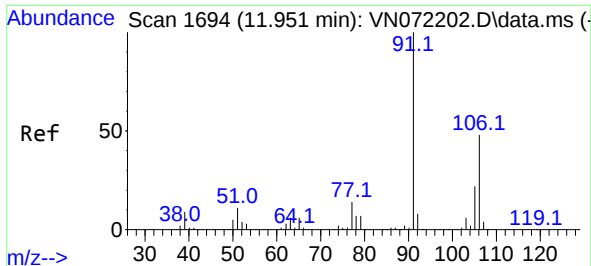
Tgt Ion:117 Resp: 557441
Ion Ratio Lower Upper
117 100
82 60.4 44.2 66.2
119 31.2 25.4 38.0



#67
Ethyl Benzene
Concen: 12.401 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

Tgt Ion: 91 Resp: 243591
Ion Ratio Lower Upper
91 100
106 29.8 24.9 37.3

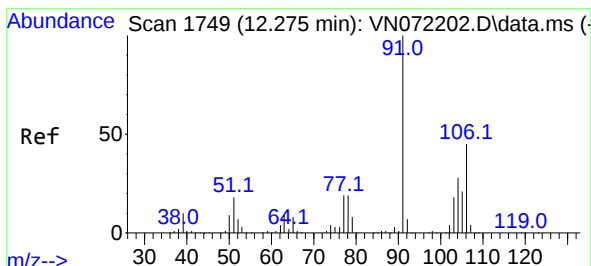
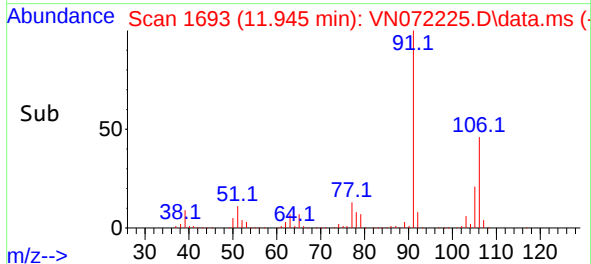
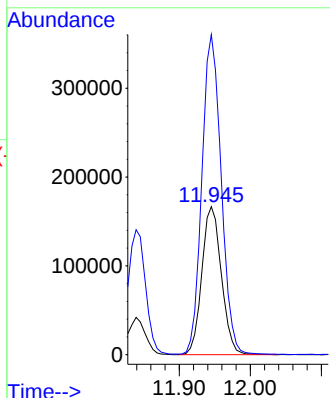
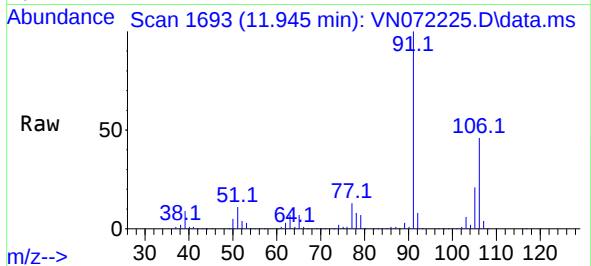




#68
m/p-Xylenes
Concen: 43.685 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

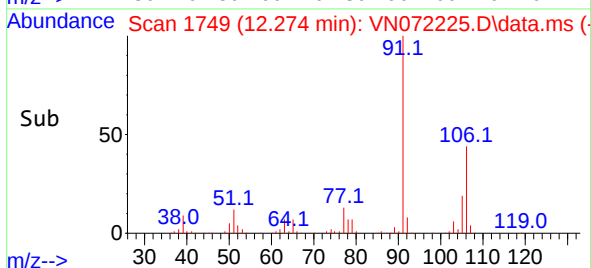
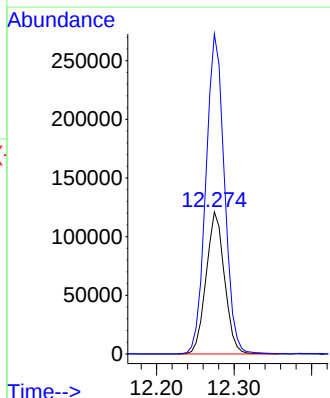
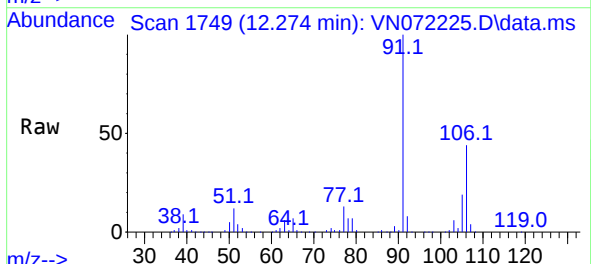
Instrument :
MSVOA_N
ClientSampleId :
31652

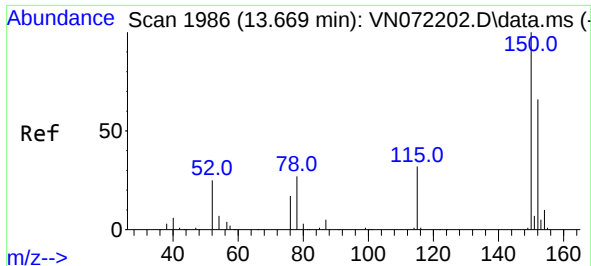
Tgt Ion:106 Resp: 318636
Ion Ratio Lower Upper
106 100
91 214.5 158.9 238.3



#69
o-Xylene
Concen: 28.207 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

Tgt Ion:106 Resp: 199453
Ion Ratio Lower Upper
106 100
91 227.4 106.0 318.0

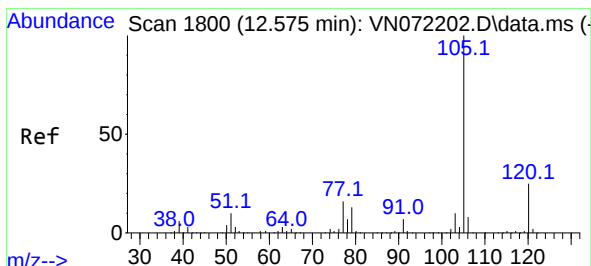
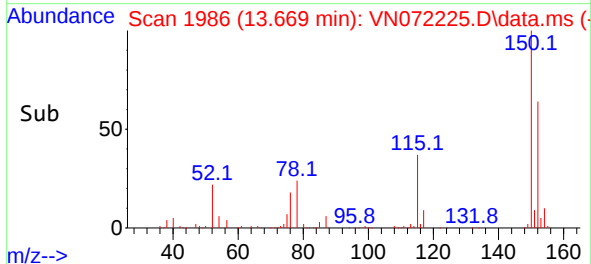
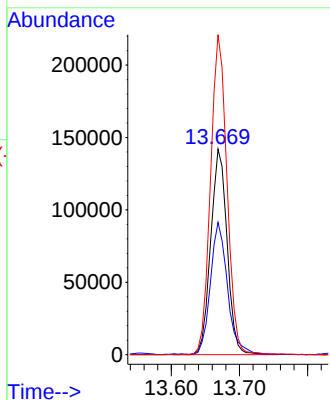
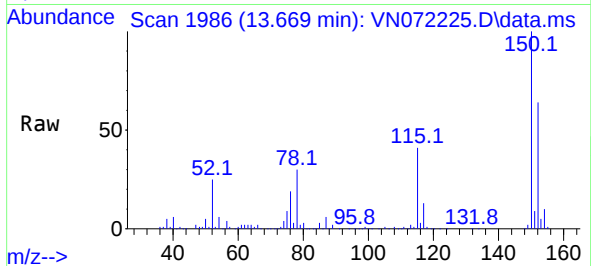




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

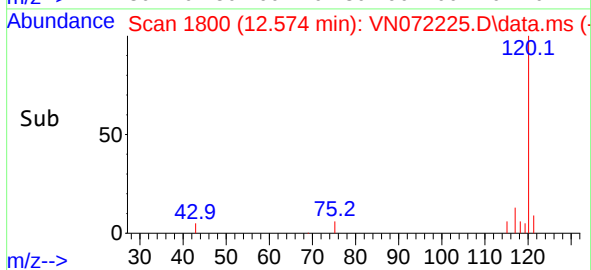
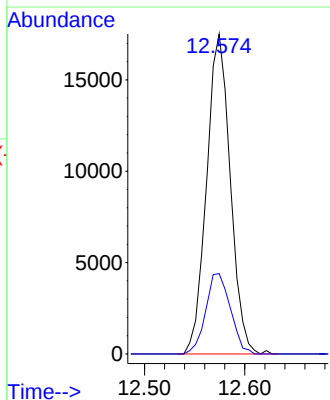
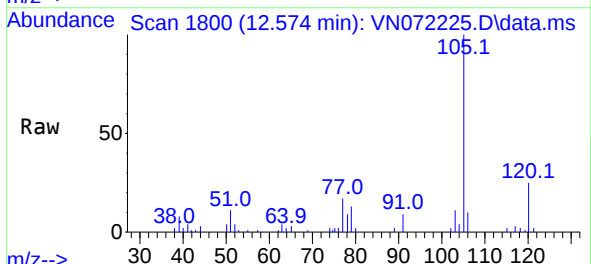
Instrument :
MSVOA_N
ClientSampleId :
31652

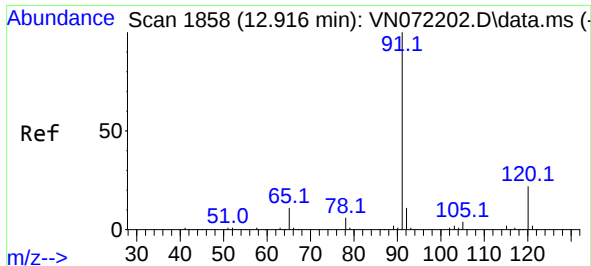
Tgt Ion:152 Resp: 238271
Ion Ratio Lower Upper
152 100
115 66.5 28.9 86.7
150 156.2 0.0 356.2



#73
Isopropylbenzene
Concen: 1.368 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

Tgt Ion:105 Resp: 28782
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.4

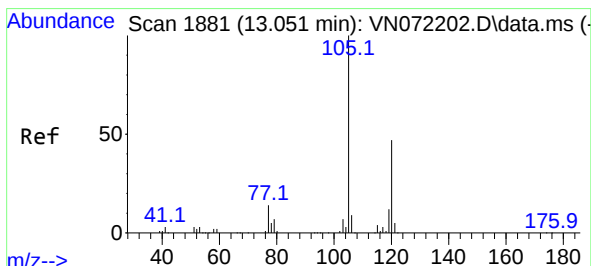
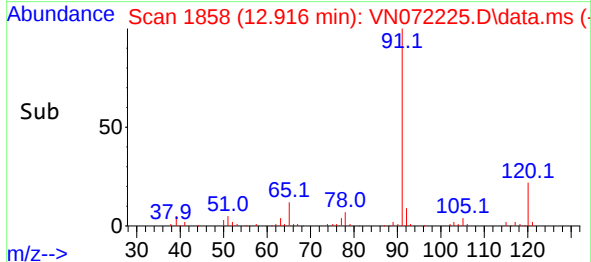
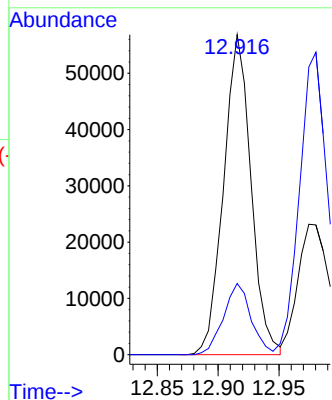
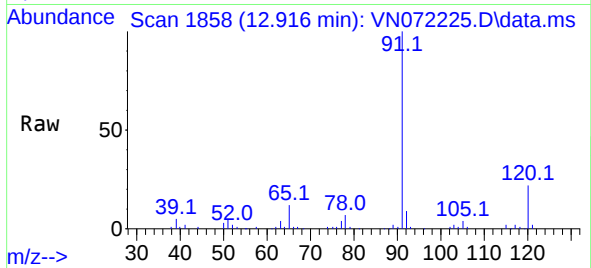




#78
n-propylbenzene
Concen: 3.838 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

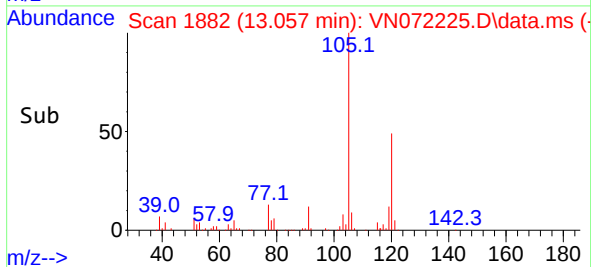
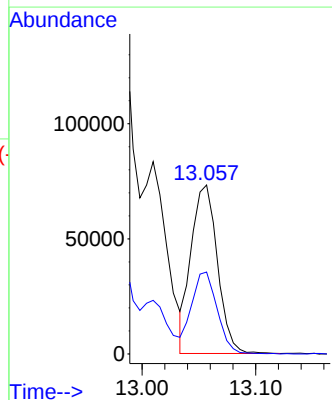
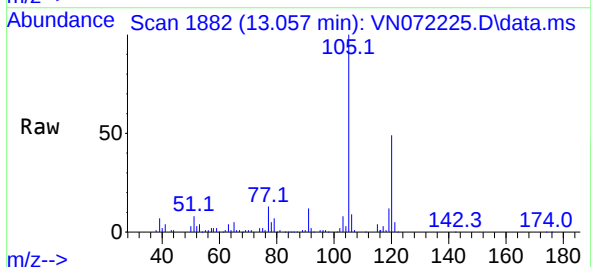
Instrument :
MSVOA_N
ClientSampleId :
31652

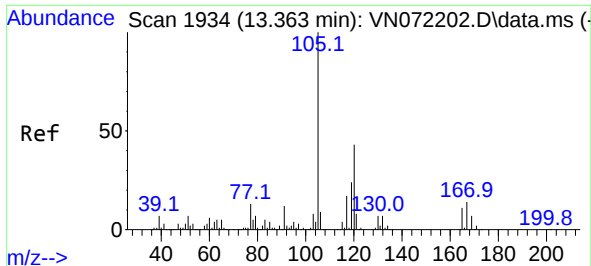
Tgt Ion: 91 Resp: 88967
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 6.711 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

Tgt Ion: 105 Resp: 117610
Ion Ratio Lower Upper
105 100
120 47.8 24.9 74.7

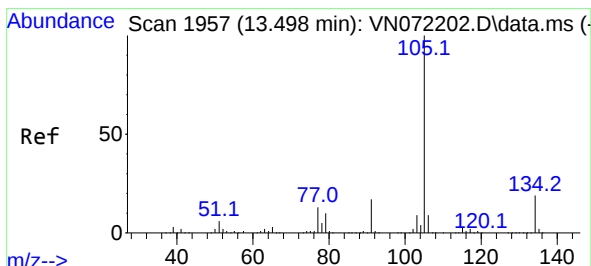
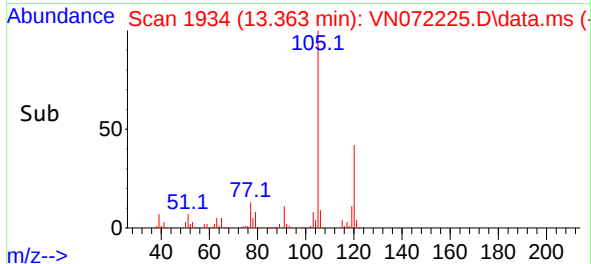
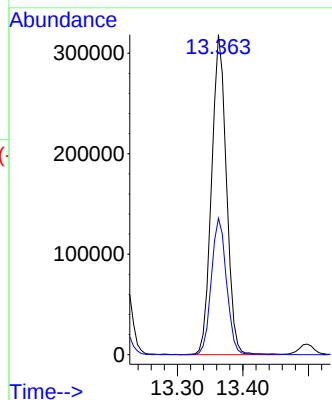
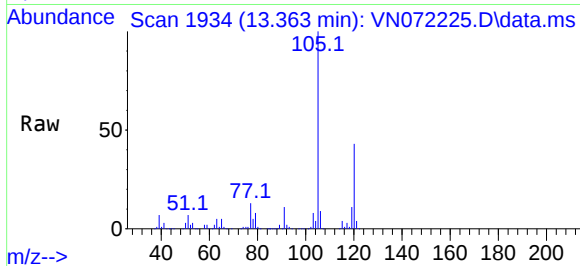




#84
1,2,4-Trimethylbenzene
Concen: 29.530 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

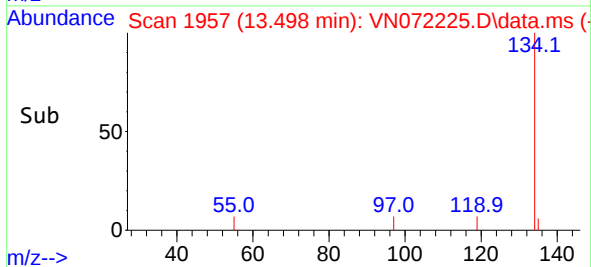
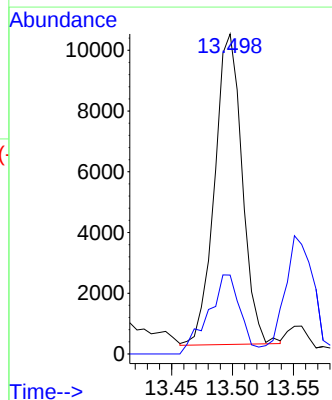
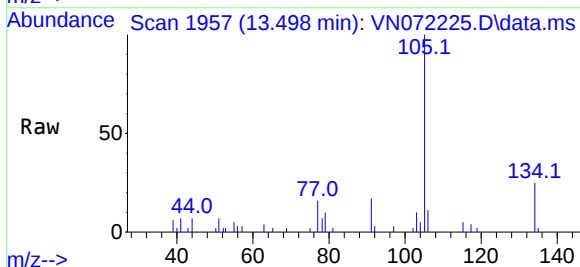
Instrument :
MSVOA_N
ClientSampleId :
31652

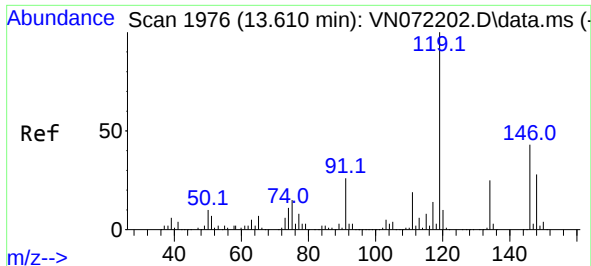
Tgt Ion:105 Resp: 500745
Ion Ratio Lower Upper
105 100
120 43.5 23.3 69.8



#85
sec-Butylbenzene
Concen: 0.801 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

Tgt Ion:105 Resp: 16077
Ion Ratio Lower Upper
105 100
134 29.6 10.4 31.1

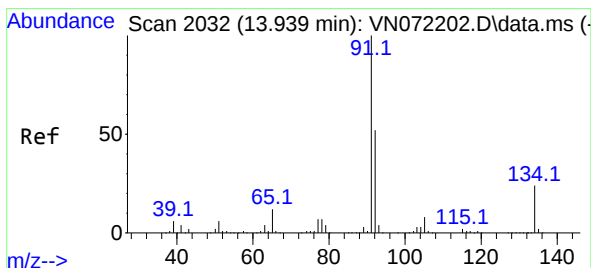
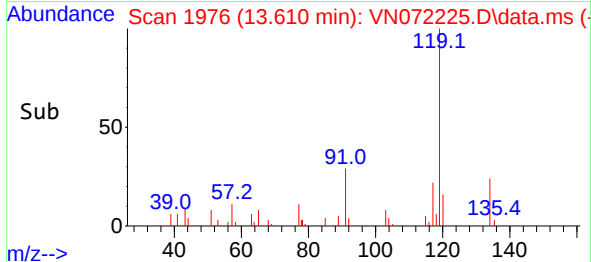
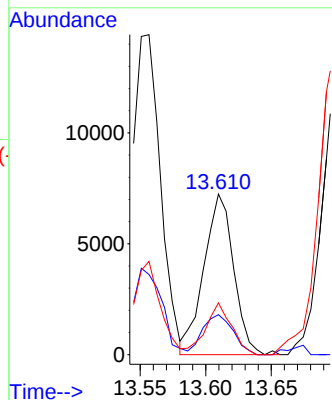
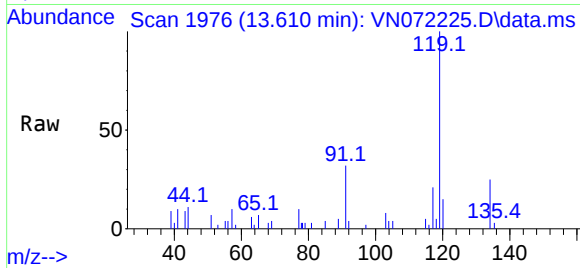




#86
p-Isopropyltoluene
Concen: 0.733 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

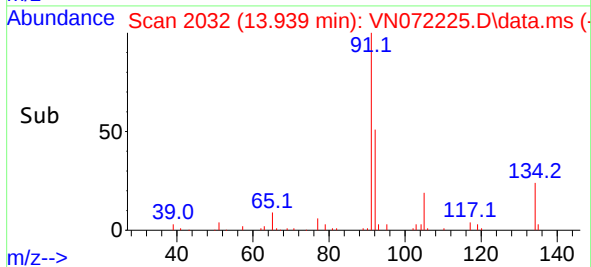
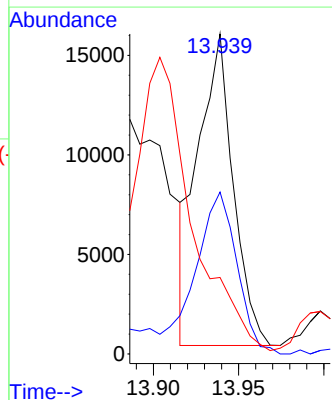
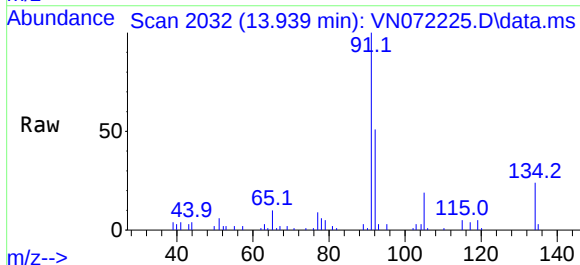
Instrument :
MSVOA_N
ClientSampleId :
31652

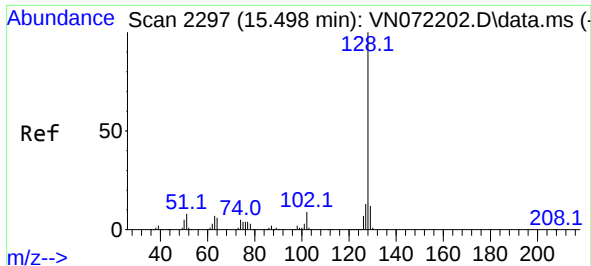
Tgt Ion:119 Resp: 11458
Ion Ratio Lower Upper
119 100
134 25.4 13.3 39.8
91 28.4 11.3 33.9



#89
n-Butylbenzene
Concen: 1.879 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

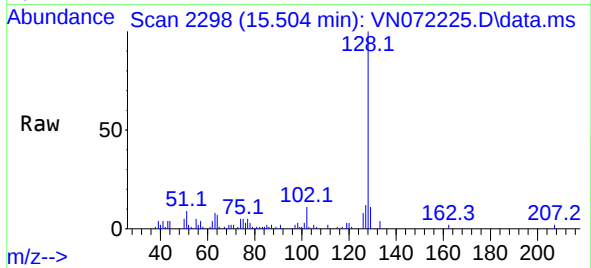
Tgt Ion: 91 Resp: 22507
Ion Ratio Lower Upper
91 100
92 61.2 26.9 80.7
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 7.682 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072225.D
Acq: 27 Apr 2022 18:53

Instrument :
MSVOA_N
ClientSampleId :
31652



Tgt Ion:128 Resp: 45669
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 12.1 8.6 13.0

