

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120621\
 Data File : VN069799.D
 Acq On : 6 Dec 2021 21:54
 Operator : JC/MD
 Sample : M4932-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM1-2

Quant Time: Dec 07 03:51:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

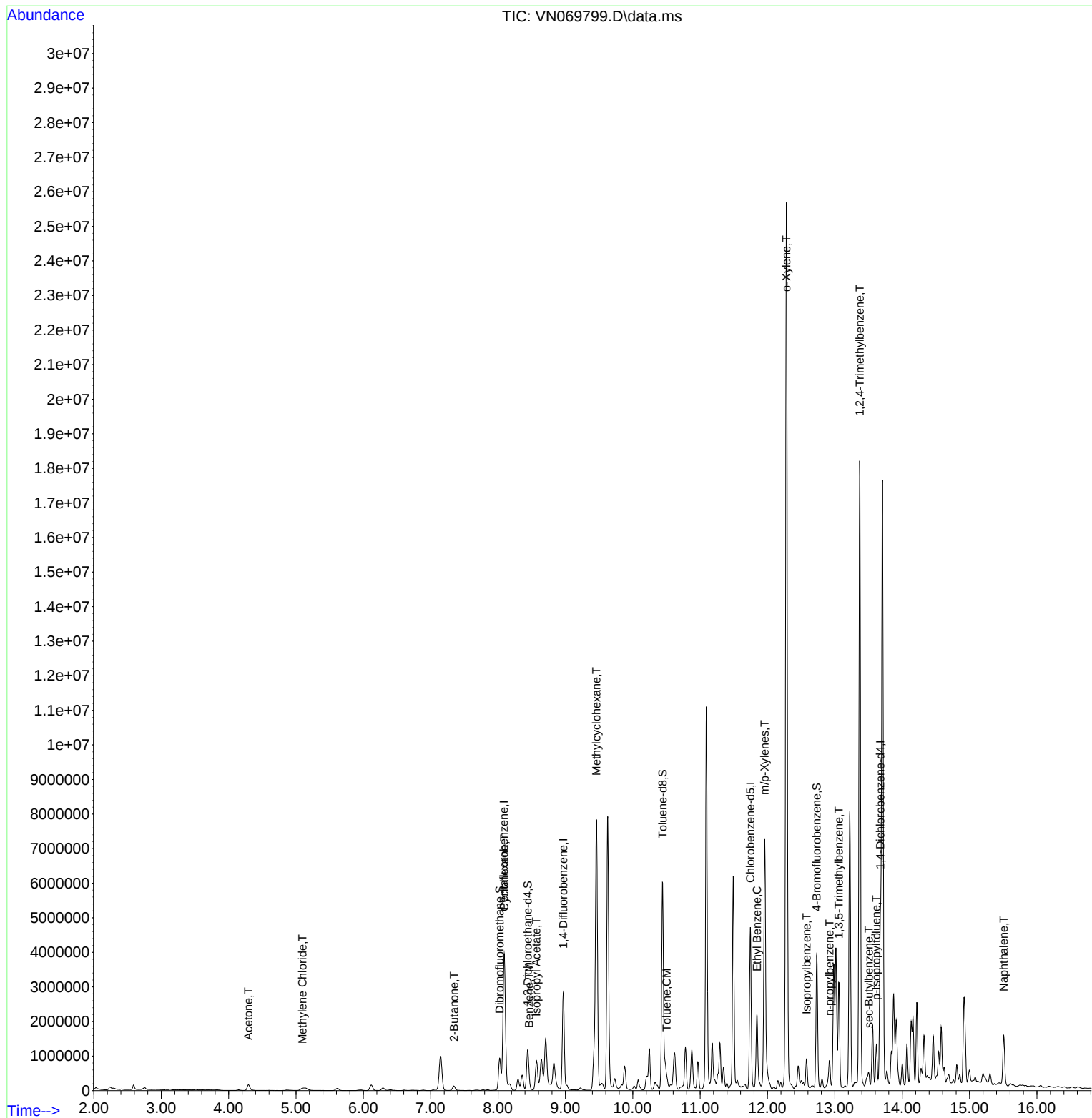
Internal Standards						
1) Pentafluorobenzene	8.088	168	1313161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2323110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2546285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1196392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	972414	47.961	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.920%
35) Dibromofluoromethane	8.024	113	675337	46.410	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.820%
50) Toluene-d8	10.443	98	3104620	53.135	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.280%
62) 4-Bromofluorobenzene	12.731	95	1290311	60.957	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	121.920%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	325498	26.688	ug/l	96
20) Methylene Chloride	5.095	84	39051	2.409	ug/l	92
25) 2-Butanone	7.345	43	205839	12.421	ug/l #	88
31) Cyclohexane	8.094	56	1359618	48.186	ug/l	92
39) Methylcyclohexane	9.462	83	3281954	124.762	ug/l	90
40) Benzene	8.461	78	97542	1.443	ug/l	100
43) Isopropyl Acetate	8.568	43	210321	4.318	ug/l #	76
52) Toluene	10.505	92	108355	2.626	ug/l	99
67) Ethyl Benzene	11.846	91	1024705	10.921	ug/l	97
68) m/p-Xylenes	11.958	106	2027415	59.341	ug/l	93
69) o-Xylene	12.280	106	6774317	196.849	ug/l	95
73) Isopropylbenzene	12.581	105	561168	5.272	ug/l	98
78) n-propylbenzene	12.921	91	597177	5.042	ug/l	96
80) 1,3,5-Trimethylbenzene	13.061	105	1573601m	18.367	ug/l	
84) 1,2,4-Trimethylbenzene	13.369	105	10157177	124.484	ug/l	98
85) sec-Butylbenzene	13.503	105	272058m	2.644	ug/l	
86) p-Isopropyltoluene	13.616	119	610855	7.594	ug/l	96
95) Naphthalene	15.507	128	1290882	24.304	ug/l	100

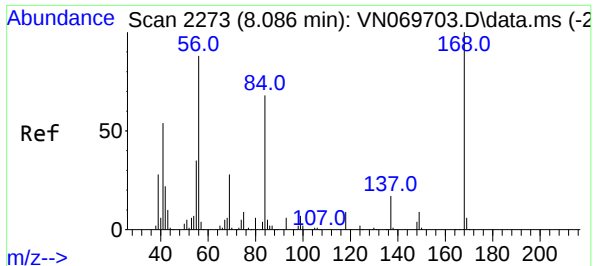
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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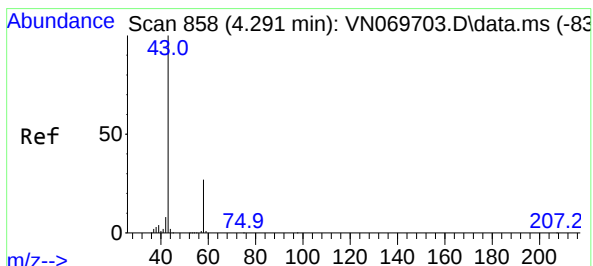
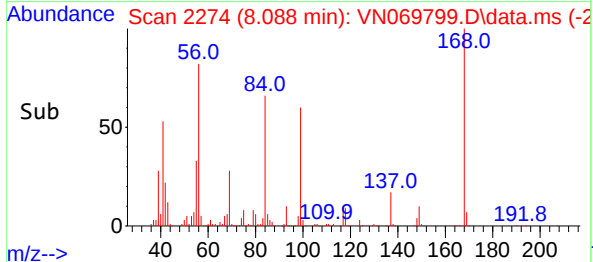
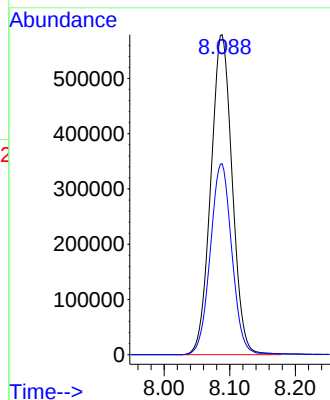
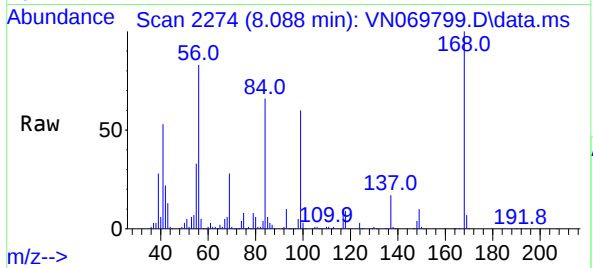




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

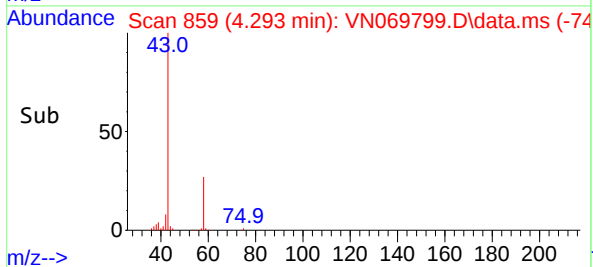
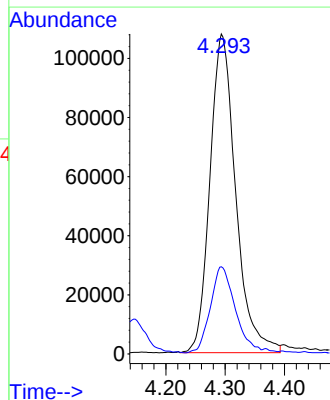
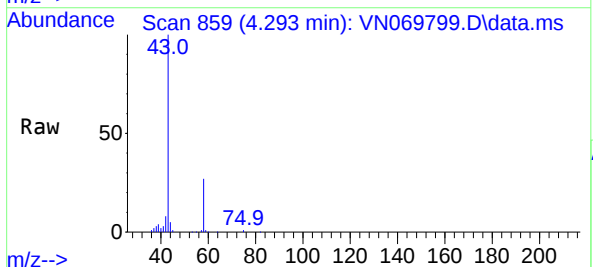
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

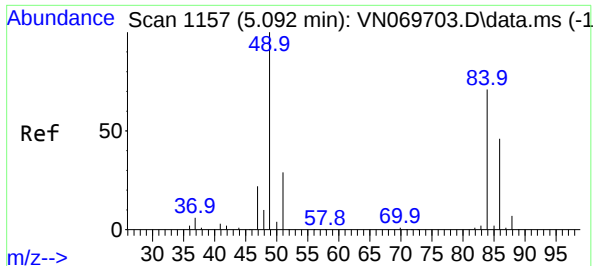
Tgt Ion:168 Resp: 1313161
Ion Ratio Lower Upper
168 100
99 59.7 41.3 61.9



#16
Acetone
Concen: 26.688 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion: 43 Resp: 325498
Ion Ratio Lower Upper
43 100
58 26.8 23.1 34.7



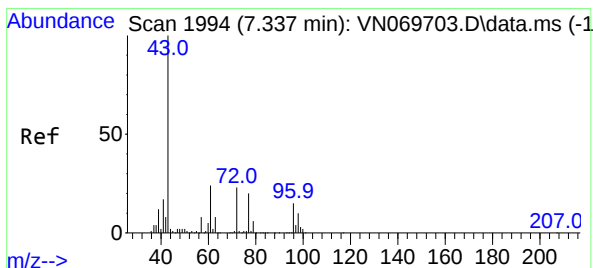
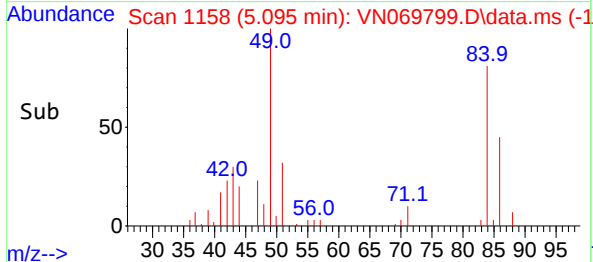
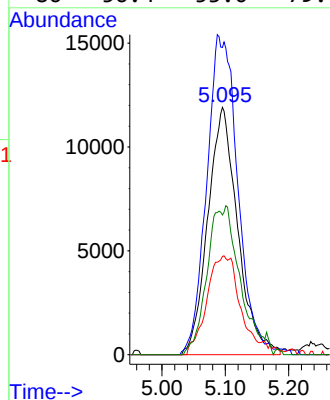
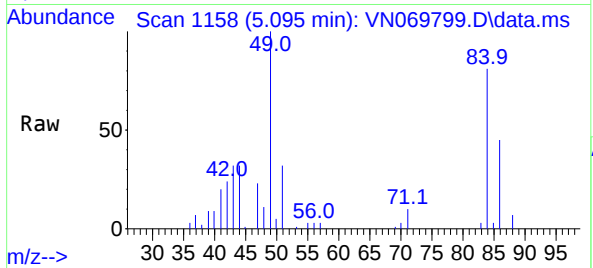


#20
Methylene Chloride
Concen: 2.409 ug/l
RT: 5.095 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

Tgt Ion: 84 Resp: 39051

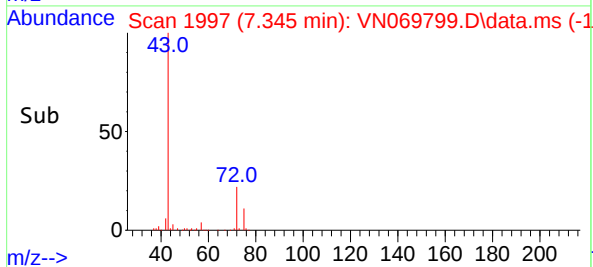
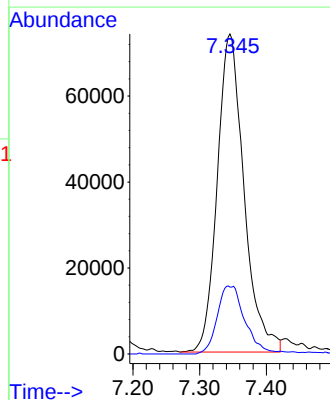
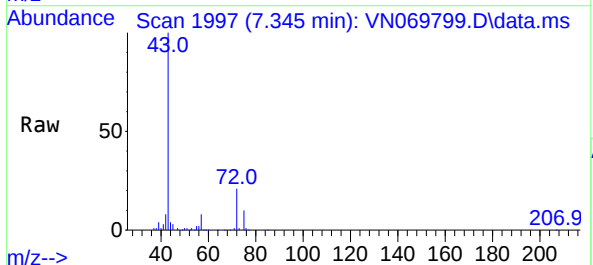
Ion	Ratio	Lower	Upper
84	100		
49	124.2	93.5	140.3
51	39.7	29.4	44.2
86	56.4	53.0	79.4

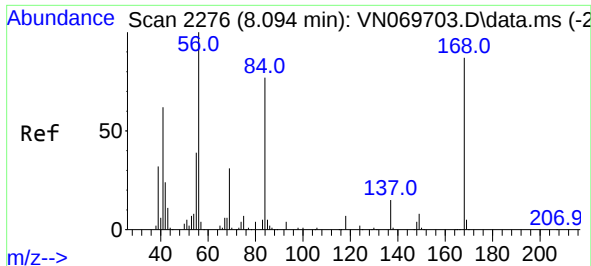


#25
2-Butanone
Concen: 12.421 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.008 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion: 43 Resp: 205839

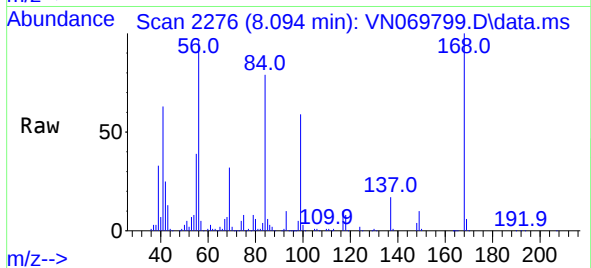
Ion	Ratio	Lower	Upper
43	100		
72	21.1	21.7	32.5



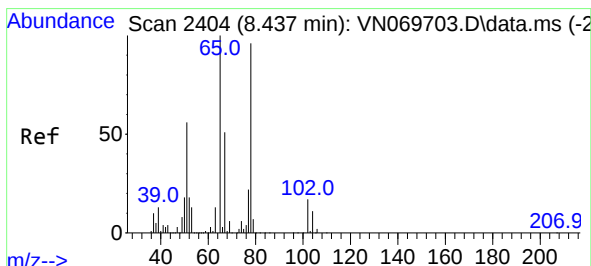
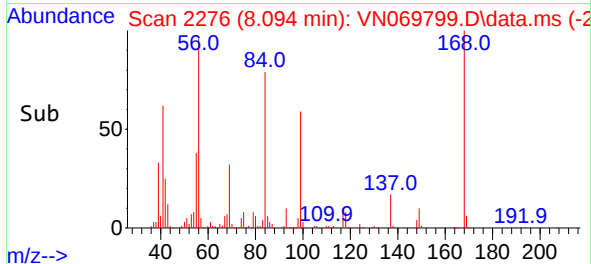
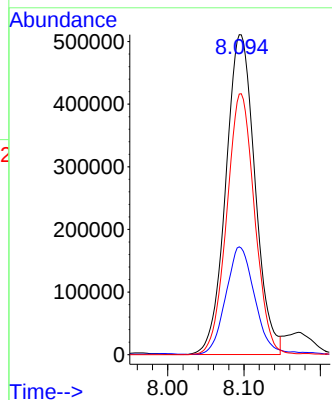


#31
Cyclohexane
Concen: 48.186 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

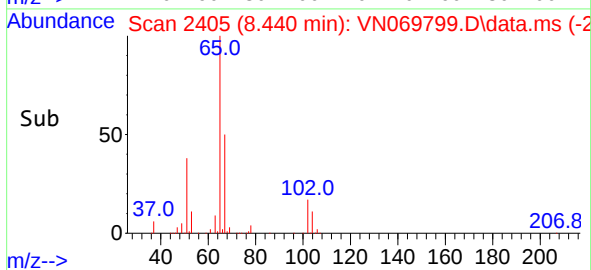
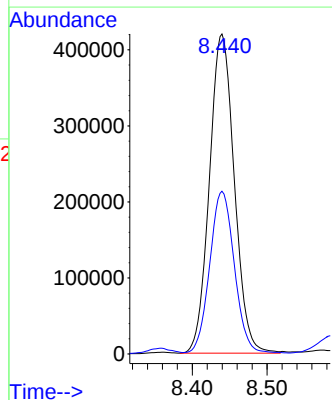
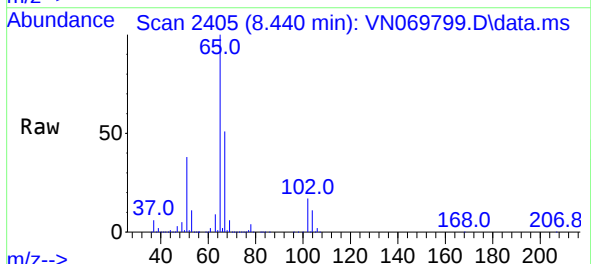


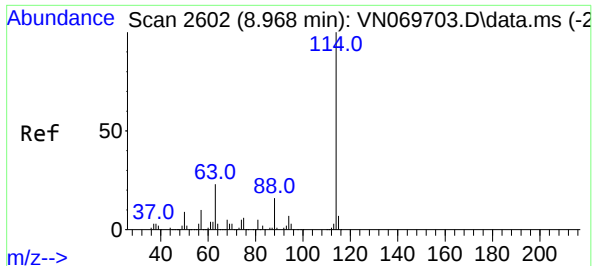
Tgt Ion: 56 Resp: 1359618
Ion Ratio Lower Upper
56 100
69 33.5 27.1 40.7
84 81.4 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 47.961 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion: 65 Resp: 972414
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.0

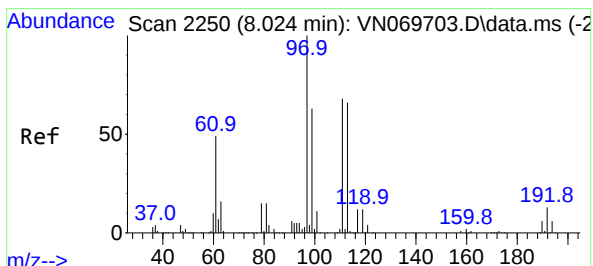
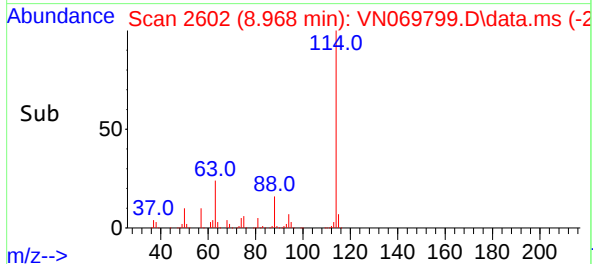
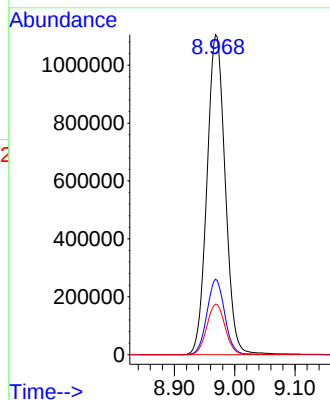
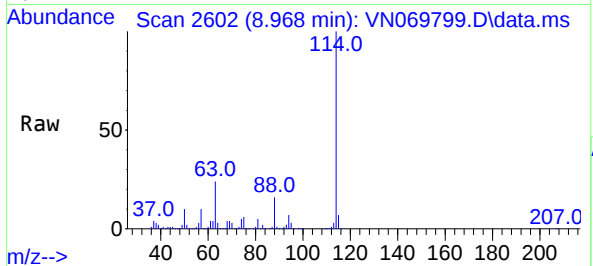




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

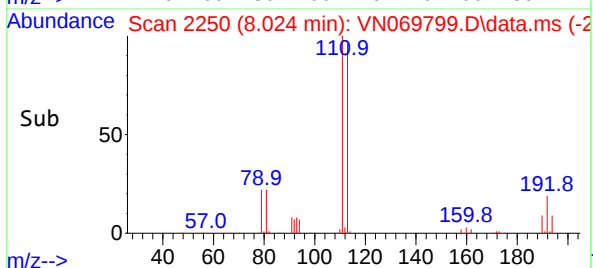
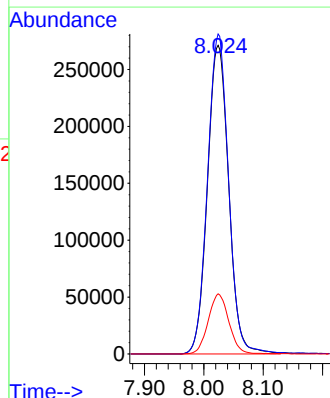
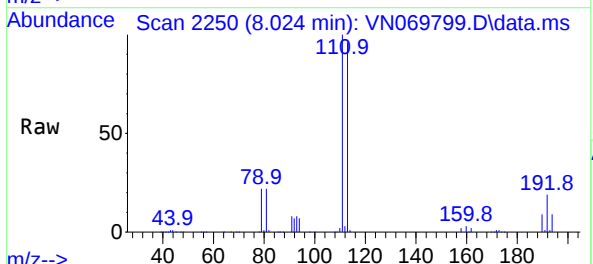
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

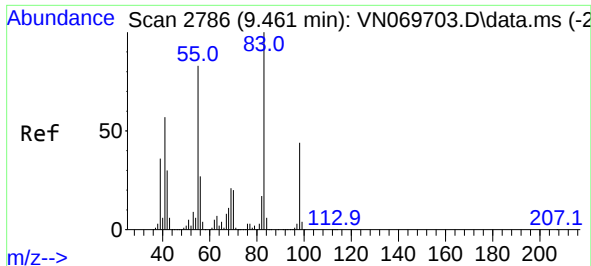
Tgt Ion:114 Resp: 2323110
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 15.8 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.410 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion:113 Resp: 675337
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 18.9 16.9 25.3

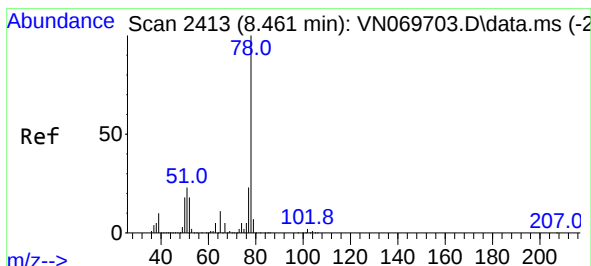
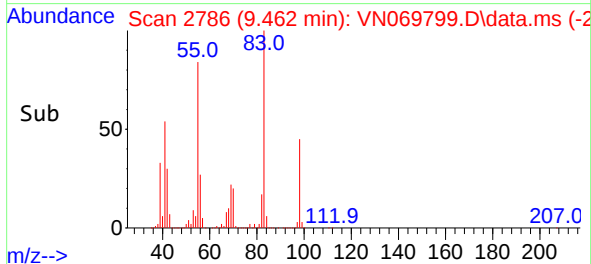
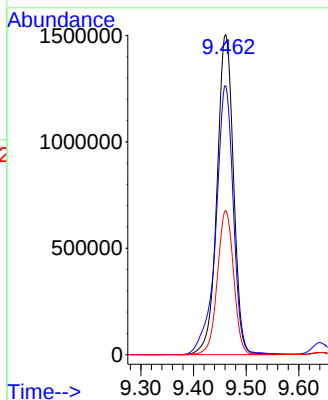
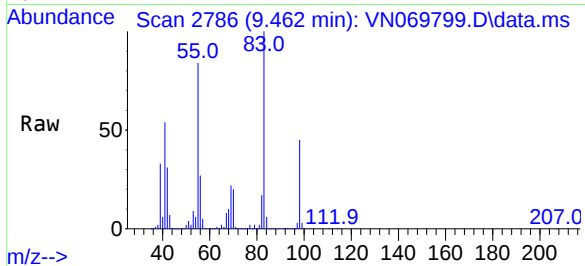




#39
Methylcyclohexane
Concen: 124.762 ug/l
RT: 9.462 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

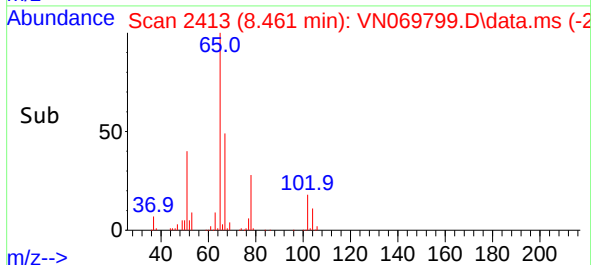
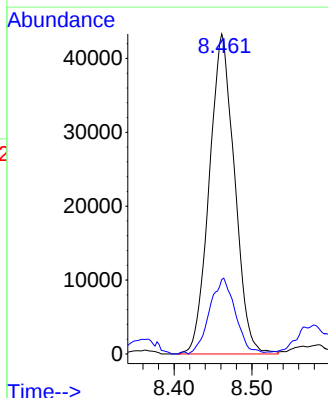
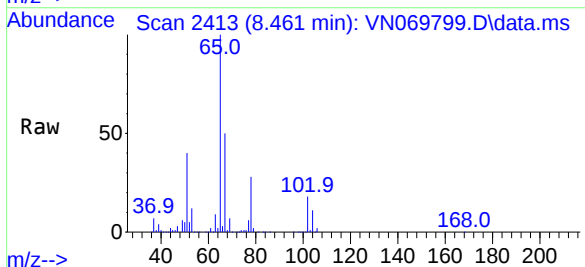
Instrument :
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ClientSampleId :
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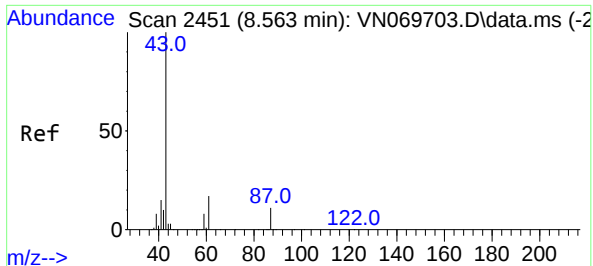
Tgt Ion: 83 Resp: 3281954
Ion Ratio Lower Upper
83 100
55 83.9 58.1 87.1
98 45.0 38.4 57.6



#40
Benzene
Concen: 1.443 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion: 78 Resp: 97542
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8

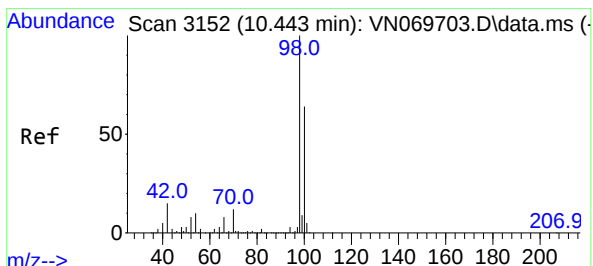
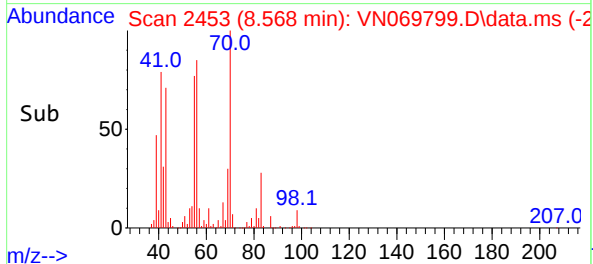
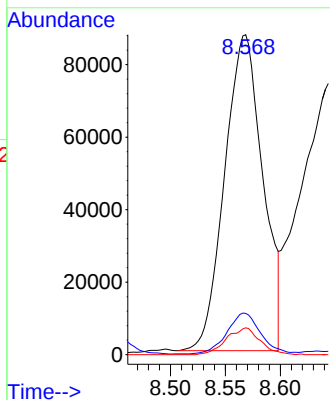
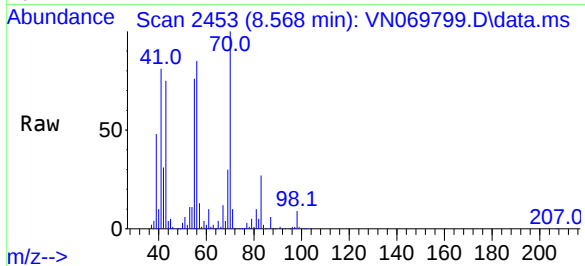




#43
Isopropyl Acetate
Concen: 4.318 ug/l
RT: 8.568 min Scan# 2451
Delta R.T. 0.006 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

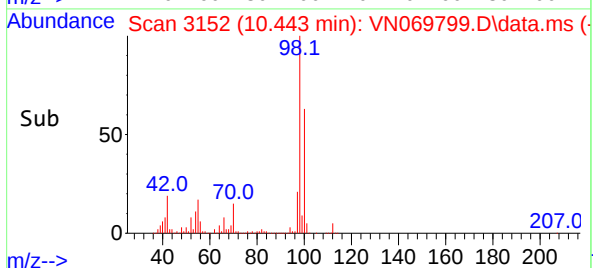
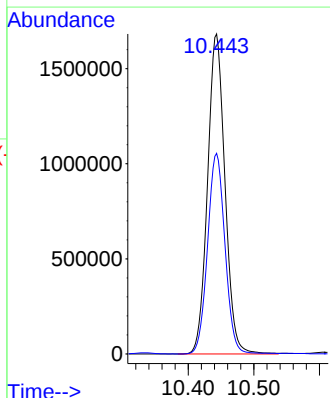
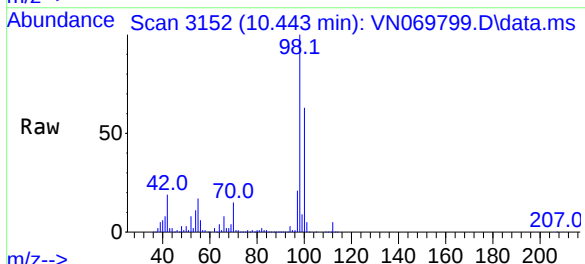
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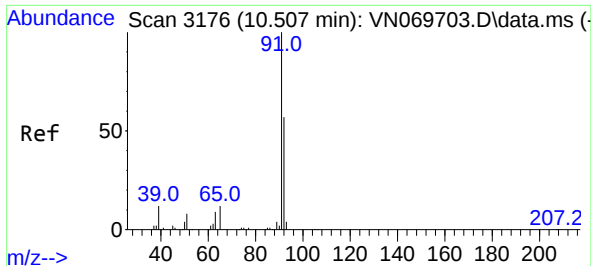
Tgt Ion: 43 Resp: 210321
Ion Ratio Lower Upper
43 100
61 11.4 20.4 30.6#
87 7.5 11.2 16.8#



#50
Toluene-d8
Concen: 53.135 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion: 98 Resp: 3104620
Ion Ratio Lower Upper
98 100
100 62.6 50.4 75.6

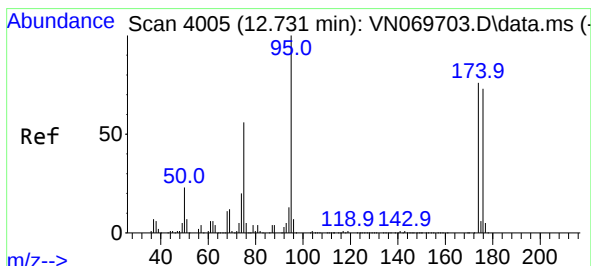
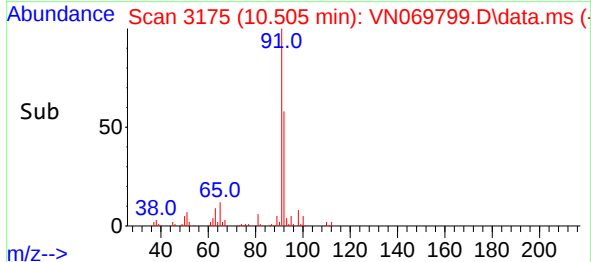
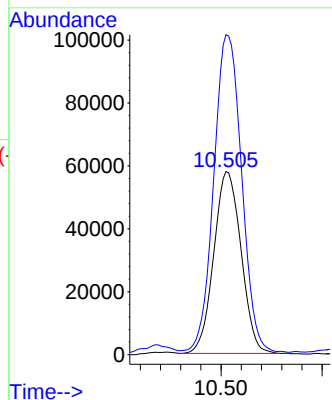
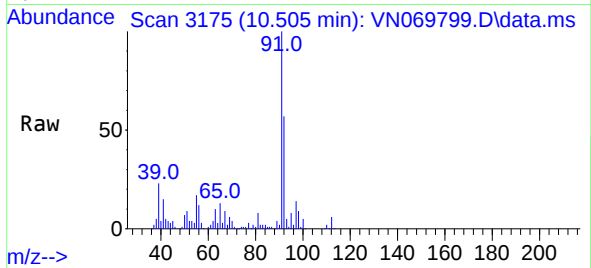




#52
Toluene
Concen: 2.626 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

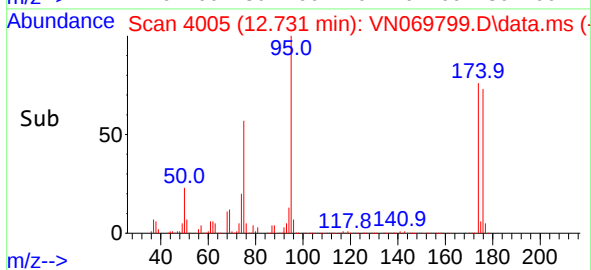
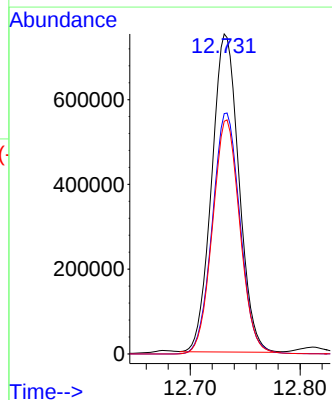
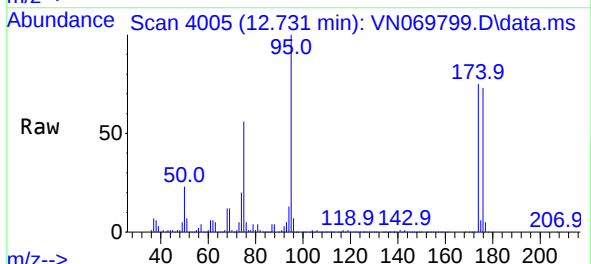
Instrument :
MSVOA_N
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DRUM1-2

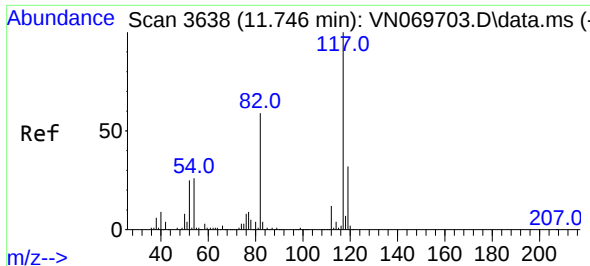
Tgt Ion: 92 Resp: 108355
Ion Ratio Lower Upper
92 100
91 179.0 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 60.957 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion: 95 Resp: 1290311
Ion Ratio Lower Upper
95 100
174 77.5 0.0 187.2
176 74.2 0.0 181.4



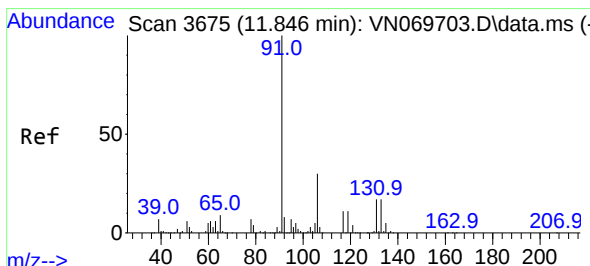
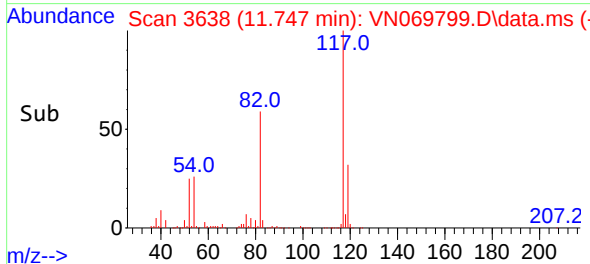
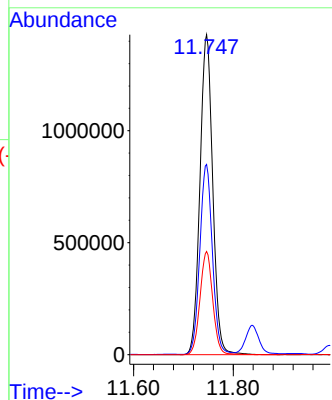
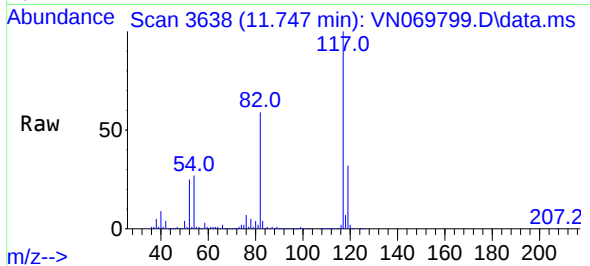


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

Tgt Ion:117 Resp: 2546285

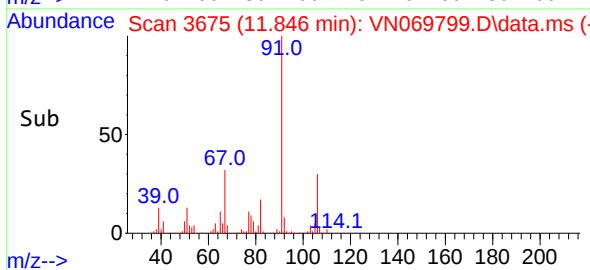
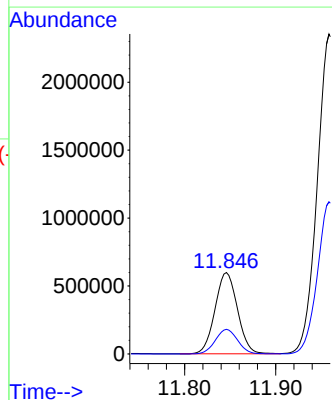
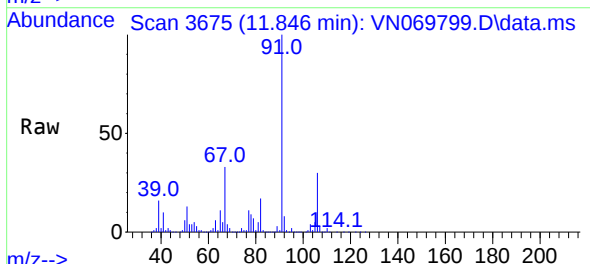
Ion	Ratio	Lower	Upper
117	100		
82	59.3	42.4	63.6
119	32.3	25.4	38.2

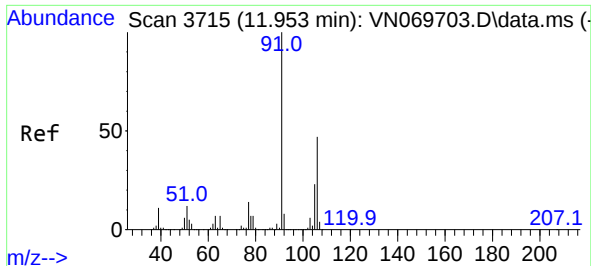


#67
Ethyl Benzene
Concen: 10.921 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion: 91 Resp: 1024705

Ion	Ratio	Lower	Upper
91	100		
106	30.2	25.7	38.5

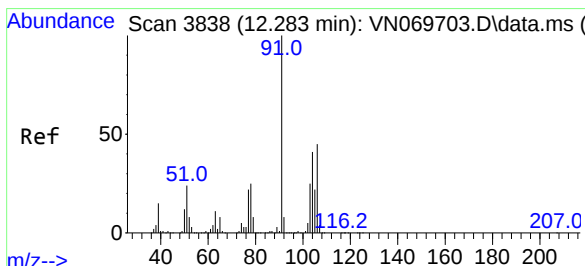
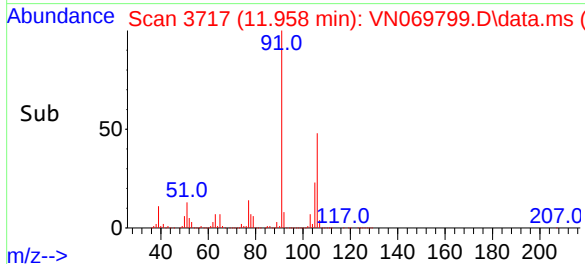
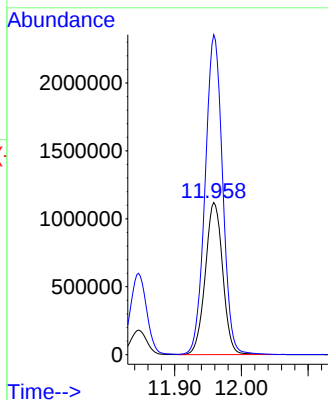
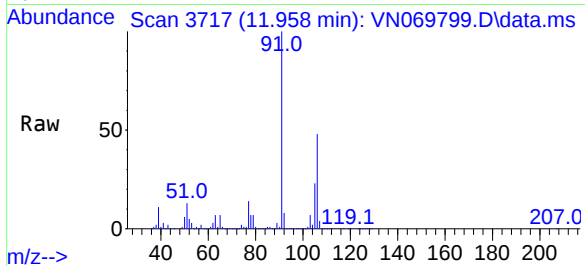




#68
m/p-Xylenes
Concen: 59.341 ug/l
RT: 11.958 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

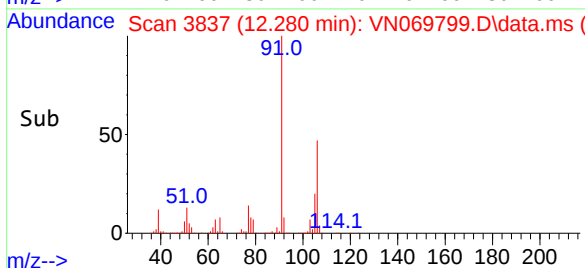
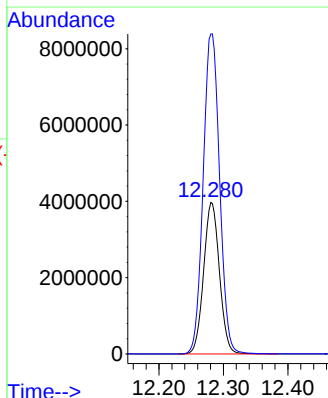
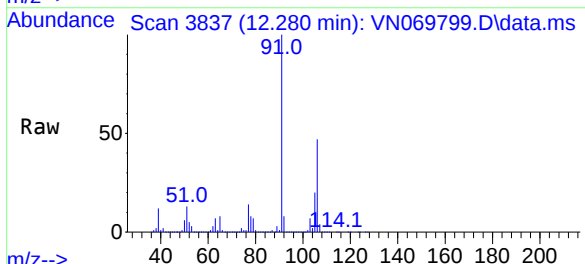
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

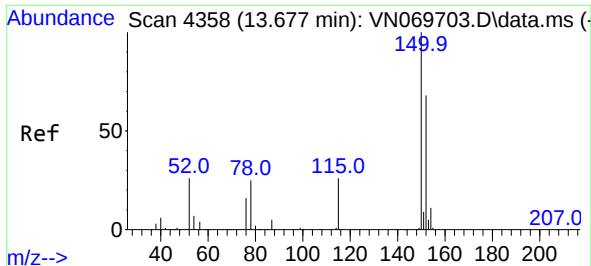
Tgt Ion:106 Resp: 2027415
Ion Ratio Lower Upper
106 100
91 211.0 160.6 240.8



#69
o-Xylene
Concen: 196.849 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion:106 Resp: 6774317
Ion Ratio Lower Upper
106 100
91 219.6 105.8 317.3

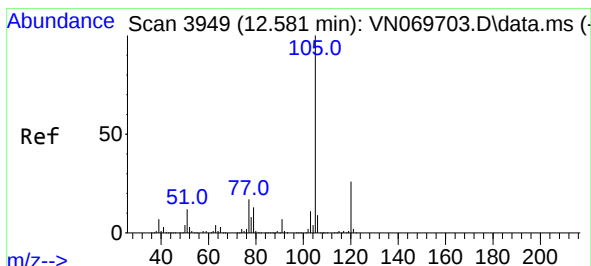
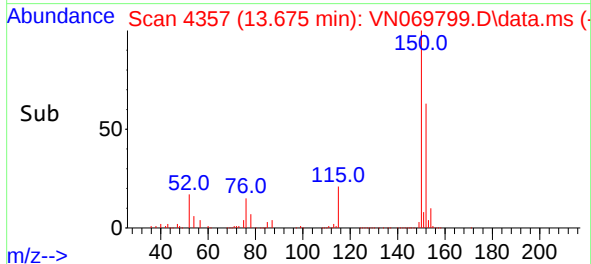
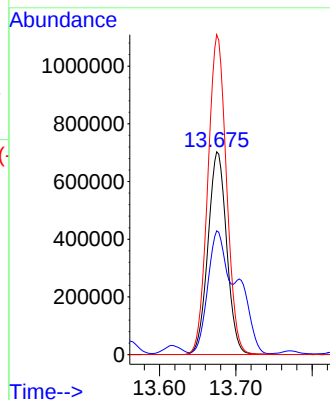
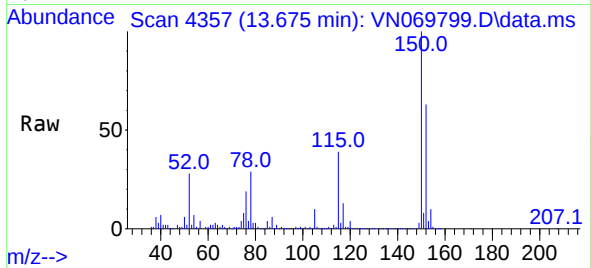




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

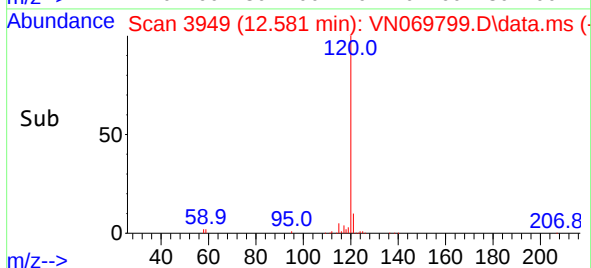
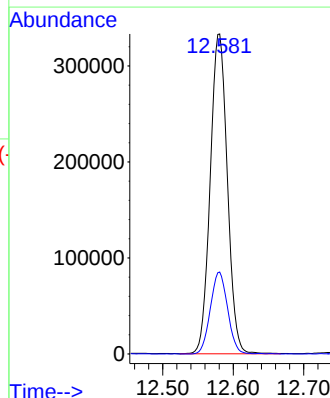
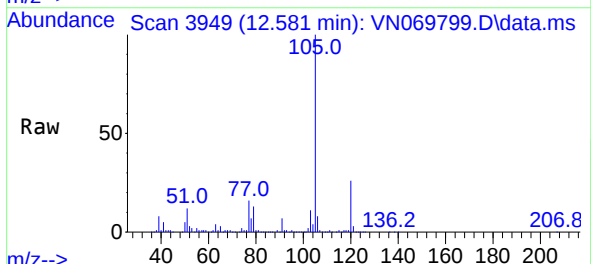
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

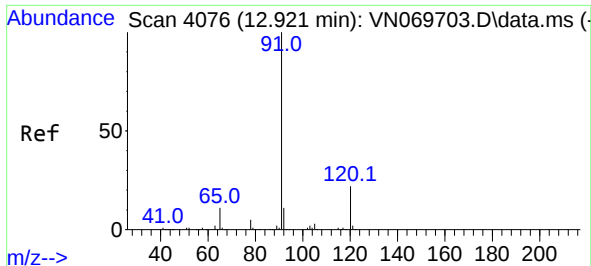
Tgt Ion:152 Resp: 1196392
Ion Ratio Lower Upper
152 100
115 64.4 27.5 82.5
150 157.4 0.0 344.4



#73
Isopropylbenzene
Concen: 5.272 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion:105 Resp: 561168
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

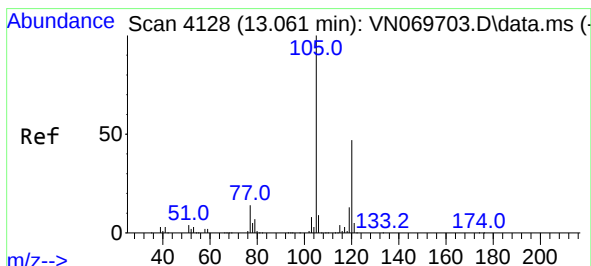
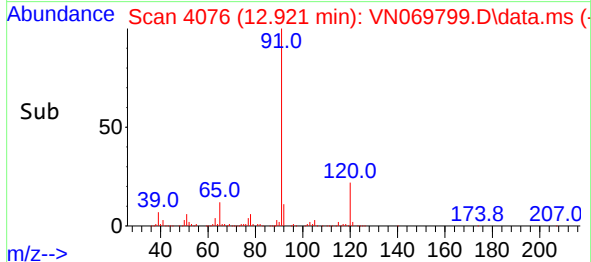
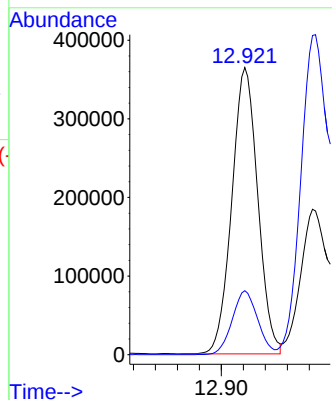
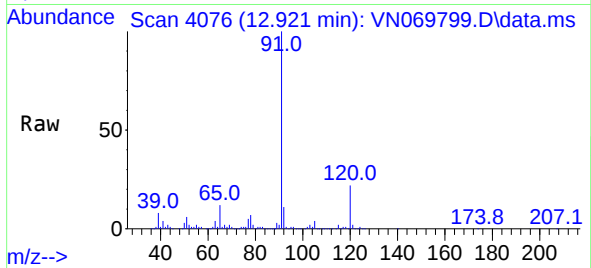




#78
n-propylbenzene
Concen: 5.042 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

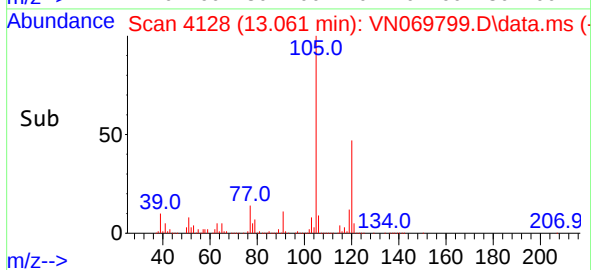
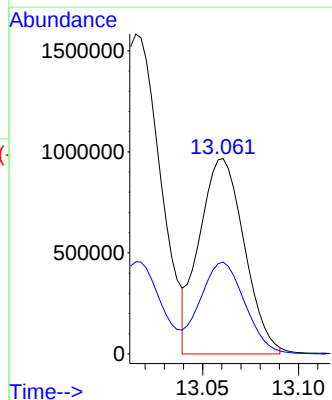
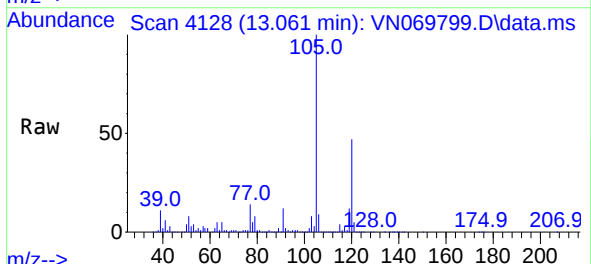
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

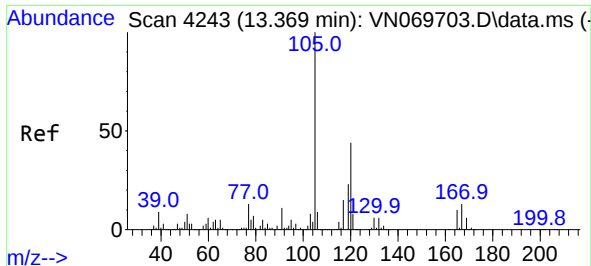
Tgt Ion: 91 Resp: 597177
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 18.367 ug/l m
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion:105 Resp: 1573601
Ion Ratio Lower Upper
105 100
120 0.0 24.6 73.6#

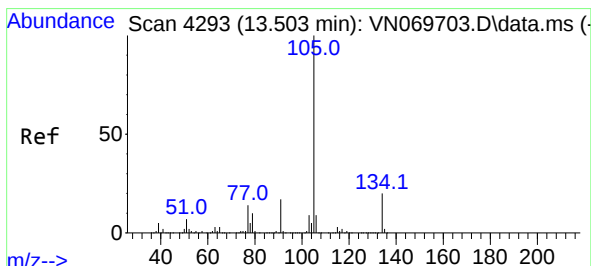
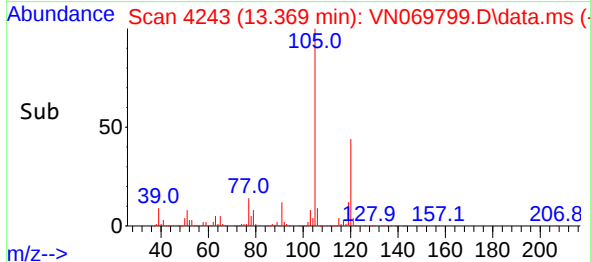
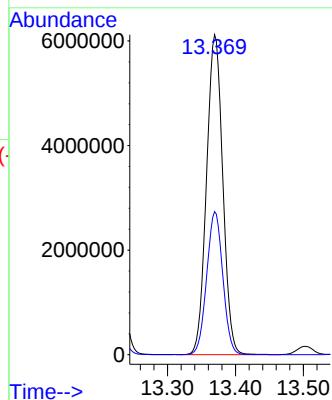
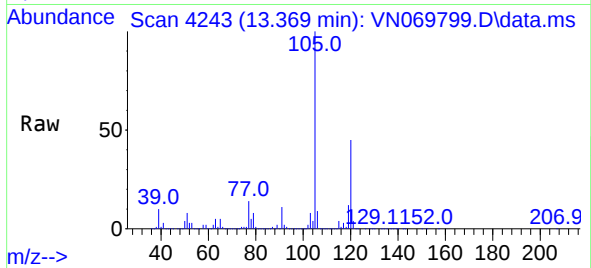




#84
1,2,4-Trimethylbenzene
Concen: 124.484 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

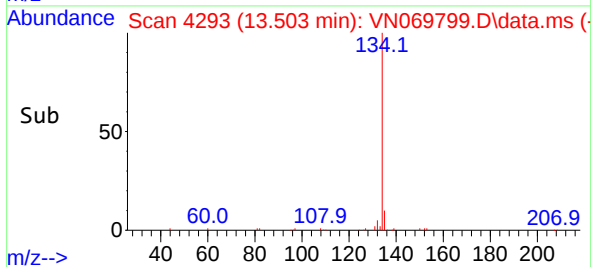
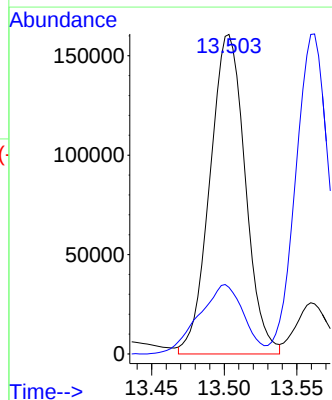
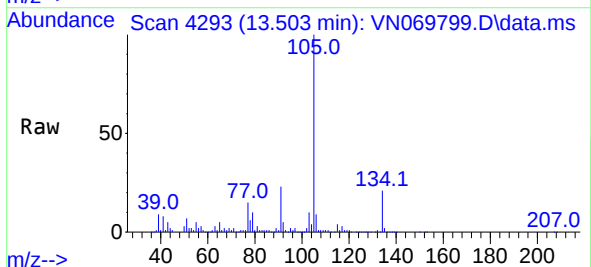
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

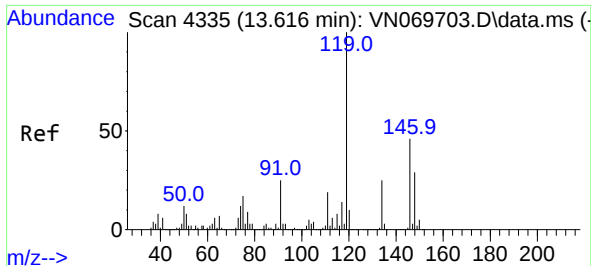
Tgt Ion:105 Resp:10157177
Ion Ratio Lower Upper
105 100
120 44.4 22.8 68.4



#85
sec-Butylbenzene
Concen: 2.644 ug/l m
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion:105 Resp: 272058
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

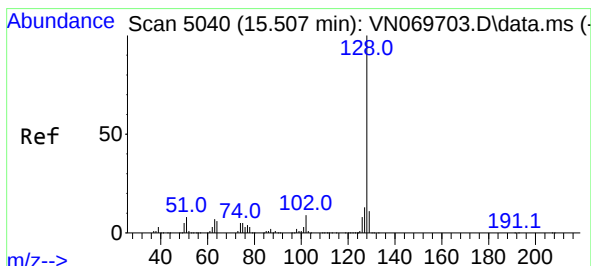
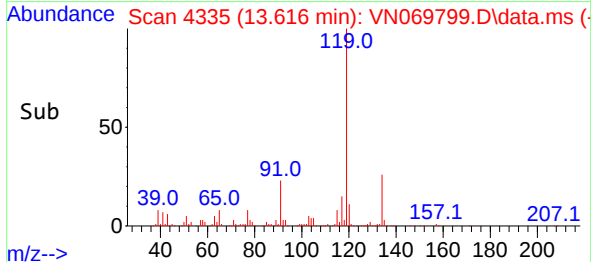
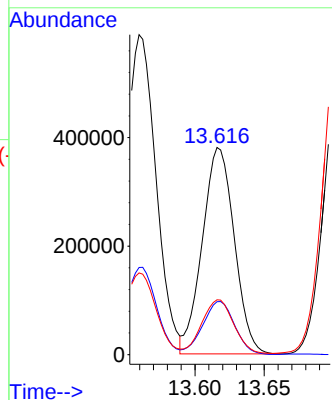
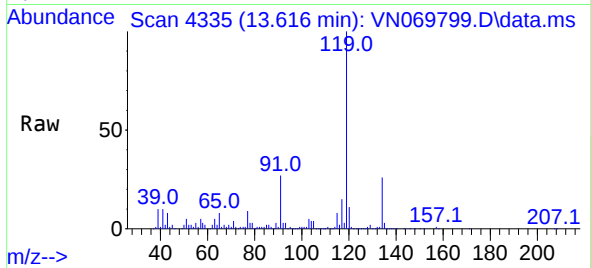




#86
p-Isopropyltoluene
Concen: 7.594 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

Tgt Ion:119 Resp: 610855
Ion Ratio Lower Upper
119 100
134 25.6 13.6 40.7
91 25.6 11.4 34.1



#95
Naphthalene
Concen: 24.304 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion:128 Resp: 1290882
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.8 8.7 13.1

