

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082621\
 Data File : VN068328.D
 Acq On : 26 Aug 2021 19:07
 Operator : JC/MD
 Sample : M3529-01DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31113DL

Quant Time: Aug 27 05:54:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

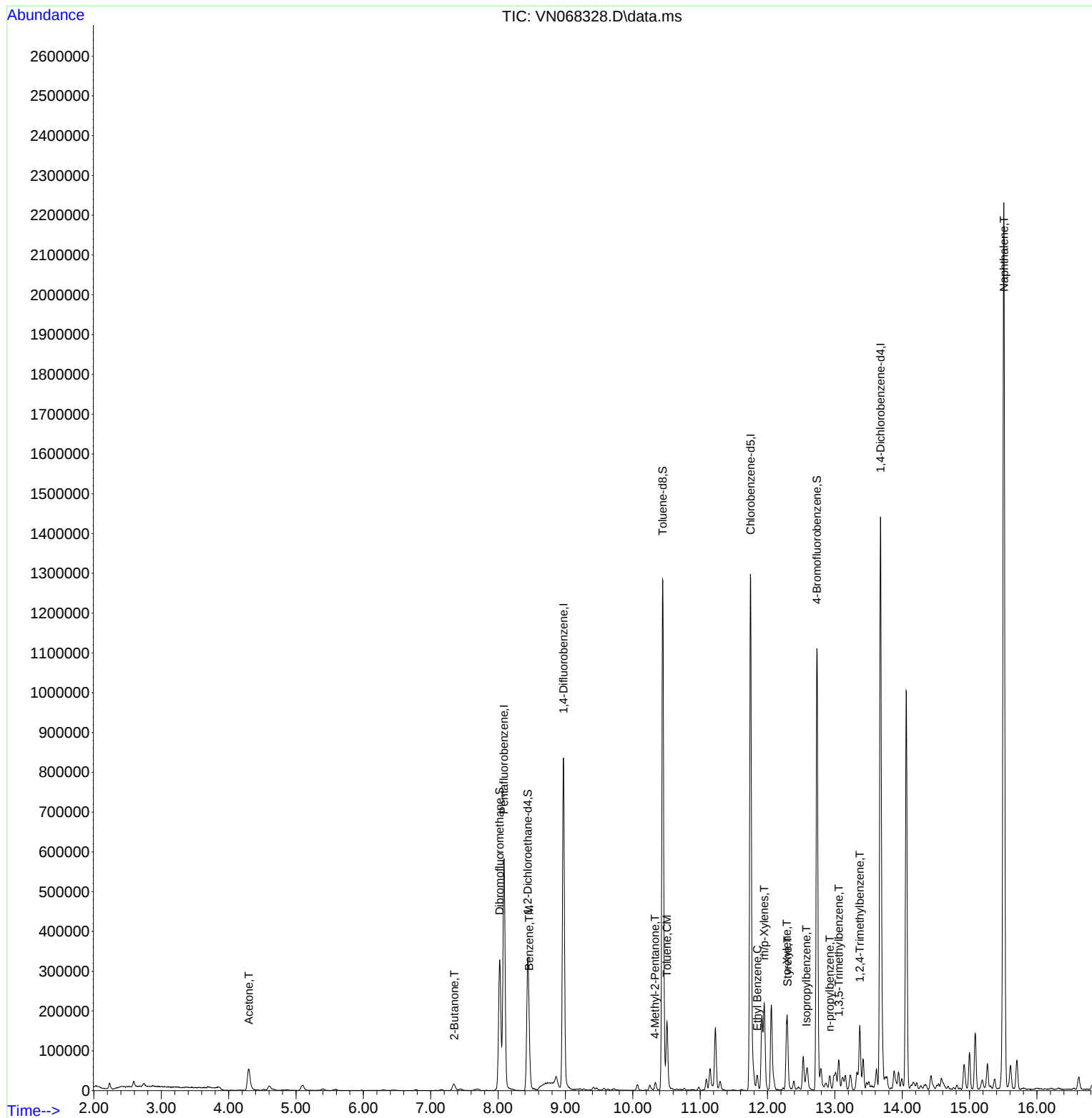
Internal Standards						
1) Pentafluorobenzene	8.088	168	488274	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	809266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	846641	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	427039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	260890	50.042	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 100.080%		
35) Dibromofluoromethane	8.024	113	244896	48.200	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 96.400%		
50) Toluene-d8	10.443	98	958814	49.527	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 99.060%		
62) 4-Bromofluorobenzene	12.734	95	372301	57.768	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 115.540%		
Target Compounds						
						Qvalue
16) Acetone	4.299	43	103238	67.823	ug/l	# 89
25) 2-Butanone	7.351	43	17086	7.203	ug/l	# 77
40) Benzene	8.461	78	65011	3.220	ug/l	99
51) 4-Methyl-2-Pentanone	10.331	43	13392	2.415	ug/l	91
52) Toluene	10.508	92	75705	5.500	ug/l	98
67) Ethyl Benzene	11.849	91	27538	0.963	ug/l	# 83
68) m/p-Xylenes	11.953	106	71420	6.244	ug/l	80
69) o-Xylene	12.286	106	36441	3.297	ug/l	81
70) Styrene	12.299	104	62884	3.555	ug/l	# 90
73) Isopropylbenzene	12.578	105	9446	0.311	ug/l	93
78) n-propylbenzene	12.924	91	24636	0.756	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	28117	1.144	ug/l	85
84) 1,2,4-Trimethylbenzene	13.372	105	92957	3.876	ug/l	93
95) Naphthalene	15.509	128	2148047	122.916	ug/l	99

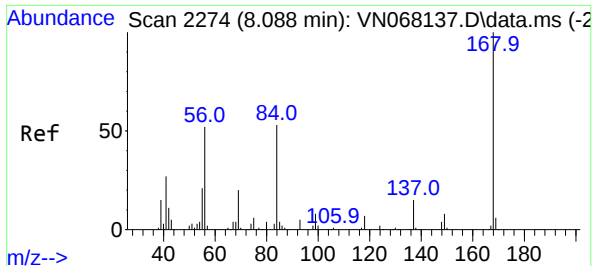
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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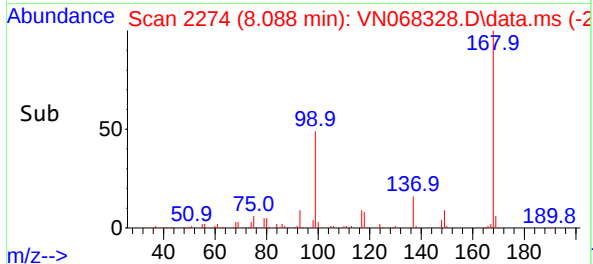
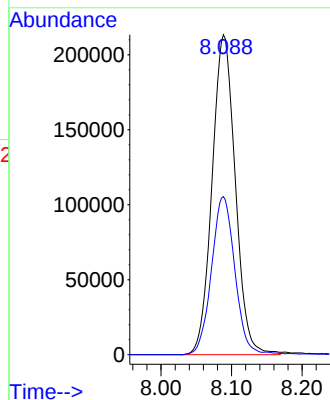
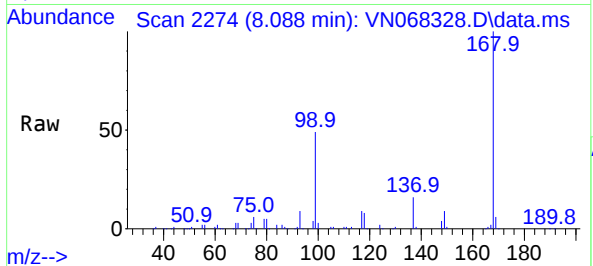




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

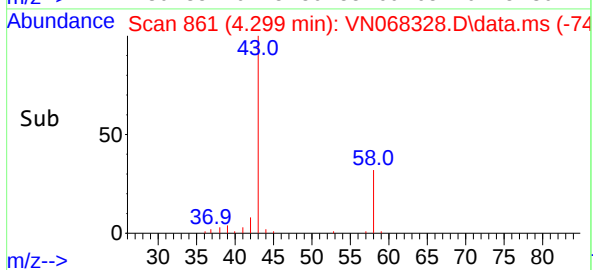
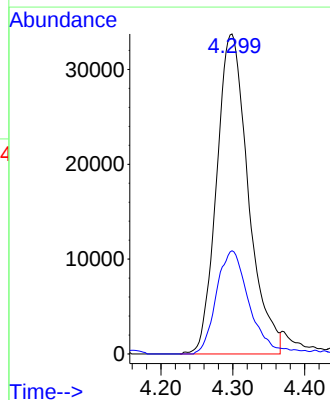
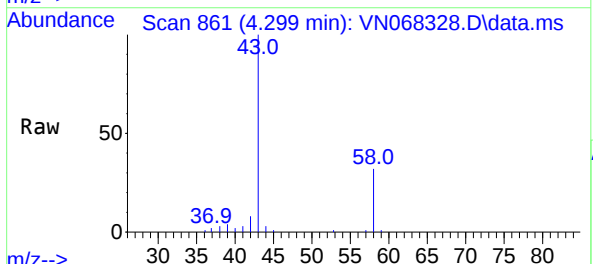
Instrument :
MSVOA_N
ClientSampled :
31113DL

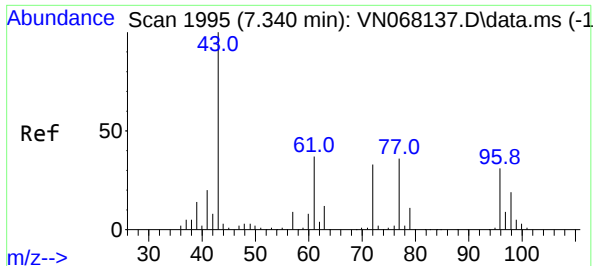
Tgt Ion:168 Resp: 488274
Ion Ratio Lower Upper
168 100
99 49.4 62.9 94.3#



#16
Acetone
Concen: 67.823 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion: 43 Resp: 103238
Ion Ratio Lower Upper
43 100
58 32.3 21.2 31.8#

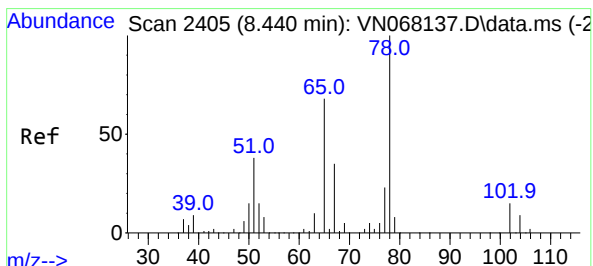
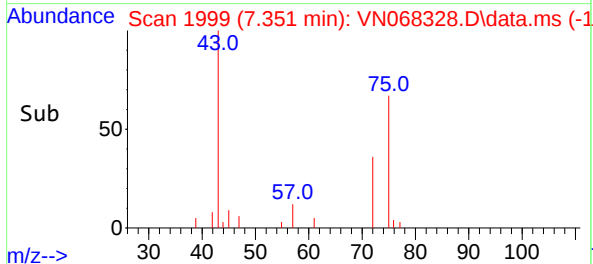
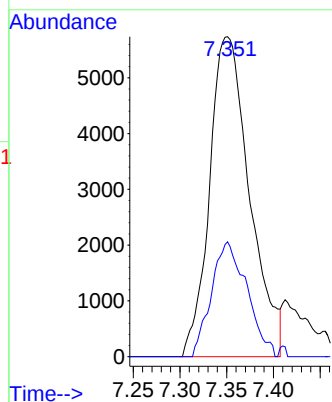
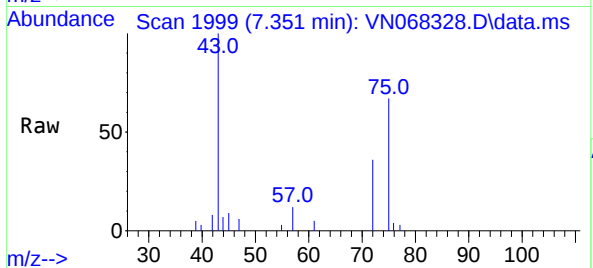




#25
2-Butanone
Concen: 7.203 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.011 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

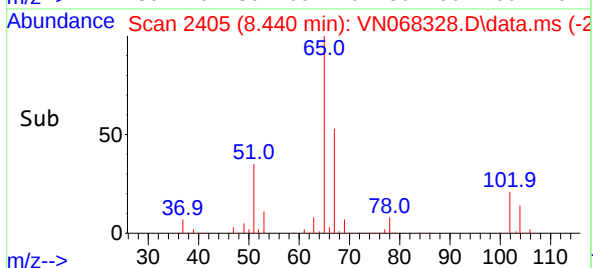
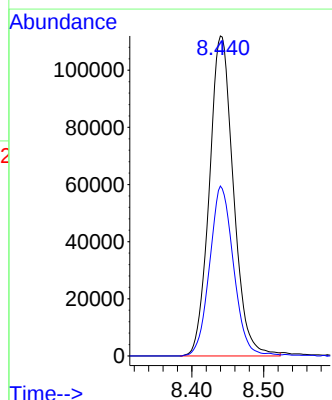
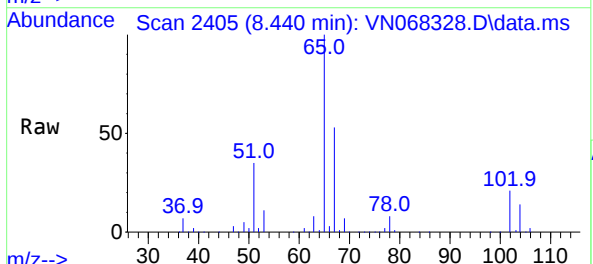
Instrument :
MSVOA_N
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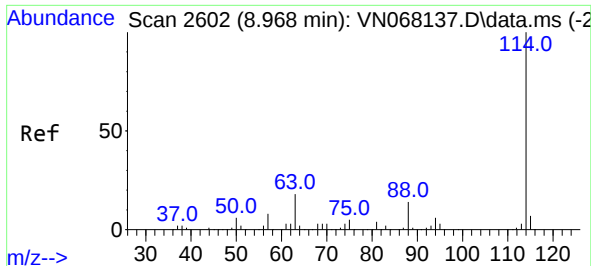
Tgt Ion: 43 Resp: 17086
Ion Ratio Lower Upper
43 100
72 35.9 19.7 29.5#



#33
1,2-Dichloroethane-d4
Concen: 50.042 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion: 65 Resp: 260890
Ion Ratio Lower Upper
65 100
67 52.3 0.0 98.6

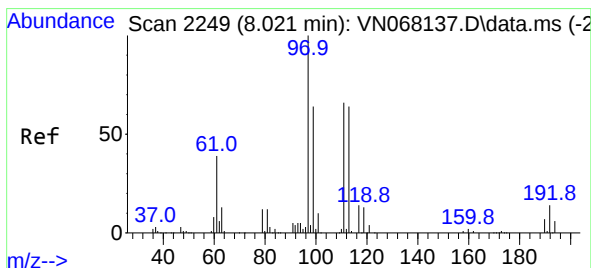
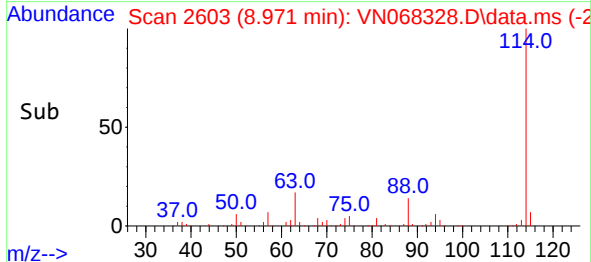
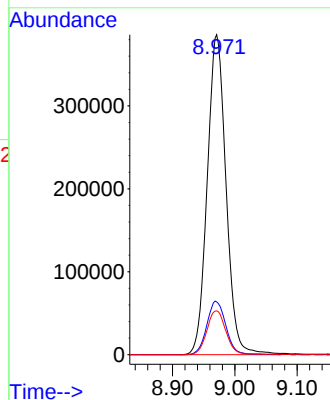
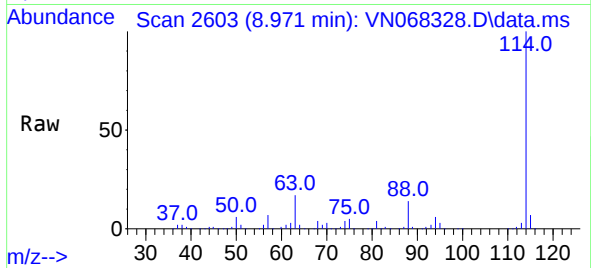




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

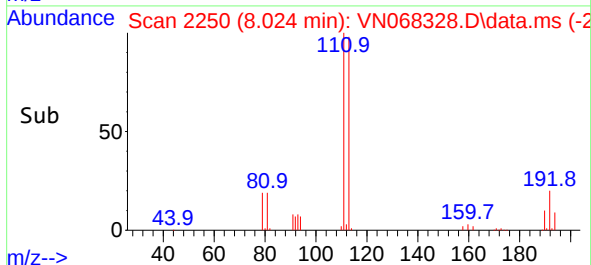
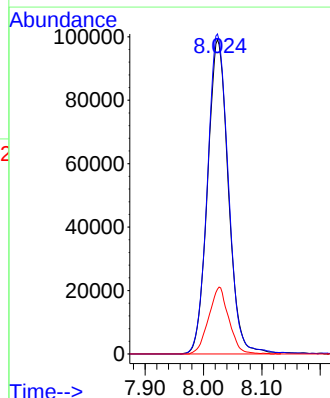
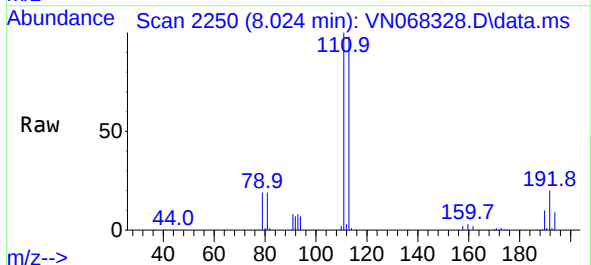
Instrument :
MSVOA_N
ClientSampled :
31113DL

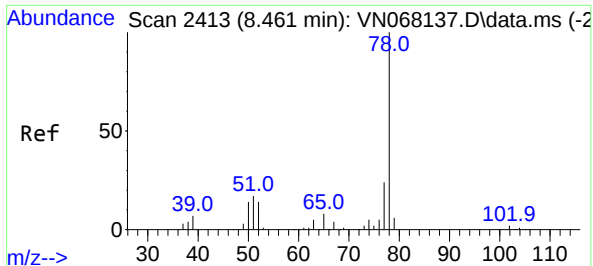
Tgt Ion:114 Resp: 809266
Ion Ratio Lower Upper
114 100
63 16.5 0.0 49.0
88 13.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.200 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion:113 Resp: 244896
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.8
192 20.6 13.4 20.0#

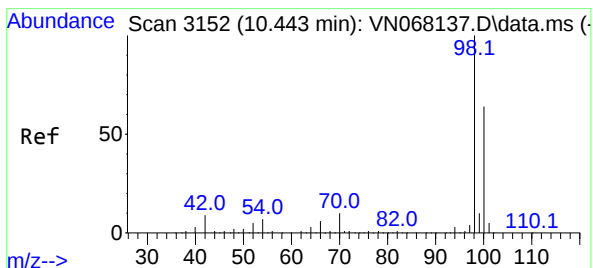
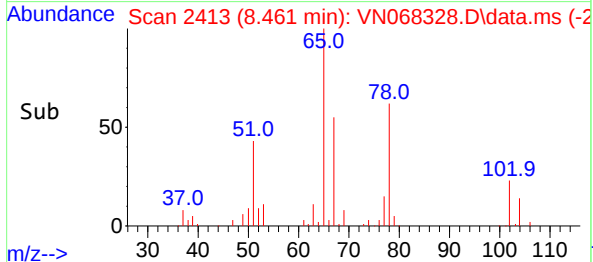
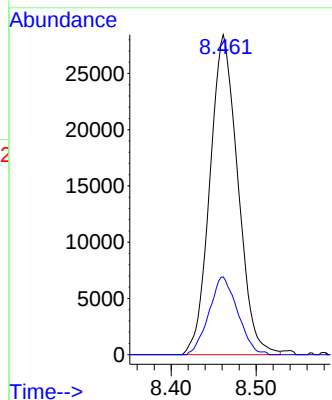
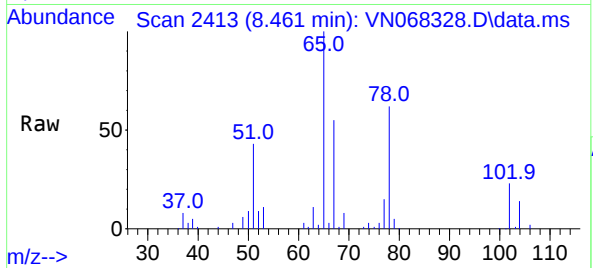




#40
Benzene
Concen: 3.220 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

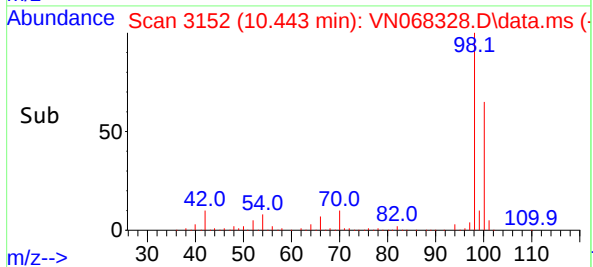
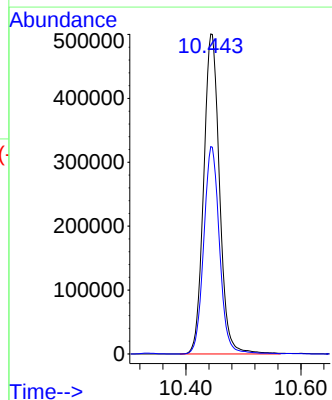
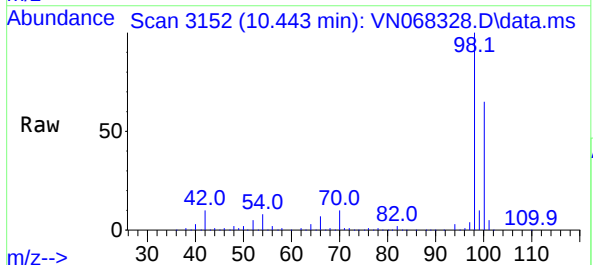
Instrument :
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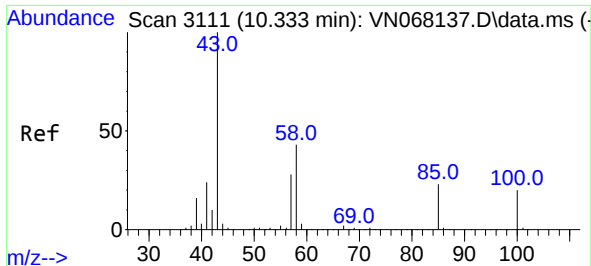
Tgt Ion: 78 Resp: 65011
Ion Ratio Lower Upper
78 100
77 24.3 18.9 28.3



#50
Toluene-d8
Concen: 49.527 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion: 98 Resp: 958814
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5

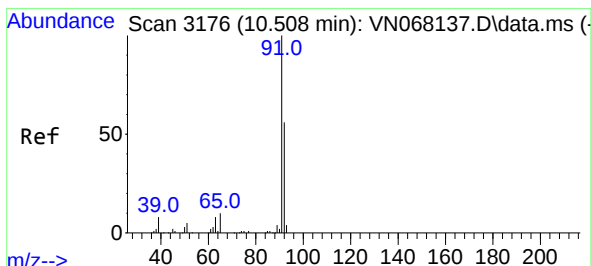
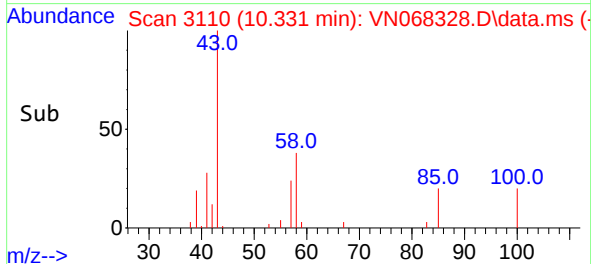
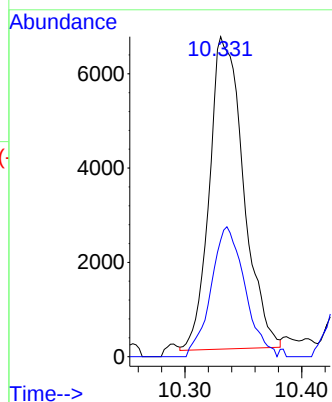
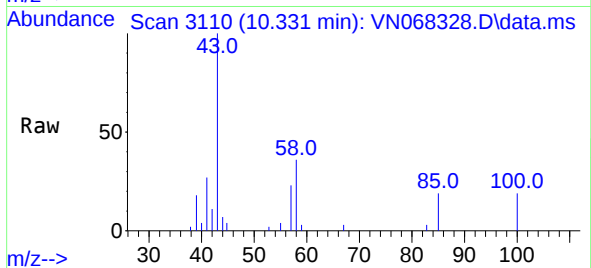




#51
4-Methyl-2-Pentanone
Concen: 2.415 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. -0.002 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

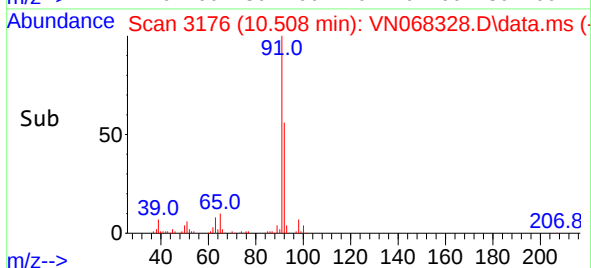
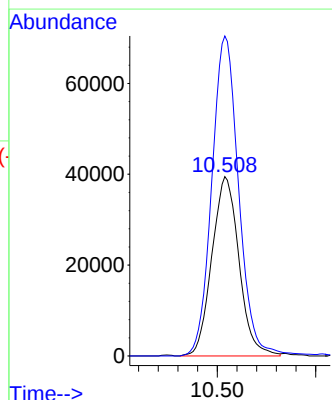
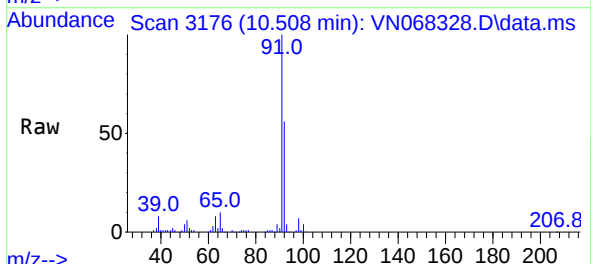
Instrument :
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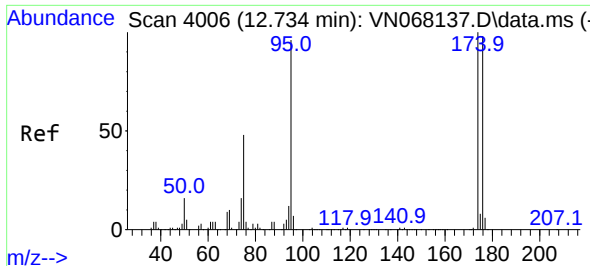
Tgt Ion: 43 Resp: 13392
Ion Ratio Lower Upper
43 100
58 41.2 28.6 43.0



#52
Toluene
Concen: 5.500 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion: 92 Resp: 75705
Ion Ratio Lower Upper
92 100
91 177.2 139.6 209.4

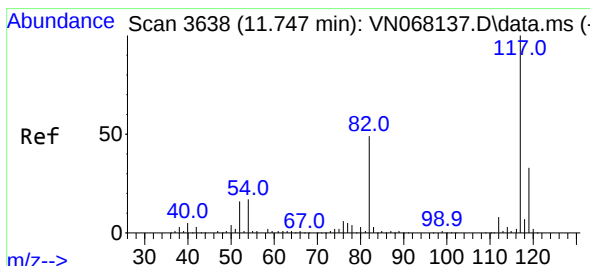
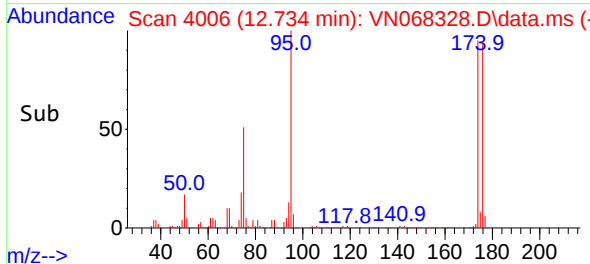
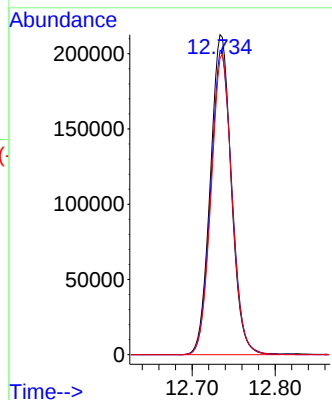
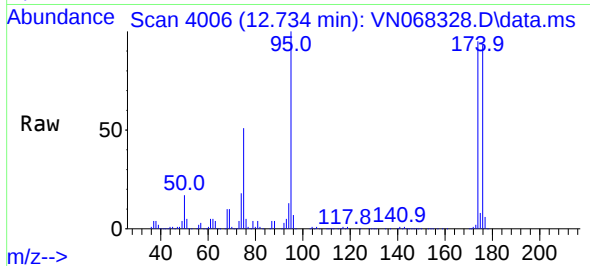




#62
4-Bromofluorobenzene
Concen: 57.768 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

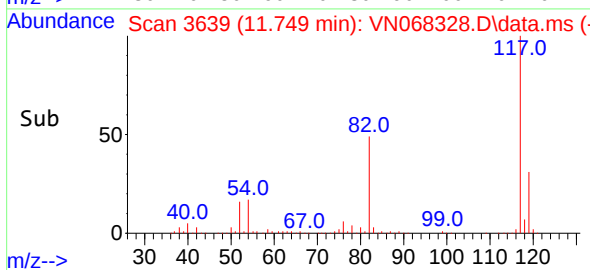
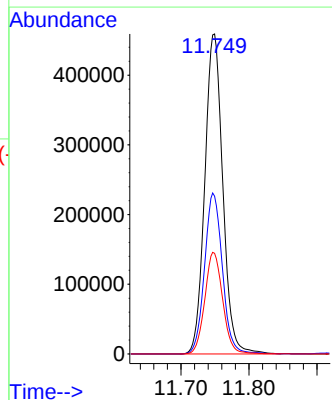
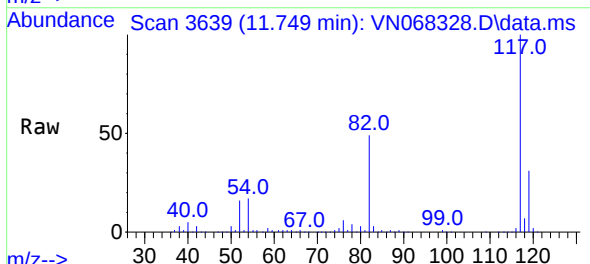
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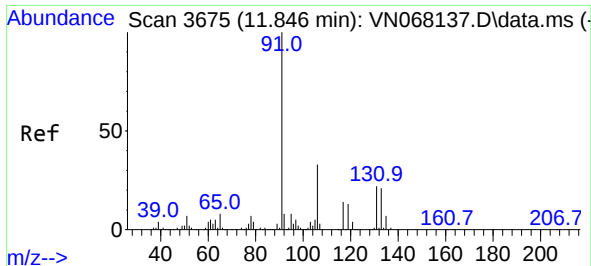
Tgt Ion: 95 Resp: 372301
Ion Ratio Lower Upper
95 100
174 96.0 0.0 122.0
176 93.1 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion: 117 Resp: 846641
Ion Ratio Lower Upper
117 100
82 49.3 53.1 79.7#
119 31.4 25.5 38.3

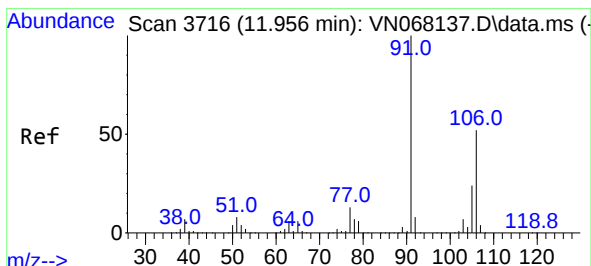
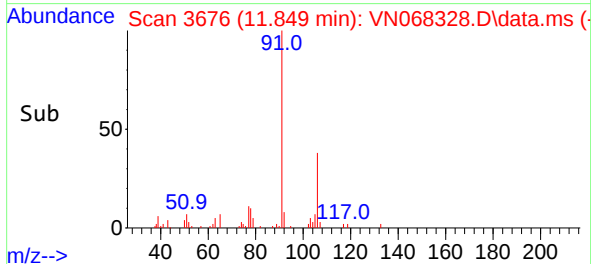
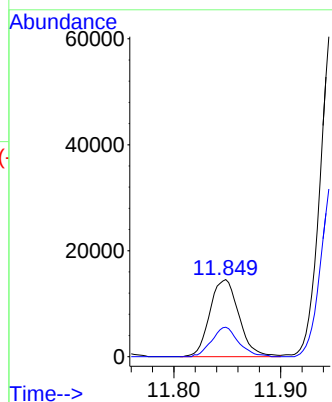
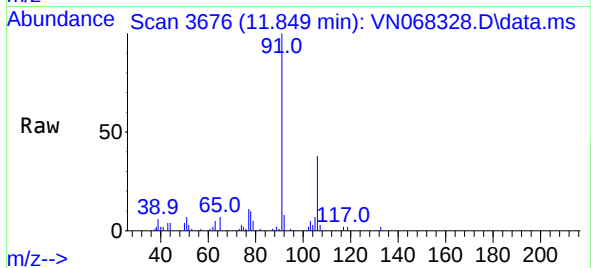




#67
Ethyl Benzene
Concen: 0.963 ug/l
RT: 11.849 min Scan# 3676
Delta R.T. 0.003 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

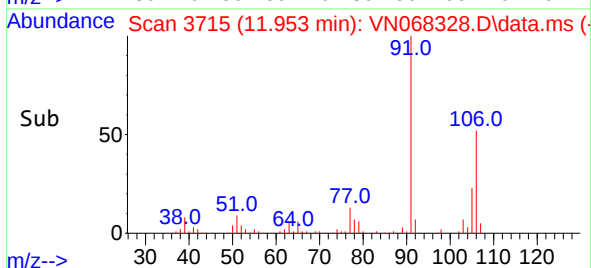
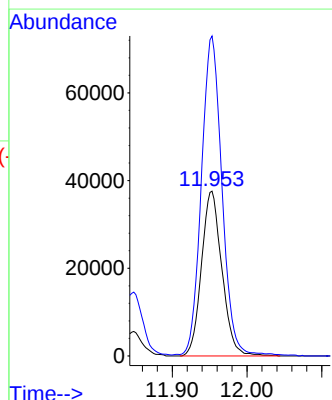
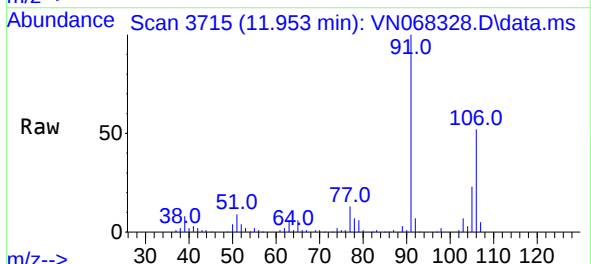
Instrument :
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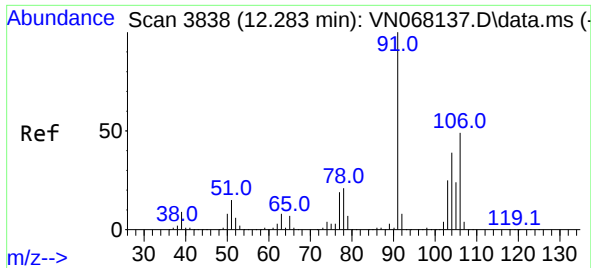
Tgt Ion: 91 Resp: 27538
Ion Ratio Lower Upper
91 100
106 38.3 23.4 35.0#



#68
m/p-Xylenes
Concen: 6.244 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion:106 Resp: 71420
Ion Ratio Lower Upper
106 100
91 193.0 180.6 270.8

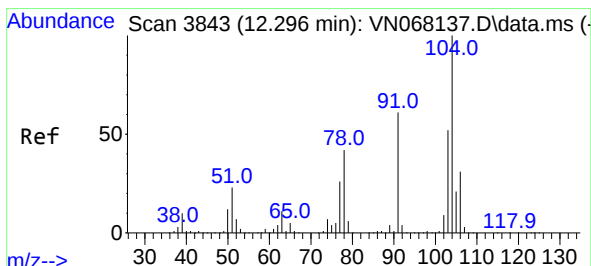
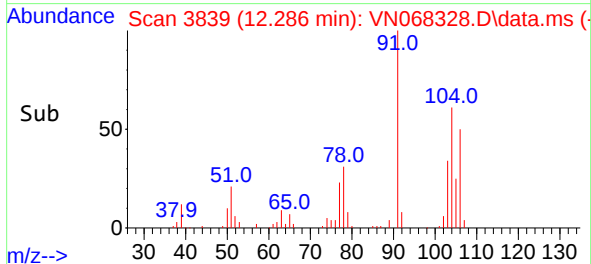
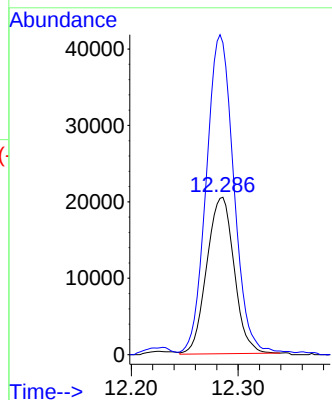
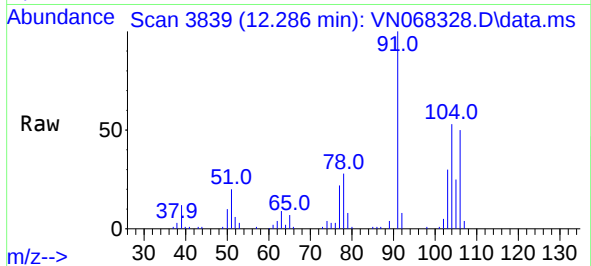




#69
o-Xylene
Concen: 3.297 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. 0.003 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

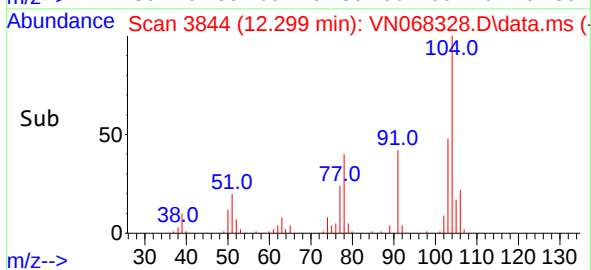
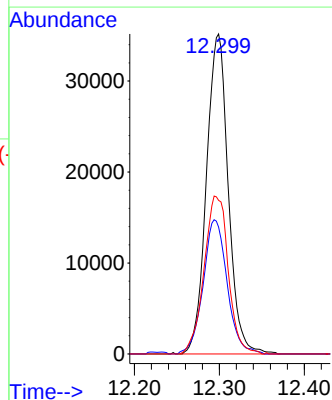
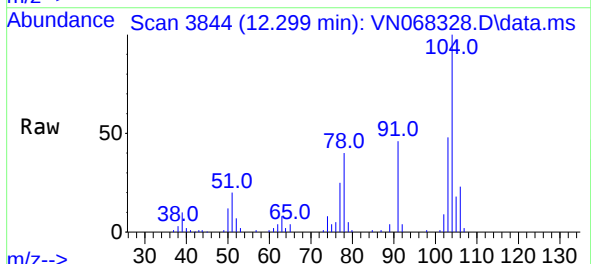
Instrument :
MSVOA_N
ClientSampled :
31113DL

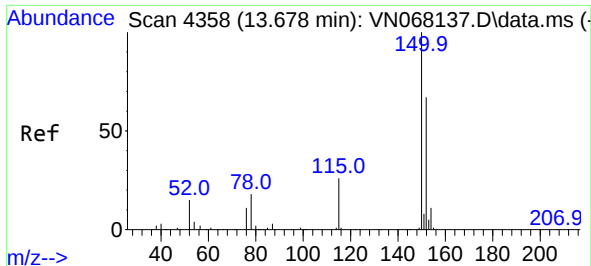
Tgt Ion:106 Resp: 36441
Ion Ratio Lower Upper
106 100
91 204.7 118.3 354.9



#70
Styrene
Concen: 3.555 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. 0.003 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion:104 Resp: 62884
Ion Ratio Lower Upper
104 100
78 46.1 48.2 72.2#
103 54.7 44.5 66.7

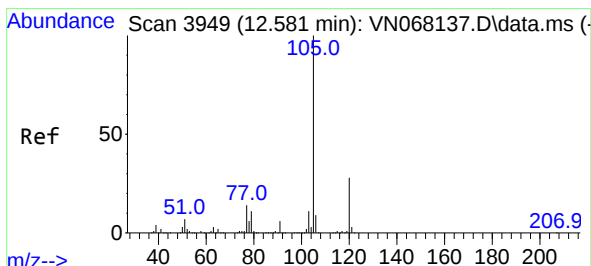
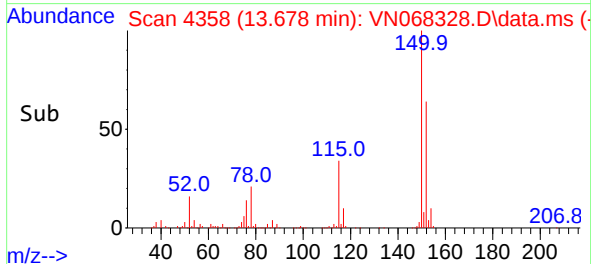
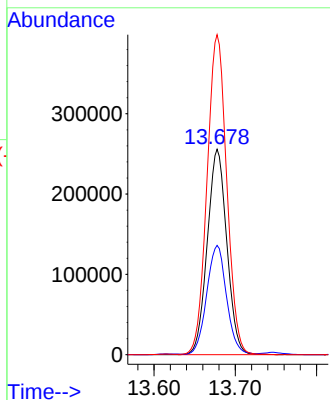
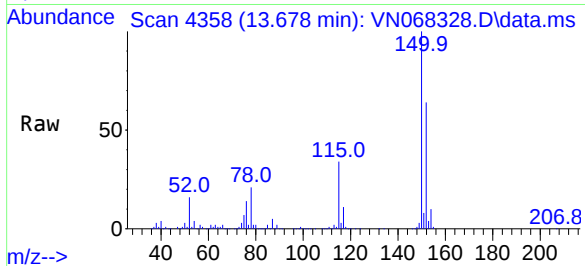




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

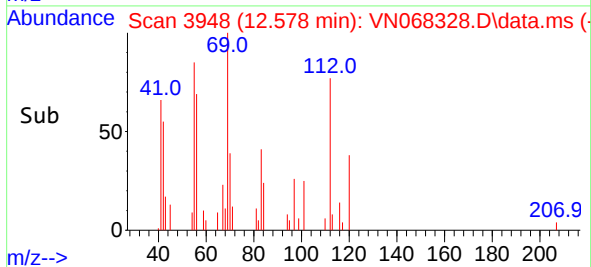
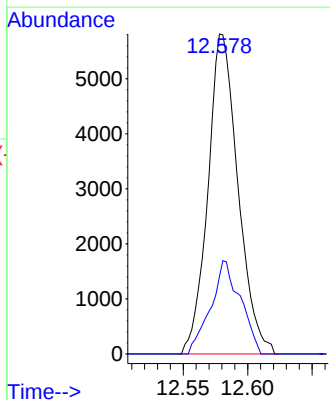
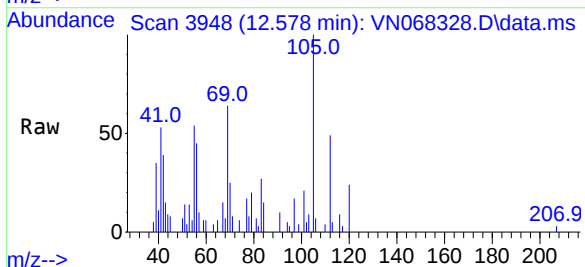
Instrument :
MSVOA_N
ClientSampleId :
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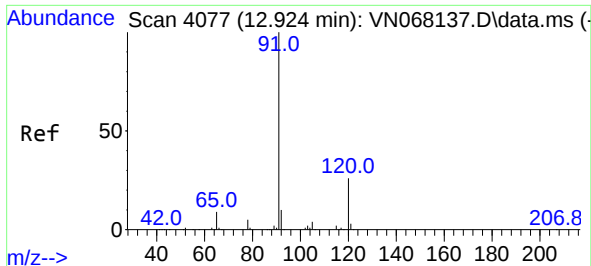
Tgt Ion:152 Resp: 427039
Ion Ratio Lower Upper
152 100
115 53.7 36.1 108.5
150 157.0 0.0 351.8



#73
Isopropylbenzene
Concen: 0.311 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion:105 Resp: 9446
Ion Ratio Lower Upper
105 100
120 28.7 12.5 37.5

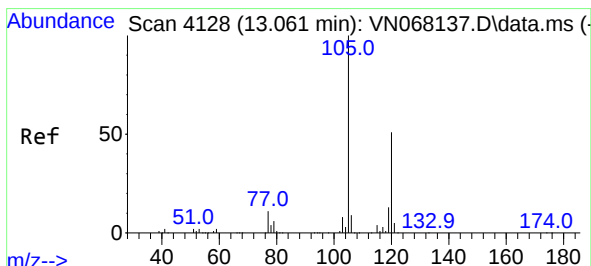
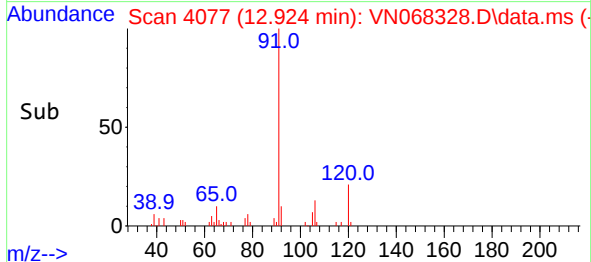
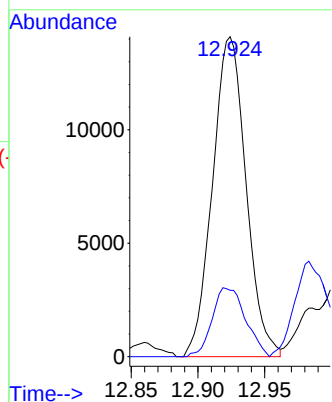
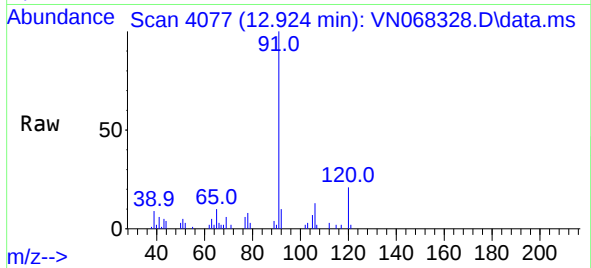




#78
n-propylbenzene
Concen: 0.756 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

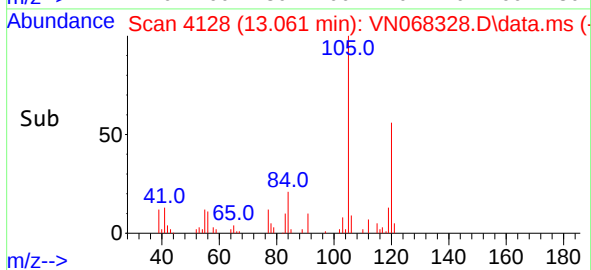
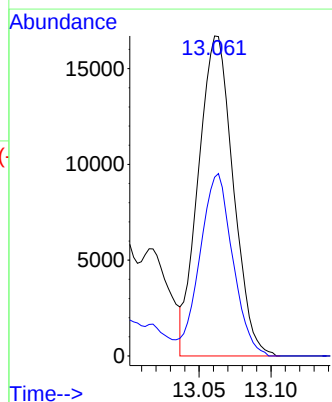
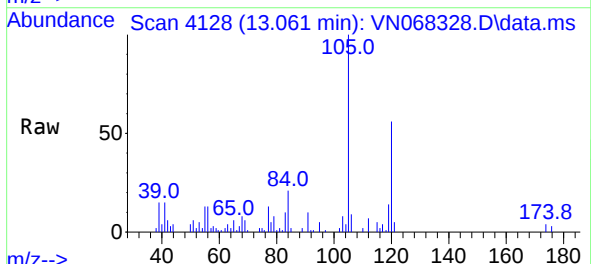
Instrument :
MSVOA_N
ClientSampled :
31113DL

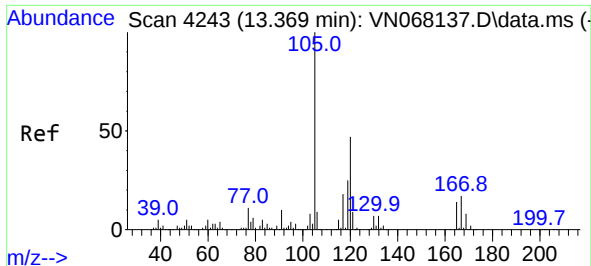
Tgt Ion: 91 Resp: 24636
Ion Ratio Lower Upper
91 100
120 21.4 10.4 31.4



#80
1,3,5-Trimethylbenzene
Concen: 1.144 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion: 105 Resp: 28117
Ion Ratio Lower Upper
105 100
120 53.9 22.2 66.6

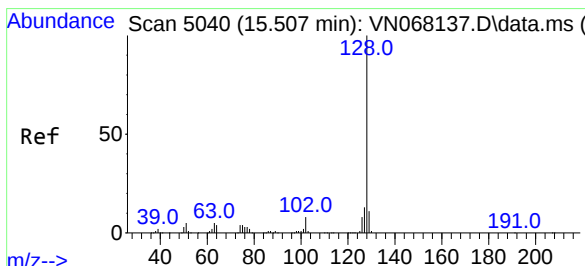
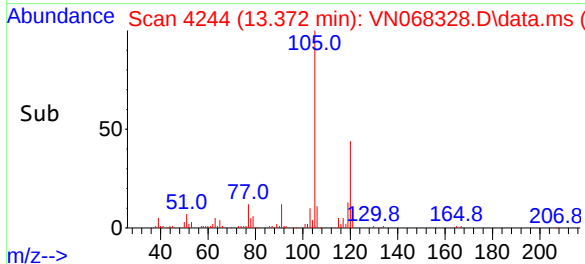
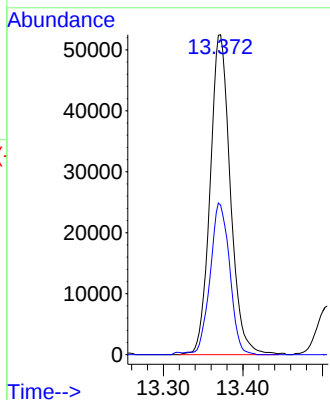
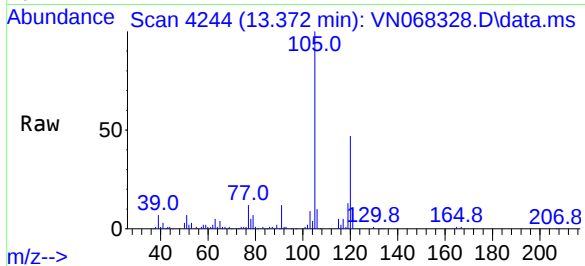




#84
1,2,4-Trimethylbenzene
Concen: 3.876 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Instrument :
MSVOA_N
ClientSampled :
31113DL

Tgt Ion:105 Resp: 92957
Ion Ratio Lower Upper
105 100
120 45.7 20.6 61.8



#95
Naphthalene
Concen: 122.916 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068328.D
Acq: 26 Aug 2021 19:07

Tgt Ion:128 Resp: 2148047
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 10.9 8.6 12.8

