

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
 Data File : VN068491.D
 Acq On : 15 Sep 2021 18:15
 Operator : JC/MD
 Sample : M3759-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31206

Quant Time: Sep 16 03:17:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 10 04:04:05 2021
 Response via : Initial Calibration

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

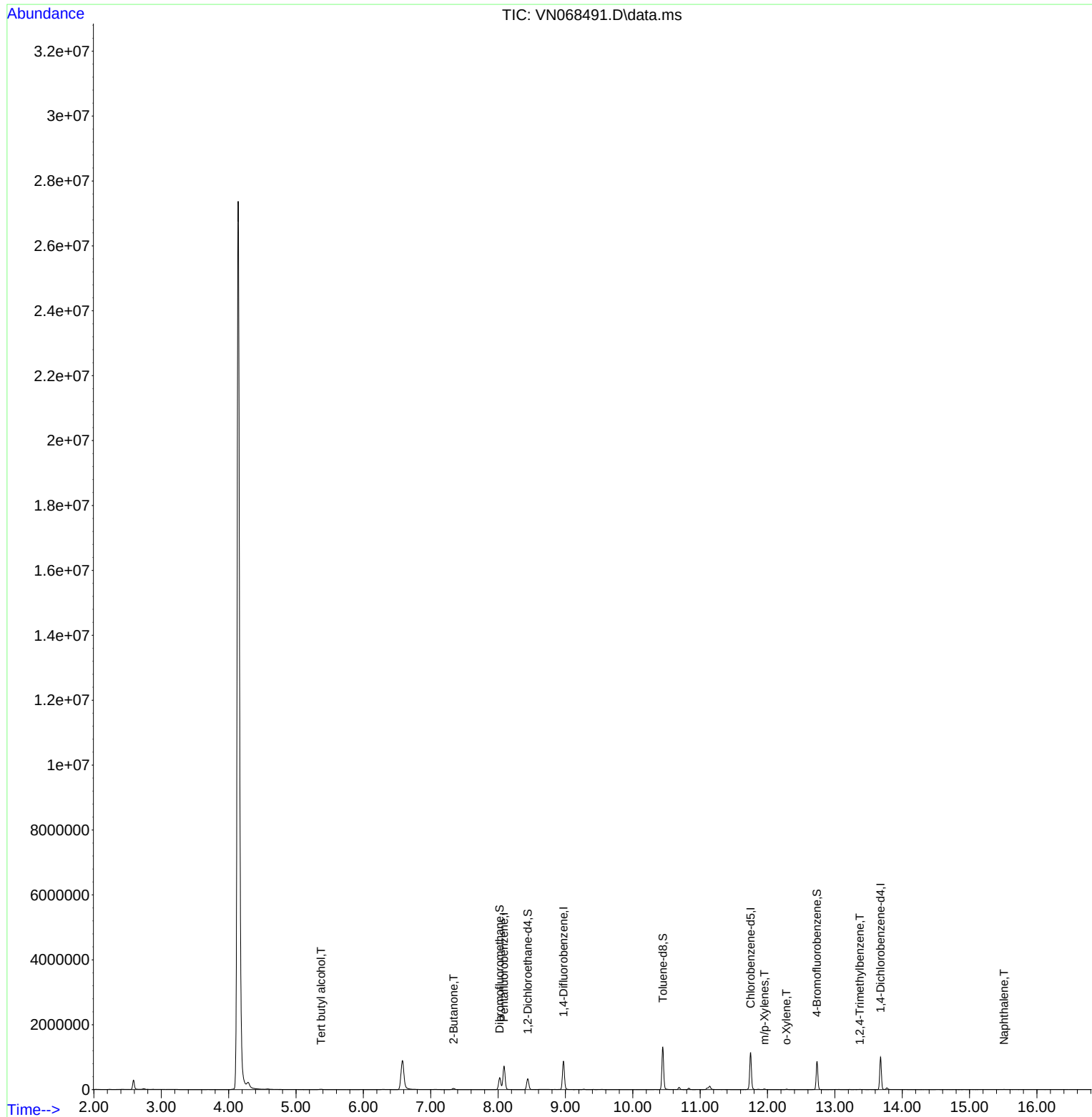
Internal Standards						
1) Pentafluorobenzene	8.088	168	629956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	866410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	748767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	312893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	280600	48.559	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.120%
35) Dibromofluoromethane	8.024	113	267164	51.126	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.260%
50) Toluene-d8	10.446	98	979075	51.580	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.160%
62) 4-Bromofluorobenzene	12.733	95	291038	47.916	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.840%
Target Compounds						Qvalue
11) Tert butyl alcohol	5.371	59	20837	13.810	ug/l	98
25) 2-Butanone	7.340	43	54989	19.583	ug/l	96
68) m/p-Xylenes	11.956	106	7096	0.700	ug/l	93
69) o-Xylene	12.280	106	3203	0.324	ug/l	91
84) 1,2,4-Trimethylbenzene	13.372	105	5349	0.308	ug/l	85
95) Naphthalene	15.509	128	5767	3.929	ug/l #	88

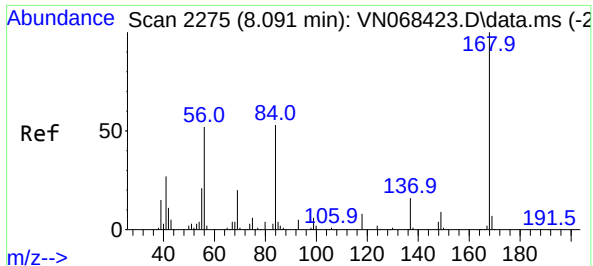
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 10 04:04:05 2021
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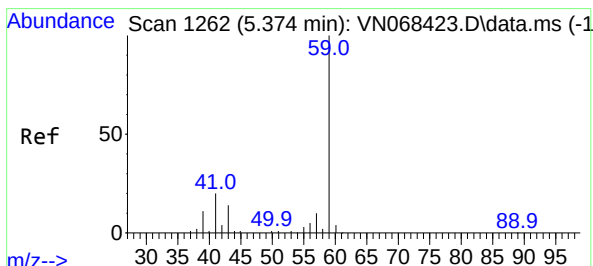
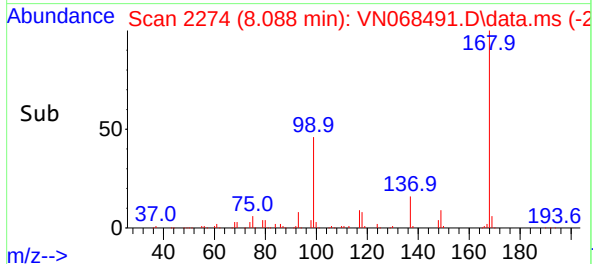
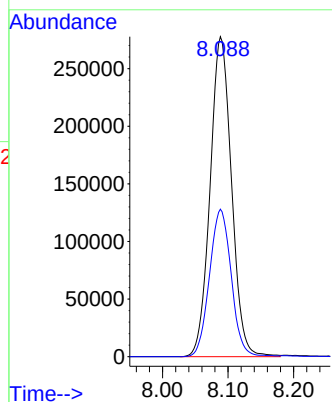
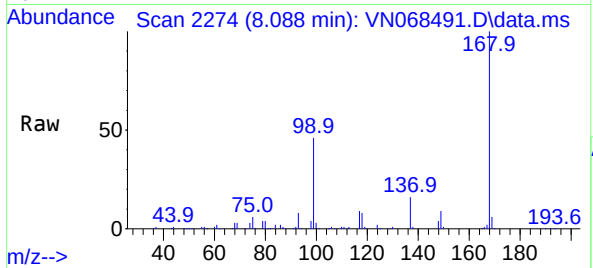




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VN068491.D
Acq: 15 Sep 2021 18:15

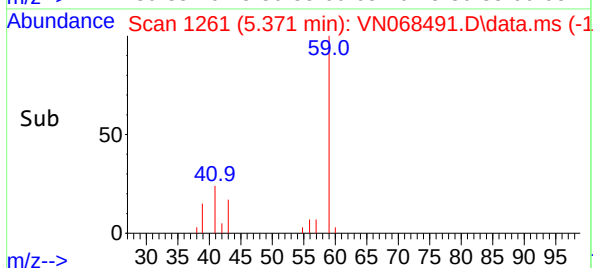
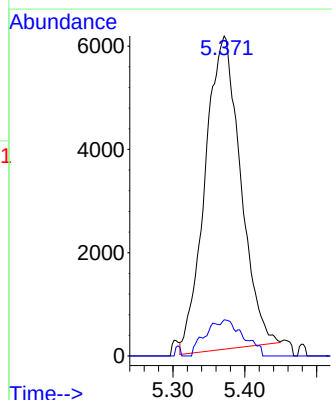
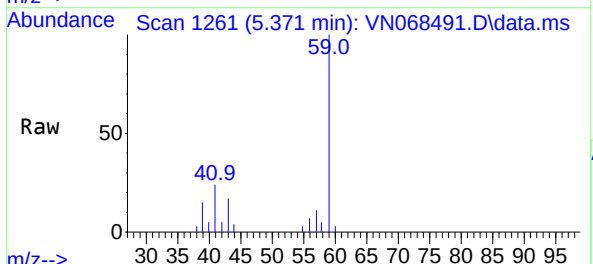
Instrument :
MSVOA_N
ClientSampled :
31206

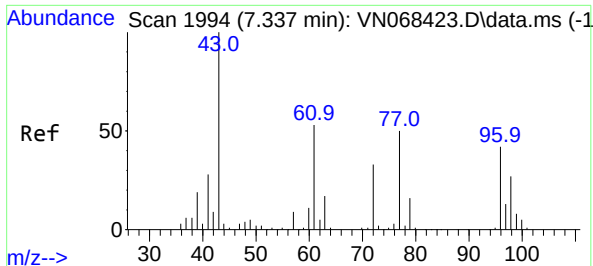
Tgt Ion:168 Resp: 629956
Ion Ratio Lower Upper
168 100
99 46.1 38.2 57.4



#11
Tert butyl alcohol
Concen: 13.810 ug/l
RT: 5.371 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VN068491.D
Acq: 15 Sep 2021 18:15

Tgt Ion: 59 Resp: 20837
Ion Ratio Lower Upper
59 100
57 4.7 4.3 6.5

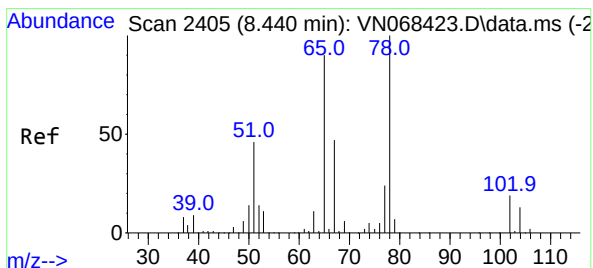
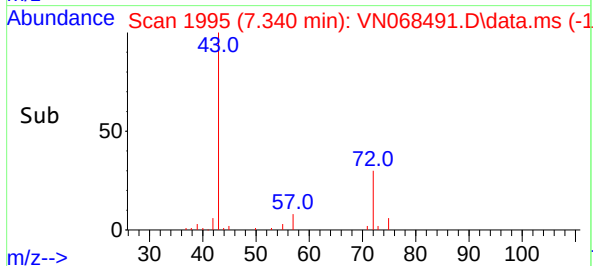
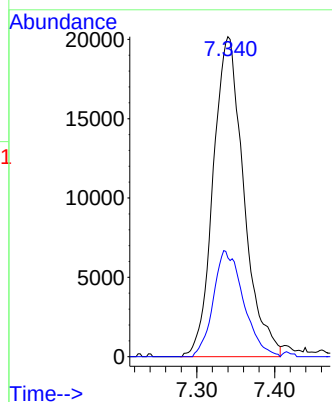
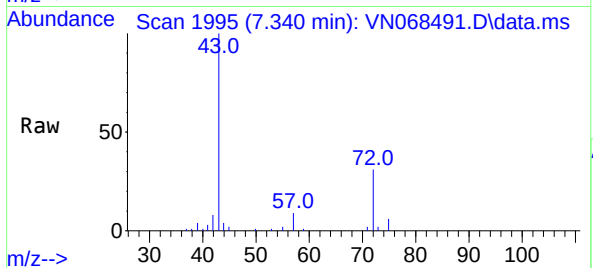




#25
2-Butanone
Concen: 19.583 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.003 min
Lab File: VN068491.D
Acq: 15 Sep 2021 18:15

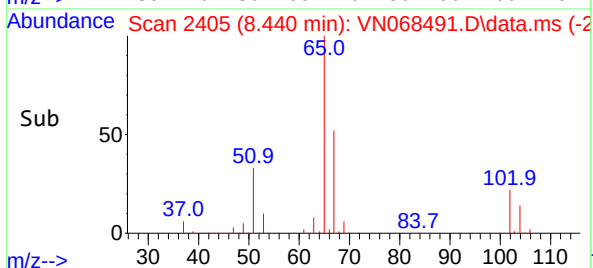
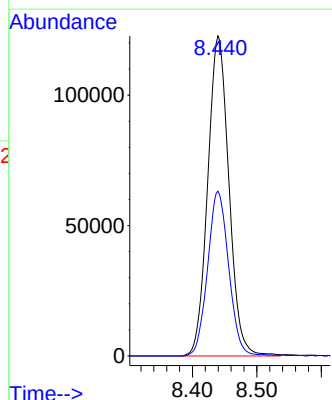
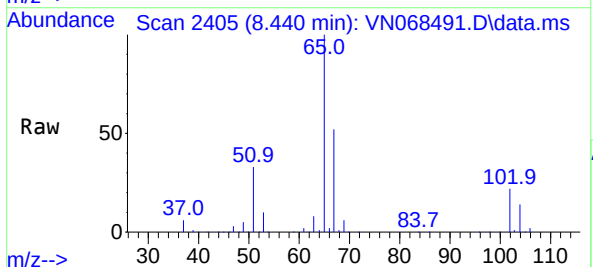
Instrument :
MSVOA_N
ClientSampled :
31206

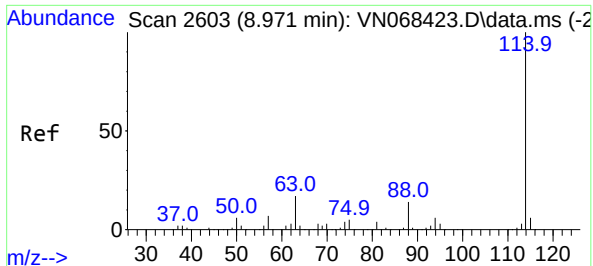
Tgt Ion: 43 Resp: 54989
Ion Ratio Lower Upper
43 100
72 30.9 26.7 40.1



#33
1,2-Dichloroethane-d4
Concen: 48.559 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068491.D
Acq: 15 Sep 2021 18:15

Tgt Ion: 65 Resp: 280600
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. -0.000 min

Lab File: VN068491.D

Acq: 15 Sep 2021 18:15

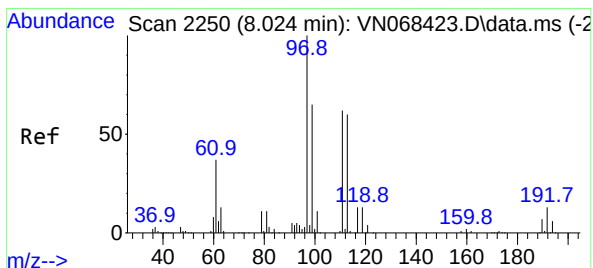
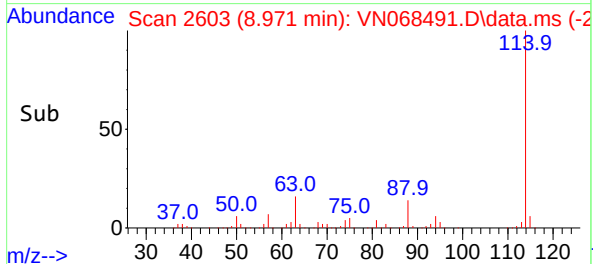
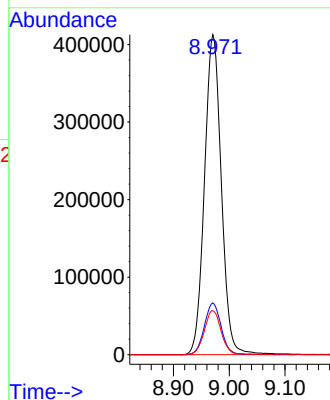
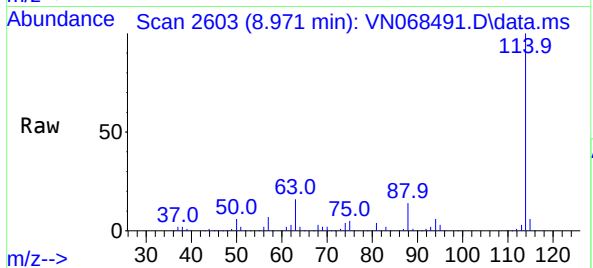
Tgt Ion:114 Resp: 866410

Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.2

88 13.7 0.0 28.4



#35

Dibromofluoromethane

Concen: 51.126 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. -0.000 min

Lab File: VN068491.D

Acq: 15 Sep 2021 18:15

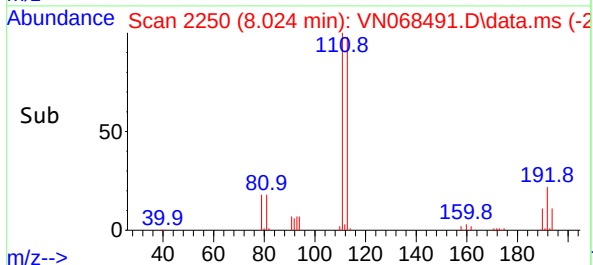
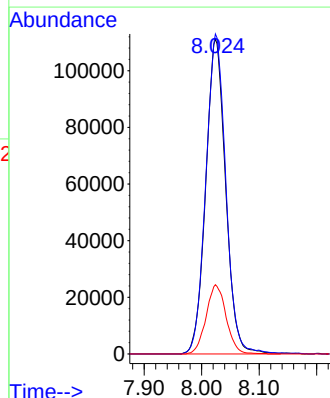
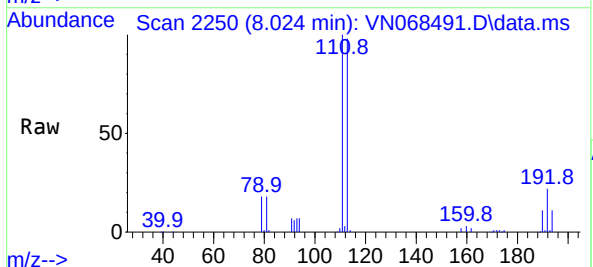
Tgt Ion:113 Resp: 267164

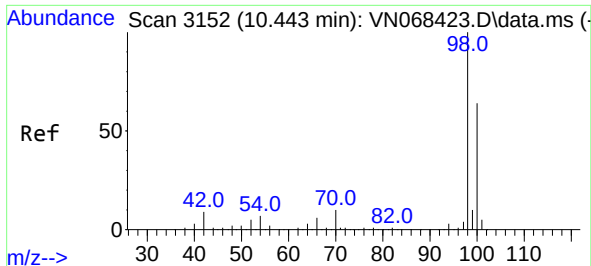
Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

192 22.2 17.7 26.5

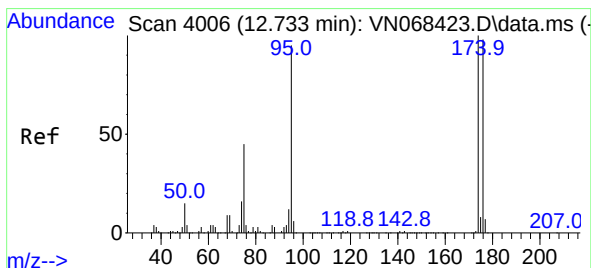
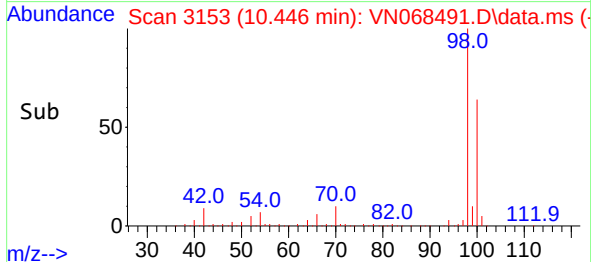
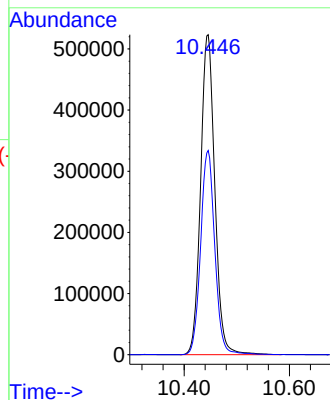
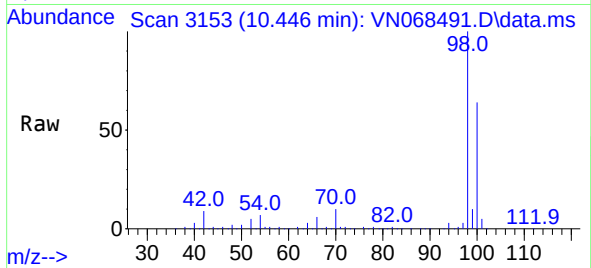




#50
Toluene-d8
Concen: 51.580 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068491.D
Acq: 15 Sep 2021 18:15

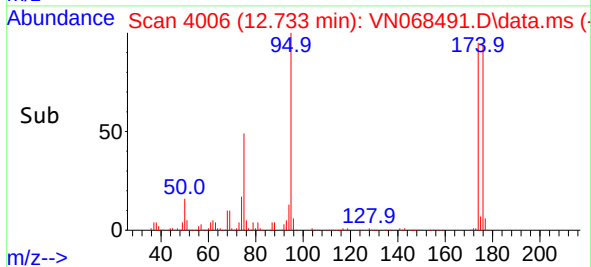
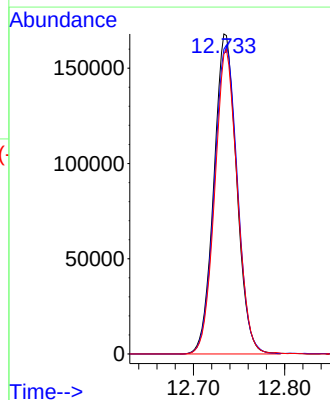
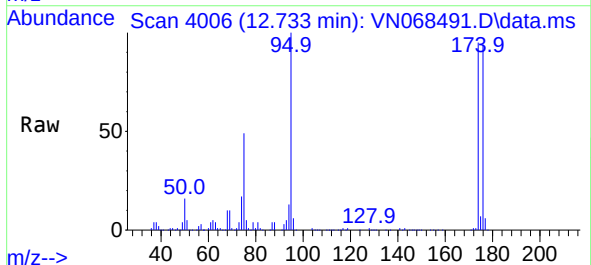
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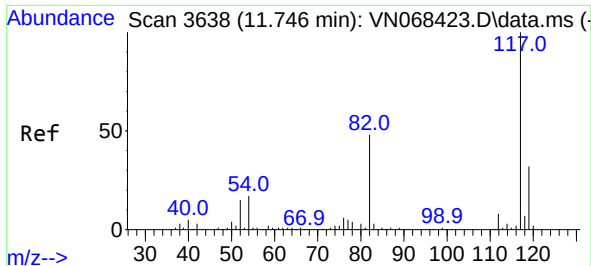
Tgt Ion: 98 Resp: 979075
Ion Ratio Lower Upper
98 100
100 63.8 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 47.916 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068491.D
Acq: 15 Sep 2021 18:15

Tgt Ion: 95 Resp: 291038
Ion Ratio Lower Upper
95 100
174 98.1 0.0 214.0
176 94.0 0.0 205.4

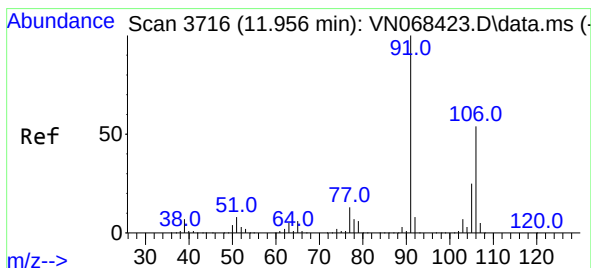
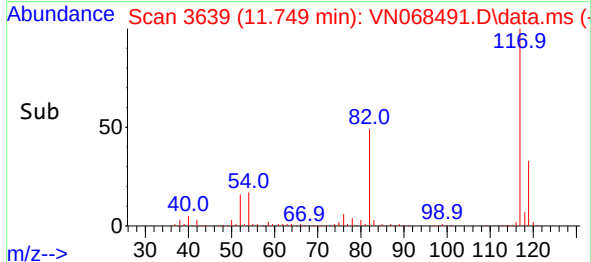
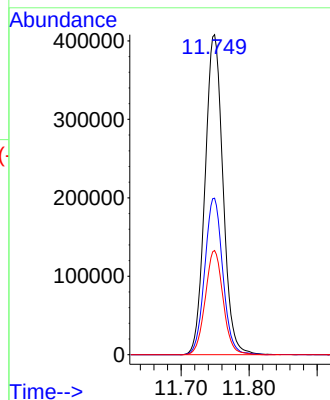
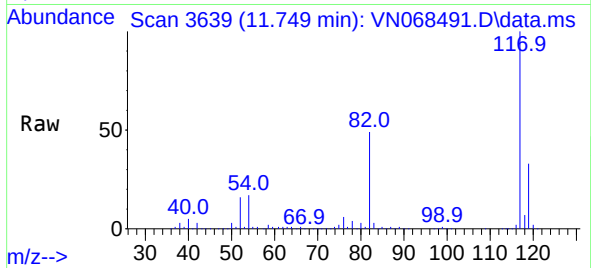




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068491.D
Acq: 15 Sep 2021 18:15

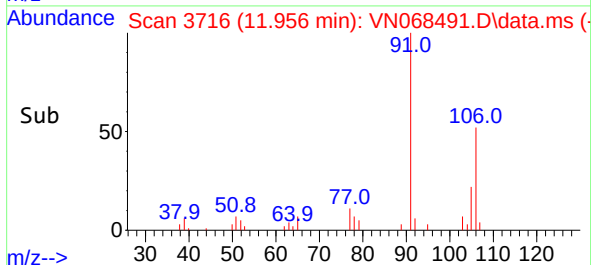
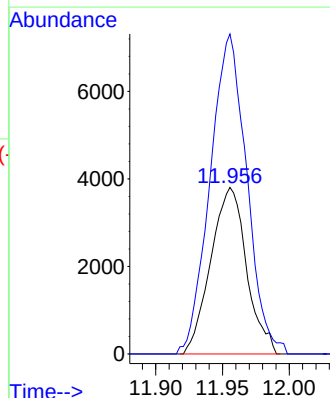
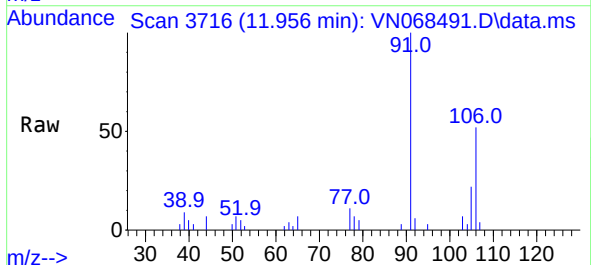
Instrument :
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ClientSampleId :
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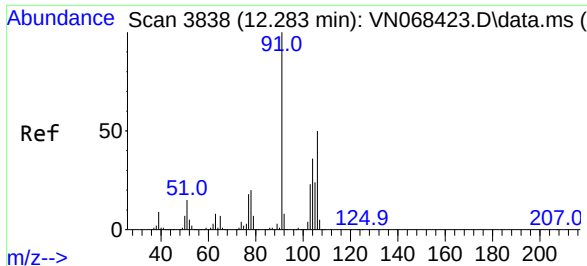
Tgt Ion:117 Resp: 748767
Ion Ratio Lower Upper
117 100
82 48.9 38.7 58.1
119 32.6 25.5 38.3



#68
m/p-Xylenes
Concen: 0.700 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN068491.D
Acq: 15 Sep 2021 18:15

Tgt Ion:106 Resp: 7096
Ion Ratio Lower Upper
106 100
91 196.4 149.5 224.3

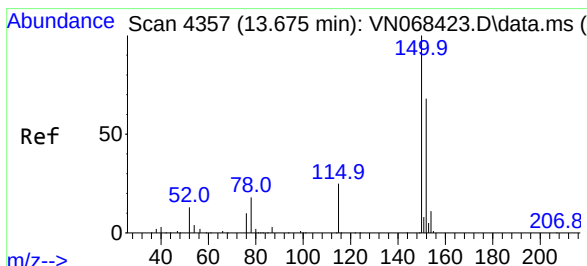
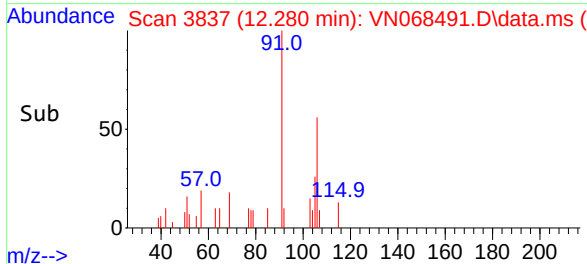
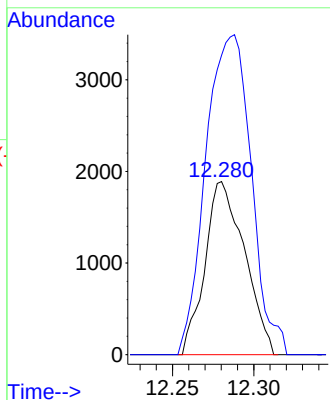
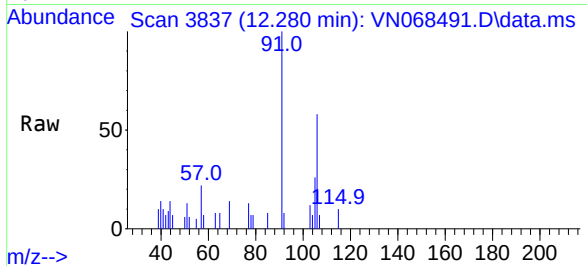




#69
o-Xylene
Concen: 0.324 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN068491.D
Acq: 15 Sep 2021 18:15

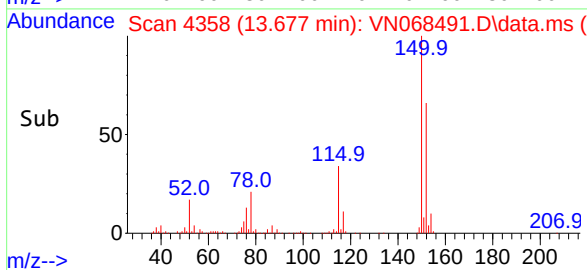
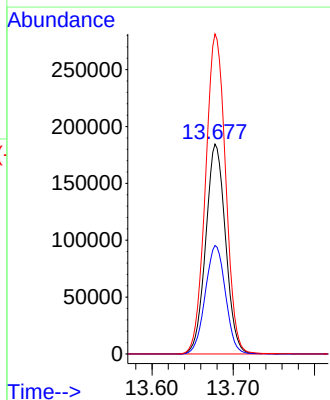
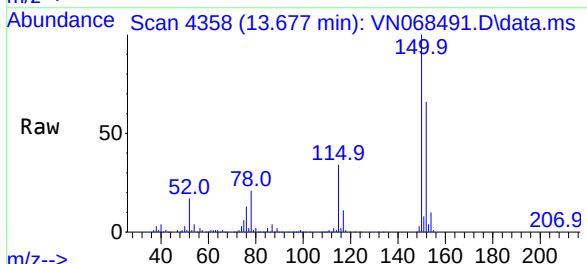
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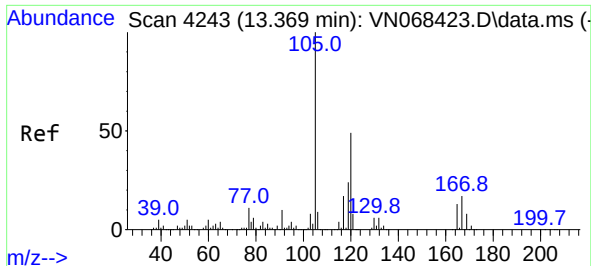
Tgt Ion:106 Resp: 3203
Ion Ratio Lower Upper
106 100
91 212.0 99.3 297.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068491.D
Acq: 15 Sep 2021 18:15

Tgt Ion:152 Resp: 312893
Ion Ratio Lower Upper
152 100
115 52.8 25.6 76.6
150 154.6 0.0 346.8

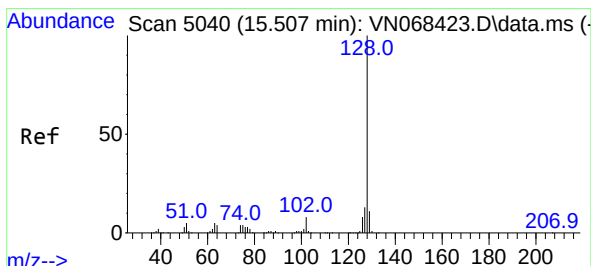
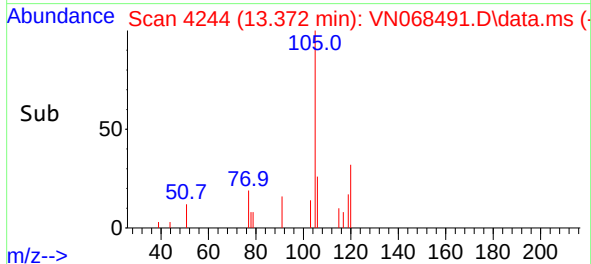
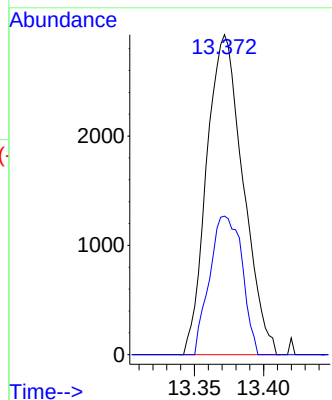
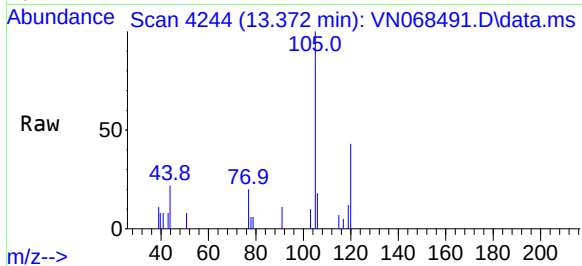




#84
1,2,4-Trimethylbenzene
Concen: 0.308 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN068491.D
Acq: 15 Sep 2021 18:15

Instrument :
MSVOA_N
ClientSampled :
31206

Tgt Ion:105 Resp: 5349
Ion Ratio Lower Upper
105 100
120 38.5 24.3 72.9



#95
Naphthalene
Concen: 3.929 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068491.D
Acq: 15 Sep 2021 18:15

Tgt Ion:128 Resp: 5767
Ion Ratio Lower Upper
128 100
127 11.4 10.6 15.8
129 2.8 8.6 13.0#

