

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
 Data File : VN068493.D
 Acq On : 15 Sep 2021 19:06
 Operator : JC/MD
 Sample : M3759-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31208

Quant Time: Sep 16 03:18:32 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)

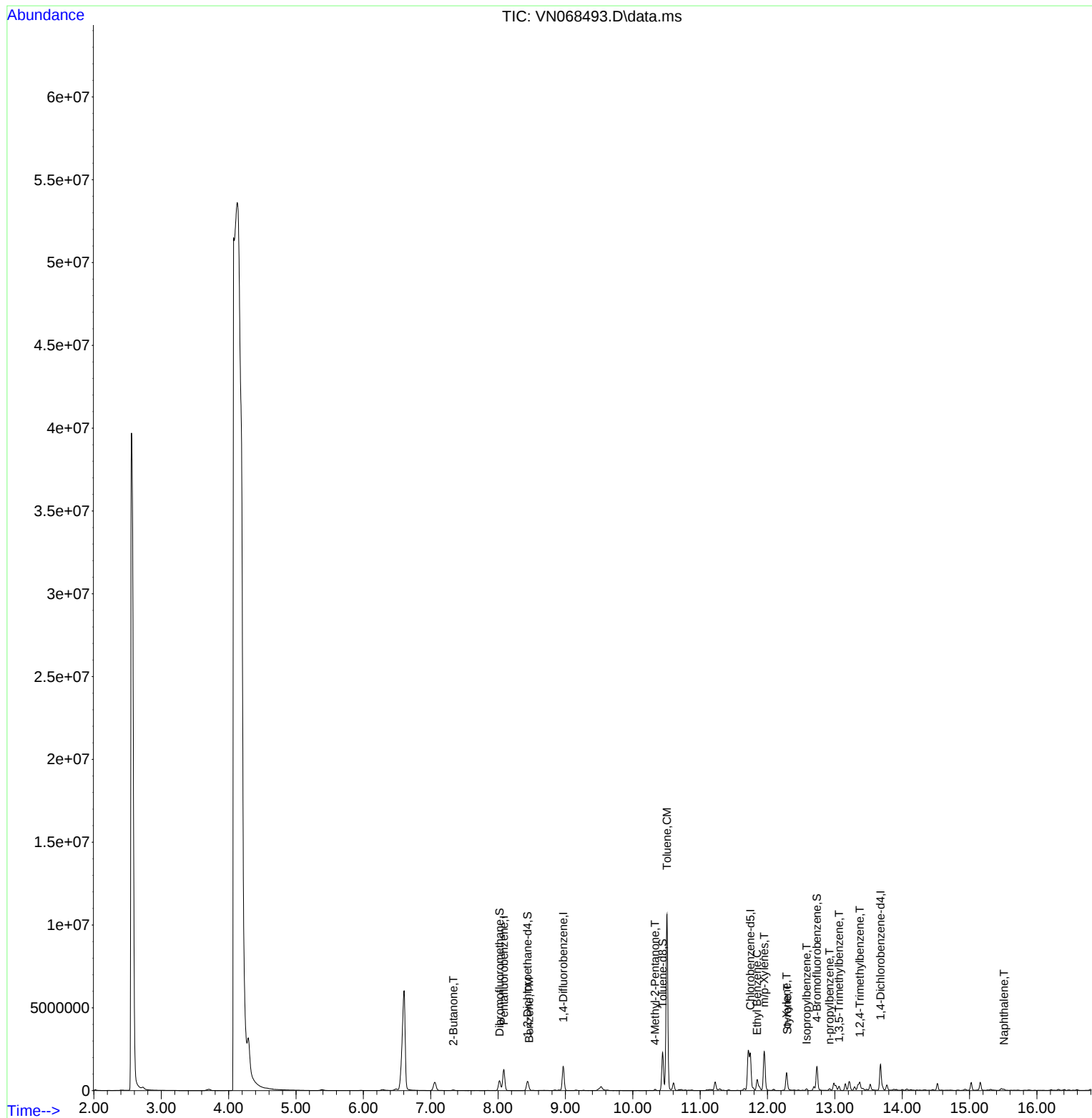
Internal Standards						
1) Pentafluorobenzene	8.086	168	1132732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1432999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1193838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	488128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	438213	42.174	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	84.340%
35) Dibromofluoromethane	8.021	113	428593	49.589	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.180%
50) Toluene-d8	10.443	98	1597367	50.880	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.760%
62) 4-Bromofluorobenzene	12.734	95	436580	43.458	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.920%
Target Compounds						
					Qvalue	
25) 2-Butanone	7.335	43	63972	12.670	ug/l	99
40) Benzene	8.461	78	70653	1.998	ug/l	93
51) 4-Methyl-2-Pentanone	10.330	43	45971	5.023	ug/l	99
52) Toluene	10.507	92	4910445	209.278	ug/l	99
67) Ethyl Benzene	11.846	91	464705	11.577	ug/l	99
68) m/p-Xylenes	11.950	106	852176	52.724	ug/l	99
69) o-Xylene	12.283	106	294136	18.677	ug/l	100
70) Styrene	12.294	104	78793	3.301	ug/l #	47
73) Isopropylbenzene	12.581	105	29489	0.849	ug/l	99
78) n-propylbenzene	12.921	91	79844	2.178	ug/l	100
80) 1,3,5-Trimethylbenzene	13.063	105	143273	5.079	ug/l	96
84) 1,2,4-Trimethylbenzene	13.369	105	281069	10.389	ug/l	98
95) Naphthalene	15.509	128	64700	6.611	ug/l	98

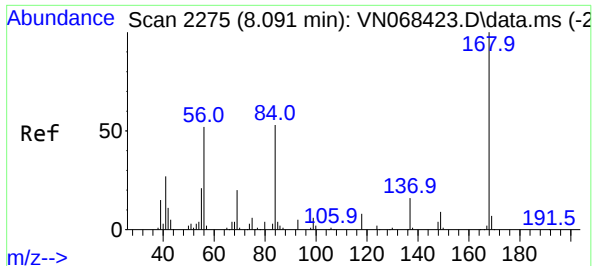
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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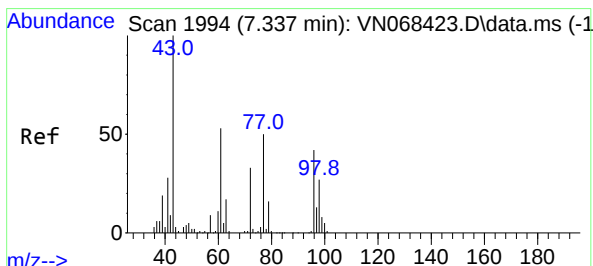
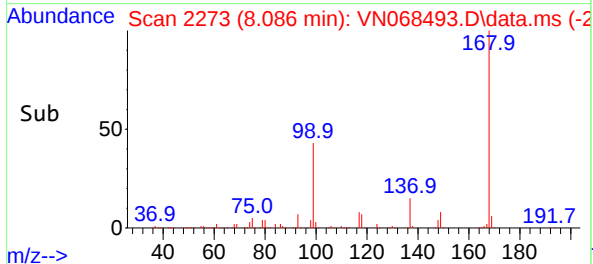
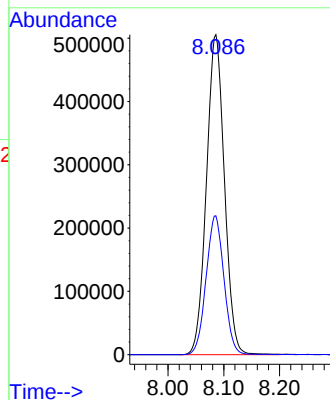
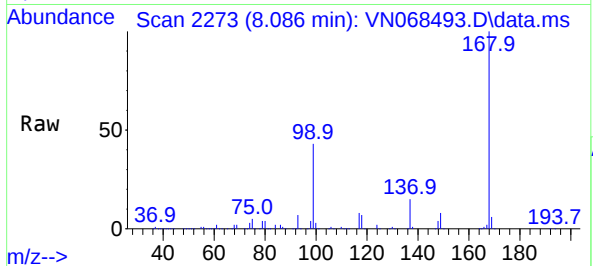




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.005 min
Lab File: VN068493.D
Acq: 15 Sep 2021 19:06

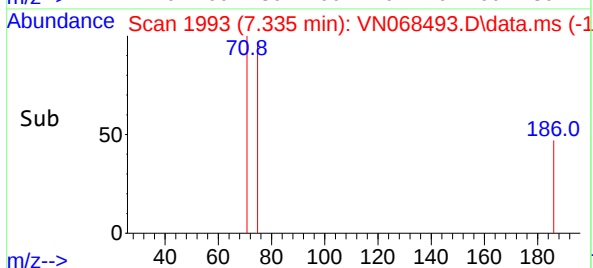
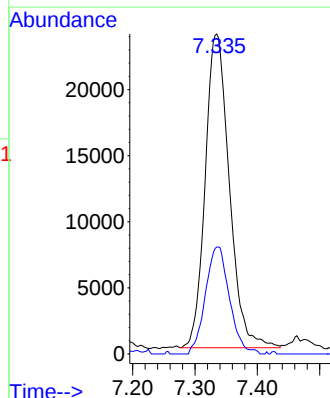
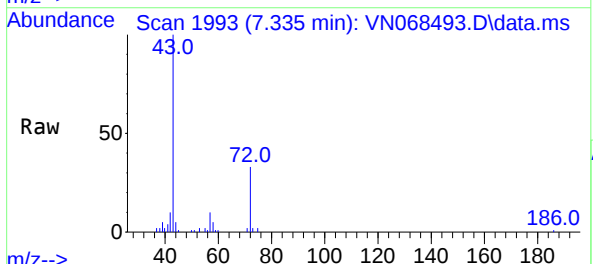
Instrument :
MSVOA_N
ClientSampled :
31208

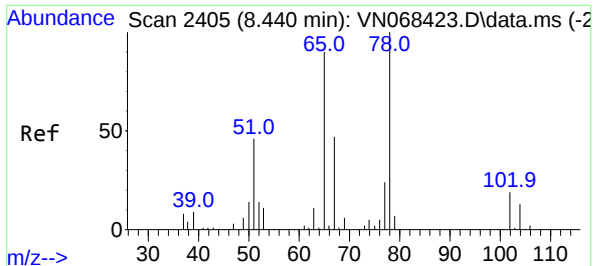
Tgt Ion:168 Resp: 1132732
Ion Ratio Lower Upper
168 100
99 43.4 38.2 57.4



#25
2-Butanone
Concen: 12.670 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.003 min
Lab File: VN068493.D
Acq: 15 Sep 2021 19:06

Tgt Ion: 43 Resp: 63972
Ion Ratio Lower Upper
43 100
72 34.0 26.7 40.1



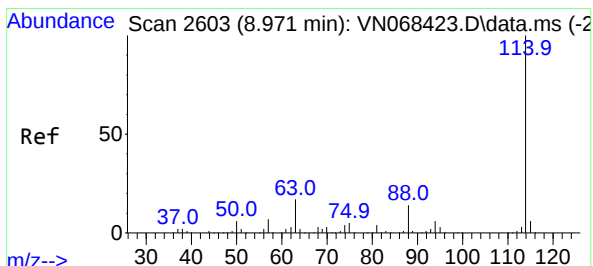
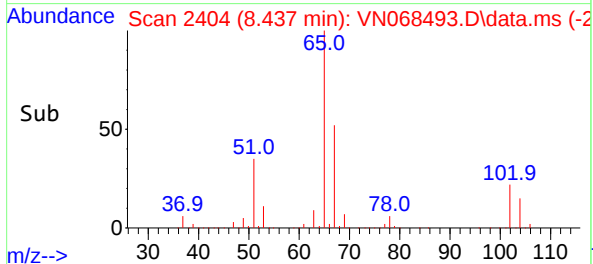
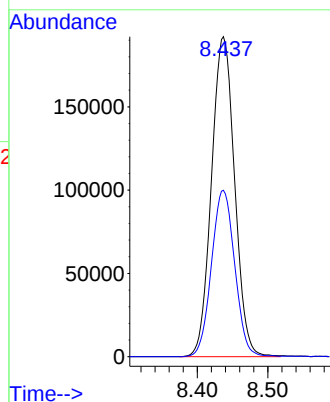
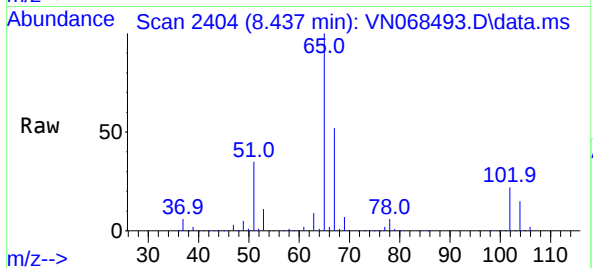


#33

1,2-Dichloroethane-d4
Concen: 42.174 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN068493.D
Acq: 15 Sep 2021 19:06

Instrument :
MSVOA_N
ClientSampled :
31208

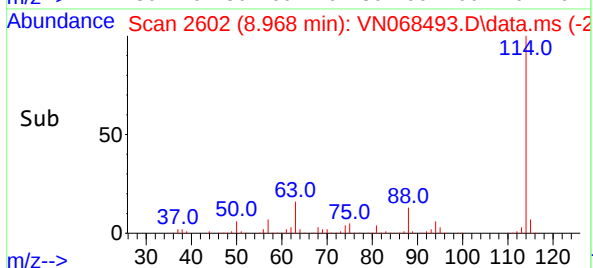
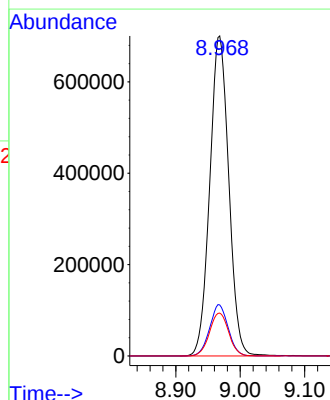
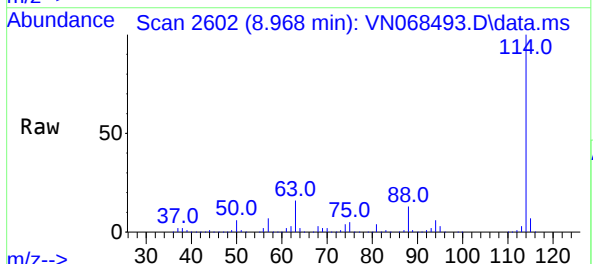
Tgt Ion: 65 Resp: 438213
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.0

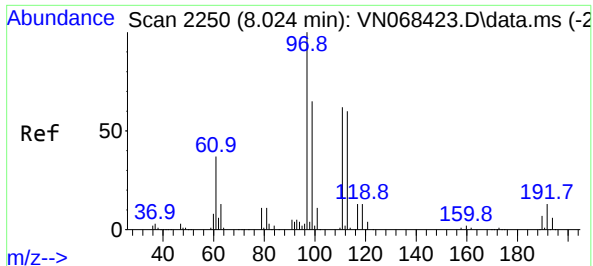


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN068493.D
Acq: 15 Sep 2021 19:06

Tgt Ion: 114 Resp: 1432999
Ion Ratio Lower Upper
114 100
63 16.0 0.0 33.2
88 13.4 0.0 28.4



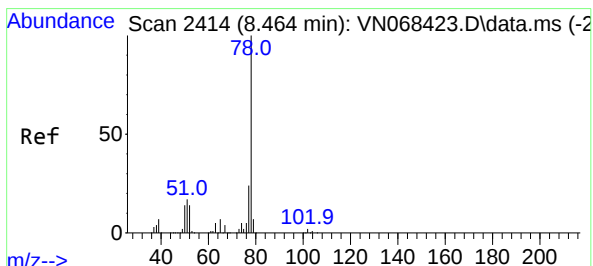
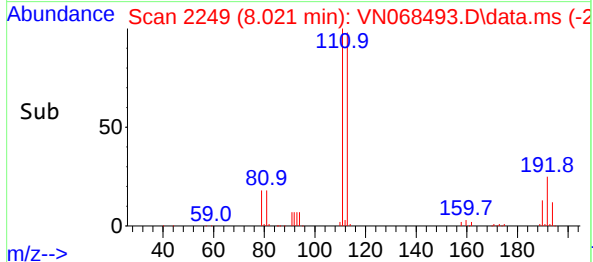
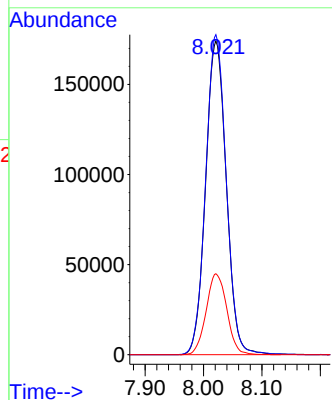
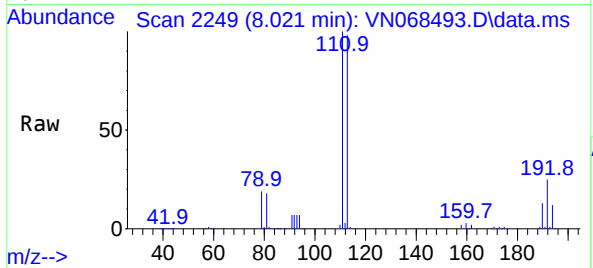


#35
Dibromofluoromethane
Concen: 49.589 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN068493.D
Acq: 15 Sep 2021 19:06

Instrument :
MSVOA_N
ClientSampled :
31208

Tgt Ion:113 Resp: 428593

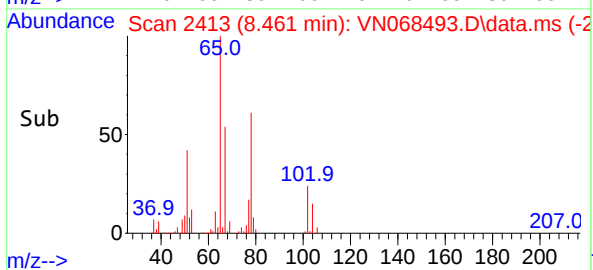
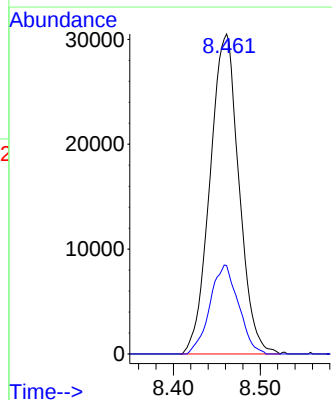
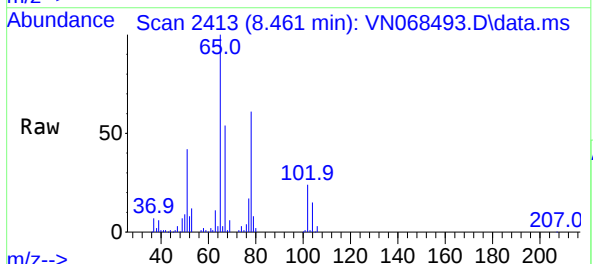
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.1	121.7
192	25.8	17.7	26.5

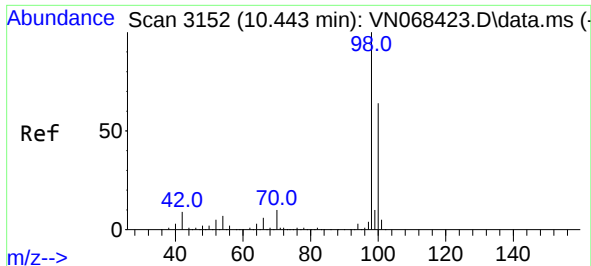


#40
Benzene
Concen: 1.998 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.003 min
Lab File: VN068493.D
Acq: 15 Sep 2021 19:06

Tgt Ion: 78 Resp: 70653

Ion	Ratio	Lower	Upper
78	100		
77	27.6	19.3	28.9

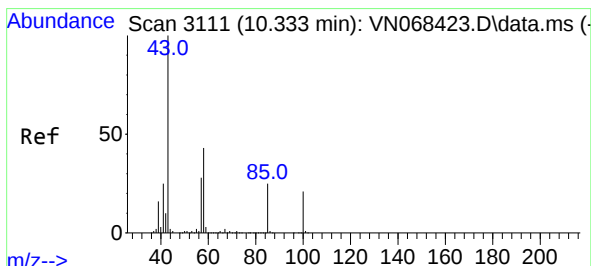
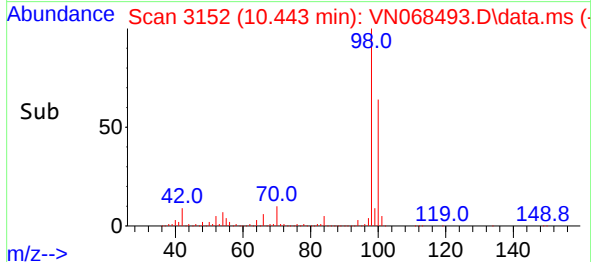
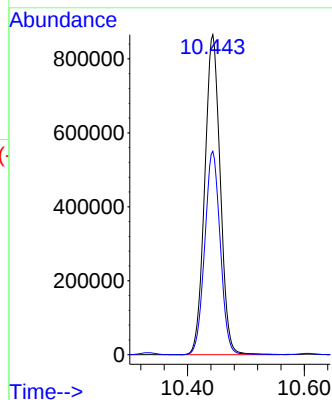
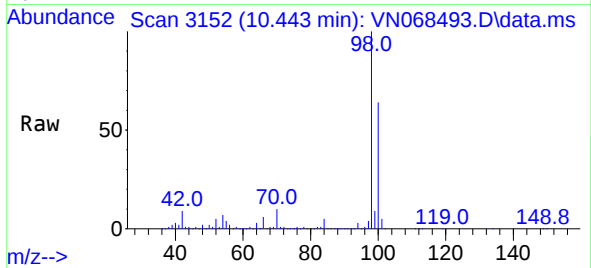




#50
Toluene-d8
Concen: 50.880 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068493.D
Acq: 15 Sep 2021 19:06

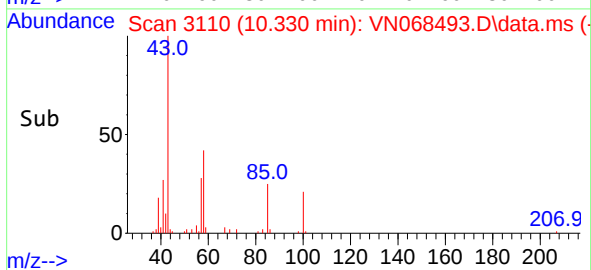
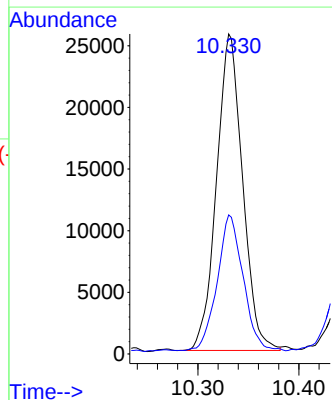
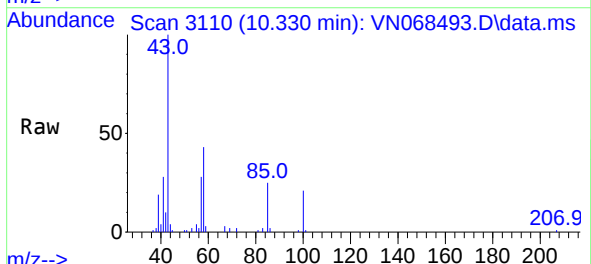
Instrument :
MSVOA_N
ClientSampled :
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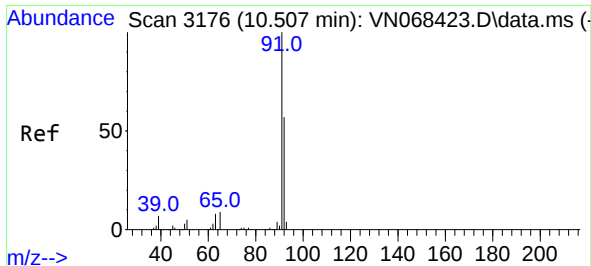
Tgt Ion: 98 Resp: 1597367
Ion Ratio Lower Upper
98 100
100 63.7 51.0 76.6



#51
4-Methyl-2-Pentanone
Concen: 5.023 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN068493.D
Acq: 15 Sep 2021 19:06

Tgt Ion: 43 Resp: 45971
Ion Ratio Lower Upper
43 100
58 42.5 34.3 51.5

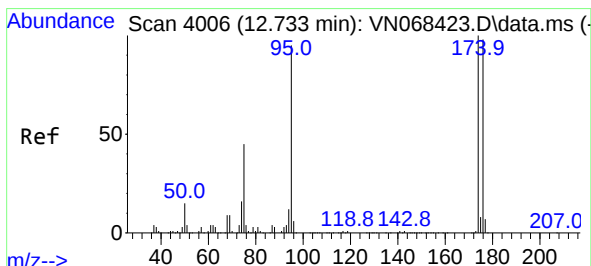
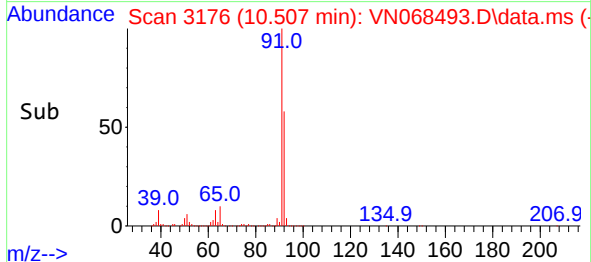
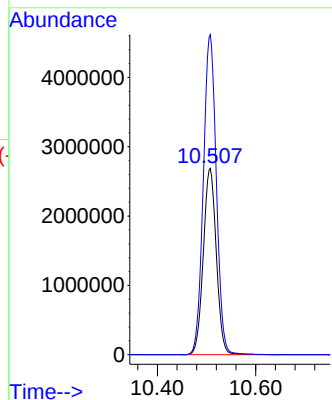
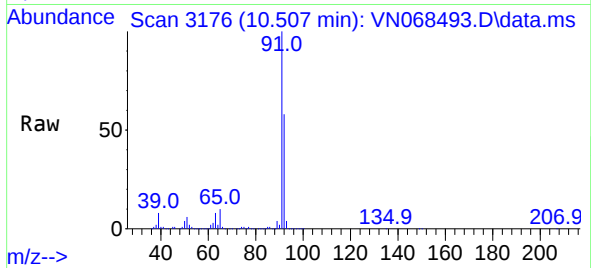




#52
Toluene
Concen: 209.278 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068493.D
Acq: 15 Sep 2021 19:06

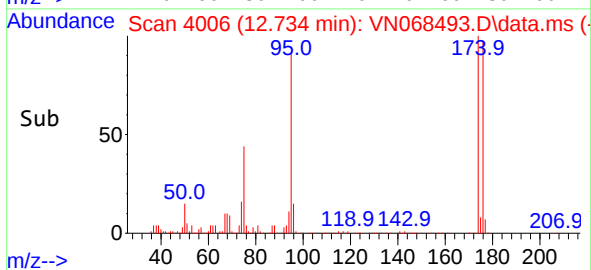
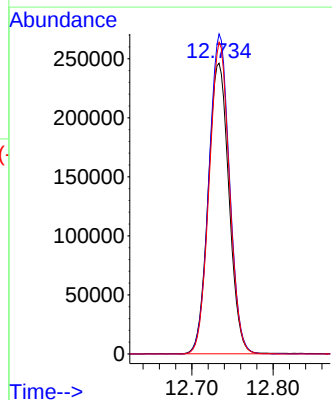
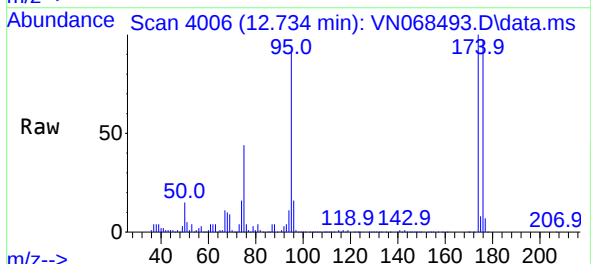
Instrument :
MSVOA_N
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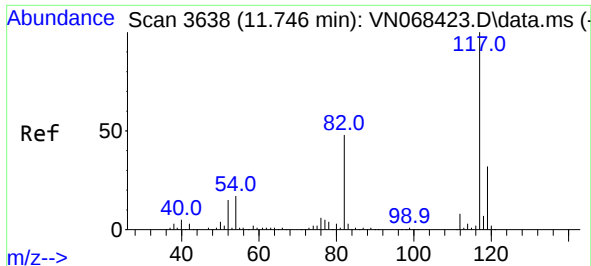
Tgt Ion: 92 Resp: 4910445
Ion Ratio Lower Upper
92 100
91 172.7 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 43.458 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068493.D
Acq: 15 Sep 2021 19:06

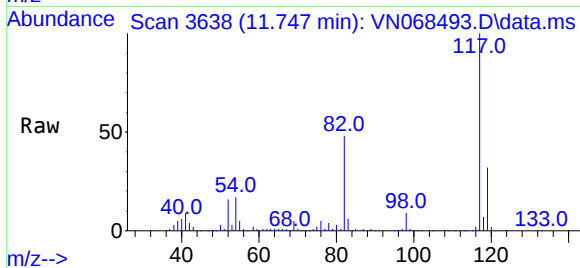
Tgt Ion: 95 Resp: 436580
Ion Ratio Lower Upper
95 100
174 108.5 0.0 214.0
176 104.4 0.0 205.4



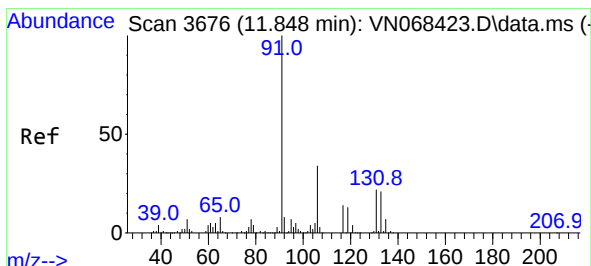
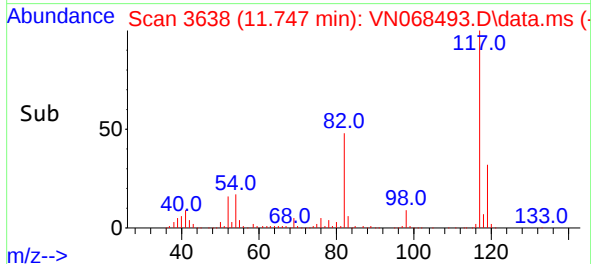
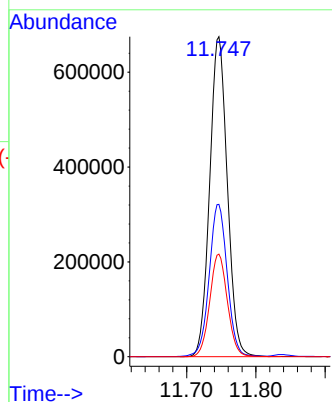


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068493.D
Acq: 15 Sep 2021 19:06

Instrument :
MSVOA_N
ClientSampleId :
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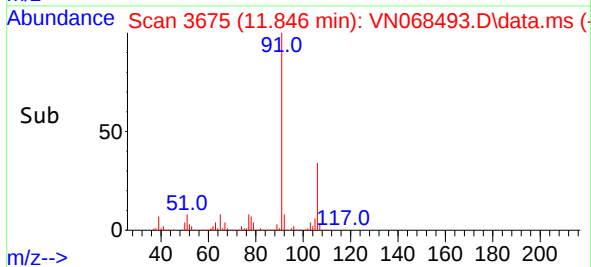
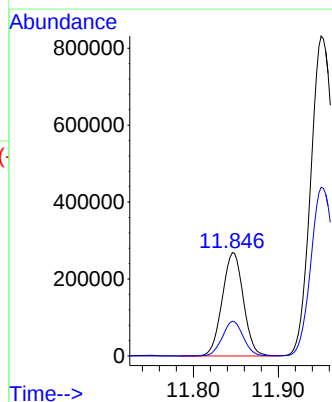
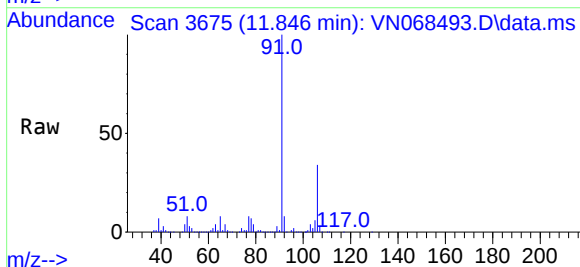


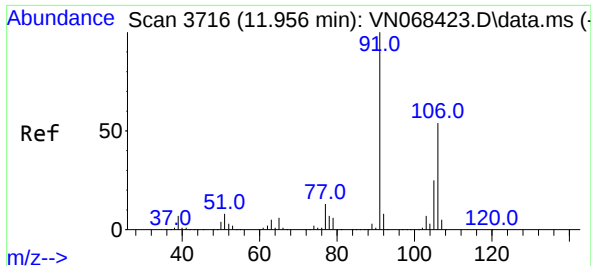
Tgt Ion:117 Resp: 1193838
Ion Ratio Lower Upper
117 100
82 47.5 38.7 58.1
119 32.1 25.5 38.3



#67
Ethyl Benzene
Concen: 11.577 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN068493.D
Acq: 15 Sep 2021 19:06

Tgt Ion: 91 Resp: 464705
Ion Ratio Lower Upper
91 100
106 33.5 27.1 40.7

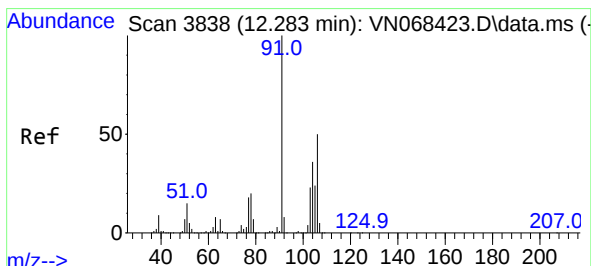
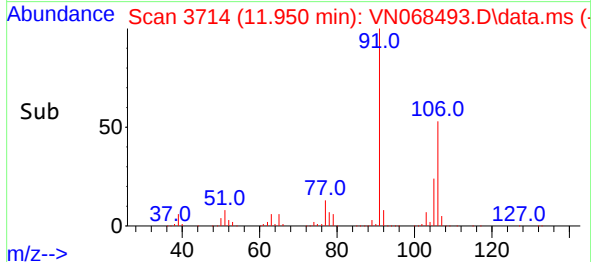
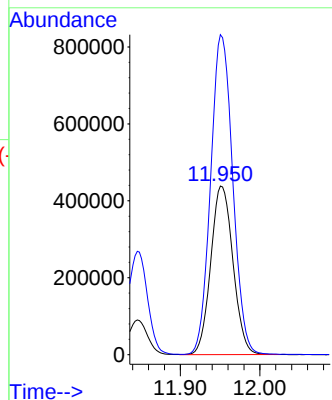
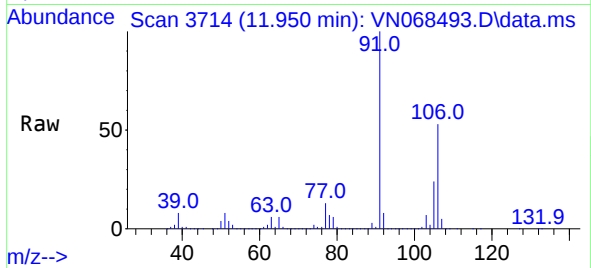




#68
m/p-Xylenes
Concen: 52.724 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.005 min
Lab File: VN068493.D
Acq: 15 Sep 2021 19:06

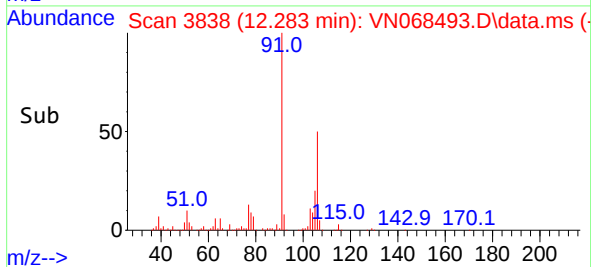
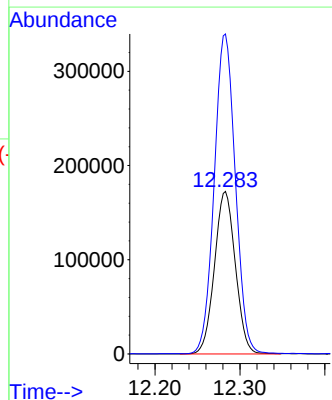
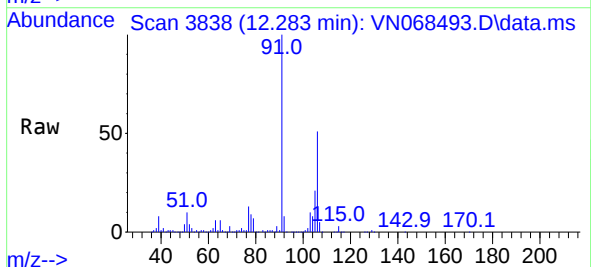
Instrument :
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ClientSampled :
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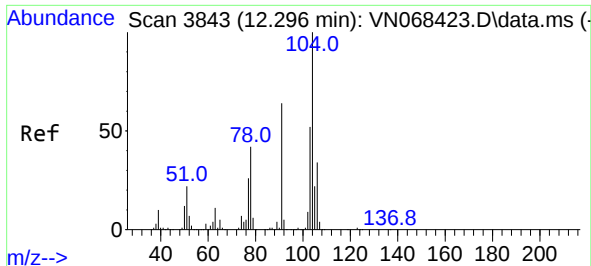
Tgt Ion:106 Resp: 852176
Ion Ratio Lower Upper
106 100
91 188.8 149.5 224.3



#69
o-Xylene
Concen: 18.677 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068493.D
Acq: 15 Sep 2021 19:06

Tgt Ion:106 Resp: 294136
Ion Ratio Lower Upper
106 100
91 199.0 99.3 297.8

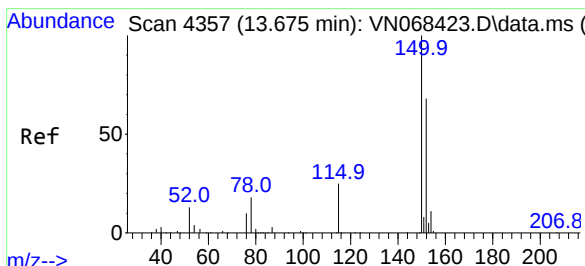
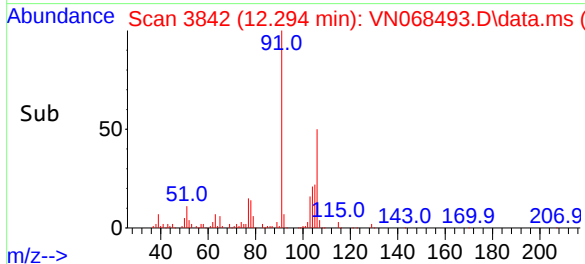
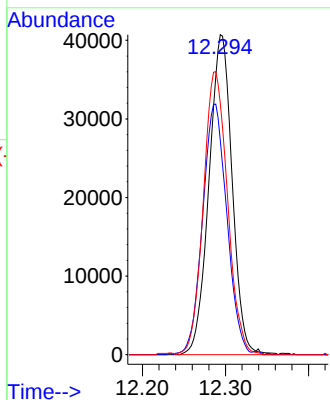
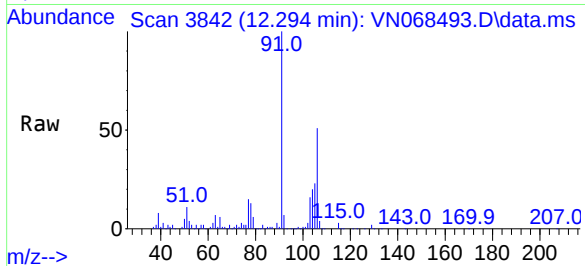




#70
Styrene
Concen: 3.301 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.003 min
Lab File: VN068493.D
Acq: 15 Sep 2021 19:06

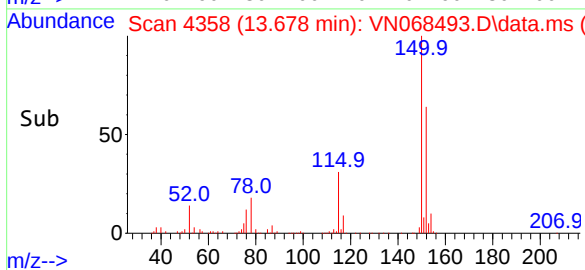
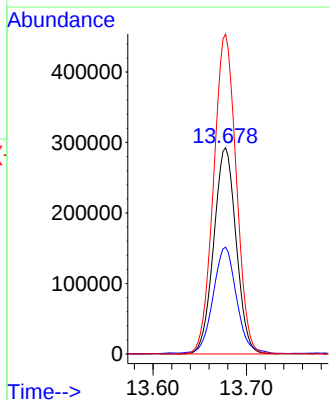
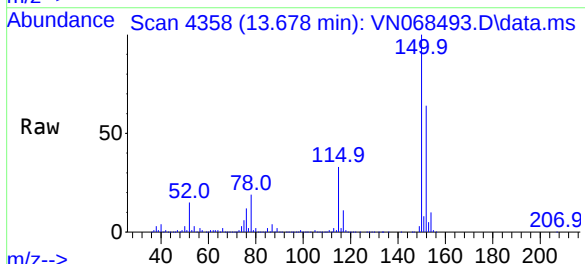
Instrument :
MSVOA_N
ClientSampled :
31208

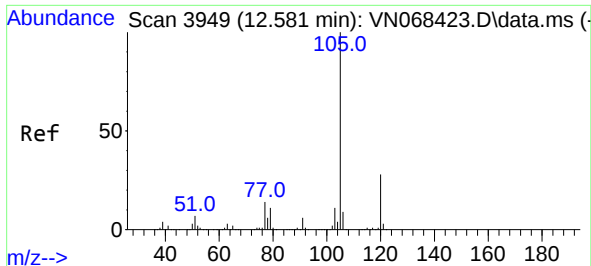
Tgt Ion:104 Resp: 78793
Ion Ratio Lower Upper
104 100
78 82.0 36.2 54.2#
103 92.2 44.4 66.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068493.D
Acq: 15 Sep 2021 19:06

Tgt Ion:152 Resp: 488128
Ion Ratio Lower Upper
152 100
115 53.7 25.6 76.6
150 157.0 0.0 346.8

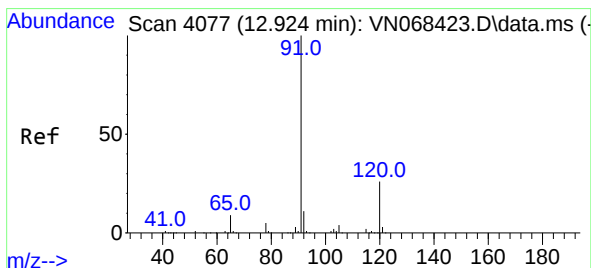
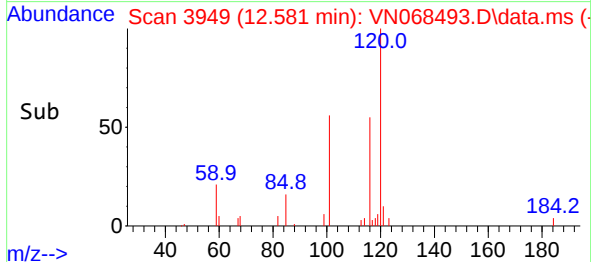
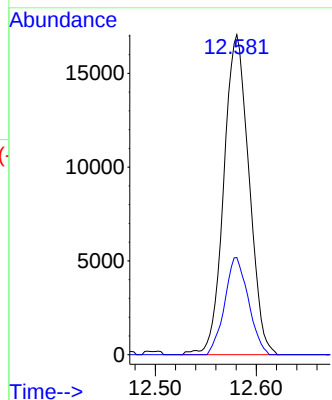
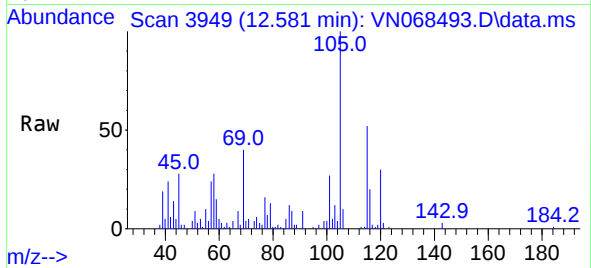




#73
Isopropylbenzene
Concen: 0.849 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN068493.D
Acq: 15 Sep 2021 19:06

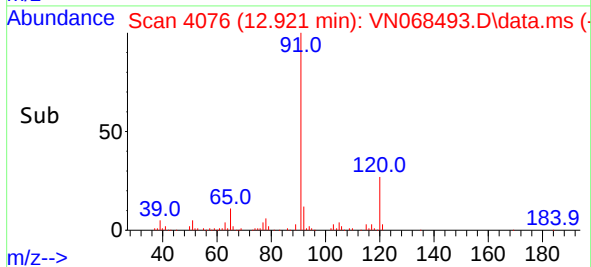
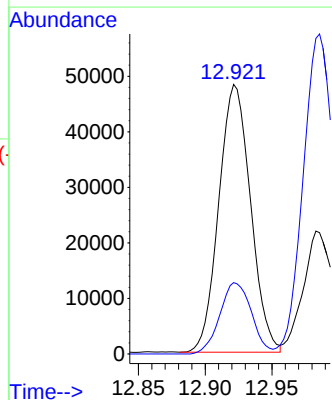
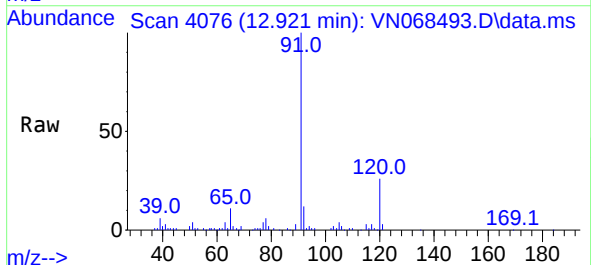
Instrument :
MSVOA_N
ClientSampled :
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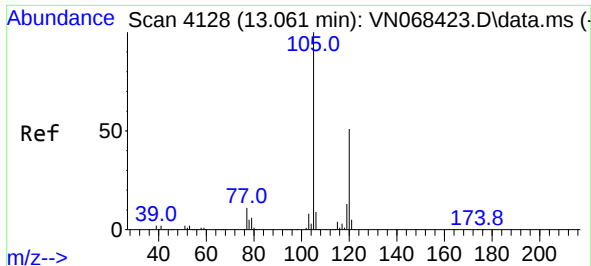
Tgt Ion:105 Resp: 29489
Ion Ratio Lower Upper
105 100
120 28.5 14.1 42.3



#78
n-propylbenzene
Concen: 2.178 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN068493.D
Acq: 15 Sep 2021 19:06

Tgt Ion: 91 Resp: 79844
Ion Ratio Lower Upper
91 100
120 26.6 13.2 39.6

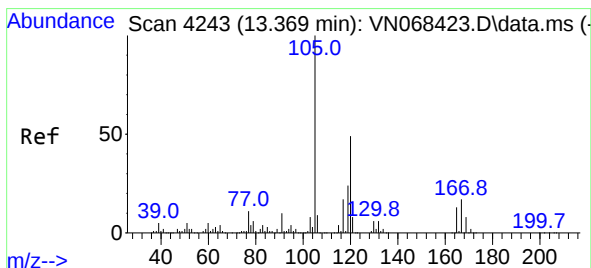
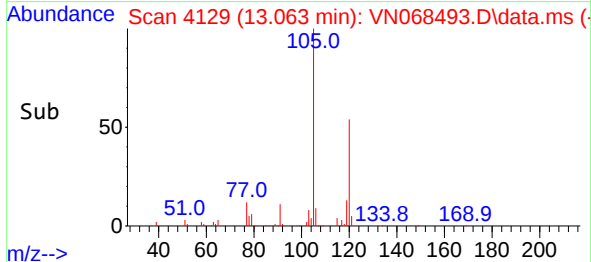
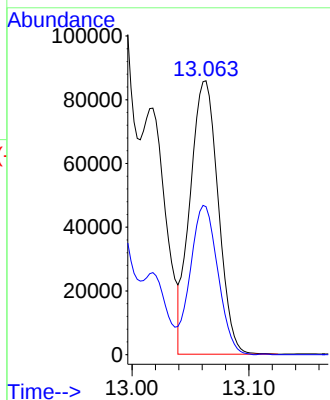
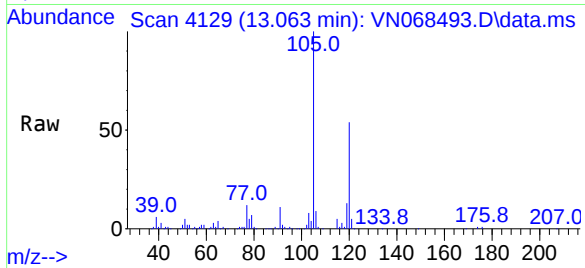




#80
1,3,5-Trimethylbenzene
Concen: 5.079 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.003 min
Lab File: VN068493.D
Acq: 15 Sep 2021 19:06

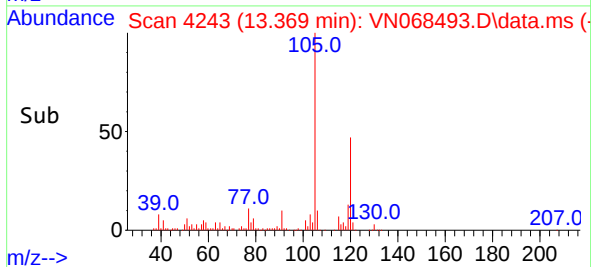
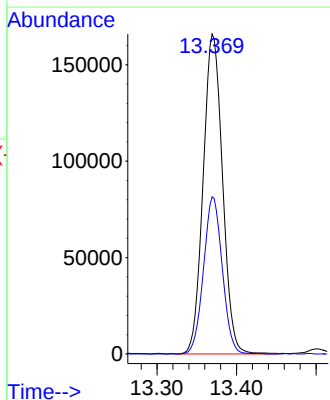
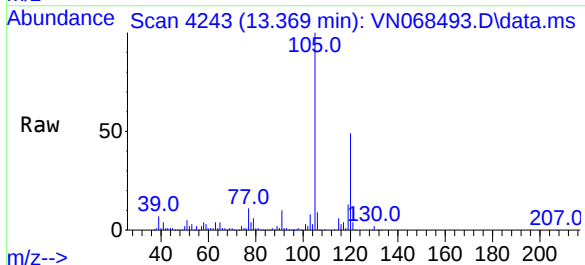
Instrument :
MSVOA_N
ClientSampled :
31208

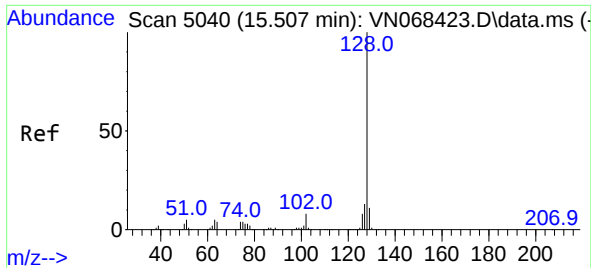
Tgt Ion:105 Resp: 143273
Ion Ratio Lower Upper
105 100
120 54.2 25.7 77.1



#84
1,2,4-Trimethylbenzene
Concen: 10.389 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068493.D
Acq: 15 Sep 2021 19:06

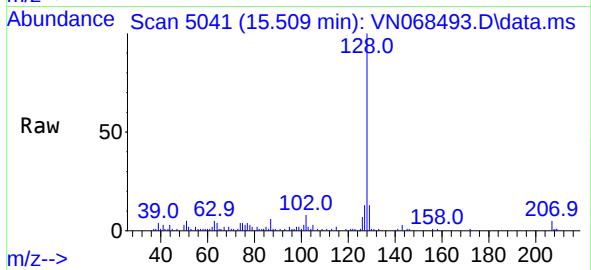
Tgt Ion:105 Resp: 281069
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.9





#95
Naphthalene
Concen: 6.611 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068493.D
Acq: 15 Sep 2021 19:06

Instrument :
MSVOA_N
ClientSampled :
31208



Tgt Ion:128 Resp: 64700
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 12.0 8.6 13.0

