

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
 Data File : VN068489.D
 Acq On : 15 Sep 2021 17:24
 Operator : JC/MD
 Sample : M3759-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31203

Quant Time: Sep 16 04:27:37 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	629765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	870016	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	799261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	341720	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	277584	48.051	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.100%
35) Dibromofluoromethane	8.024	113	265171	50.534	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.060%
50) Toluene-d8	10.443	98	976072	51.209	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.420%
62) 4-Bromofluorobenzene	12.733	95	308505	50.581	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.160%

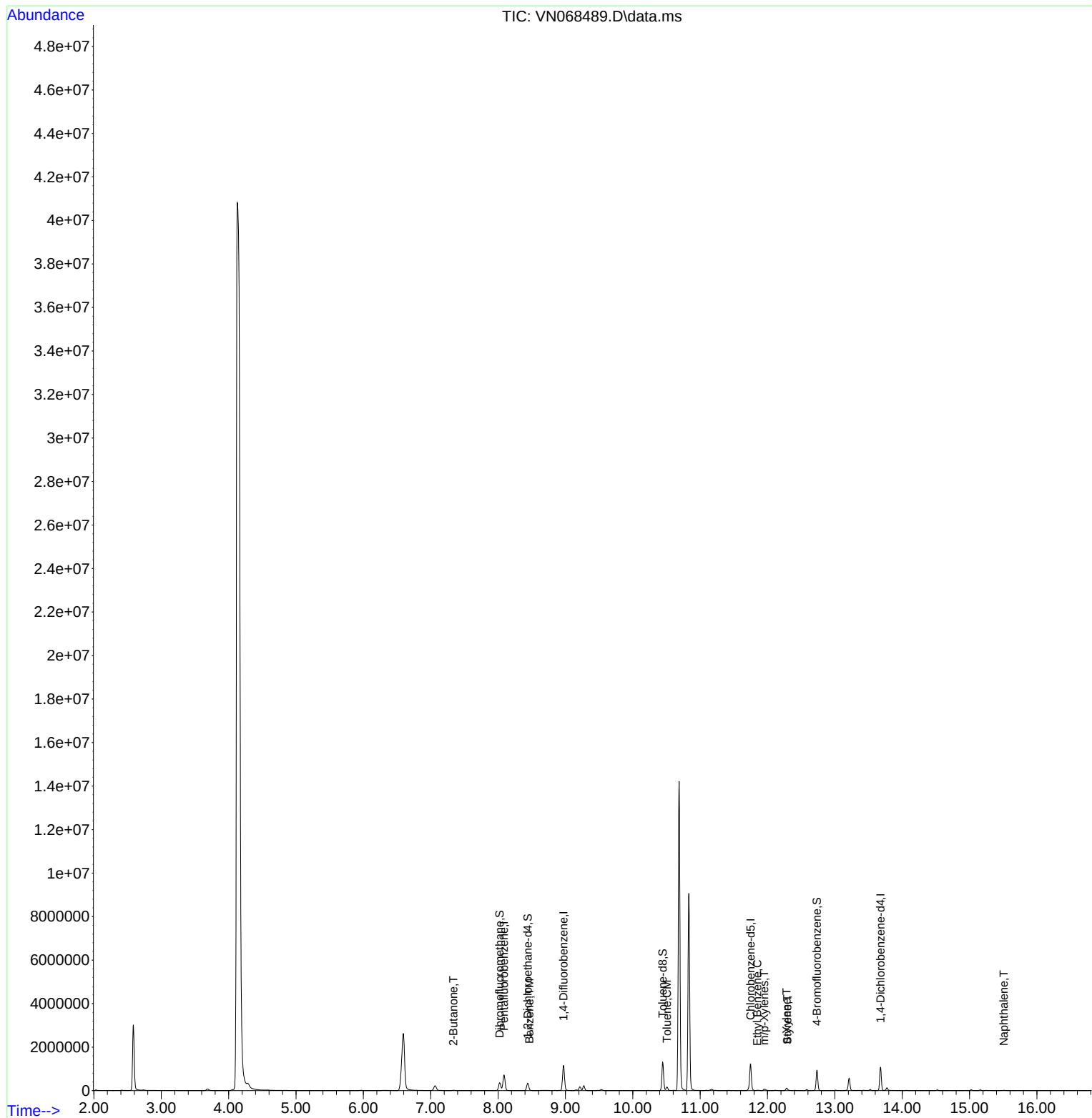
Target Compounds					Qvalue	
25) 2-Butanone	7.337	43	28047	9.991	ug/l	96
40) Benzene	8.464	78	6822	0.318	ug/l #	82
52) Toluene	10.507	92	75372	5.291	ug/l	99
67) Ethyl Benzene	11.848	91	11958	0.445	ug/l	98
68) m/p-Xylenes	11.953	106	24524	2.266	ug/l	94
69) o-Xylene	12.283	106	9087	0.862	ug/l	98
70) Styrene	12.296	104	7089	0.444	ug/l	96
95) Naphthalene	15.507	128	12336	4.345	ug/l #	92

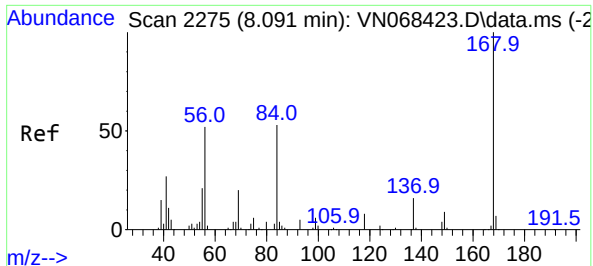
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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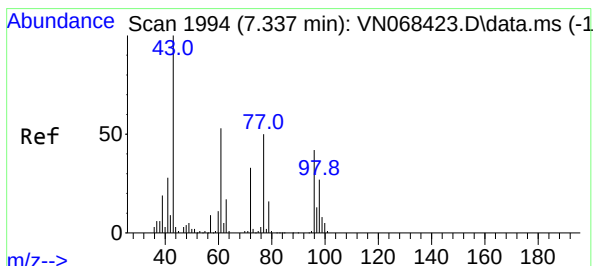
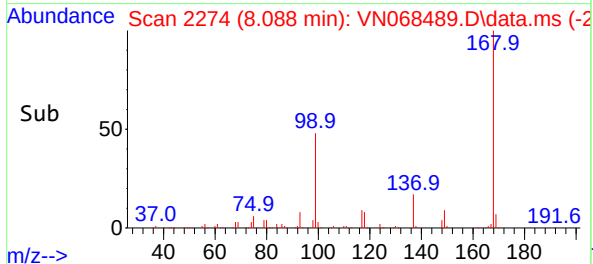
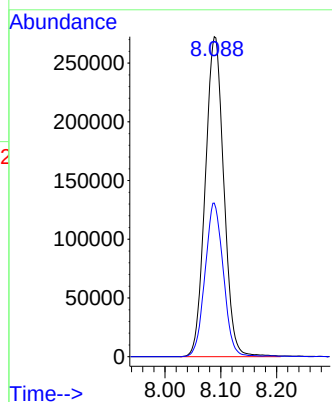
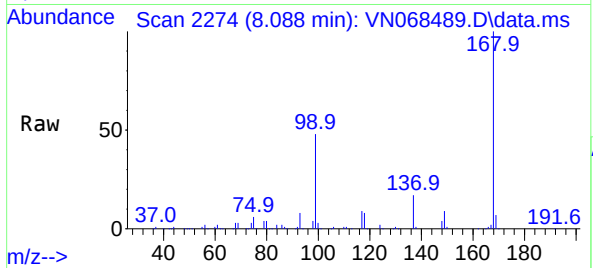




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VN068489.D
Acq: 15 Sep 2021 17:24

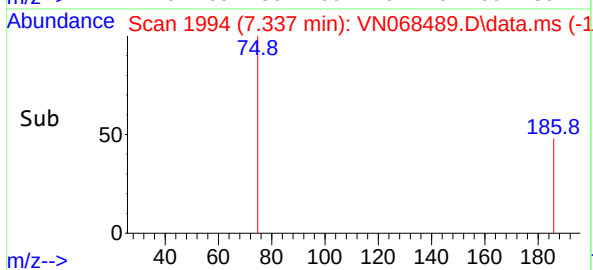
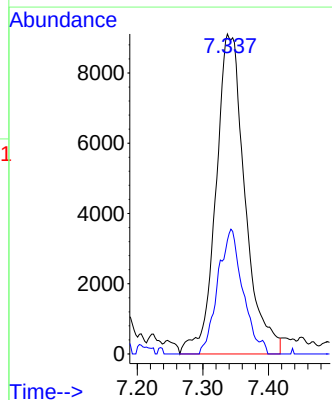
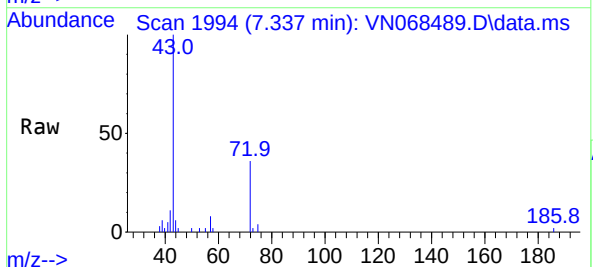
Instrument :
MSVOA_N
ClientSampleId :
31203

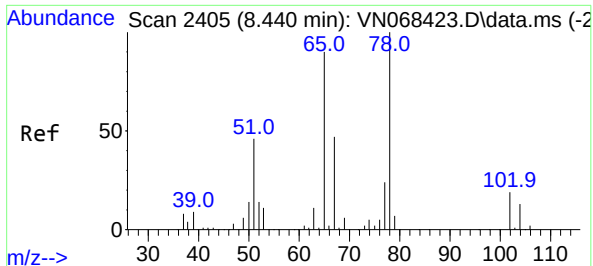
Tgt Ion:168 Resp: 629765
Ion Ratio Lower Upper
168 100
99 48.0 38.2 57.4



#25
2-Butanone
Concen: 9.991 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN068489.D
Acq: 15 Sep 2021 17:24

Tgt Ion: 43 Resp: 28047
Ion Ratio Lower Upper
43 100
72 35.5 26.7 40.1



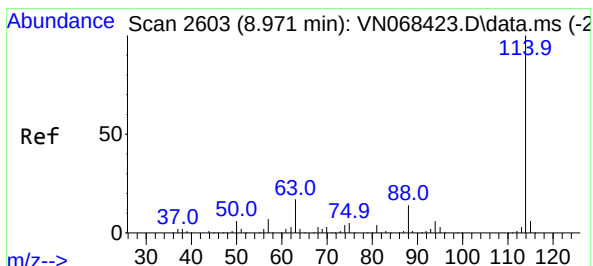
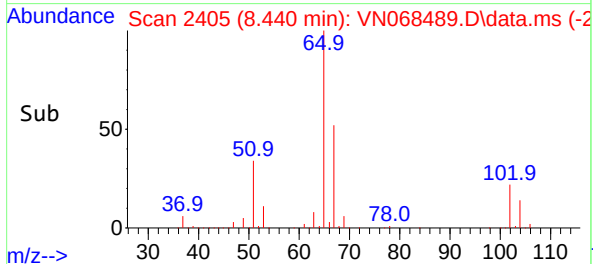
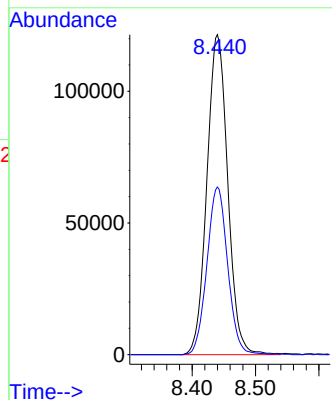
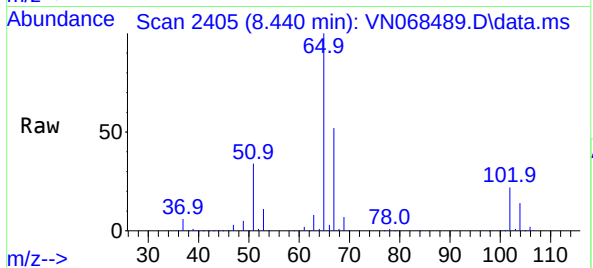


#33

1,2-Dichloroethane-d4
Concen: 48.051 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068489.D
Acq: 15 Sep 2021 17:24

Instrument :
MSVOA_N
ClientSampled :
31203

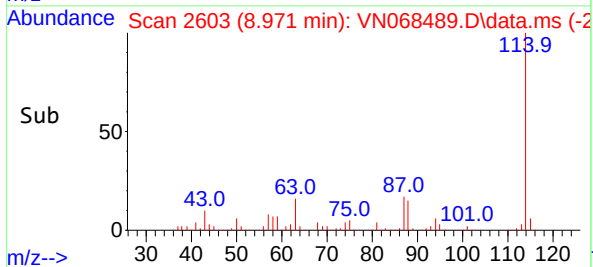
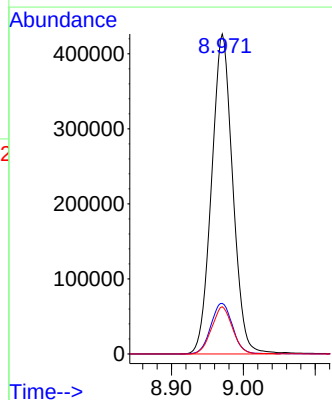
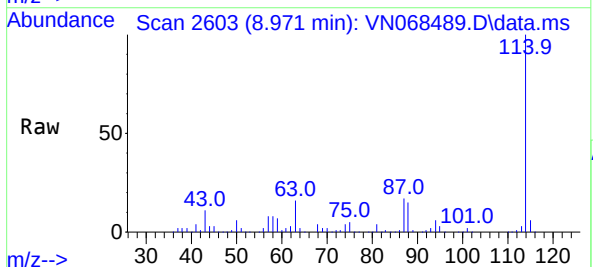
Tgt Ion: 65 Resp: 277584
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

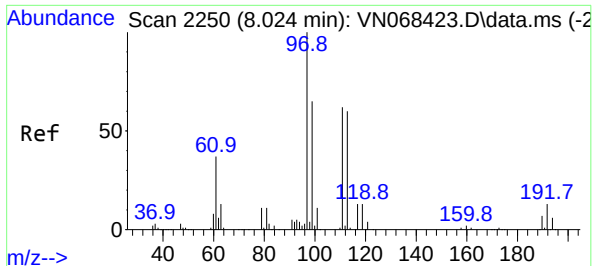


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068489.D
Acq: 15 Sep 2021 17:24

Tgt Ion: 114 Resp: 870016
Ion Ratio Lower Upper
114 100
63 15.8 0.0 33.2
88 14.8 0.0 28.4

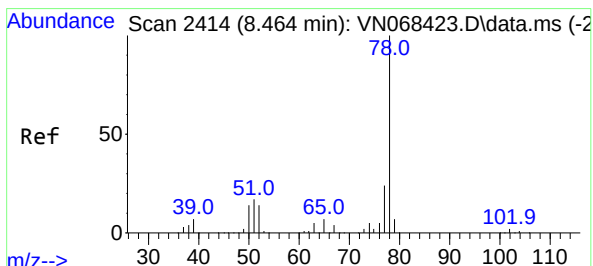
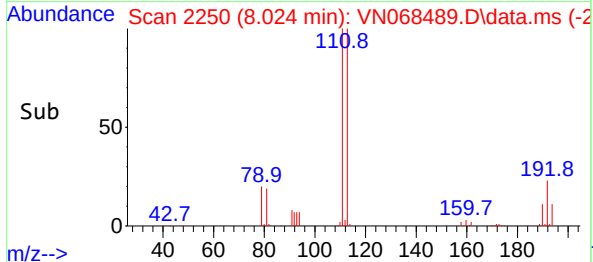
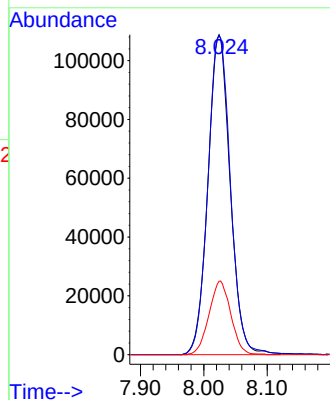
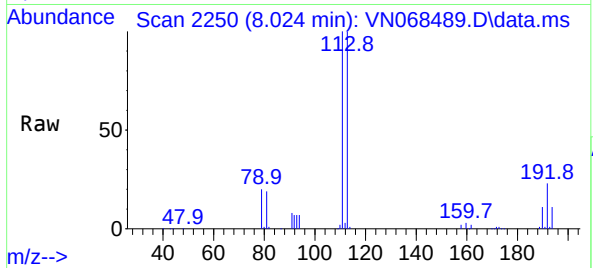




#35
Dibromofluoromethane
Concen: 50.534 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068489.D
Acq: 15 Sep 2021 17:24

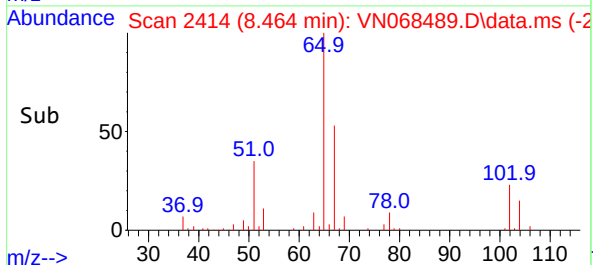
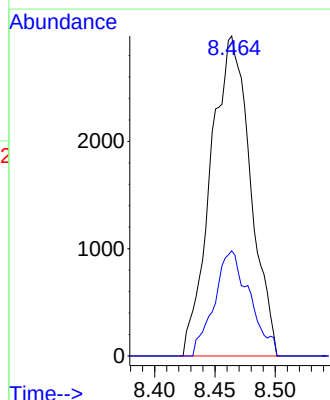
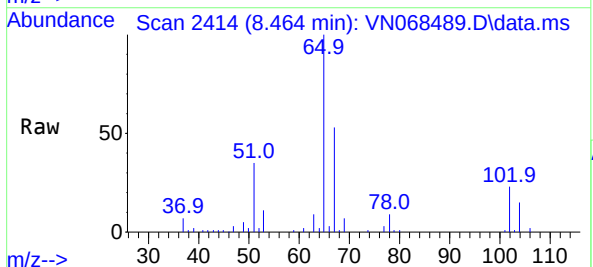
Instrument :
MSVOA_N
ClientSampled :
31203

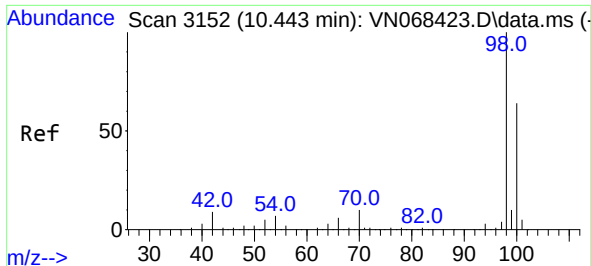
Tgt Ion:113 Resp: 265171
Ion Ratio Lower Upper
113 100
111 101.2 81.1 121.7
192 22.6 17.7 26.5



#40
Benzene
Concen: 0.318 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.000 min
Lab File: VN068489.D
Acq: 15 Sep 2021 17:24

Tgt Ion: 78 Resp: 6822
Ion Ratio Lower Upper
78 100
77 32.9 19.3 28.9#

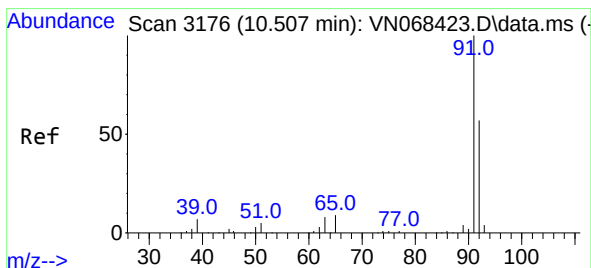
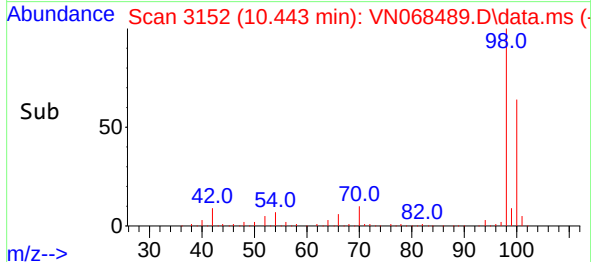
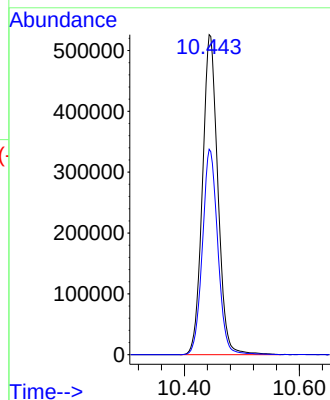
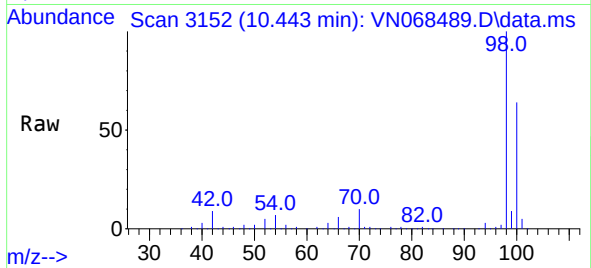




#50
Toluene-d8
Concen: 51.209 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068489.D
Acq: 15 Sep 2021 17:24

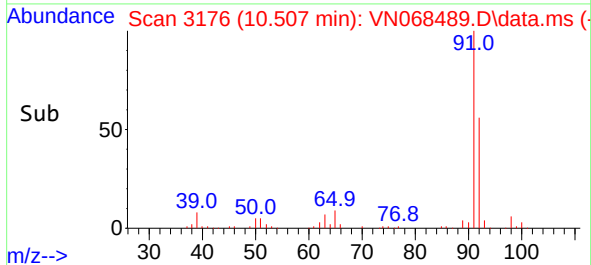
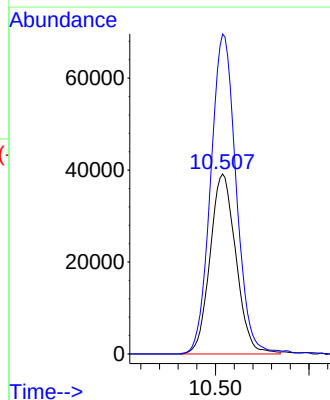
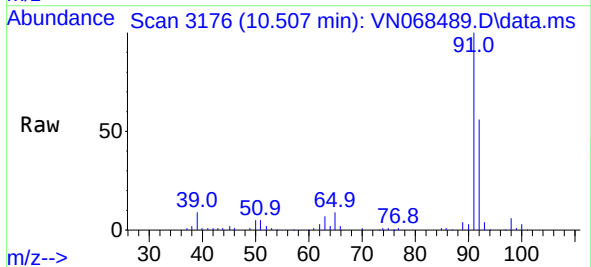
Instrument :
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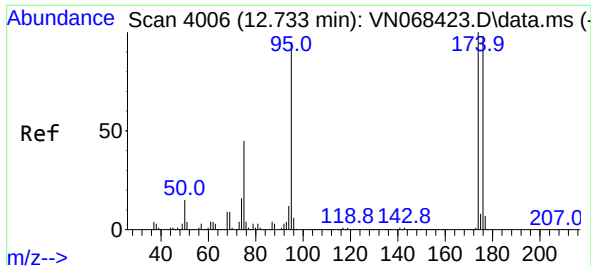
Tgt Ion: 98 Resp: 976072
Ion Ratio Lower Upper
98 100
100 64.2 51.0 76.6



#52
Toluene
Concen: 5.291 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068489.D
Acq: 15 Sep 2021 17:24

Tgt Ion: 92 Resp: 75372
Ion Ratio Lower Upper
92 100
91 175.1 139.4 209.0

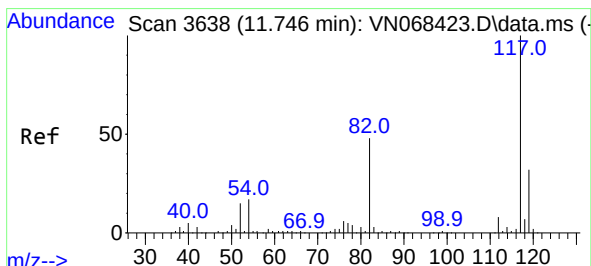
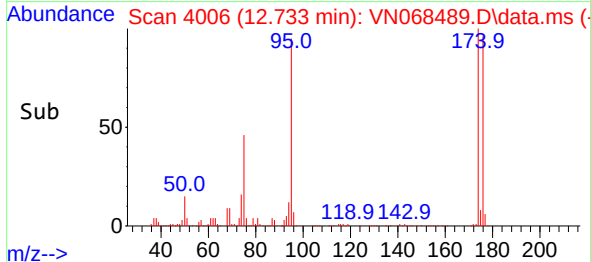
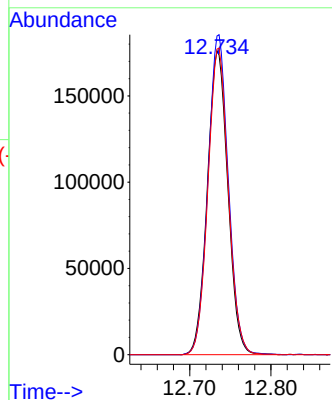
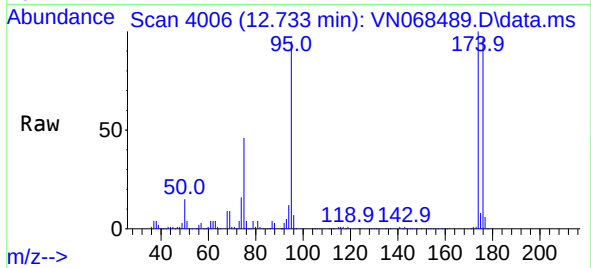




#62
4-Bromofluorobenzene
Concen: 50.581 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068489.D
Acq: 15 Sep 2021 17:24

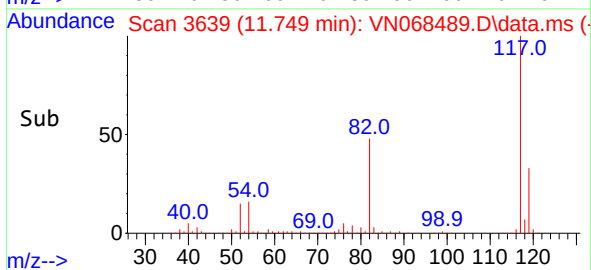
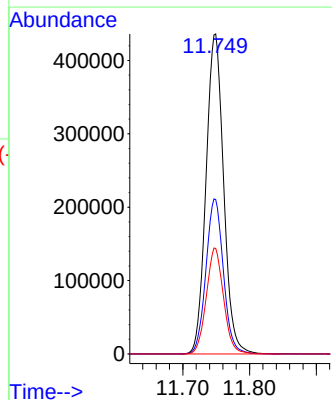
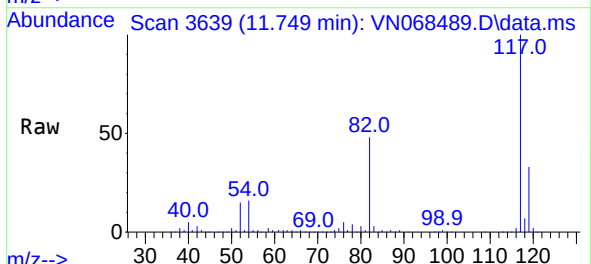
Instrument :
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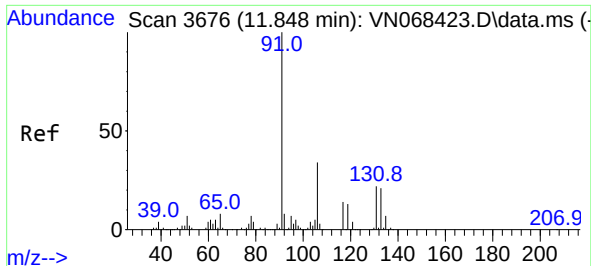
Tgt Ion: 95 Resp: 308505
Ion Ratio Lower Upper
95 100
174 104.6 0.0 214.0
176 100.3 0.0 205.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068489.D
Acq: 15 Sep 2021 17:24

Tgt Ion: 117 Resp: 799261
Ion Ratio Lower Upper
117 100
82 48.3 38.7 58.1
119 33.0 25.5 38.3

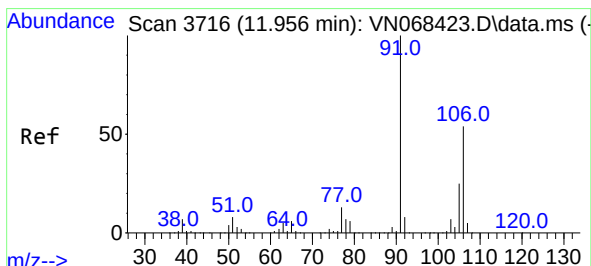
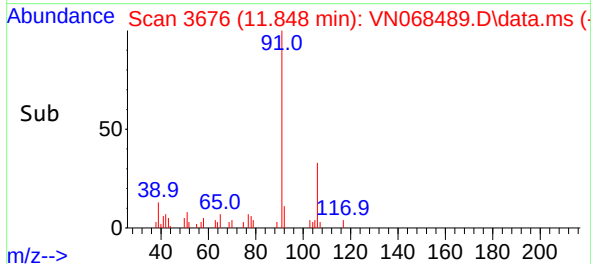
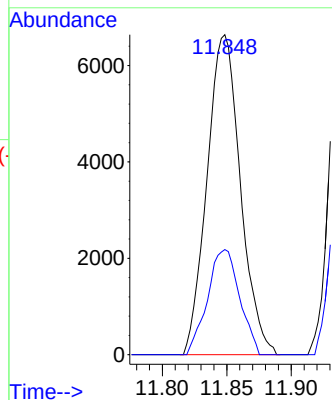
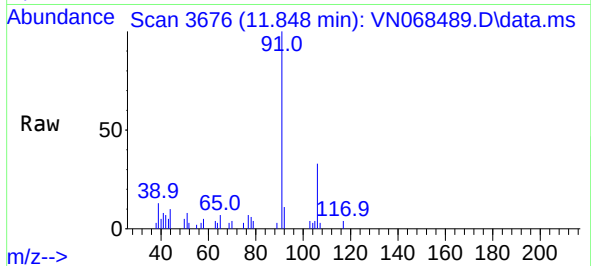




#67
Ethyl Benzene
Concen: 0.445 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN068489.D
Acq: 15 Sep 2021 17:24

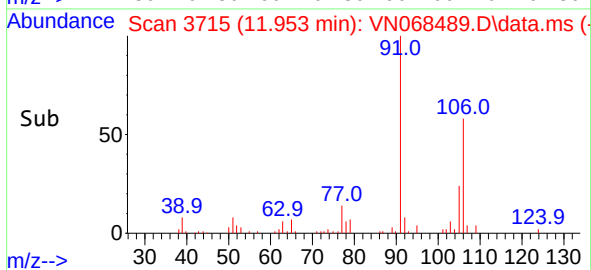
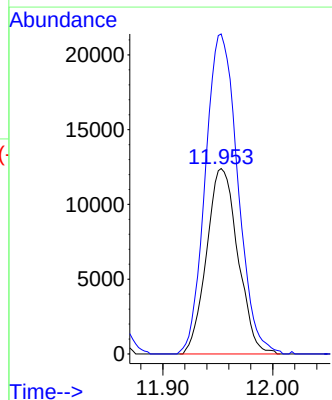
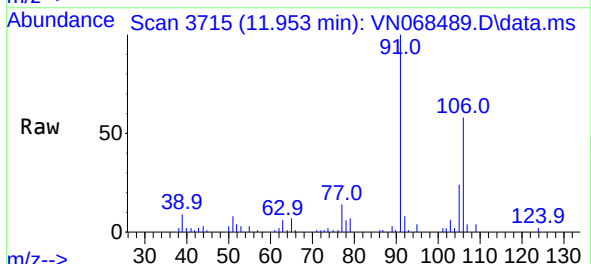
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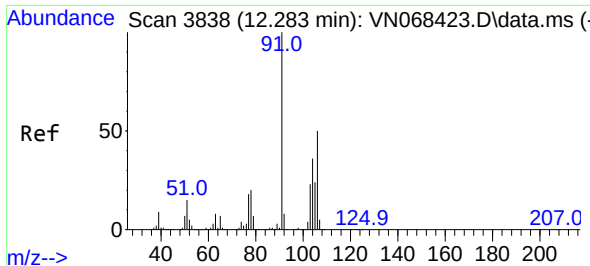
Tgt Ion: 91 Resp: 11958
Ion Ratio Lower Upper
91 100
106 32.8 27.1 40.7



#68
m/p-Xylenes
Concen: 2.266 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068489.D
Acq: 15 Sep 2021 17:24

Tgt Ion:106 Resp: 24524
Ion Ratio Lower Upper
106 100
91 178.8 149.5 224.3

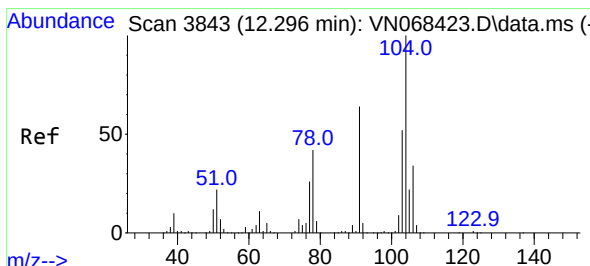
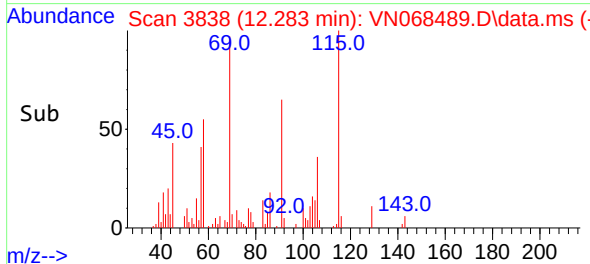
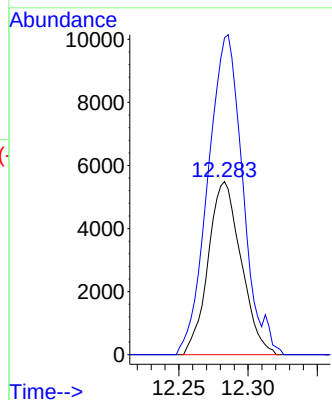
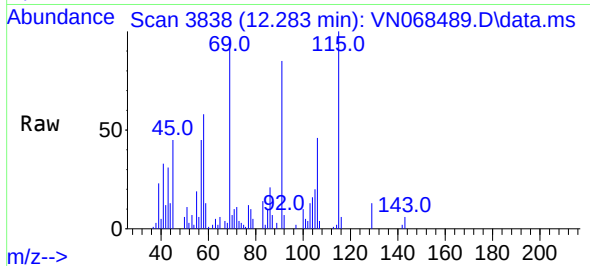




#69
o-Xylene
Concen: 0.862 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068489.D
Acq: 15 Sep 2021 17:24

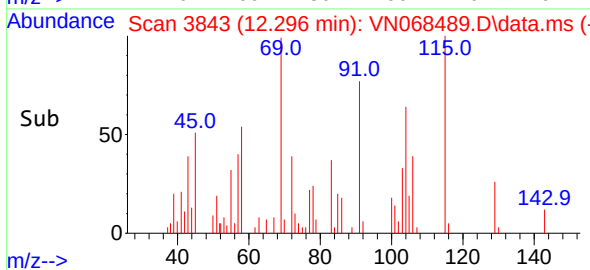
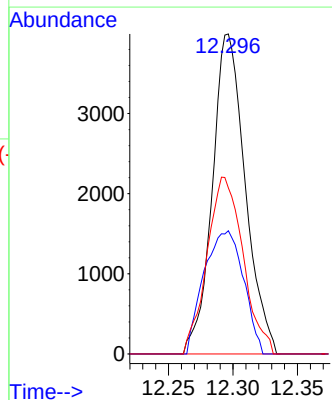
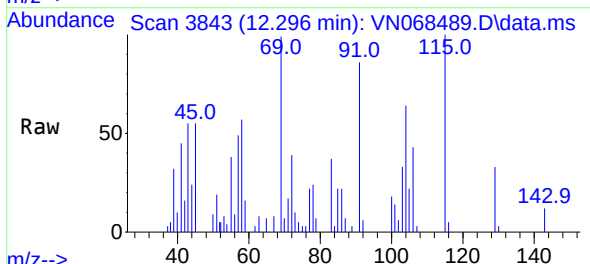
Instrument :
MSVOA_N
ClientSampled :
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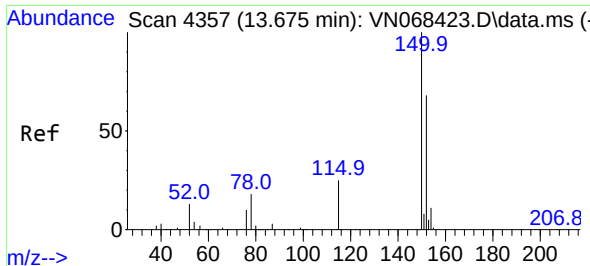
Tgt Ion:106 Resp: 9087
Ion Ratio Lower Upper
106 100
91 195.5 99.3 297.8



#70
Styrene
Concen: 0.444 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068489.D
Acq: 15 Sep 2021 17:24

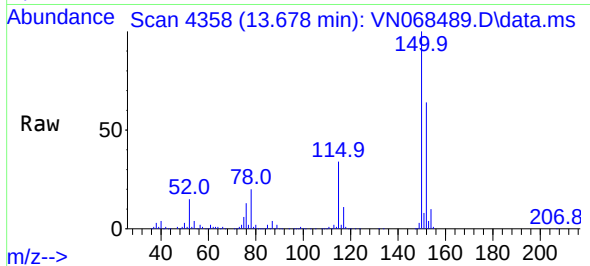
Tgt Ion:104 Resp: 7089
Ion Ratio Lower Upper
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78 46.2 36.2 54.2
103 60.4 44.4 66.6



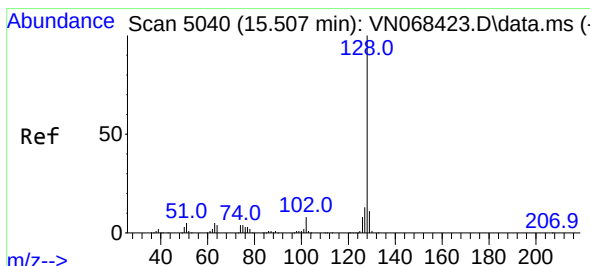
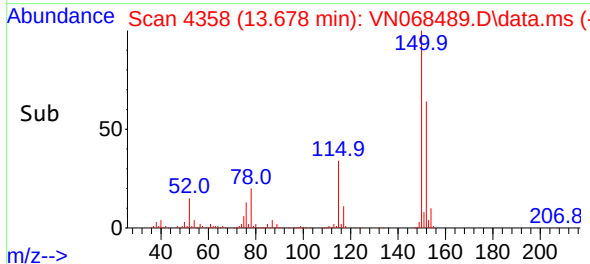
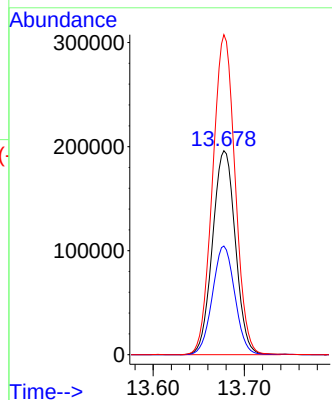


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068489.D
Acq: 15 Sep 2021 17:24

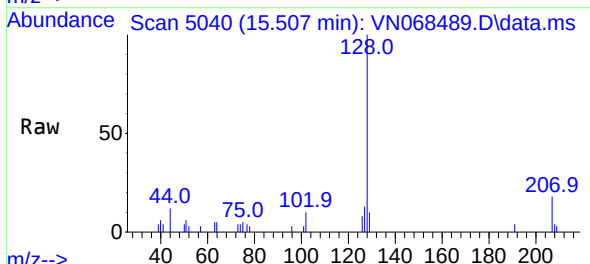
Instrument :
MSVOA_N
ClientSampled :
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Tgt Ion:152 Resp: 341720
Ion Ratio Lower Upper
152 100
115 52.4 25.6 76.6
150 154.9 0.0 346.8



#95
Naphthalene
Concen: 4.345 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068489.D
Acq: 15 Sep 2021 17:24



Tgt Ion:128 Resp: 12336
Ion Ratio Lower Upper
128 100
127 12.2 10.6 15.8
129 5.5 8.6 13.0#

