

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073970.D
 Acq On : 17 Aug 2022 12:42
 Operator : JC\MD
 Sample : N4198-01DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GFD-TOTESDL

Quant Time: Aug 17 15:31:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

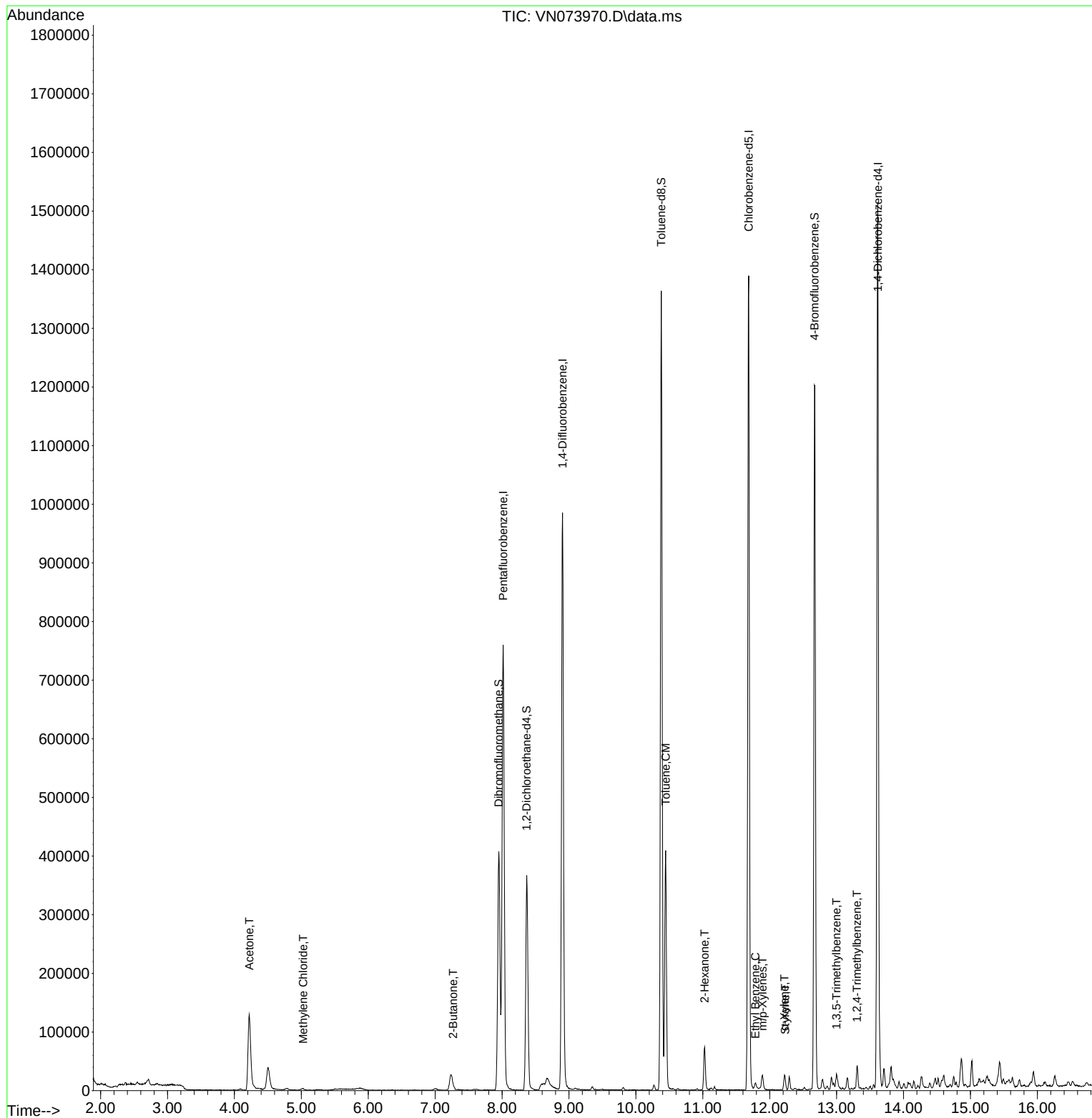
Internal Standards						
1) Pentafluorobenzene	8.016	168	650574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	943638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	877532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	452361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	307827	48.579	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.160%		
35) Dibromofluoromethane	7.951	113	299402	53.651	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.300%		
50) Toluene-d8	10.380	98	982560	45.461	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.920%		
62) 4-Bromofluorobenzene	12.668	95	399469	55.691	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.380%		
Target Compounds					Qvalue	
16) Acetone	4.222	43	235417	78.748	ug/l	95
20) Methylene Chloride	5.028	84	2551	0.404	ug/l #	71
25) 2-Butanone	7.269	43	10844	2.288	ug/l	99
52) Toluene	10.445	92	183031	10.911	ug/l	100
59) 2-Hexanone	11.027	43	47970	6.891	ug/l	96
67) Ethyl Benzene	11.786	91	6398	0.206	ug/l	99
68) m/p-Xylenes	11.892	106	7962	0.632	ug/l	90
69) o-Xylene	12.221	106	5976	0.473	ug/l	95
70) Styrene	12.233	104	5061	0.256	ug/l	93
80) 1,3,5-Trimethylbenzene	12.998	105	8527	0.318	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	23278	0.870	ug/l	99

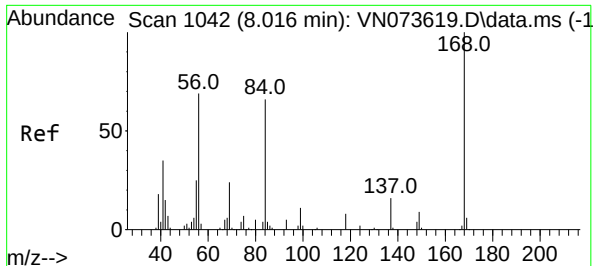
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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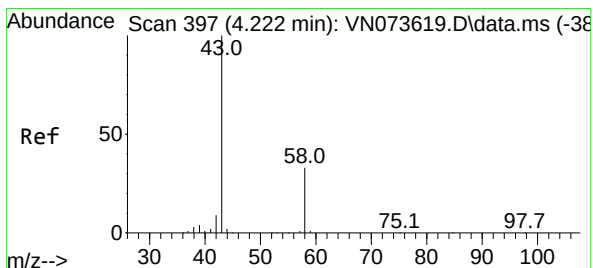
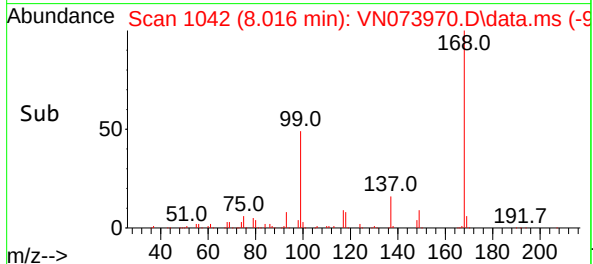
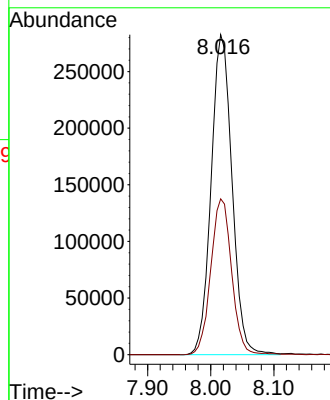
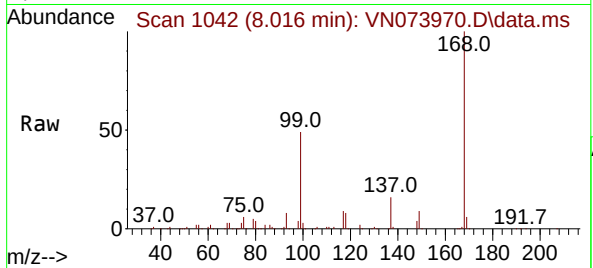




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073970.D
Acq: 17 Aug 2022 12:42

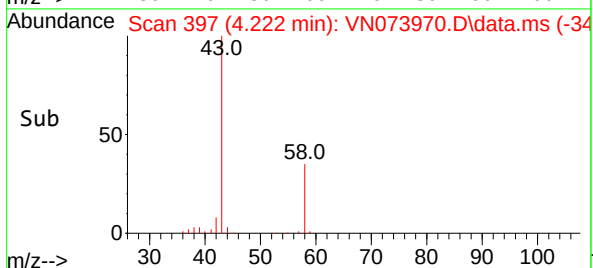
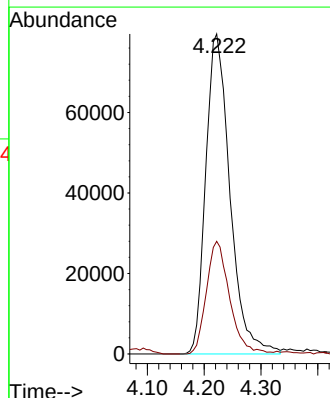
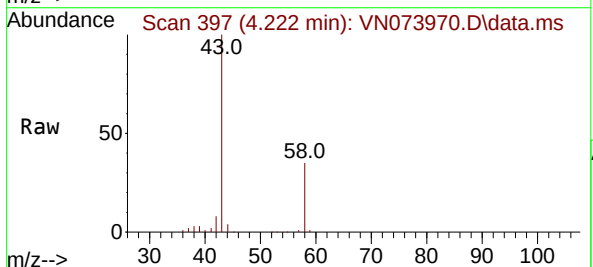
Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTESDL

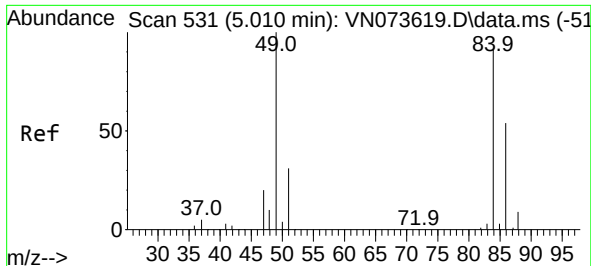
Tgt Ion:168 Resp: 650574
Ion Ratio Lower Upper
168 100
99 48.7 42.3 63.5



#16
Acetone
Concen: 78.748 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073970.D
Acq: 17 Aug 2022 12:42

Tgt Ion: 43 Resp: 235417
Ion Ratio Lower Upper
43 100
58 35.2 26.0 39.0

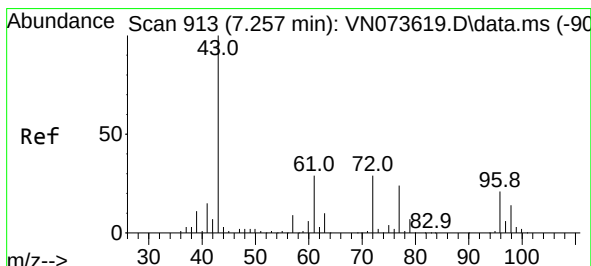
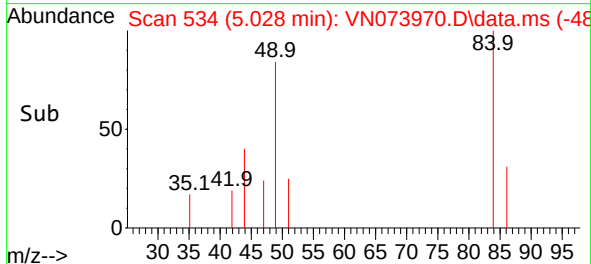
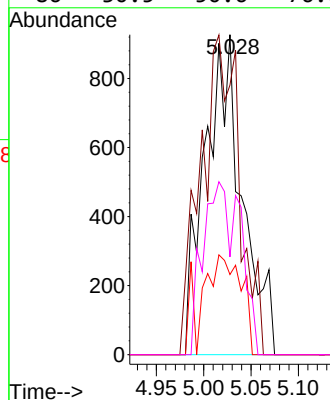
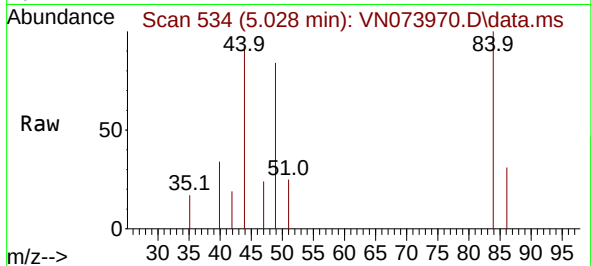




#20
Methylene Chloride
Concen: 0.404 ug/l
RT: 5.028 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN073970.D
Acq: 17 Aug 2022 12:42

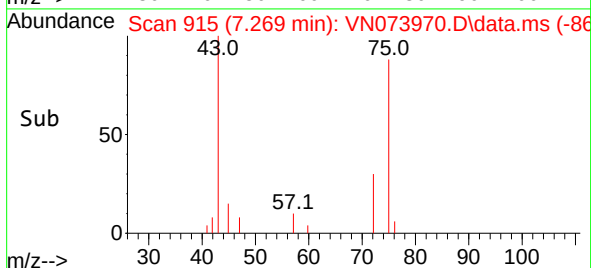
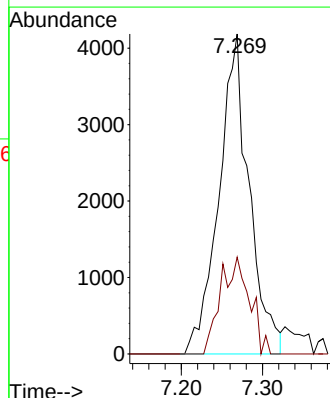
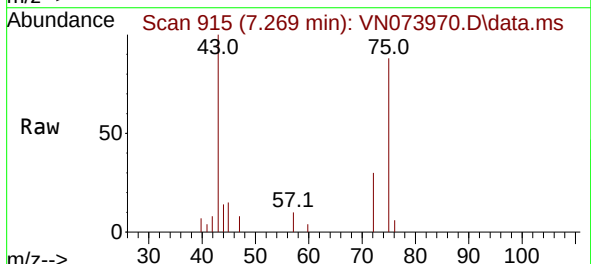
Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTESDL

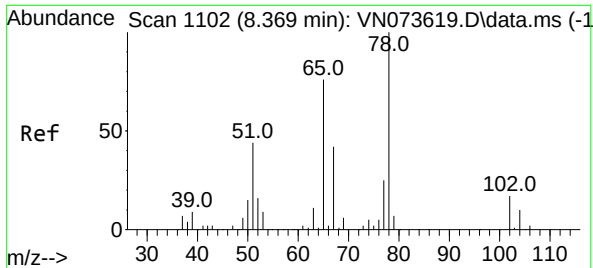
Tgt Ion: 84	Resp: 2551
Ion Ratio	Lower Upper
84 100	
49 84.3	88.3 132.5#
51 25.0	28.2 42.2#
86 30.5	50.6 76.0#



#25
2-Butanone
Concen: 2.288 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.012 min
Lab File: VN073970.D
Acq: 17 Aug 2022 12:42

Tgt Ion: 43	Resp: 10844
Ion Ratio	Lower Upper
43 100	
72 30.2	23.7 35.5





#33

1,2-Dichloroethane-d4

Concen: 48.579 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073970.D

Acq: 17 Aug 2022 12:42

Instrument :

MSVOA_N

ClientSampleId :

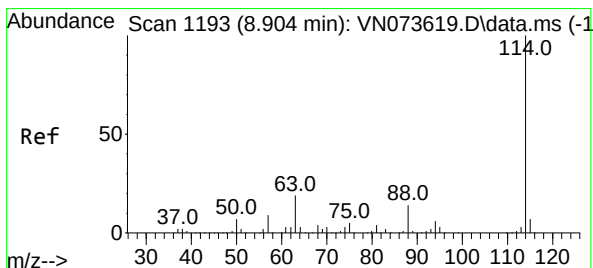
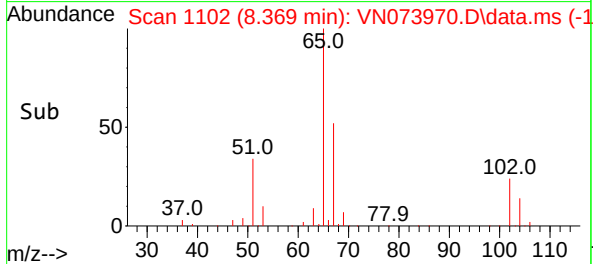
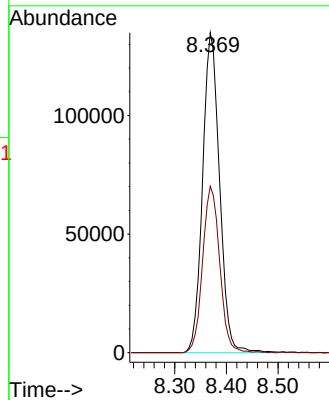
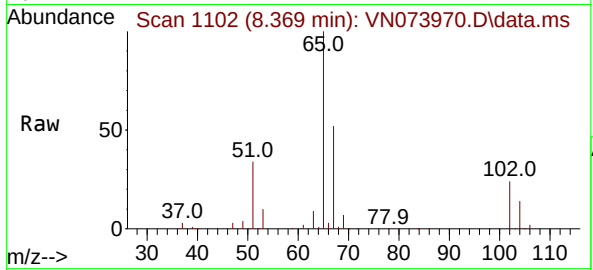
GFD-TOTESDL

Tgt Ion: 65 Resp: 307827

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073970.D

Acq: 17 Aug 2022 12:42

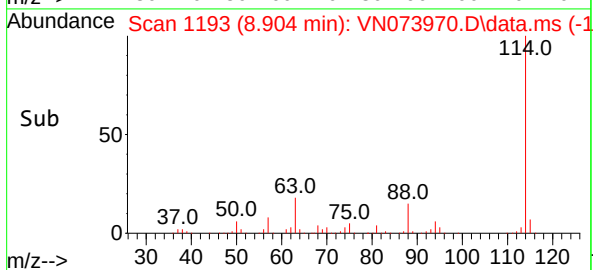
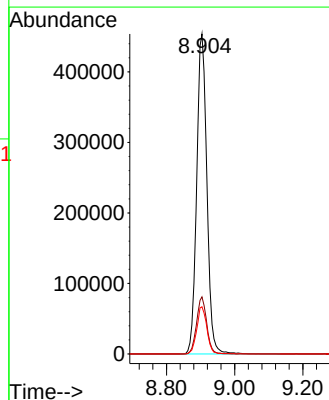
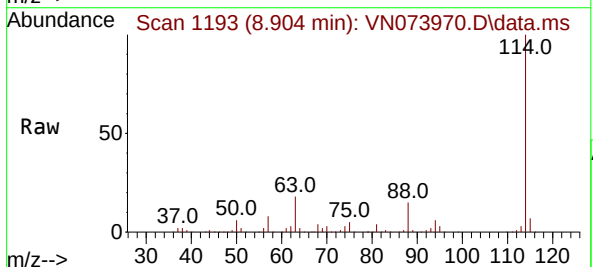
Tgt Ion: 114 Resp: 943638

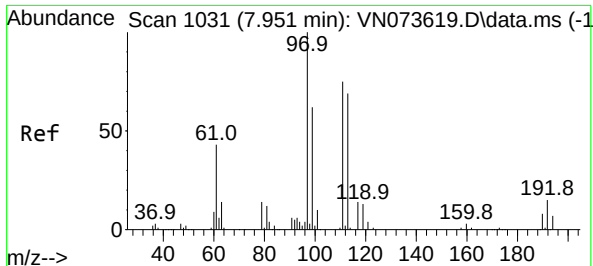
Ion Ratio Lower Upper

114 100

63 17.8 0.0 40.0

88 14.8 0.0 32.6

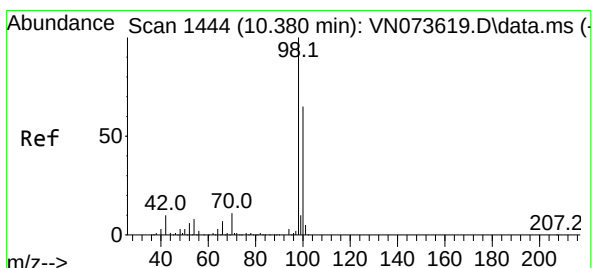
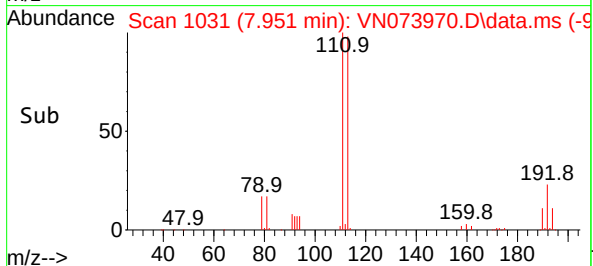
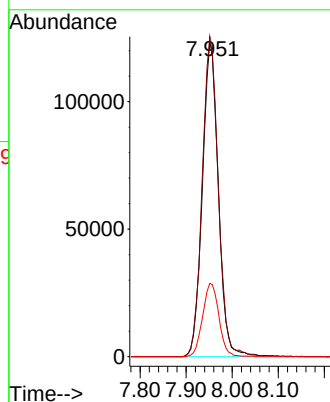
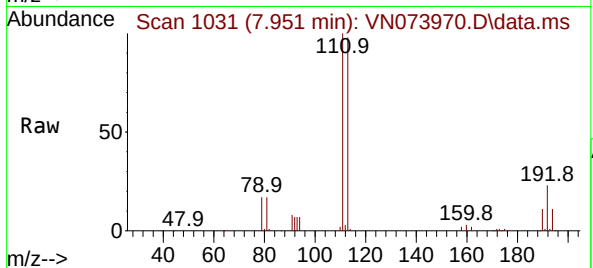




#35
Dibromofluoromethane
Concen: 53.651 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073970.D
Acq: 17 Aug 2022 12:42

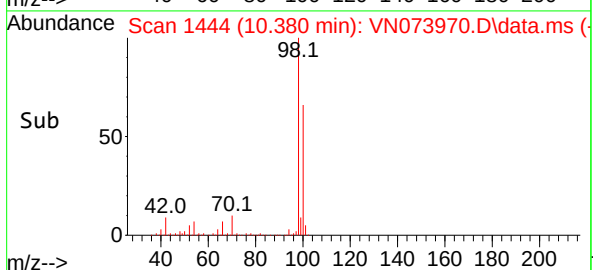
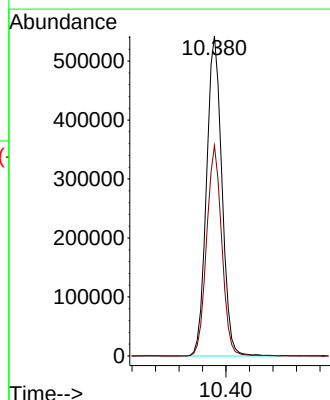
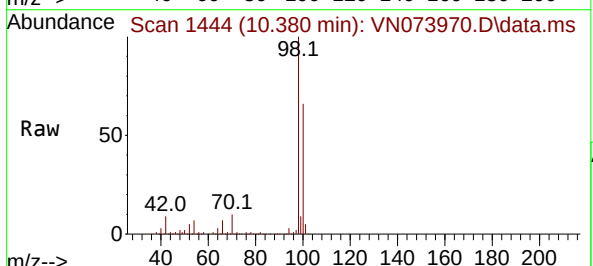
Instrument :
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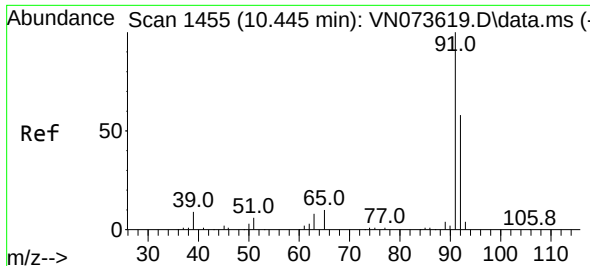
Tgt Ion:113 Resp: 299402
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 23.7 17.0 25.6



#50
Toluene-d8
Concen: 45.461 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073970.D
Acq: 17 Aug 2022 12:42

Tgt Ion: 98 Resp: 982560
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

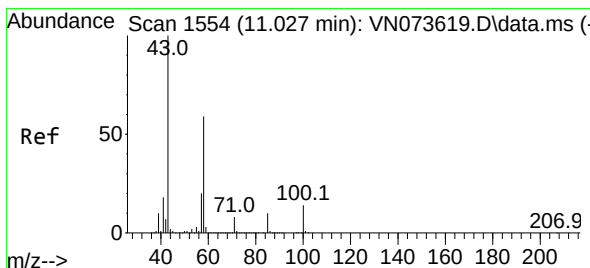
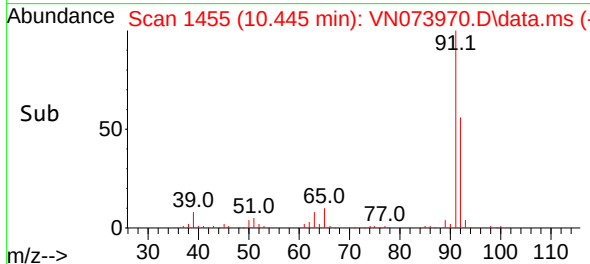
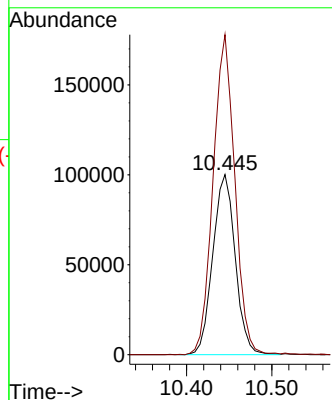
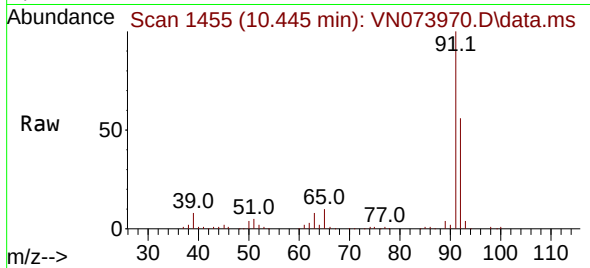




#52
Toluene
Concen: 10.911 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073970.D
Acq: 17 Aug 2022 12:42

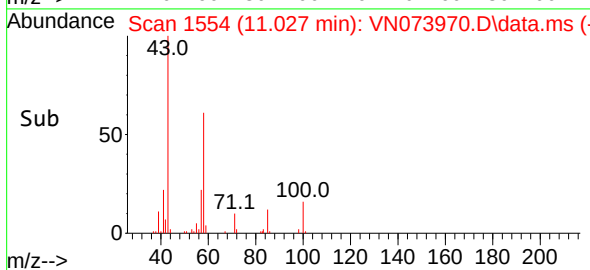
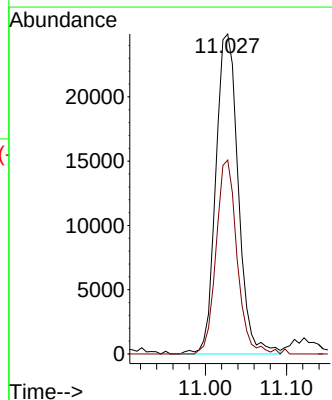
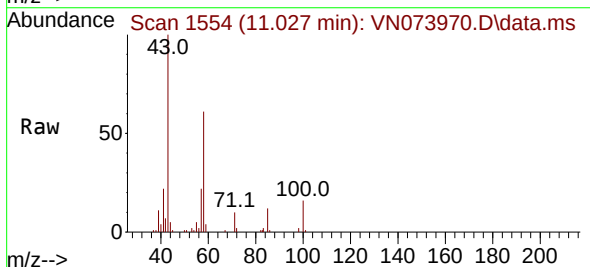
Instrument :
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ClientSampleId :
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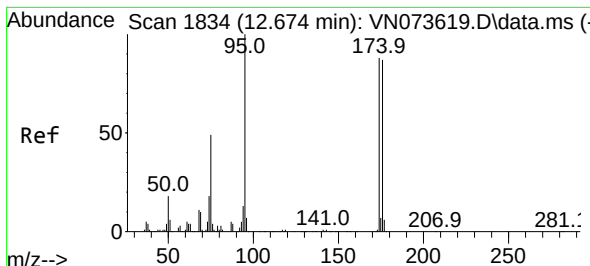
Tgt Ion: 92 Resp: 183031
Ion Ratio Lower Upper
92 100
91 172.6 138.6 207.8



#59
2-Hexanone
Concen: 6.891 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073970.D
Acq: 17 Aug 2022 12:42

Tgt Ion: 43 Resp: 47970
Ion Ratio Lower Upper
43 100
58 56.1 29.7 89.1

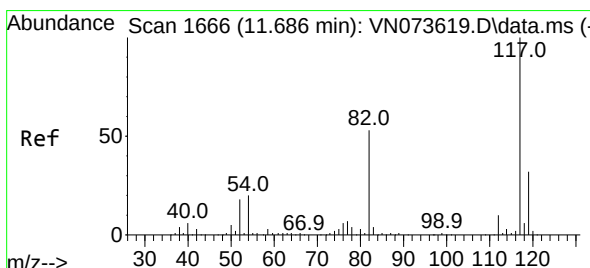
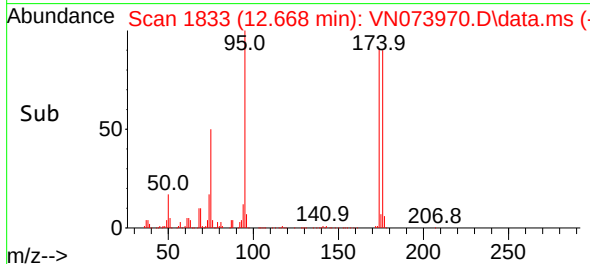
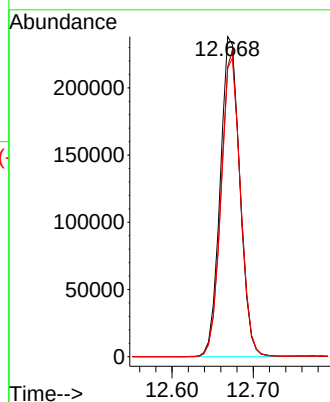
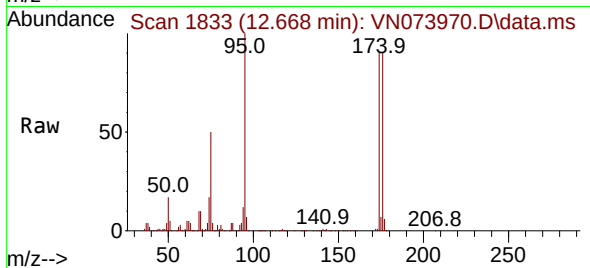




#62
4-Bromofluorobenzene
Concen: 55.691 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073970.D
Acq: 17 Aug 2022 12:42

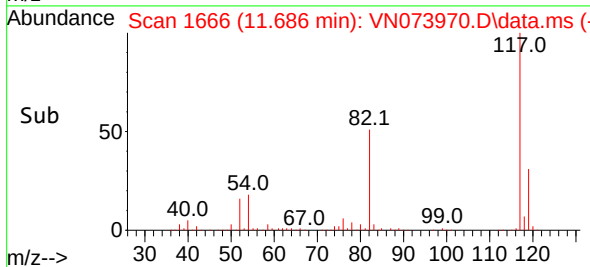
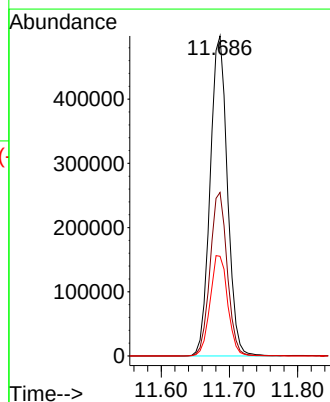
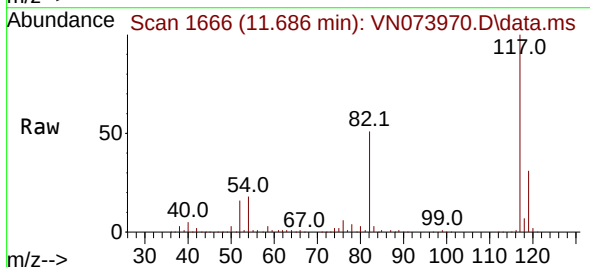
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MSVOA_N
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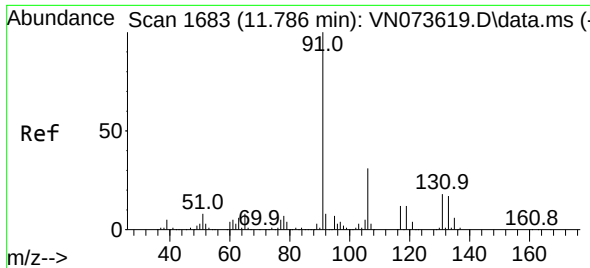
Tgt Ion: 95 Resp: 399469
Ion Ratio Lower Upper
95 100
174 94.1 0.0 167.6
176 92.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073970.D
Acq: 17 Aug 2022 12:42

Tgt Ion: 117 Resp: 877532
Ion Ratio Lower Upper
117 100
82 51.1 44.2 66.2
119 31.1 25.4 38.0

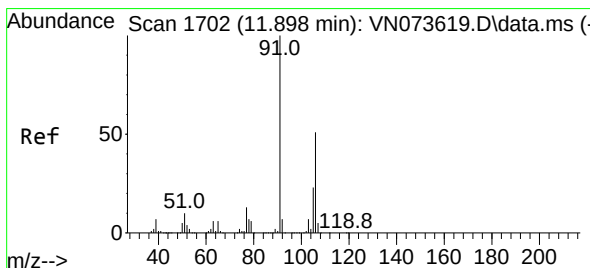
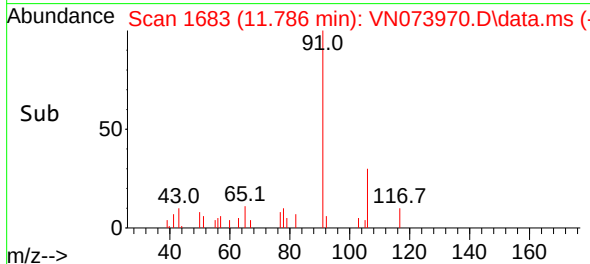
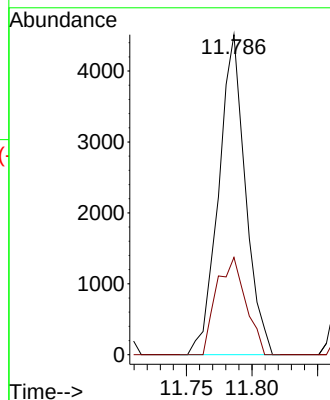
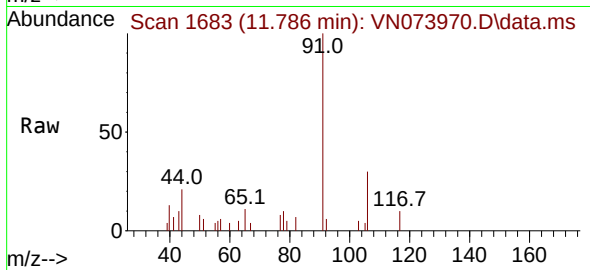




#67
Ethyl Benzene
Concen: 0.206 ug/l
RT: 11.786 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073970.D
Acq: 17 Aug 2022 12:42

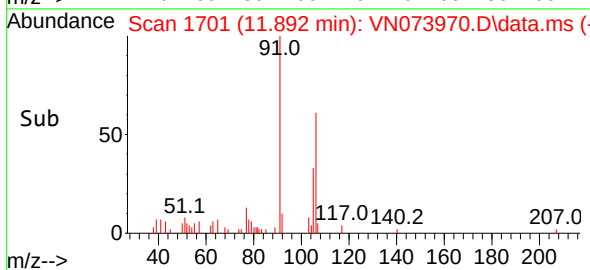
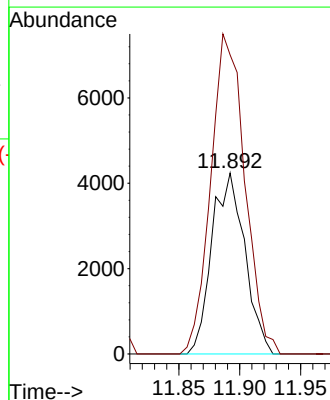
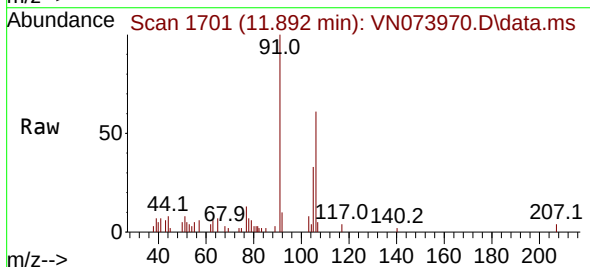
Instrument :
MSVOA_N
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GFD-TOTESDL

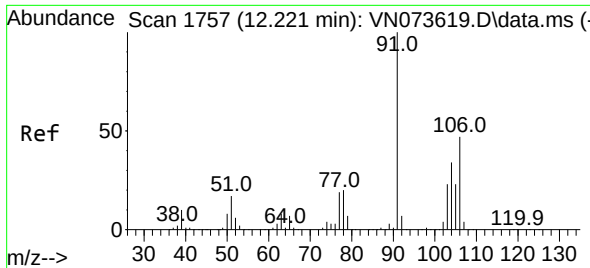
Tgt Ion: 91 Resp: 6398
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3



#68
m/p-Xylenes
Concen: 0.632 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073970.D
Acq: 17 Aug 2022 12:42

Tgt Ion: 106 Resp: 7962
Ion Ratio Lower Upper
106 100
91 183.4 158.9 238.3

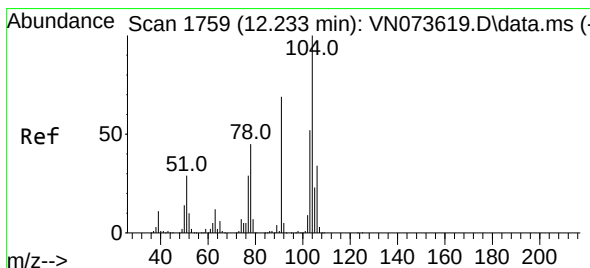
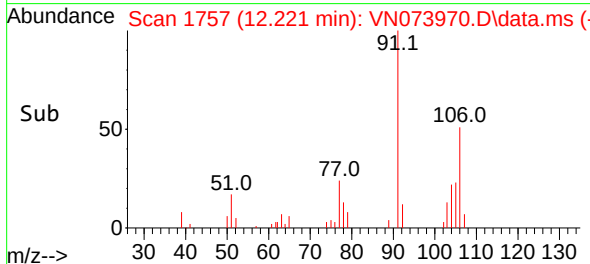
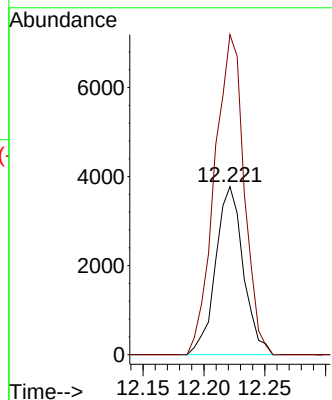
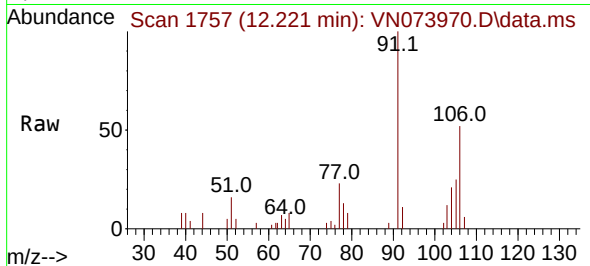




#69
o-Xylene
Concen: 0.473 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073970.D
Acq: 17 Aug 2022 12:42

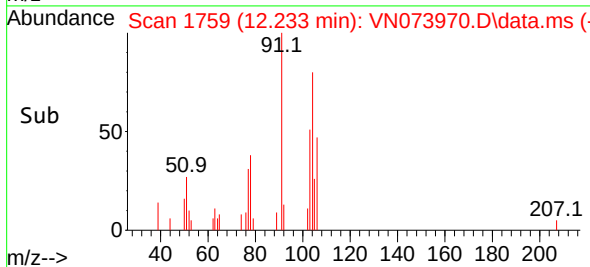
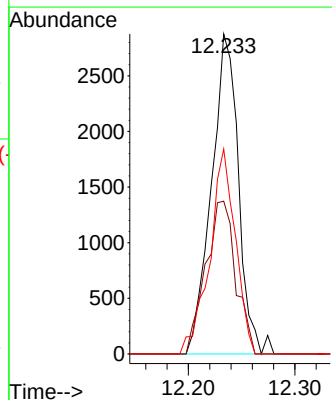
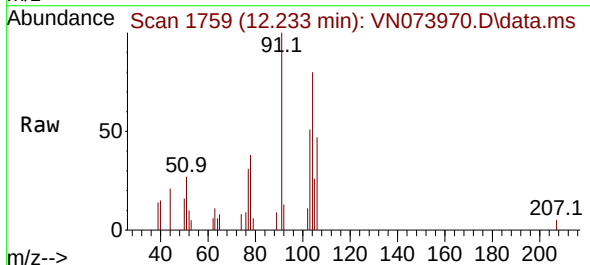
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ClientSampleId :
GFD-TOTESDL

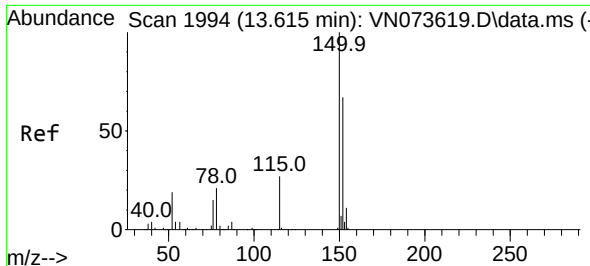
Tgt Ion:106 Resp: 5976
Ion Ratio Lower Upper
106 100
91 203.6 106.0 318.0



#70
Styrene
Concen: 0.256 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073970.D
Acq: 17 Aug 2022 12:42

Tgt Ion:104 Resp: 5061
Ion Ratio Lower Upper
104 100
78 53.0 39.5 59.3
103 60.9 44.0 66.0

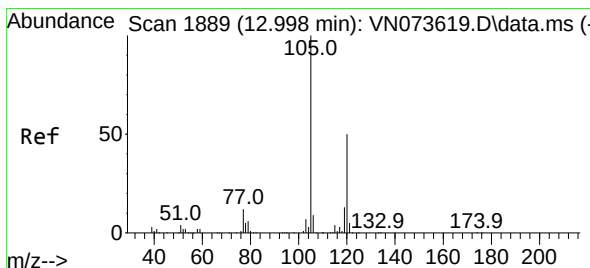
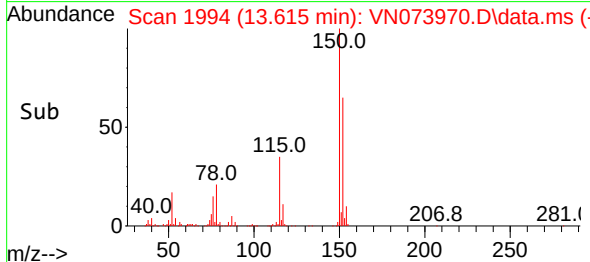
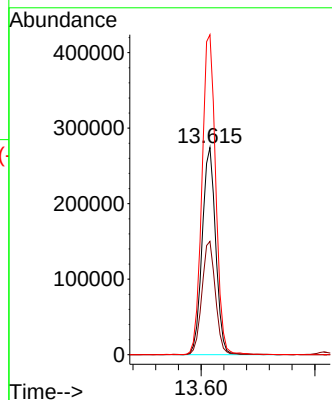
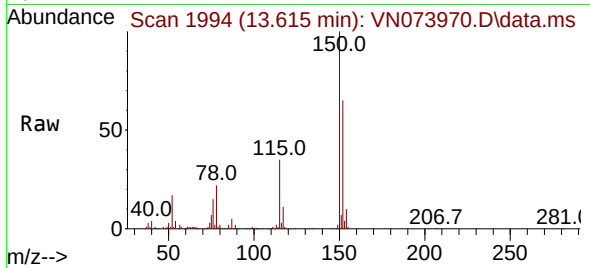




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073970.D
 Acq: 17 Aug 2022 12:42

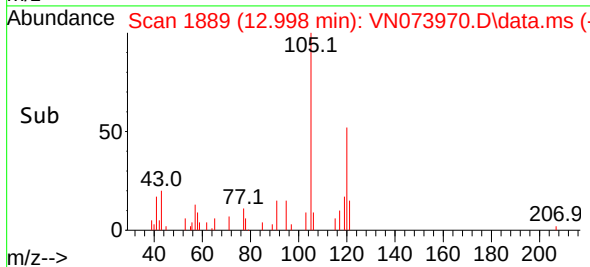
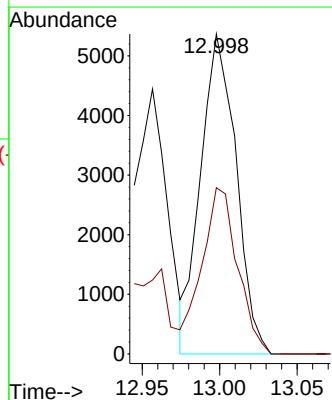
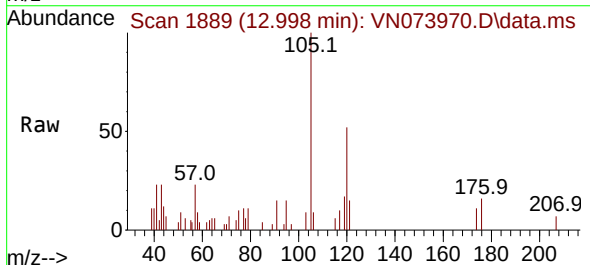
Instrument :
 MSVOA_N
 ClientSampleId :
 GFD-TOTESDL

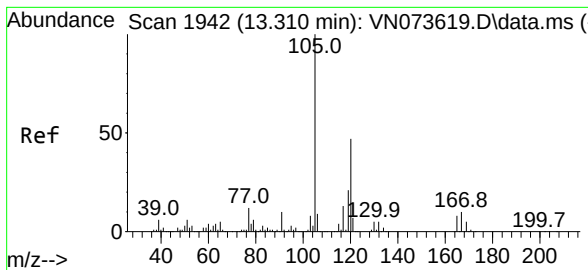
Tgt Ion:152 Resp: 452361
 Ion Ratio Lower Upper
 152 100
 115 54.9 28.9 86.7
 150 156.8 0.0 356.2



#80
 1,3,5-Trimethylbenzene
 Concen: 0.318 ug/l
 RT: 12.998 min Scan# 1889
 Delta R.T. -0.000 min
 Lab File: VN073970.D
 Acq: 17 Aug 2022 12:42

Tgt Ion:105 Resp: 8527
 Ion Ratio Lower Upper
 105 100
 120 52.5 24.9 74.7





#84
 1,2,4-Trimethylbenzene
 Concen: 0.870 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. -0.006 min
 Lab File: VN073970.D
 Acq: 17 Aug 2022 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 GFD-TOTESDL

Tgt Ion:105 Resp: 23278
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.3 69.8

