

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
 Data File : VN073352.D
 Acq On : 06 Jul 2022 18:03
 Operator : JC\MD
 Sample : N3586-05 10X
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31487

Quant Time: Jul 07 04:24:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

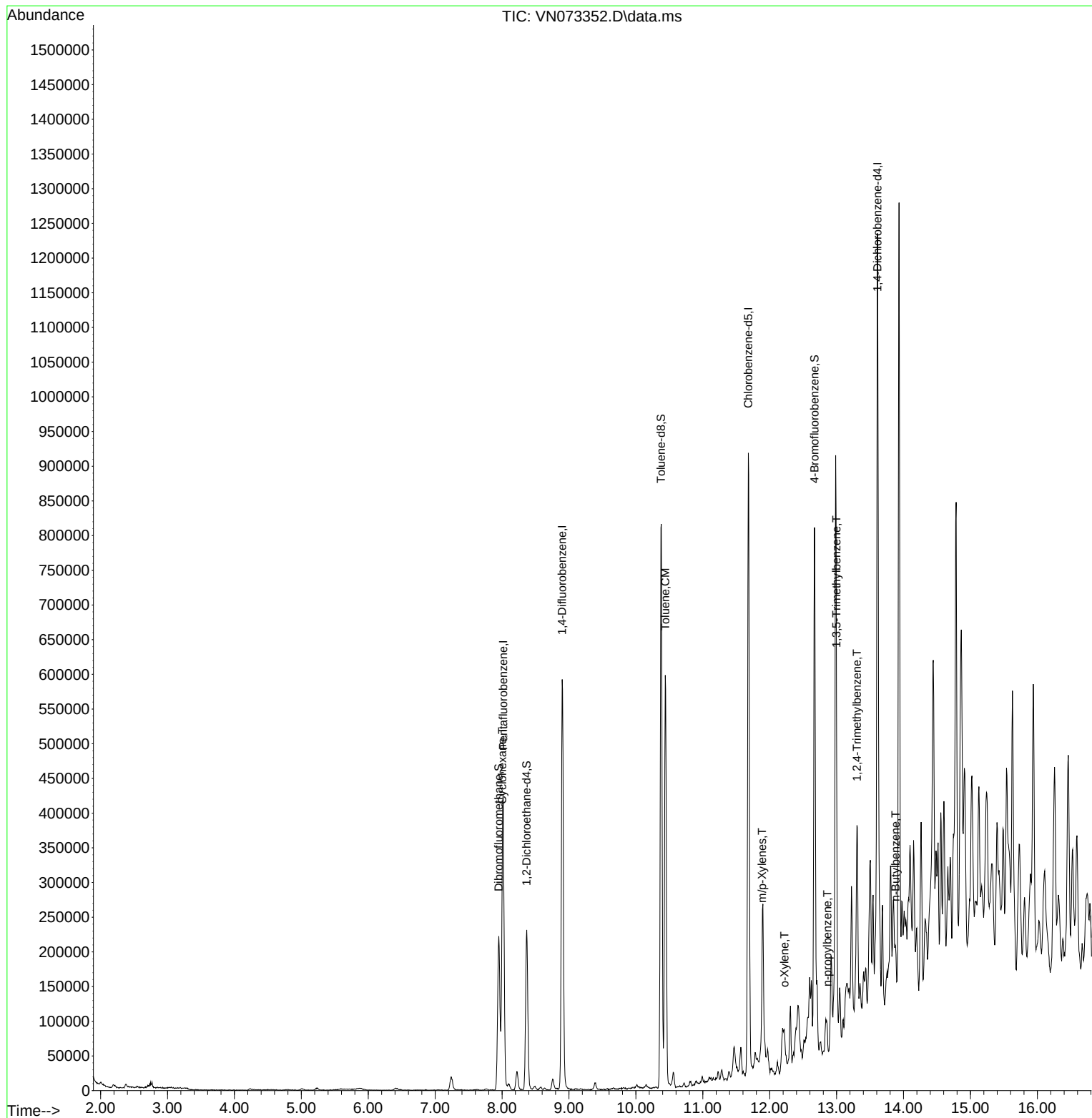
Internal Standards						
1) Pentafluorobenzene	8.016	168	318126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	531789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	514063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	261040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	193519	42.138	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.280%
35) Dibromofluoromethane	7.951	113	161495	45.645	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.280%
50) Toluene-d8	10.375	98	565642	45.014	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.020%
62) 4-Bromofluorobenzene	12.669	95	265880	55.058	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.120%
Target Compounds						
					Qvalue	
31) Cyclohexane	8.004	56	11122	1.479	ug/l #	67
52) Toluene	10.439	92	256349	24.689	ug/l	100
68) m/p-Xylenes	11.886	106	19141	2.403	ug/l	100
69) o-Xylene	12.222	106	11003	1.353	ug/l	92
78) n-propylbenzene	12.863	91	29969	1.197	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	40619	2.211	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	152721	8.325	ug/l	98
89) n-Butylbenzene	13.880	91	32324	2.171	ug/l #	78

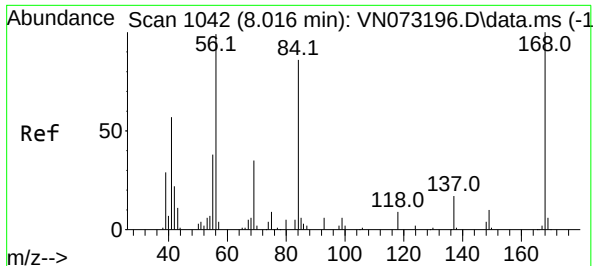
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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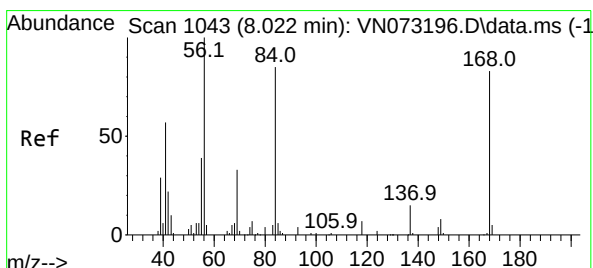
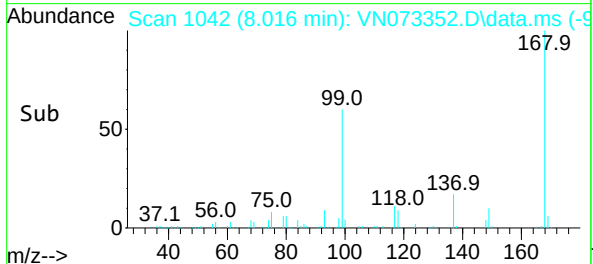
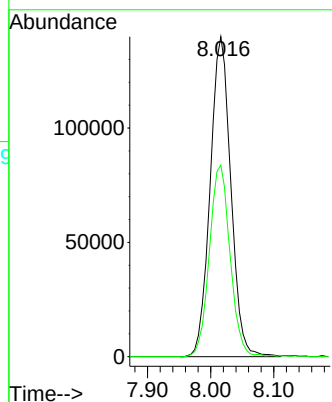
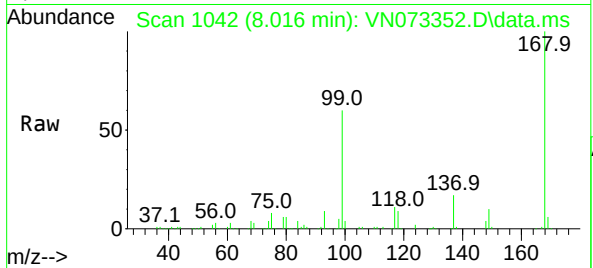




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073352.D
Acq: 06 Jul 2022 18:03

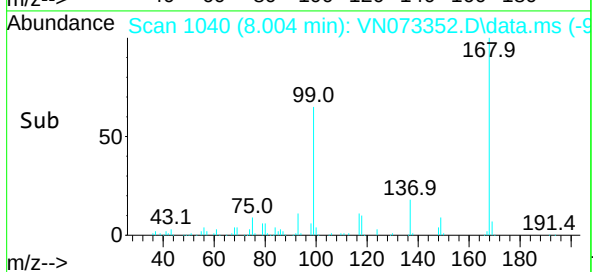
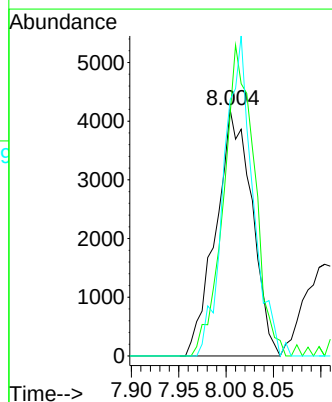
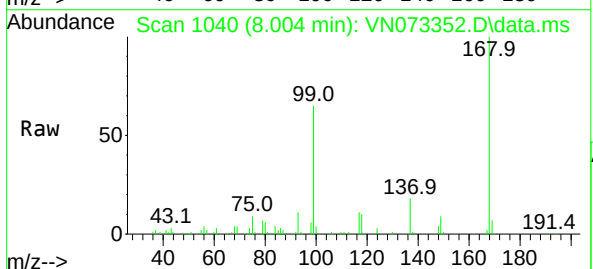
Instrument :
MSVOA_N
ClientSampleId :
31487

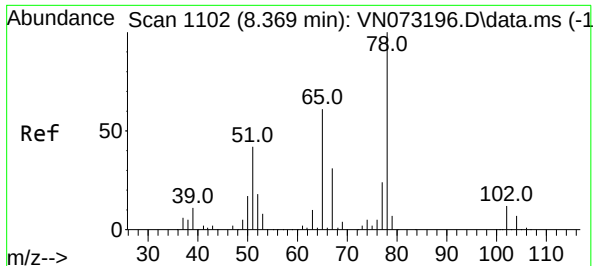
Tgt Ion:168 Resp: 318126
Ion Ratio Lower Upper
168 100
99 59.9 42.3 63.5



#31
Cyclohexane
Concen: 1.479 ug/l
RT: 8.004 min Scan# 1040
Delta R.T. -0.018 min
Lab File: VN073352.D
Acq: 06 Jul 2022 18:03

Tgt Ion: 56 Resp: 11122
Ion Ratio Lower Upper
56 100
69 93.7 27.8 41.8#
84 103.9 76.9 115.3

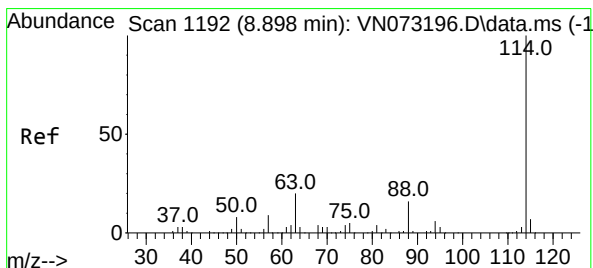
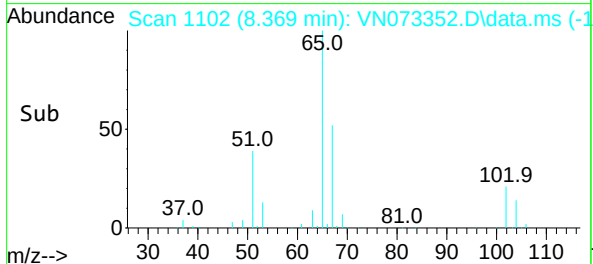
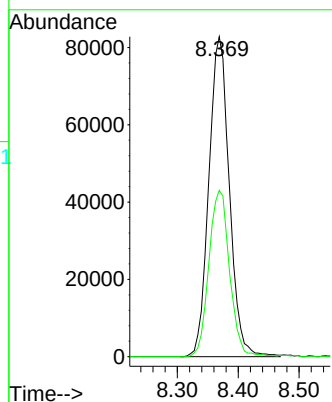
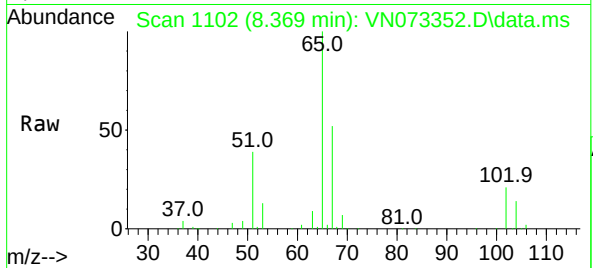




#33
 1,2-Dichloroethane-d4
 Concen: 42.138 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN073352.D
 Acq: 06 Jul 2022 18:03

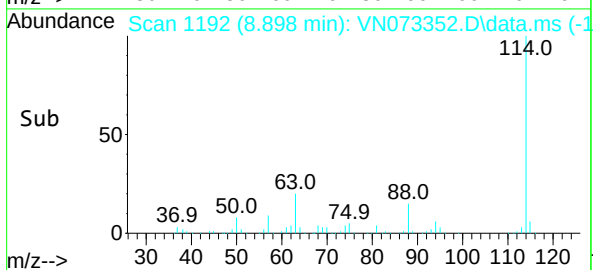
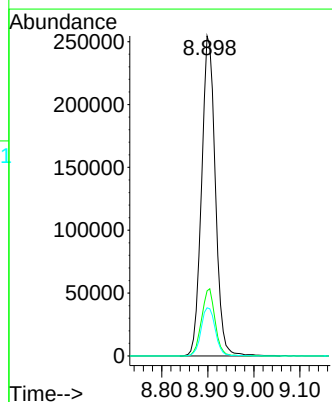
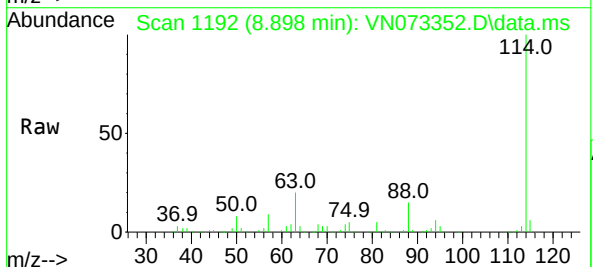
Instrument :
 MSVOA_N
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 31487

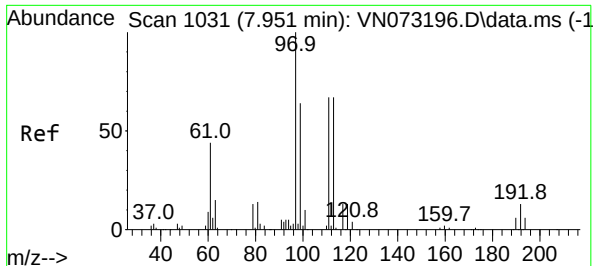
Tgt Ion: 65 Resp: 193519
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.898 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: VN073352.D
 Acq: 06 Jul 2022 18:03

Tgt Ion: 114 Resp: 531789
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.0
 88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 45.645 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073352.D

Acq: 06 Jul 2022 18:03

Instrument :

MSVOA_N

ClientSampleId :

31487

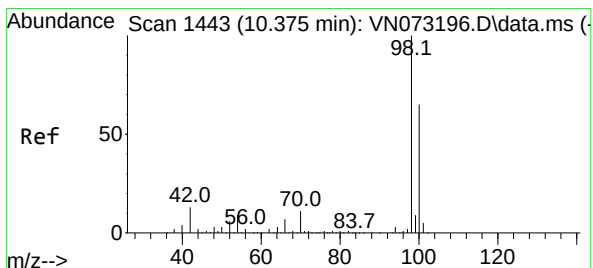
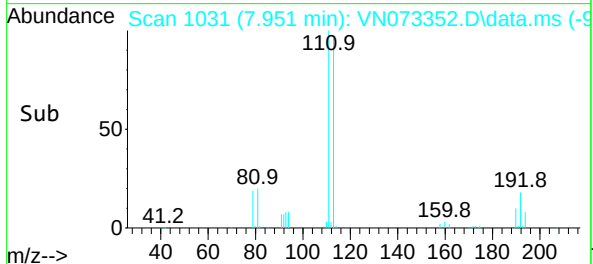
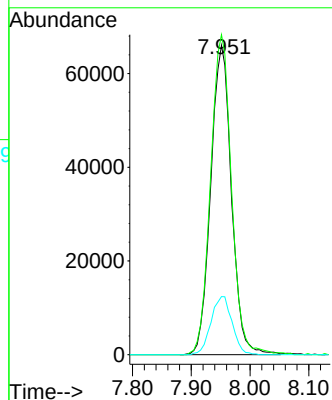
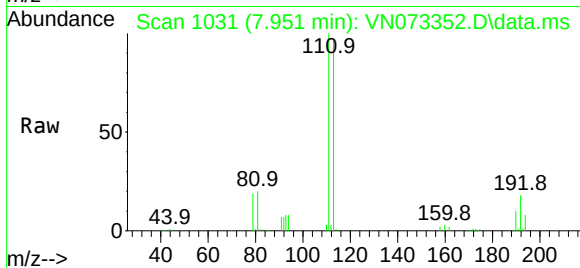
Tgt Ion:113 Resp: 161495

Ion Ratio Lower Upper

113 100

111 104.7 81.4 122.0

192 19.1 17.0 25.6



#50

Toluene-d8

Concen: 45.014 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VN073352.D

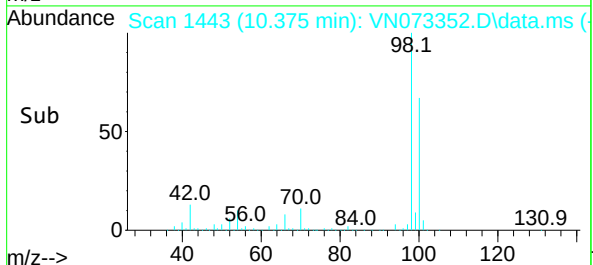
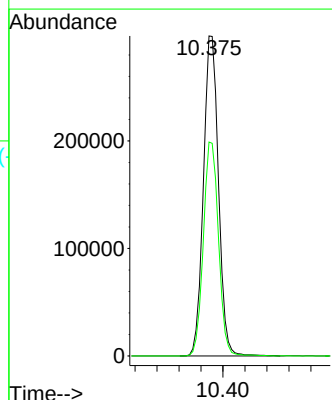
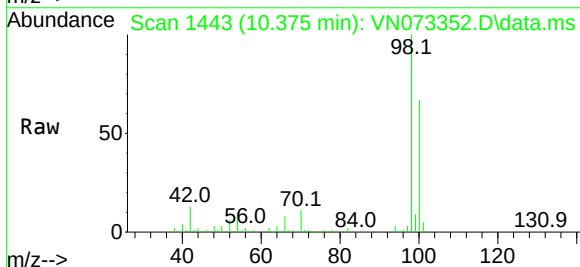
Acq: 06 Jul 2022 18:03

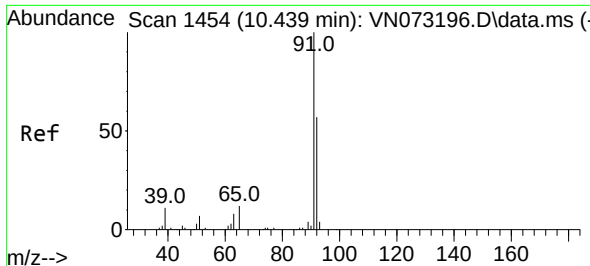
Tgt Ion: 98 Resp: 565642

Ion Ratio Lower Upper

98 100

100 67.3 52.6 78.8

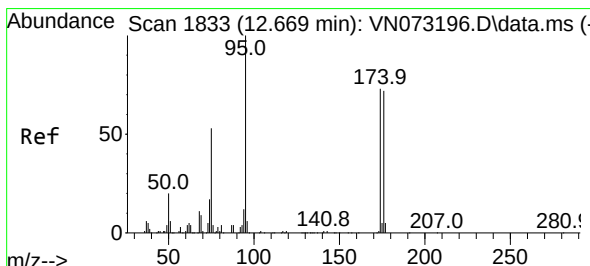
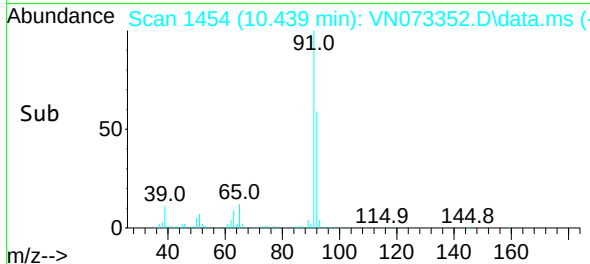
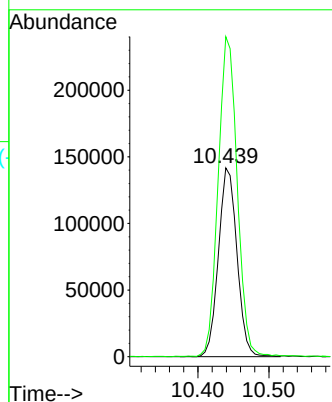
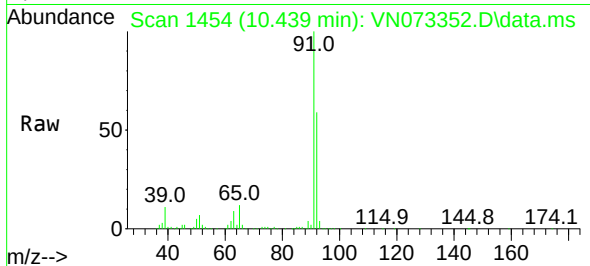




#52
Toluene
Concen: 24.689 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073352.D
Acq: 06 Jul 2022 18:03

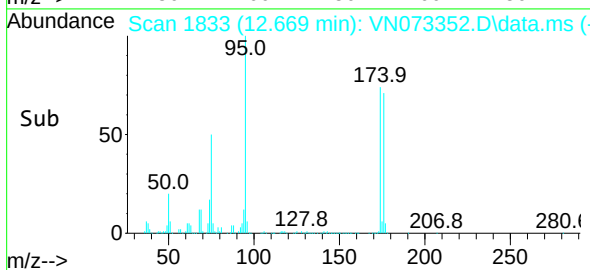
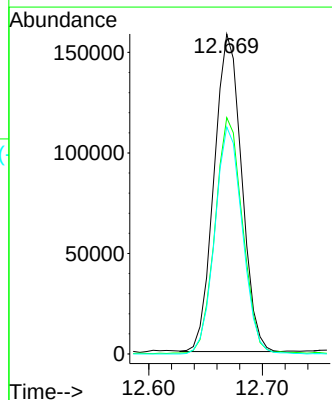
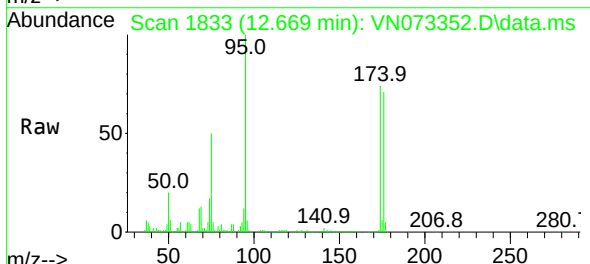
Instrument :
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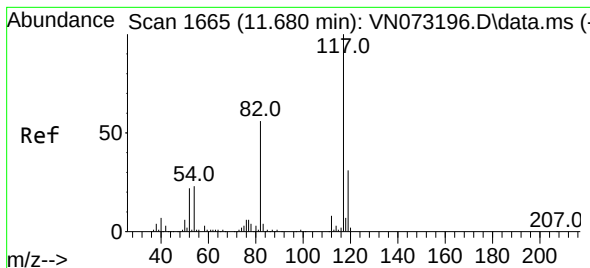
Tgt Ion: 92 Resp: 256349
Ion Ratio Lower Upper
92 100
91 173.6 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 55.058 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073352.D
Acq: 06 Jul 2022 18:03

Tgt Ion: 95 Resp: 265880
Ion Ratio Lower Upper
95 100
174 74.4 0.0 167.6
176 71.5 0.0 163.4

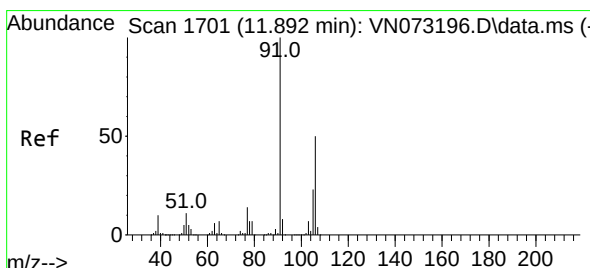
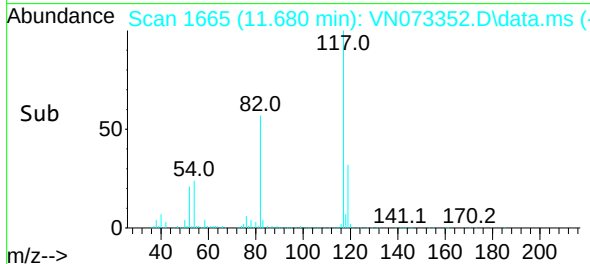
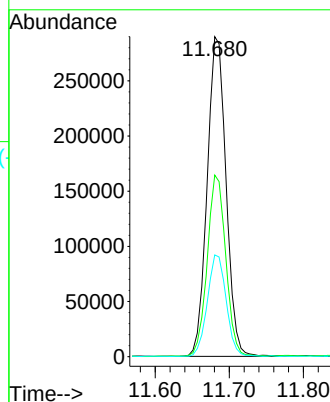
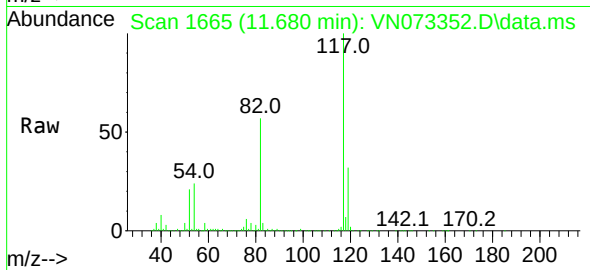




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073352.D
Acq: 06 Jul 2022 18:03

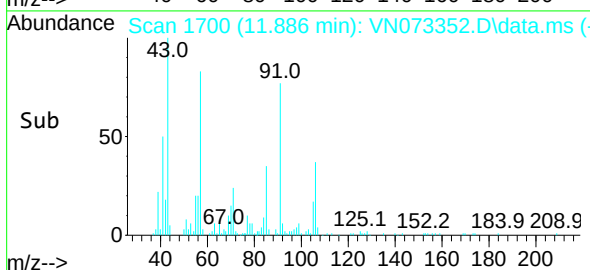
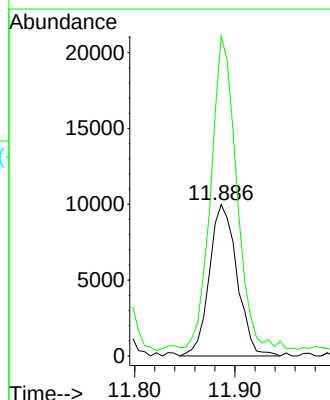
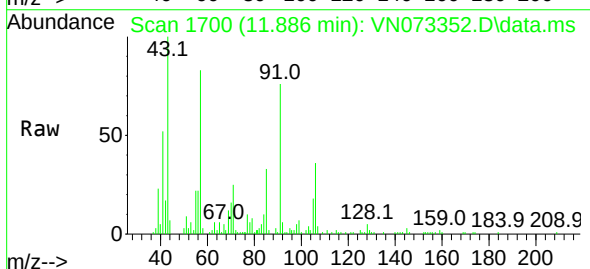
Instrument :
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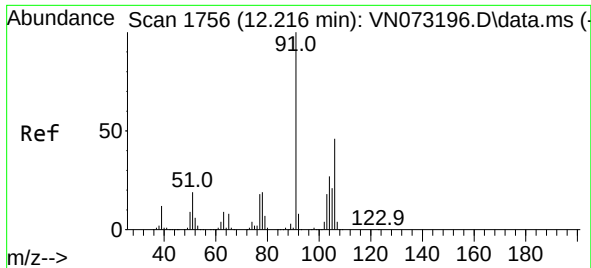
Tgt Ion:117 Resp: 514063
Ion Ratio Lower Upper
117 100
82 56.6 44.2 66.2
119 31.8 25.4 38.0



#68
m/p-Xylenes
Concen: 2.403 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN073352.D
Acq: 06 Jul 2022 18:03

Tgt Ion:106 Resp: 19141
Ion Ratio Lower Upper
106 100
91 198.5 158.9 238.3

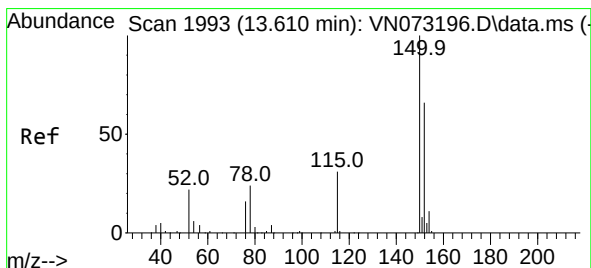
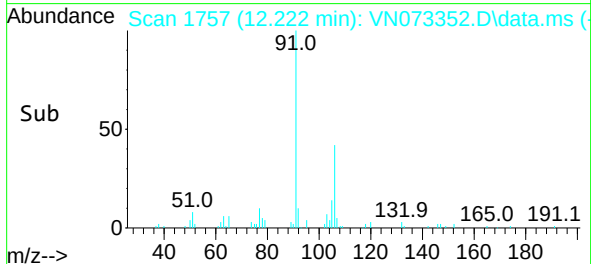
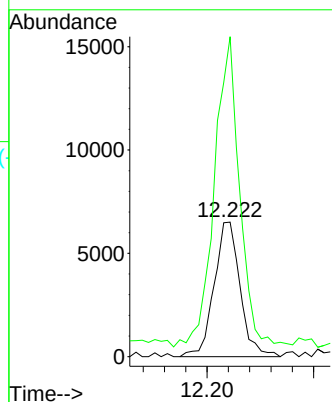
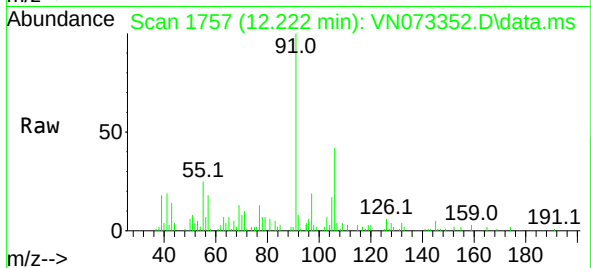




#69
o-Xylene
Concen: 1.353 ug/l
RT: 12.222 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073352.D
Acq: 06 Jul 2022 18:03

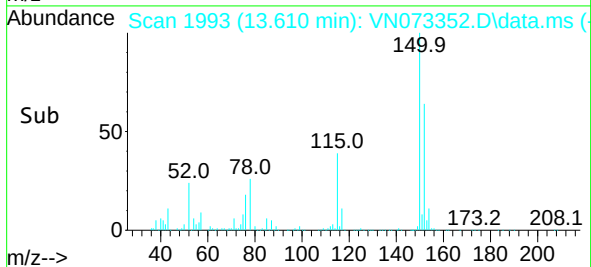
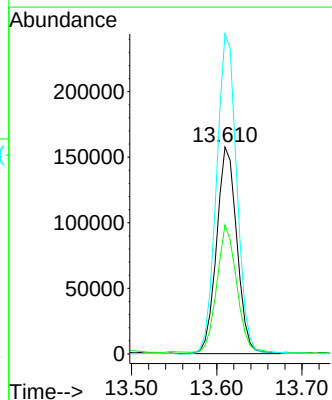
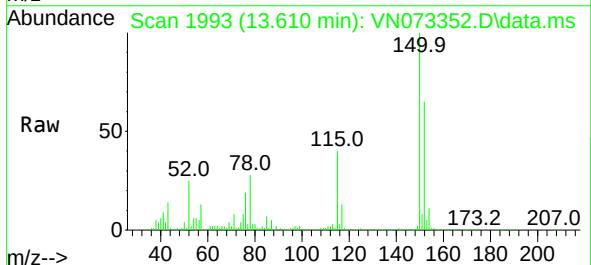
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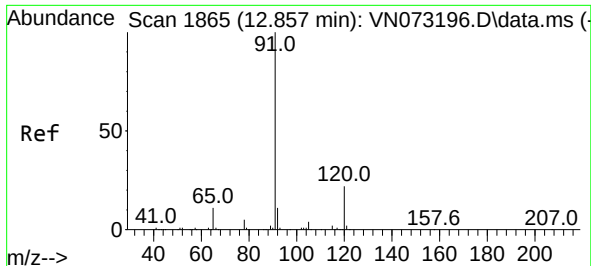
Tgt Ion:106 Resp: 11003
Ion Ratio Lower Upper
106 100
91 224.0 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073352.D
Acq: 06 Jul 2022 18:03

Tgt Ion:152 Resp: 261040
Ion Ratio Lower Upper
152 100
115 60.4 28.9 86.7
150 155.4 0.0 356.2

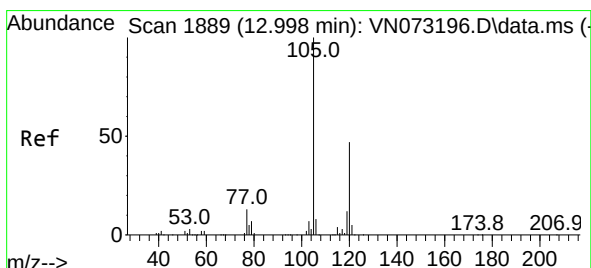
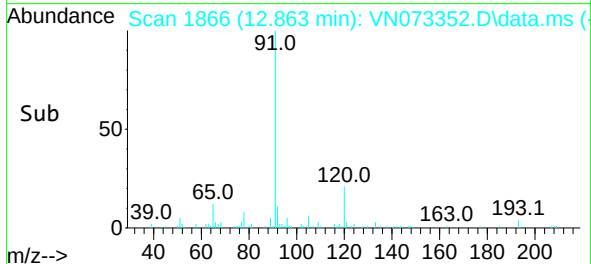
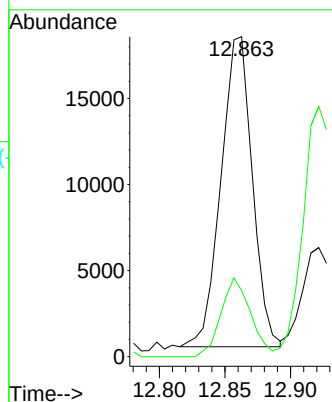
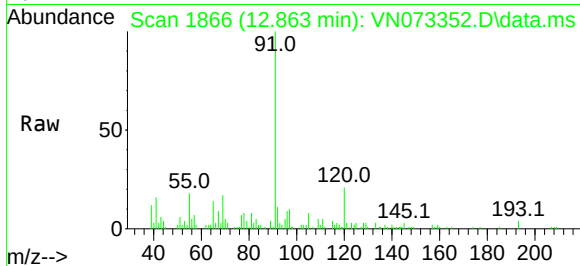




#78
n-propylbenzene
Concen: 1.197 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VN073352.D
Acq: 06 Jul 2022 18:03

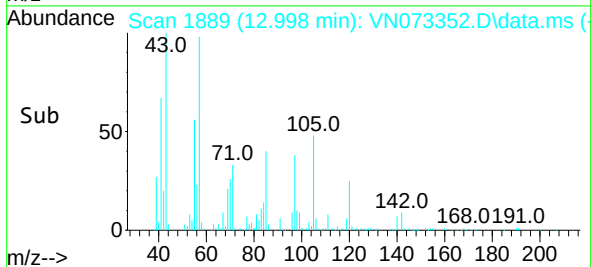
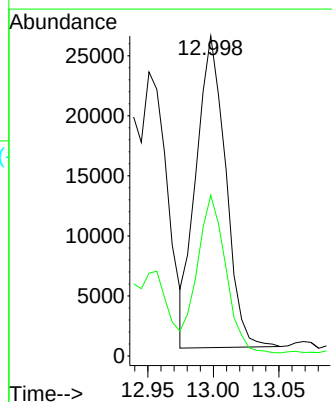
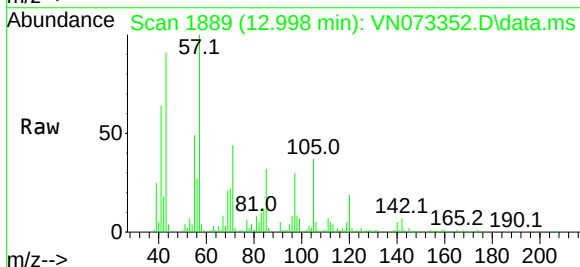
Instrument :
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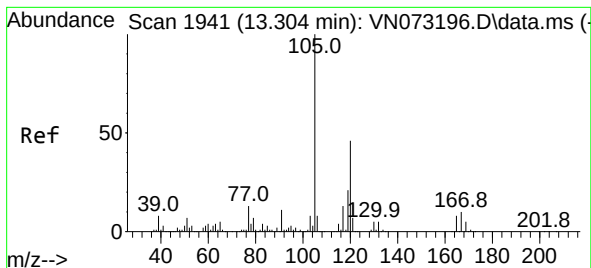
Tgt Ion: 91 Resp: 29969
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 2.211 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073352.D
Acq: 06 Jul 2022 18:03

Tgt Ion: 105 Resp: 40619
Ion Ratio Lower Upper
105 100
120 49.2 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 8.325 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073352.D

Acq: 06 Jul 2022 18:03

Instrument :

MSVOA_N

ClientSampleId :

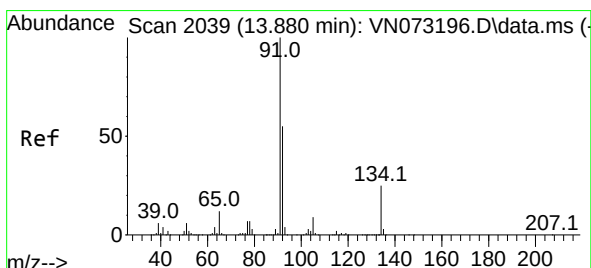
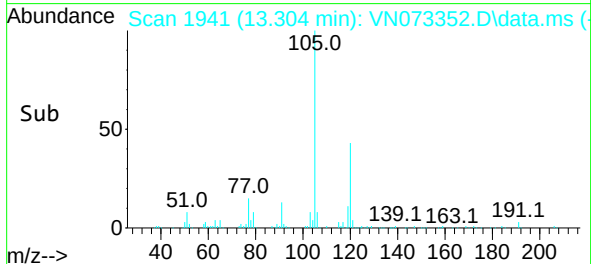
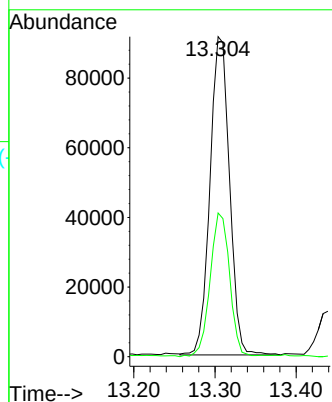
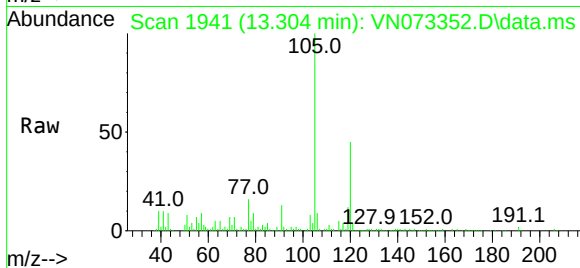
31487

Tgt Ion:105 Resp: 152721

Ion Ratio Lower Upper

105 100

120 45.1 23.3 69.8



#89

n-Butylbenzene

Concen: 2.171 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073352.D

Acq: 06 Jul 2022 18:03

Tgt Ion: 91 Resp: 32324

Ion Ratio Lower Upper

91 100

92 58.1 26.9 80.7

134 0.0 13.6 40.8#

