

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
 Data File : VN073371.D
 Acq On : 07 Jul 2022 15:07
 Operator : JC\MD
 Sample : N3564-34ME
 Misc : 5.64g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-16-2-3-GRME

Quant Time: Jul 07 16:15:18 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)

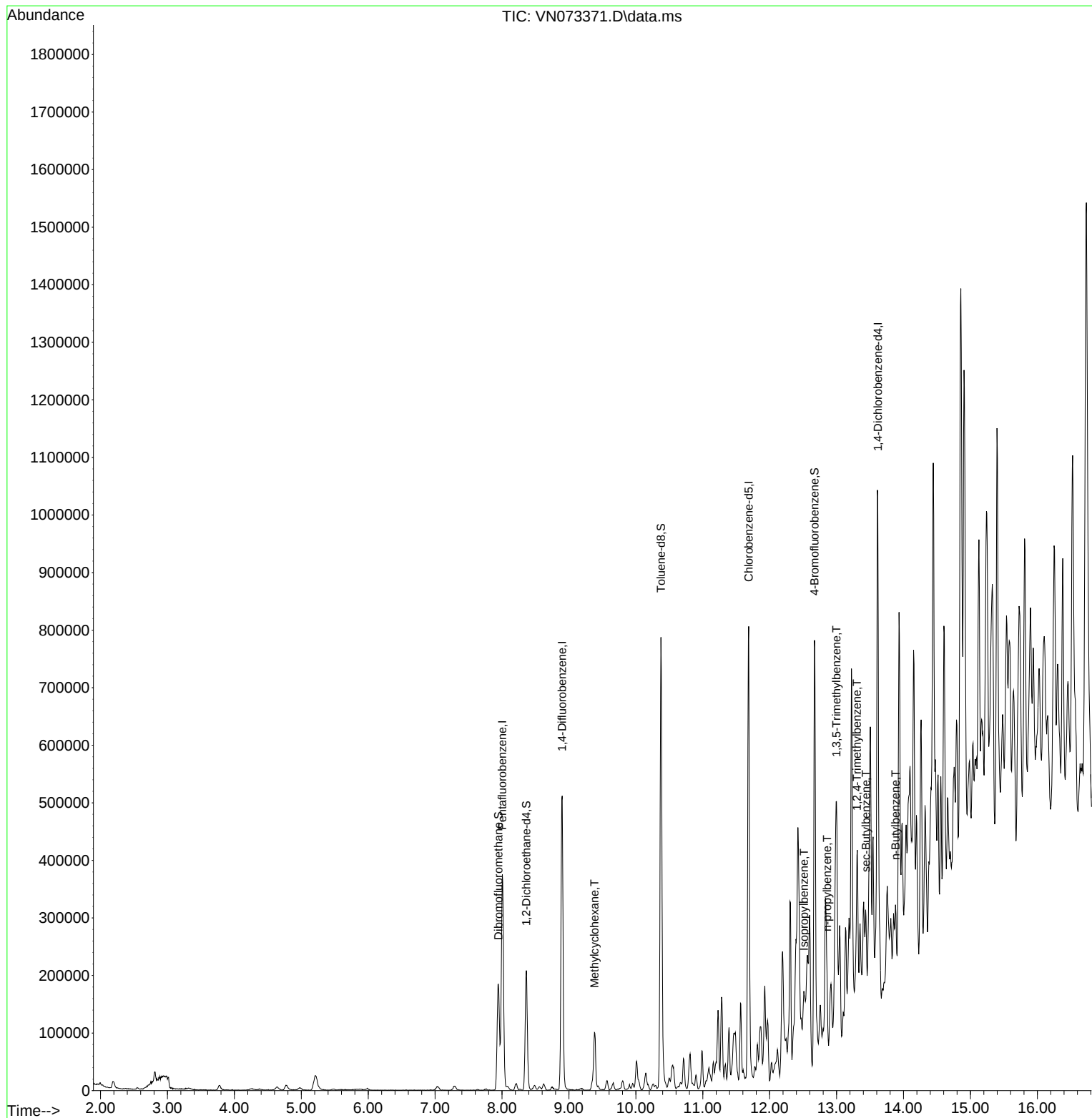
Internal Standards						
1) Pentafluorobenzene	8.004	168	272315	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	454586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	452032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	245728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	170596	43.396	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.800%		
35) Dibromofluoromethane	7.945	113	140052	46.307	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.620%		
50) Toluene-d8	10.375	98	499932	46.541	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.080%		
62) 4-Bromofluorobenzene	12.669	95	244066	59.124	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	118.240%		
Target Compounds					Qvalue	
39) Methylcyclohexane	9.381	83	42447	7.326	ug/l	96
73) Isopropylbenzene	12.516	105	32794	1.545	ug/l	99
78) n-propylbenzene	12.857	91	65940	2.797	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	39666	2.293	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	141039	8.168	ug/l	99
85) sec-Butylbenzene	13.439	105	47999	2.305	ug/l #	77
89) n-Butylbenzene	13.880	91	70003	4.995	ug/l #	74

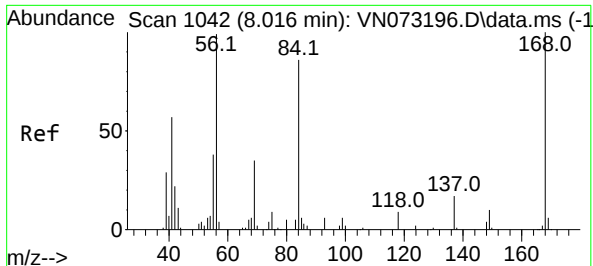
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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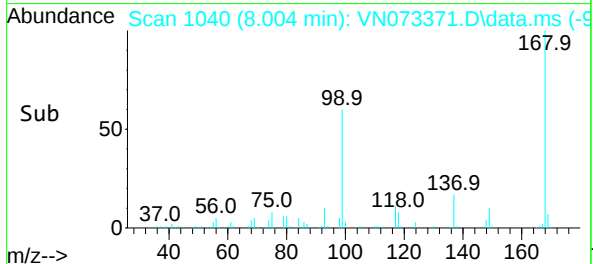
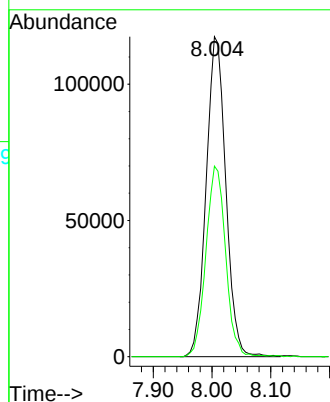
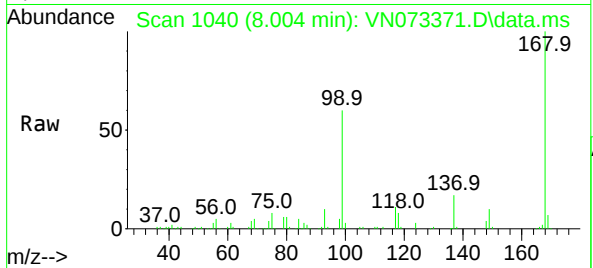




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1101
Delta R.T. -0.012 min
Lab File: VN073371.D
Acq: 07 Jul 2022 15:07

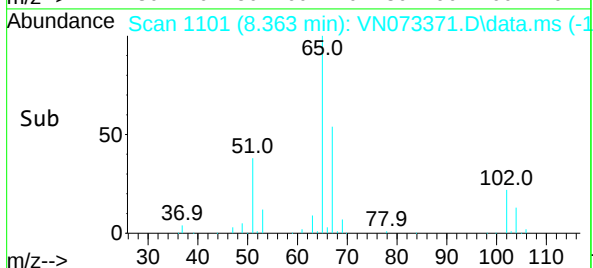
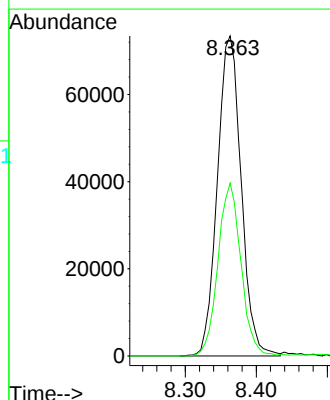
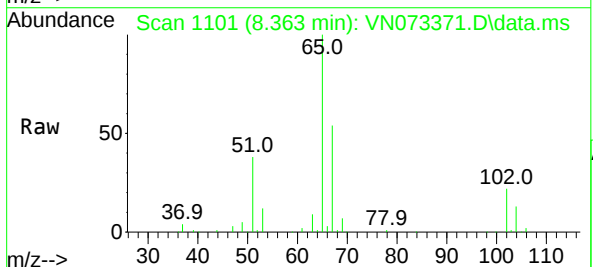
Instrument :
MSVOA_N
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WC-16-2-3-GRME

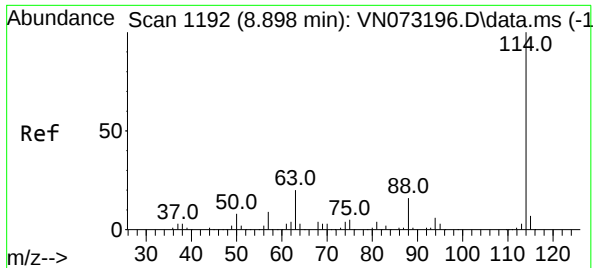
Tgt Ion:168 Resp: 272315
Ion Ratio Lower Upper
168 100
99 59.5 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 43.396 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073371.D
Acq: 07 Jul 2022 15:07

Tgt Ion: 65 Resp: 170596
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8

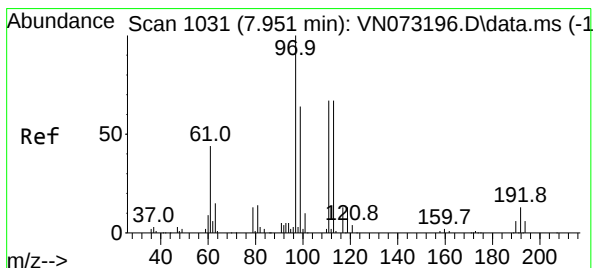
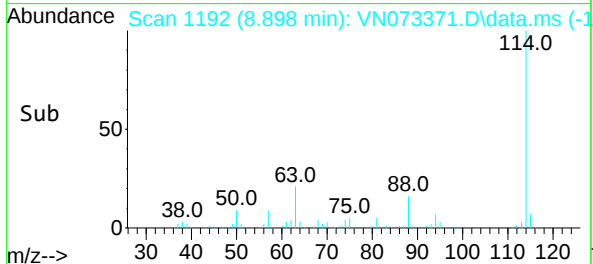
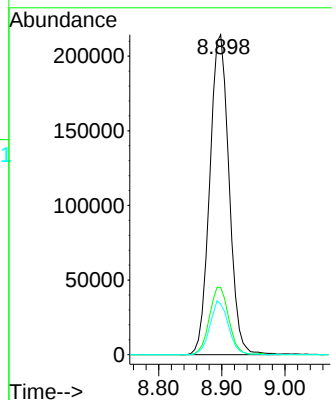
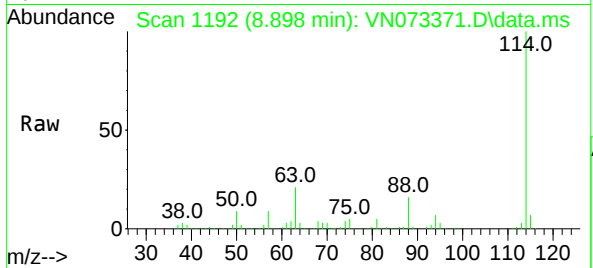




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073371.D
Acq: 07 Jul 2022 15:07

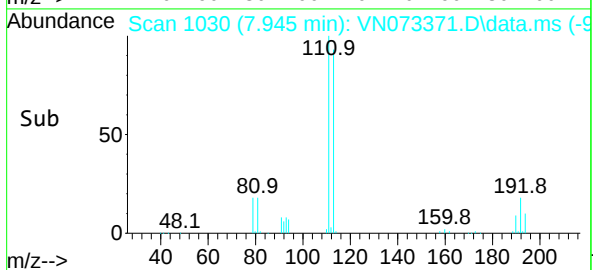
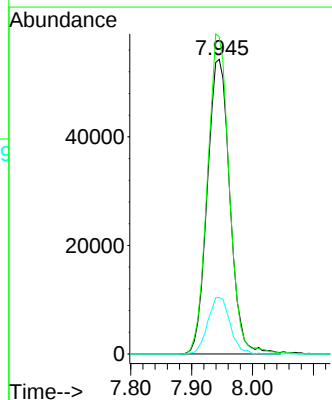
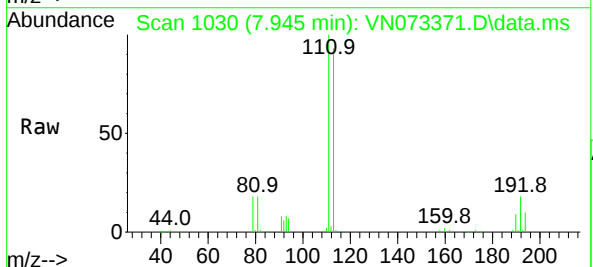
Instrument :
MSVOA_N
ClientSampleId :
WC-16-2-3-GRME

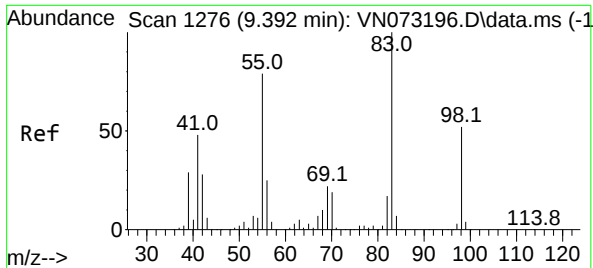
Tgt Ion:114 Resp: 454586
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.0
88 15.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.307 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN073371.D
Acq: 07 Jul 2022 15:07

Tgt Ion:113 Resp: 140052
Ion Ratio Lower Upper
113 100
111 104.9 81.4 122.0
192 18.8 17.0 25.6





#39

Methylcyclohexane

Concen: 7.326 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.011 min

Lab File: VN073371.D

Acq: 07 Jul 2022 15:07

Instrument :

MSVOA_N

ClientSampleId :

WC-16-2-3-GRME

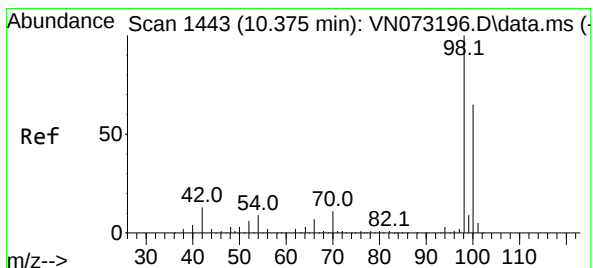
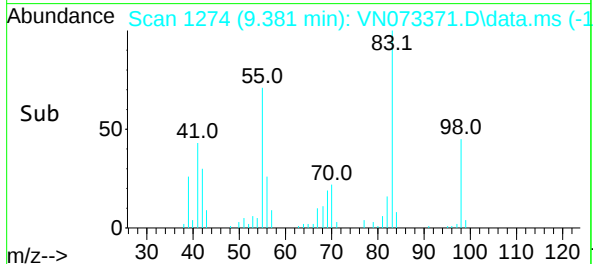
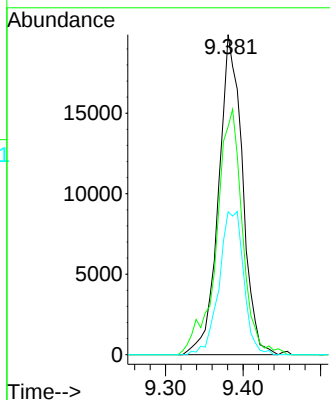
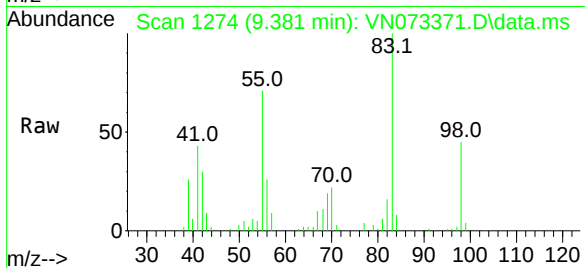
Tgt Ion: 83 Resp: 42447

Ion Ratio Lower Upper

83 100

55 71.3 57.8 86.8

98 44.6 39.4 59.2



#50

Toluene-d8

Concen: 46.541 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VN073371.D

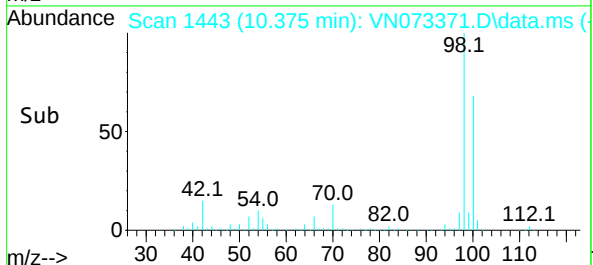
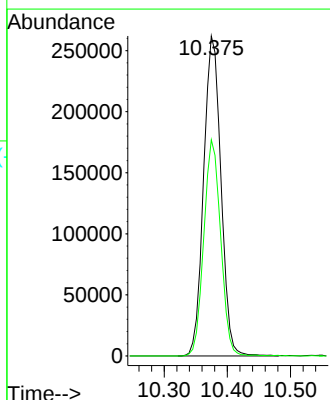
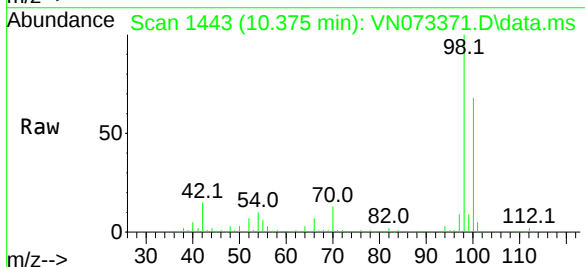
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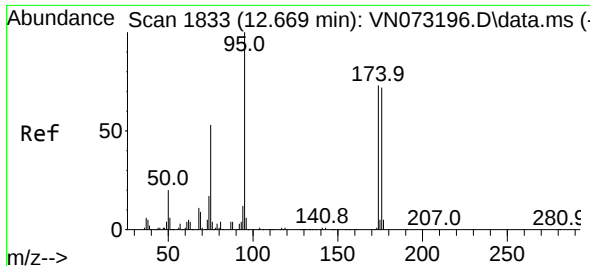
Tgt Ion: 98 Resp: 499932

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8

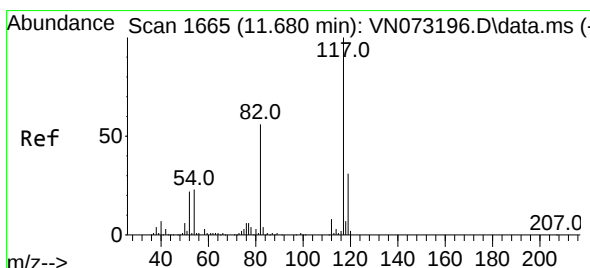
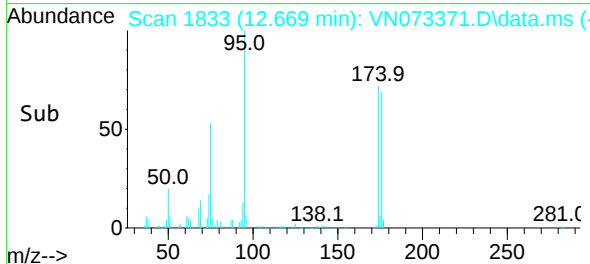
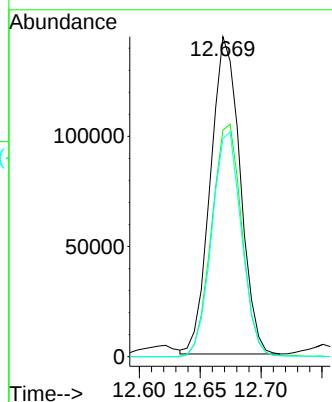
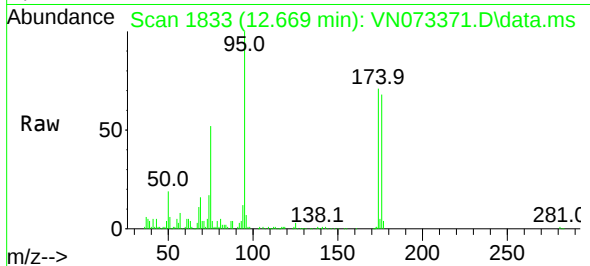




#62
4-Bromofluorobenzene
Concen: 59.124 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073371.D
Acq: 07 Jul 2022 15:07

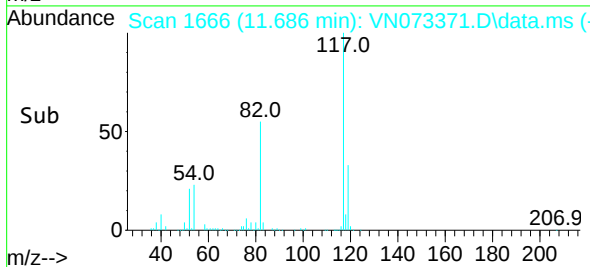
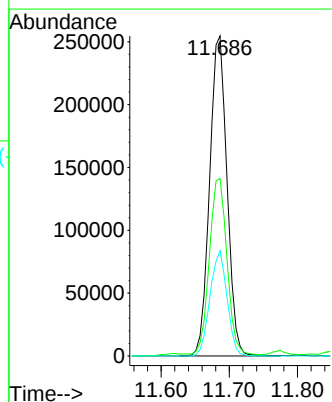
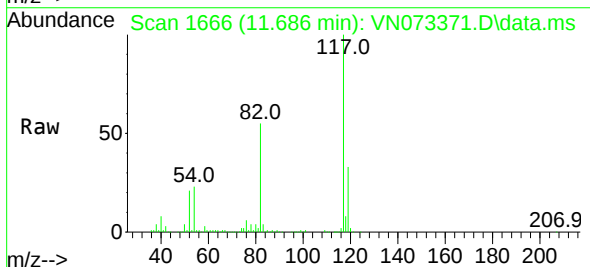
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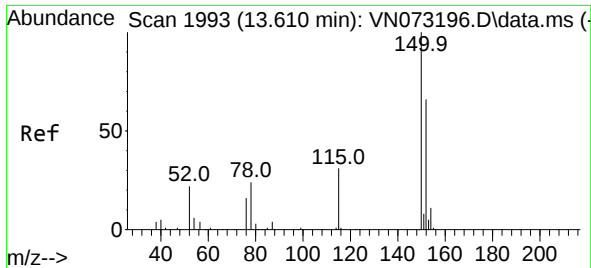
Tgt Ion: 95 Resp: 244066
Ion Ratio Lower Upper
95 100
174 74.4 0.0 167.6
176 71.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073371.D
Acq: 07 Jul 2022 15:07

Tgt Ion: 117 Resp: 452032
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 32.9 25.4 38.0

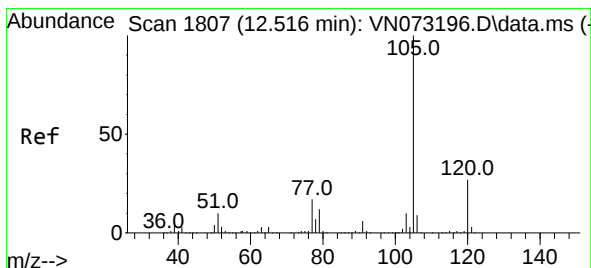
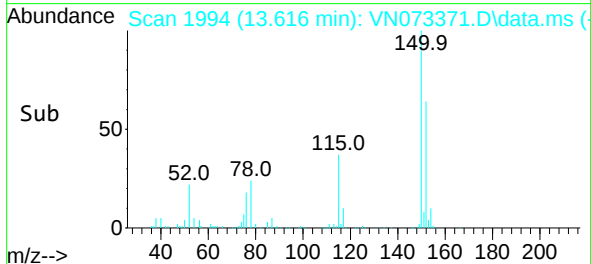
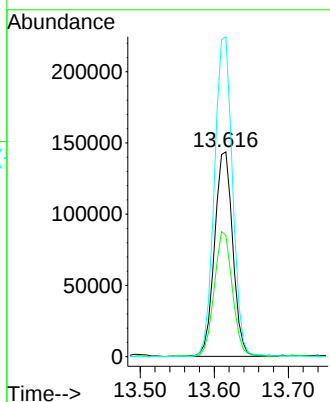
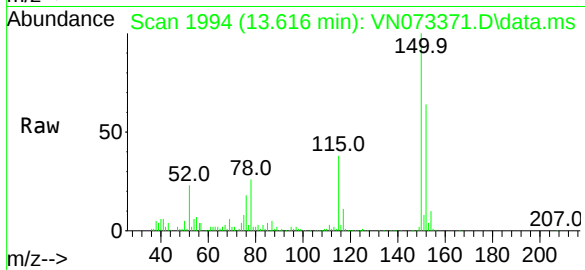




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN073371.D
Acq: 07 Jul 2022 15:07

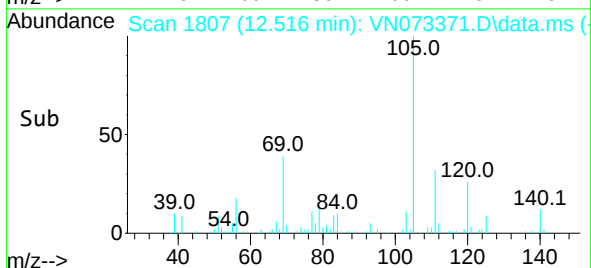
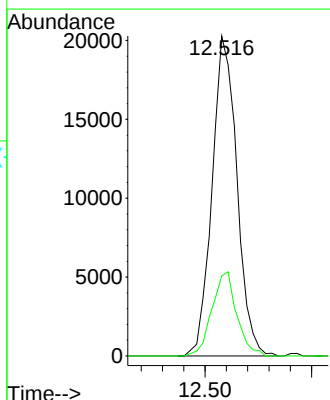
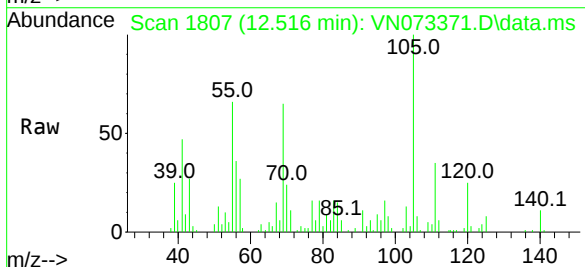
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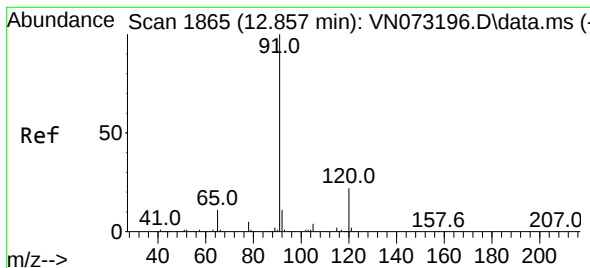
Tgt Ion:152 Resp: 245728
Ion Ratio Lower Upper
152 100
115 61.5 28.9 86.7
150 155.6 0.0 356.2



#73
Isopropylbenzene
Concen: 1.545 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073371.D
Acq: 07 Jul 2022 15:07

Tgt Ion:105 Resp: 32794
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.4





#78

n-propylbenzene

Concen: 2.797 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073371.D

Acq: 07 Jul 2022 15:07

Instrument :

MSVOA_N

ClientSampleId :

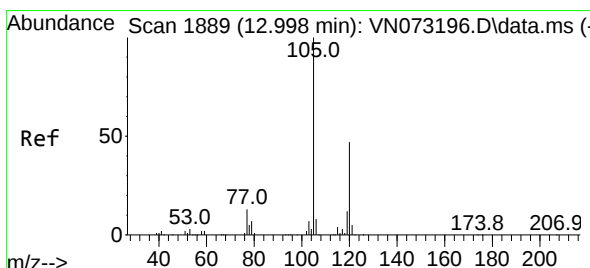
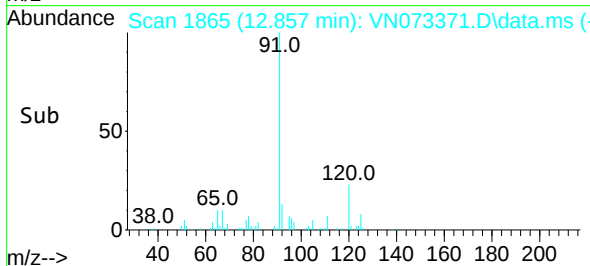
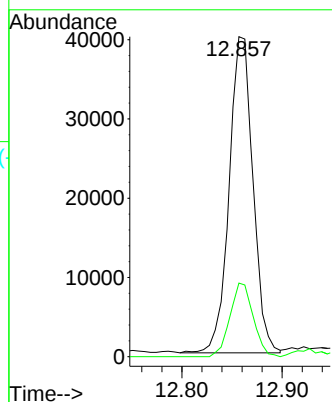
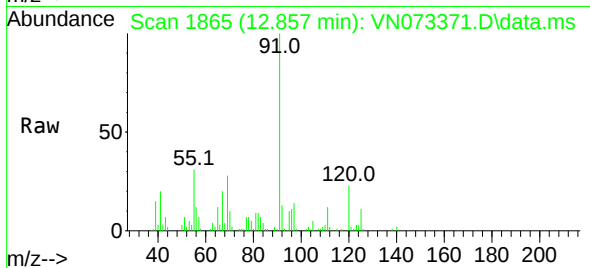
WC-16-2-3-GRME

Tgt Ion: 91 Resp: 65940

Ion Ratio Lower Upper

91 100

120 22.6 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 2.293 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073371.D

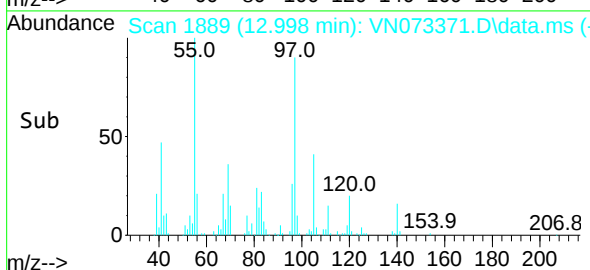
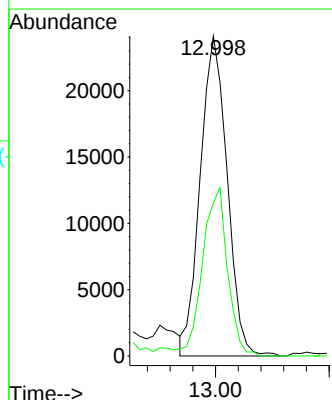
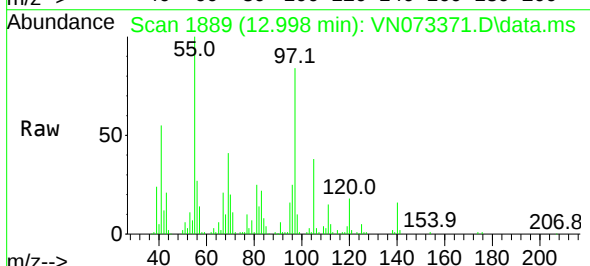
Acq: 07 Jul 2022 15:07

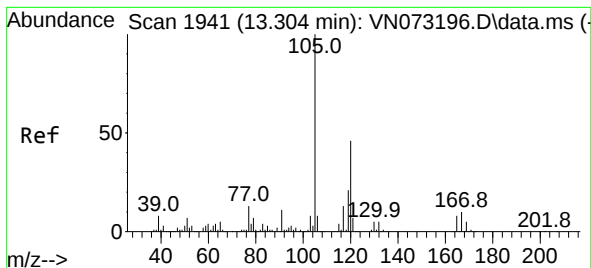
Tgt Ion: 105 Resp: 39666

Ion Ratio Lower Upper

105 100

120 48.9 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 8.168 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073371.D

Acq: 07 Jul 2022 15:07

Instrument :

MSVOA_N

ClientSampleId :

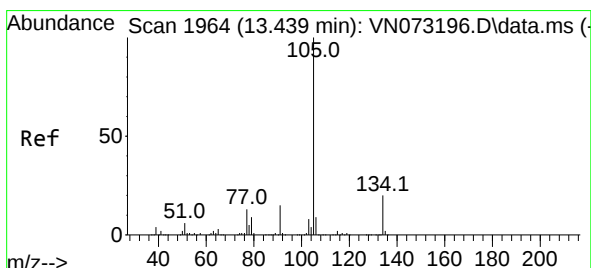
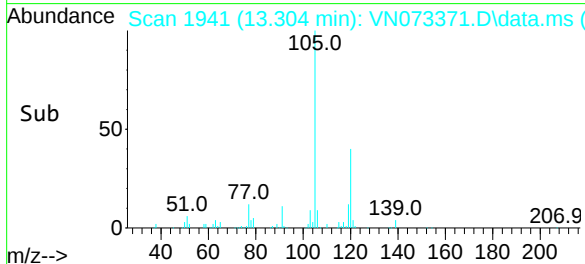
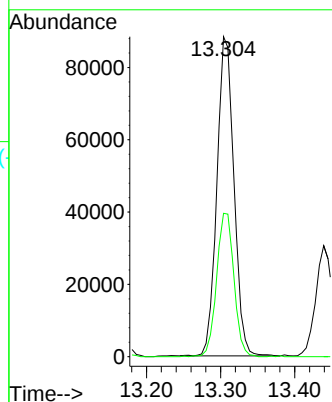
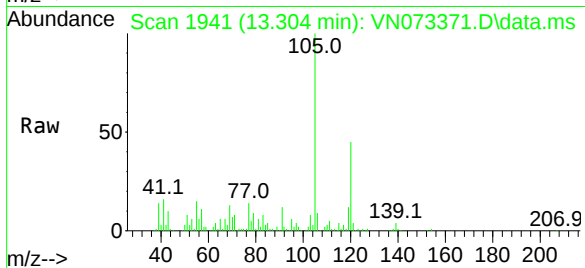
WC-16-2-3-GRME

Tgt Ion:105 Resp: 141039

Ion Ratio Lower Upper

105 100

120 45.6 23.3 69.8



#85

sec-Butylbenzene

Concen: 2.305 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073371.D

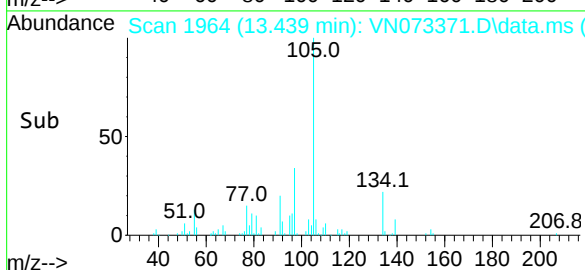
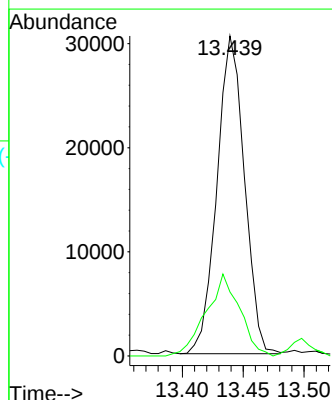
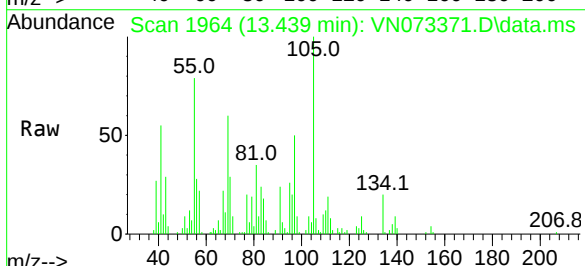
Acq: 07 Jul 2022 15:07

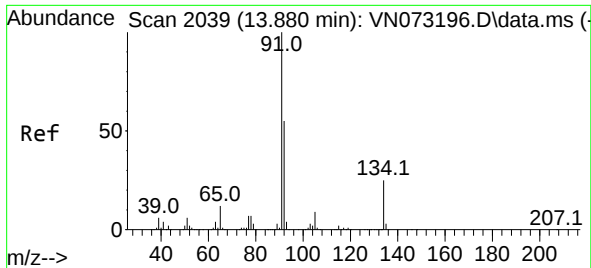
Tgt Ion:105 Resp: 47999

Ion Ratio Lower Upper

105 100

134 31.4 10.4 31.1#





#89
 n-Butylbenzene
 Concen: 4.995 ug/l
 RT: 13.880 min Scan# 2039
 Delta R.T. 0.000 min
 Lab File: VN073371.D
 Acq: 07 Jul 2022 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-16-2-3-GRME

Tgt Ion: 91	Resp: 70003
Ion Ratio	Lower Upper
91	100
92	44.8 26.9 80.7
134	0.0 13.6 40.8#

