

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081622\
 Data File : VN073960.D
 Acq On : 16 Aug 2022 19:54
 Operator : JC\MD
 Sample : N4203-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 61023

Quant Time: Aug 17 01:21:49 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)

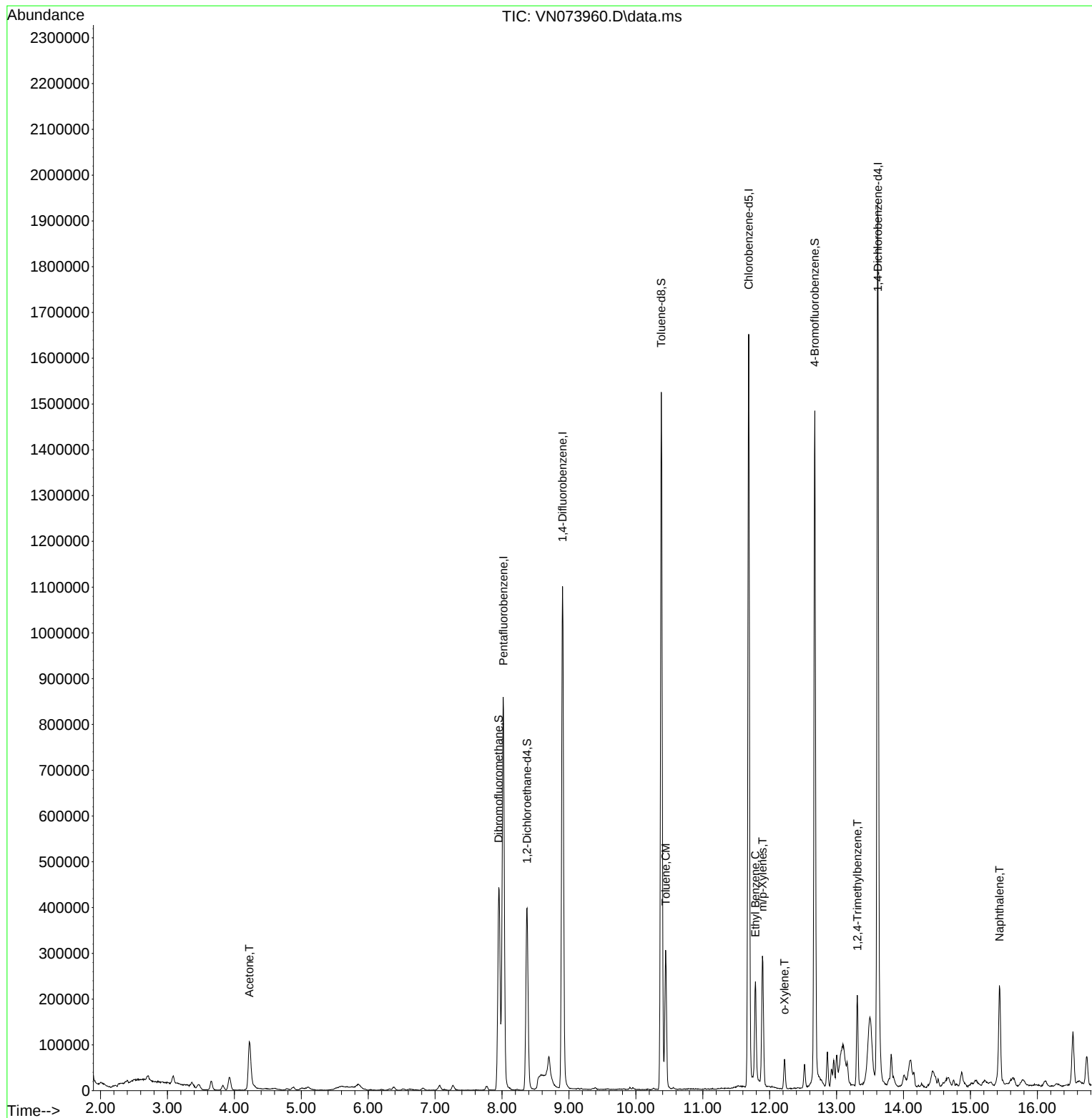
Internal Standards						
1) Pentafluorobenzene	8.022	168	726698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	1058098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	1000753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	567670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	334507	47.260	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.520%
35) Dibromofluoromethane	7.951	113	330055	52.746	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.500%
50) Toluene-d8	10.381	98	1100107	45.394	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.780%
62) 4-Bromofluorobenzene	12.674	95	487275	60.583	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	121.160%
Target Compounds						
					Qvalue	
16) Acetone	4.222	43	197638	59.185	ug/l	99
52) Toluene	10.445	92	134611	7.156	ug/l	100
67) Ethyl Benzene	11.786	91	157868	4.463	ug/l	100
68) m/p-Xylenes	11.892	106	98051	6.823	ug/l	97
69) o-Xylene	12.222	106	17667	1.226	ug/l	100
84) 1,2,4-Trimethylbenzene	13.310	105	113919	3.393	ug/l	100
95) Naphthalene	15.433	128	238715	6.004	ug/l	99

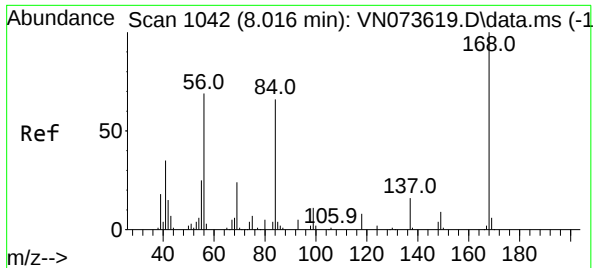
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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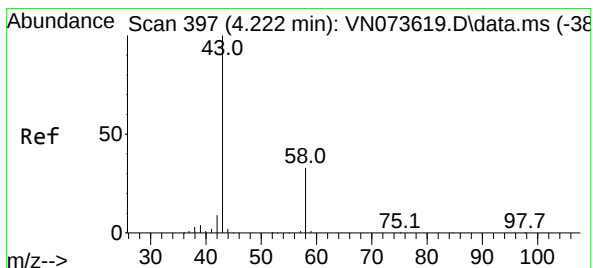
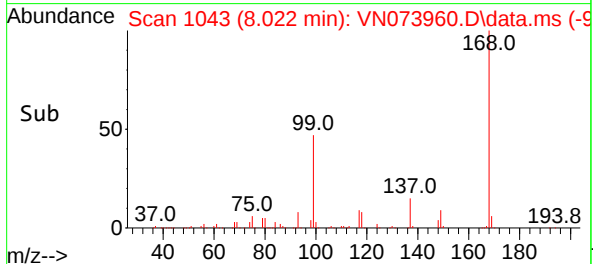
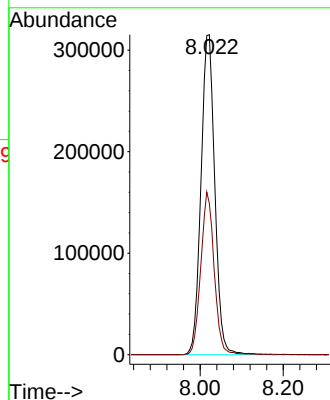
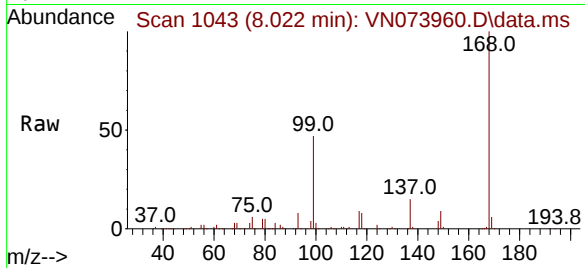




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN073960.D
Acq: 16 Aug 2022 19:54

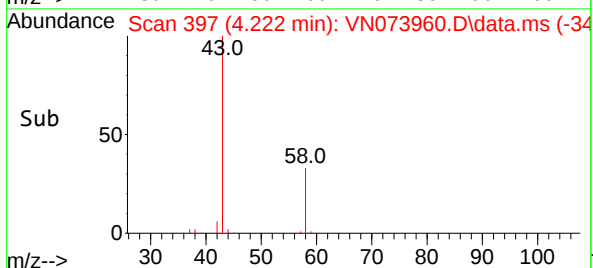
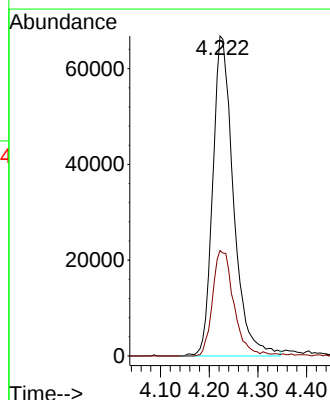
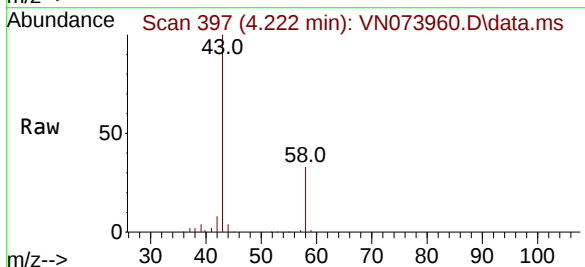
Instrument :
MSVOA_N
ClientSampleId :
61023

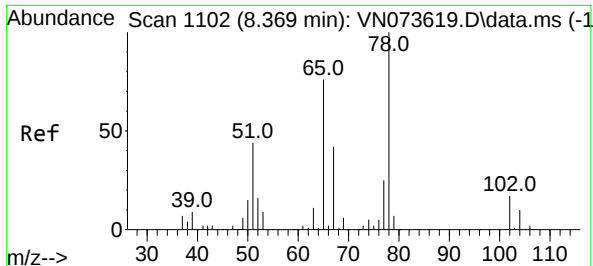
Tgt Ion:168 Resp: 726698
Ion Ratio Lower Upper
168 100
99 47.3 42.3 63.5



#16
Acetone
Concen: 59.185 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073960.D
Acq: 16 Aug 2022 19:54

Tgt Ion: 43 Resp: 197638
Ion Ratio Lower Upper
43 100
58 32.9 26.0 39.0





#33

1,2-Dichloroethane-d4

Concen: 47.260 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN073960.D

Acq: 16 Aug 2022 19:54

Instrument :

MSVOA_N

ClientSampleId :

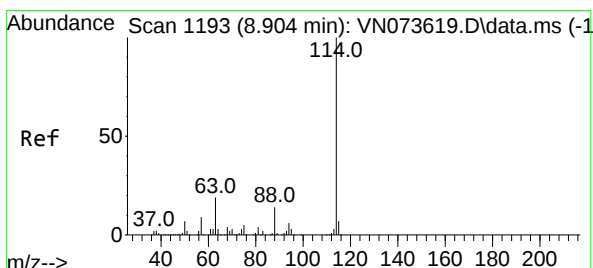
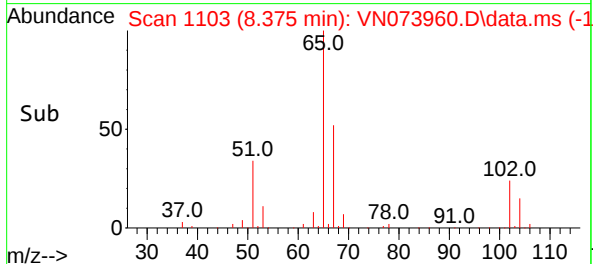
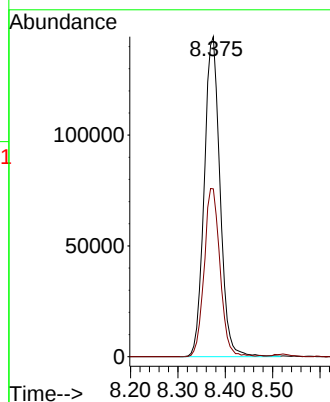
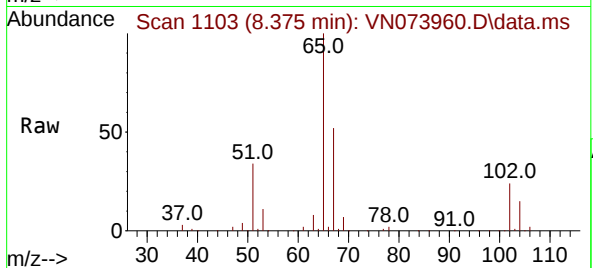
61023

Tgt Ion: 65 Resp: 334507

Ion Ratio Lower Upper

65 100

67 52.7 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: VN073960.D

Acq: 16 Aug 2022 19:54

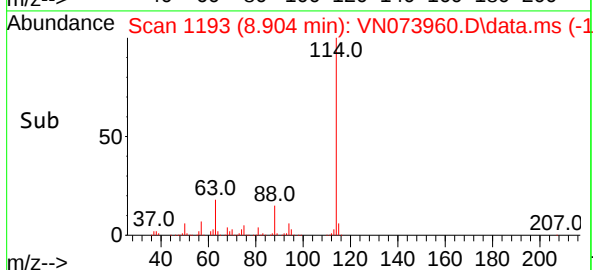
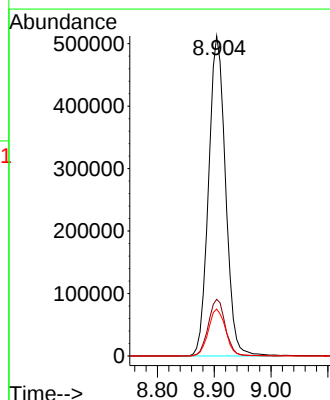
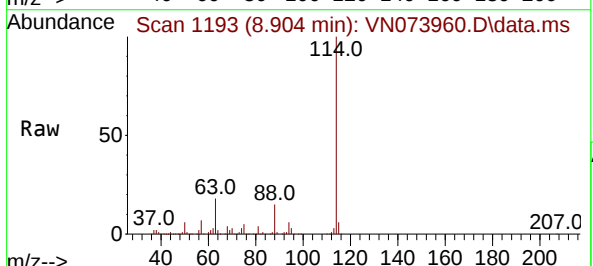
Tgt Ion: 114 Resp: 1058098

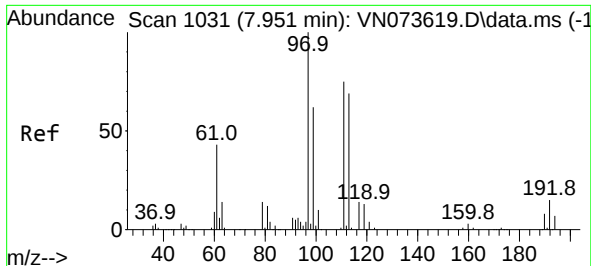
Ion Ratio Lower Upper

114 100

63 17.7 0.0 40.0

88 14.6 0.0 32.6

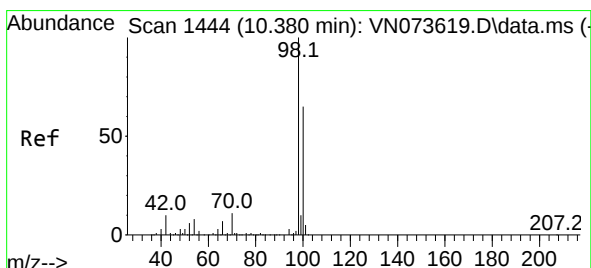
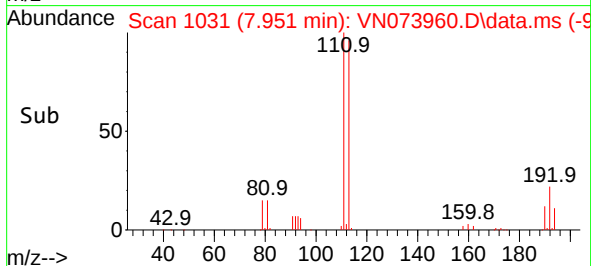
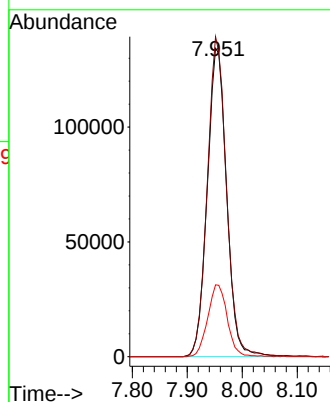
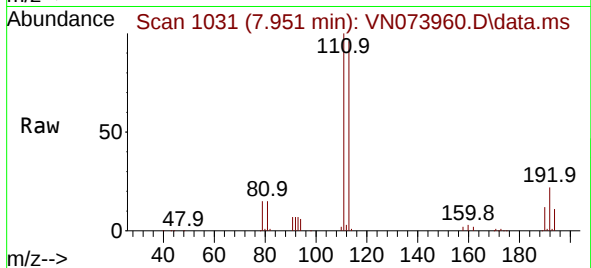




#35
Dibromofluoromethane
Concen: 52.746 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073960.D
Acq: 16 Aug 2022 19:54

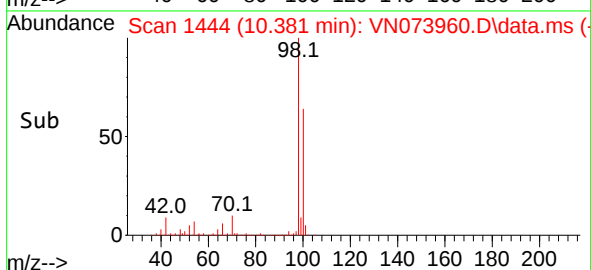
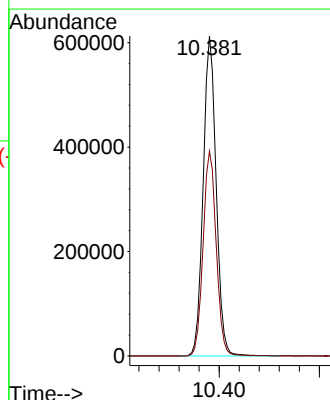
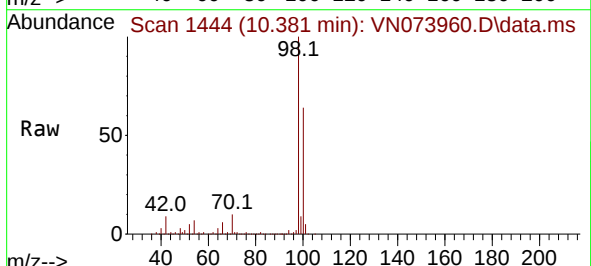
Instrument :
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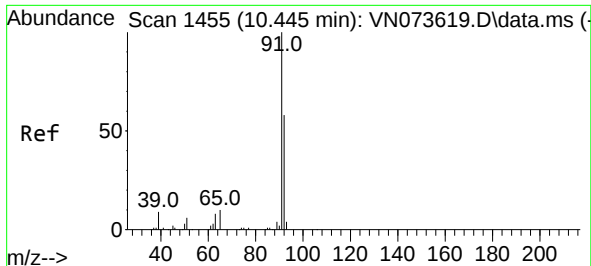
Tgt Ion:113 Resp: 330055
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 23.5 17.0 25.6



#50
Toluene-d8
Concen: 45.394 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN073960.D
Acq: 16 Aug 2022 19:54

Tgt Ion: 98 Resp: 1100107
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

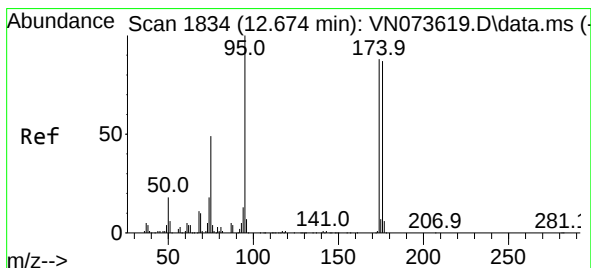
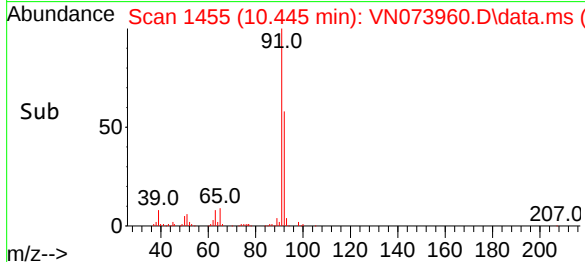
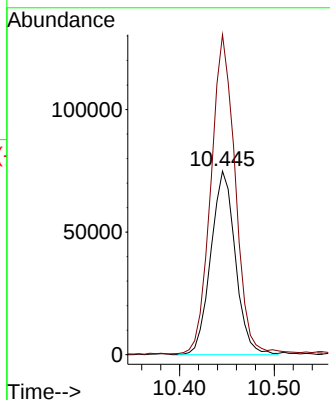
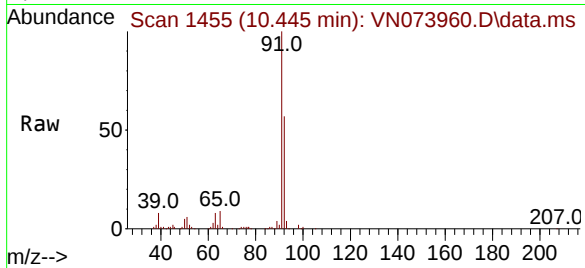




#52
Toluene
Concen: 7.156 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073960.D
Acq: 16 Aug 2022 19:54

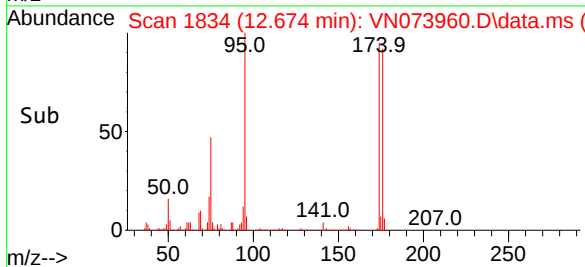
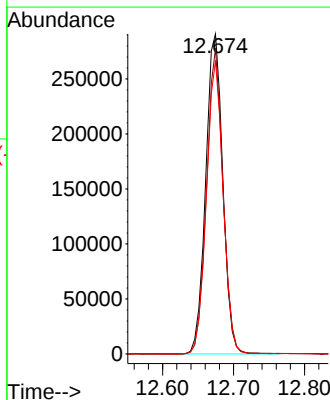
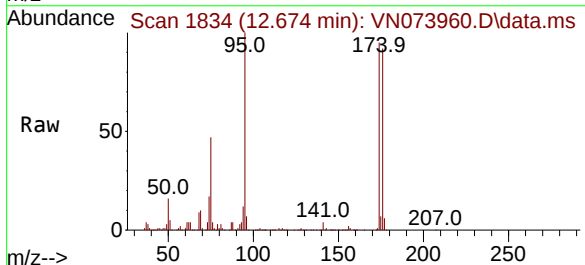
Instrument :
MSVOA_N
ClientSampleId :
61023

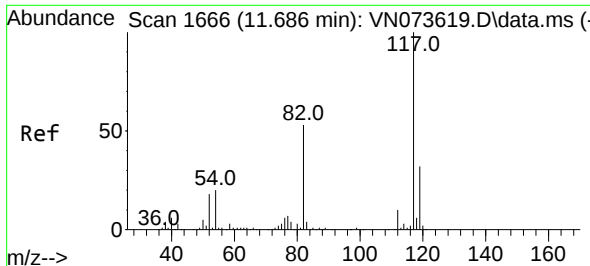
Tgt Ion: 92 Resp: 134611
Ion Ratio Lower Upper
92 100
91 173.0 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 60.583 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073960.D
Acq: 16 Aug 2022 19:54

Tgt Ion: 95 Resp: 487275
Ion Ratio Lower Upper
95 100
174 91.9 0.0 167.6
176 89.1 0.0 163.4

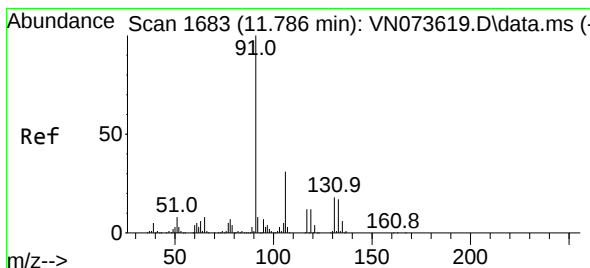
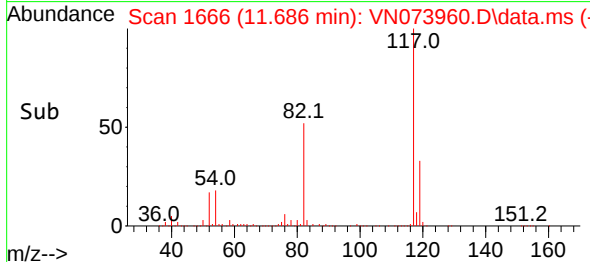
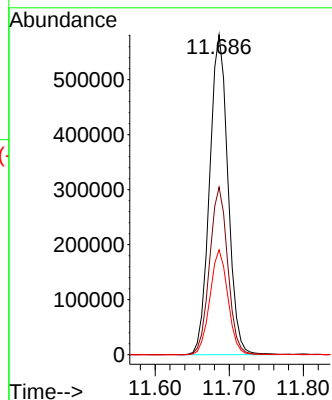
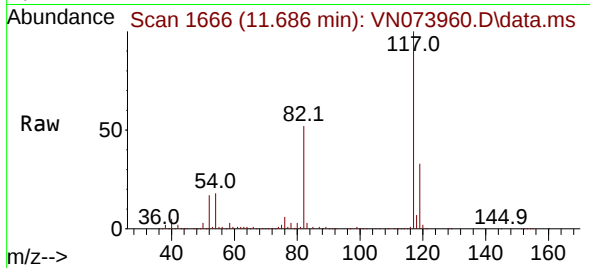




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073960.D
Acq: 16 Aug 2022 19:54

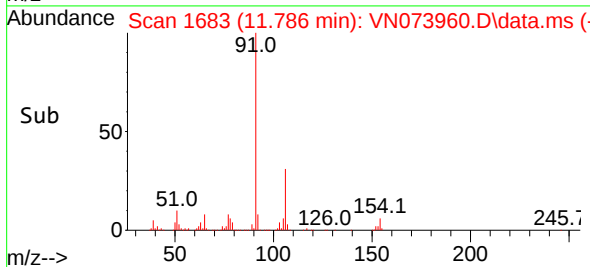
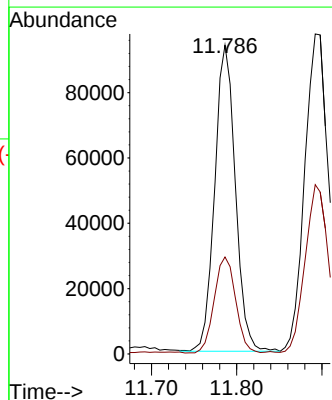
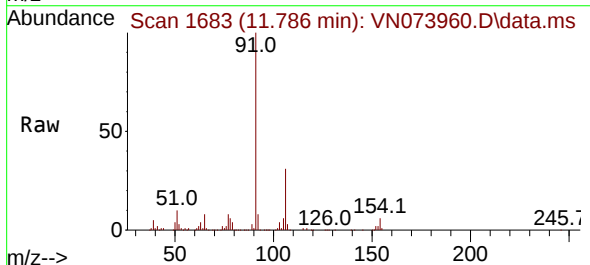
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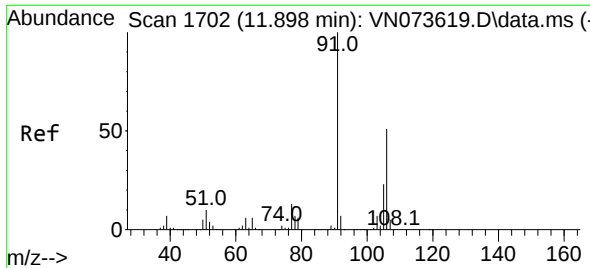
Tgt Ion:117 Resp: 1000753
Ion Ratio Lower Upper
117 100
82 52.4 44.2 66.2
119 32.8 25.4 38.0



#67
Ethyl Benzene
Concen: 4.463 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073960.D
Acq: 16 Aug 2022 19:54

Tgt Ion: 91 Resp: 157868
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

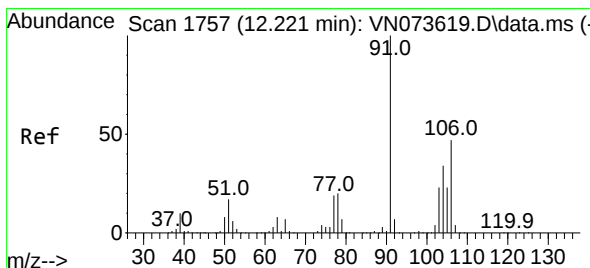
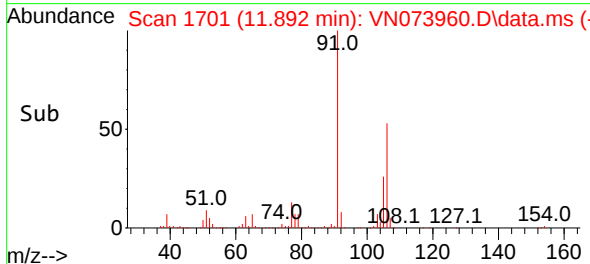
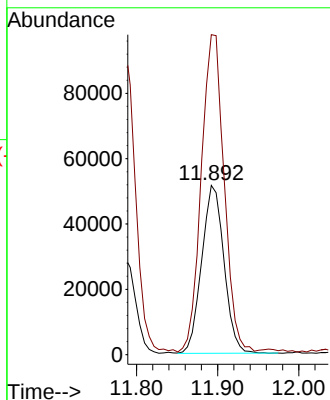
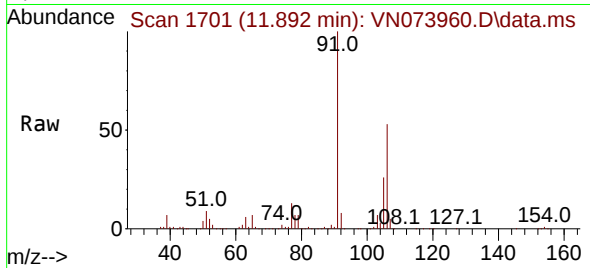




#68
m/p-Xylenes
Concen: 6.823 ug/l
RT: 11.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073960.D
Acq: 16 Aug 2022 19:54

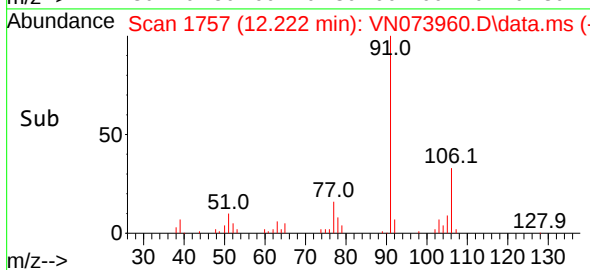
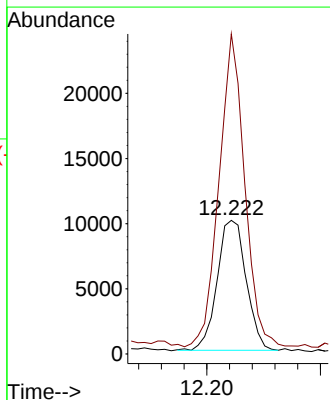
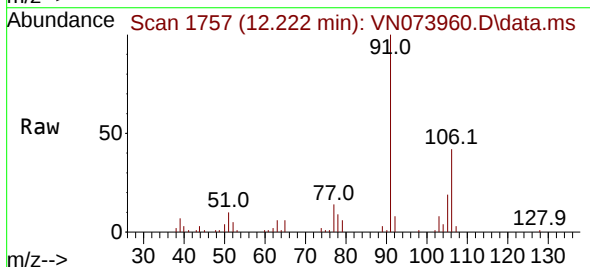
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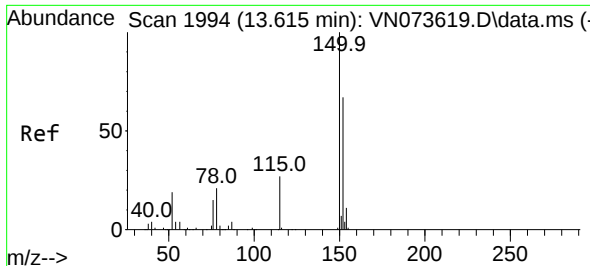
Tgt Ion:106 Resp: 98051
Ion Ratio Lower Upper
106 100
91 193.5 158.9 238.3



#69
o-Xylene
Concen: 1.226 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.001 min
Lab File: VN073960.D
Acq: 16 Aug 2022 19:54

Tgt Ion:106 Resp: 17667
Ion Ratio Lower Upper
106 100
91 212.8 106.0 318.0

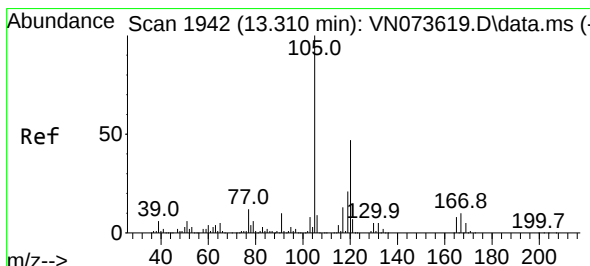
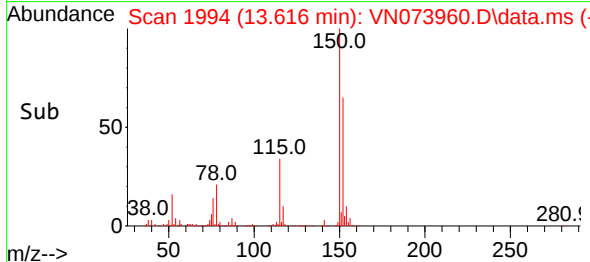
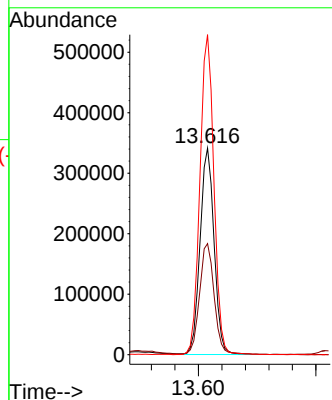
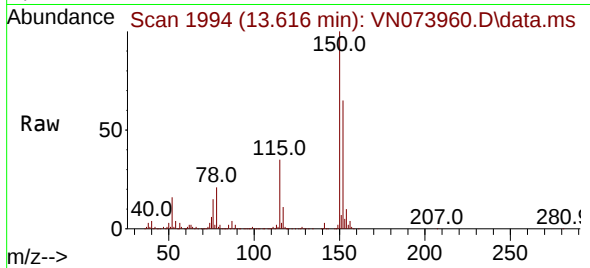




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN073960.D
 Acq: 16 Aug 2022 19:54

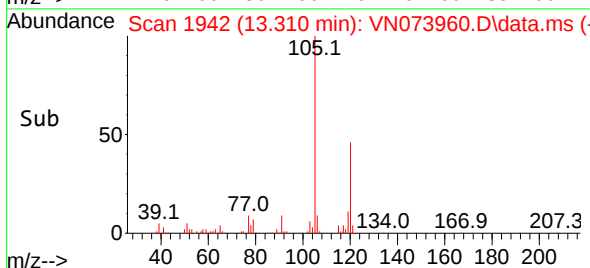
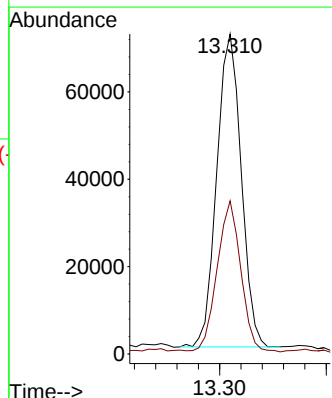
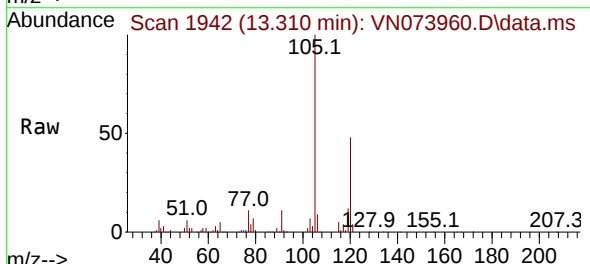
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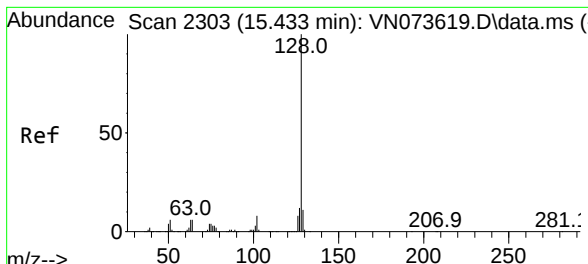
Tgt Ion:152 Resp: 567670
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.9 86.7
 150 154.2 0.0 356.2



#84
 1,2,4-Trimethylbenzene
 Concen: 3.393 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. -0.000 min
 Lab File: VN073960.D
 Acq: 16 Aug 2022 19:54

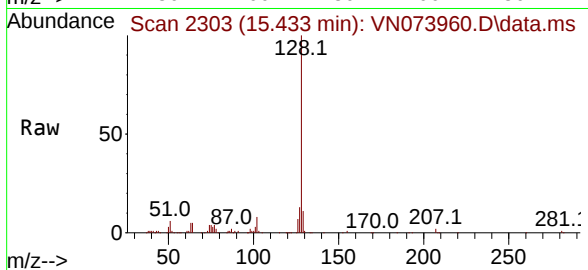
Tgt Ion:105 Resp: 113919
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.3 69.8





#95
Naphthalene
Concen: 6.004 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073960.D
Acq: 16 Aug 2022 19:54

Instrument :
MSVOA_N
ClientSampleId :
61023



Tgt Ion:128 Resp: 238715
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.0 8.6 13.0

