

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074269.D
 Acq On : 02 Sep 2022 02:55
 Operator : JC\MD
 Sample : N4354-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-41

Quant Time: Sep 02 05:44:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

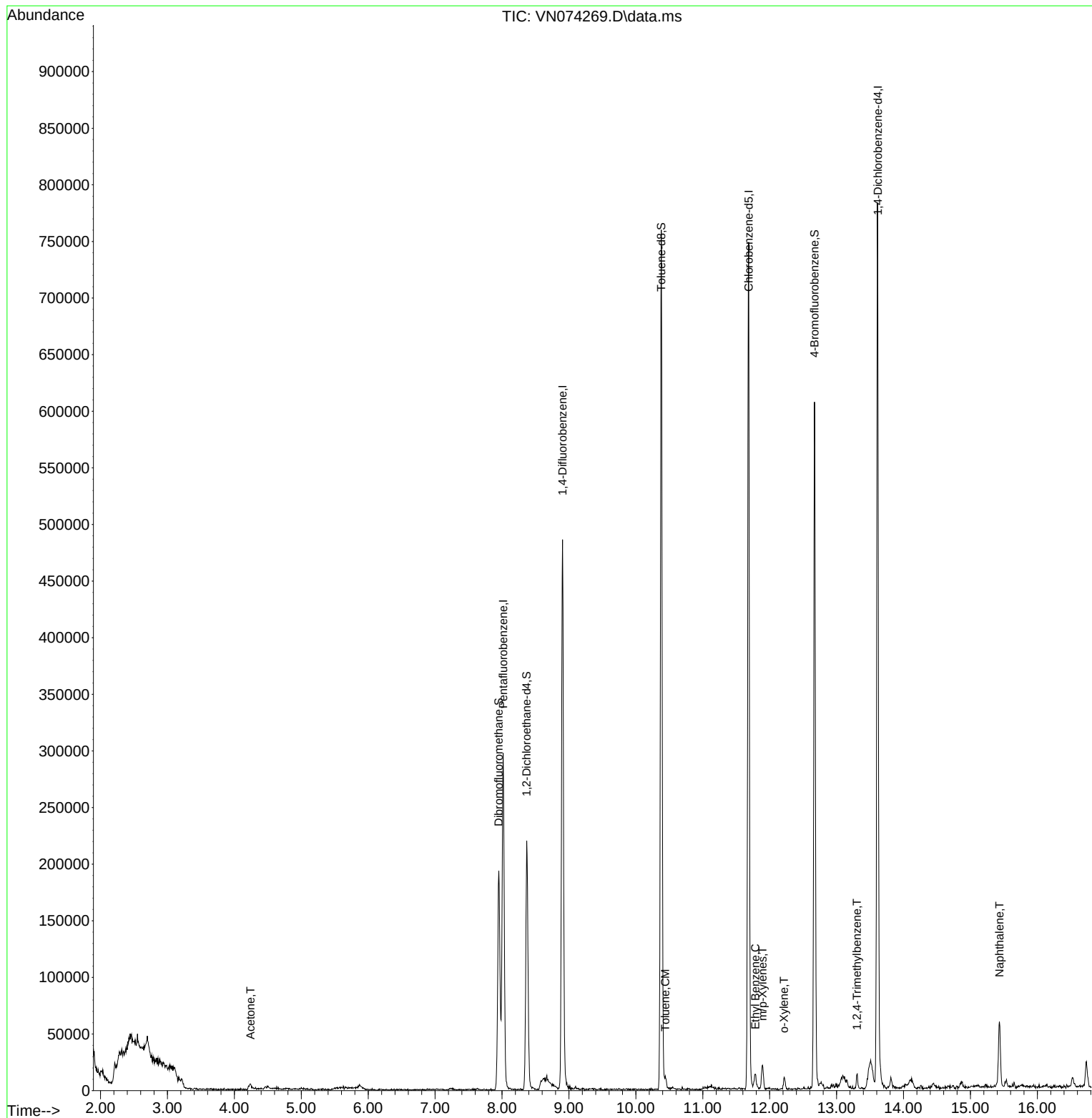
Internal Standards						
1) Pentafluorobenzene	8.016	168	217199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	405892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	394246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	183938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	163604	48.557	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.120%
35) Dibromofluoromethane	7.951	113	135480	51.294	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.580%
50) Toluene-d8	10.381	98	479775	46.126	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.260%
62) 4-Bromofluorobenzene	12.669	95	185877	58.763	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.520%
Target Compounds						
					Qvalue	
16) Acetone	4.240	43	9845	4.373	ug/l #	76
52) Toluene	10.439	92	3790	0.478	ug/l #	74
67) Ethyl Benzene	11.786	91	7972	0.501	ug/l #	84
68) m/p-Xylenes	11.892	106	6746	1.141	ug/l	99
69) o-Xylene	12.216	106	3241	0.550	ug/l	85
84) 1,2,4-Trimethylbenzene	13.304	105	6113	0.494	ug/l	88
95) Naphthalene	15.433	128	56663	5.117	ug/l	96

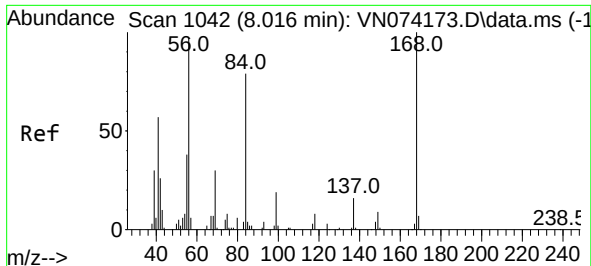
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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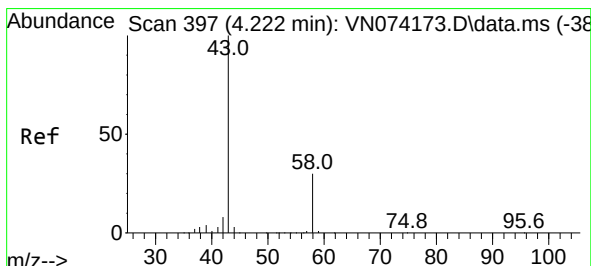
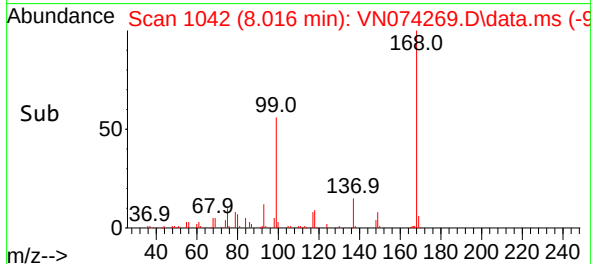
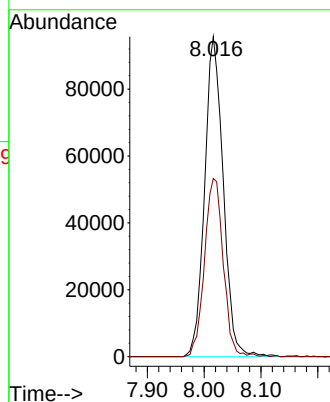
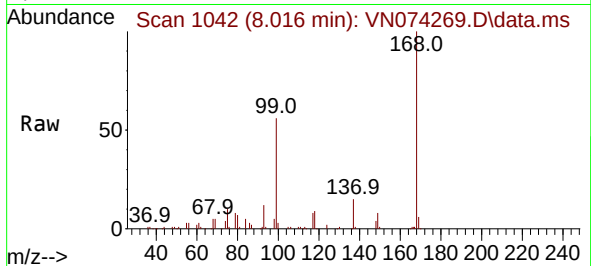




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074269.D
Acq: 02 Sep 2022 02:55

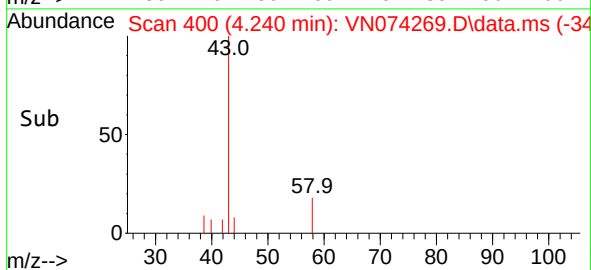
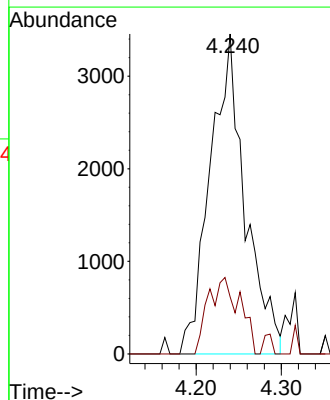
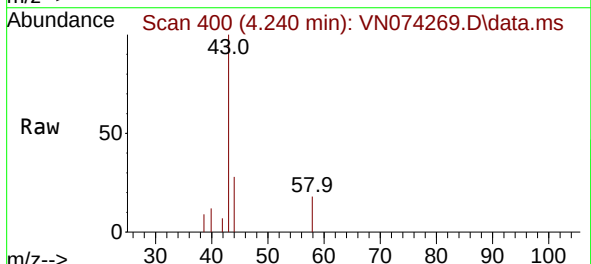
Instrument :
MSVOA_N
ClientSampleId :
MW-41

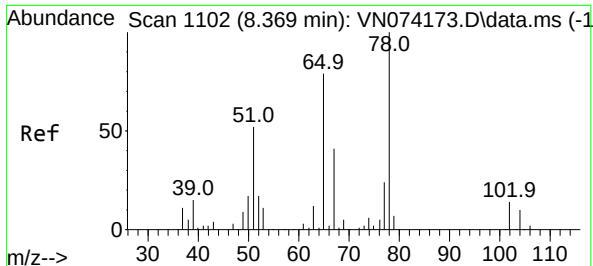
Tgt Ion:168 Resp: 217199
Ion Ratio Lower Upper
168 100
99 55.7 42.3 63.5



#16
Acetone
Concen: 4.373 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN074269.D
Acq: 02 Sep 2022 02:55

Tgt Ion: 43 Resp: 9845
Ion Ratio Lower Upper
43 100
58 18.9 26.0 39.0#





#33

1,2-Dichloroethane-d4

Concen: 48.557 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074269.D

Acq: 02 Sep 2022 02:55

Instrument :

MSVOA_N

ClientSampleId :

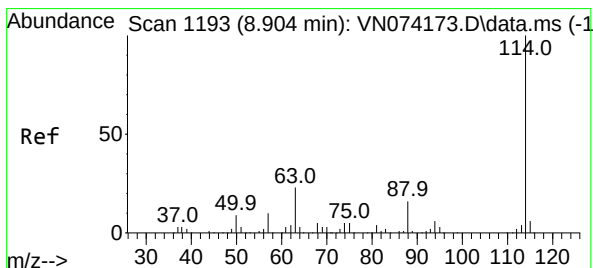
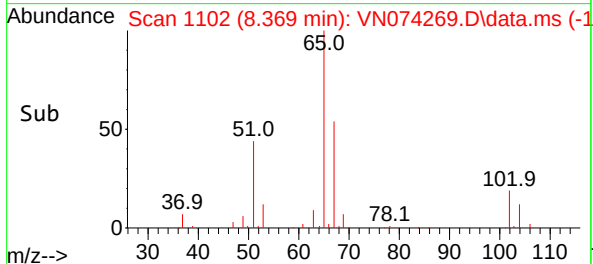
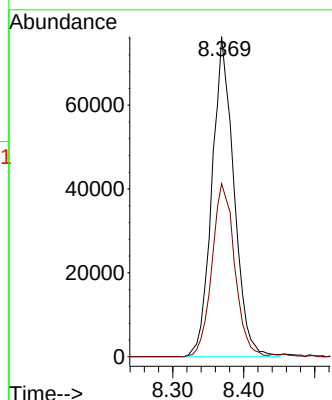
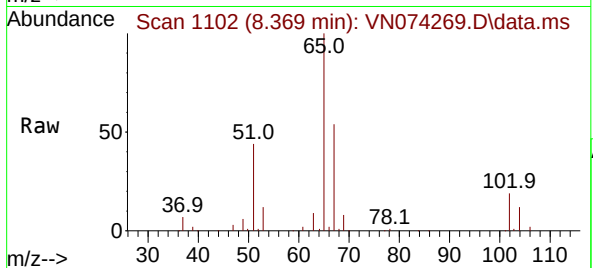
MW-41

Tgt Ion: 65 Resp: 163604

Ion Ratio Lower Upper

65 100

67 56.0 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: VN074269.D

Acq: 02 Sep 2022 02:55

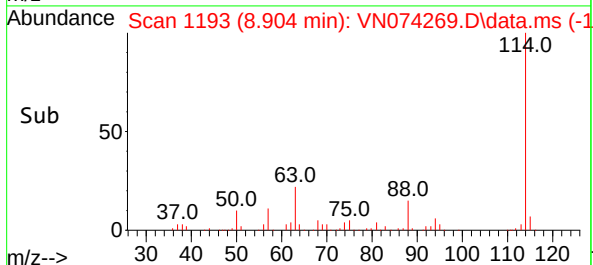
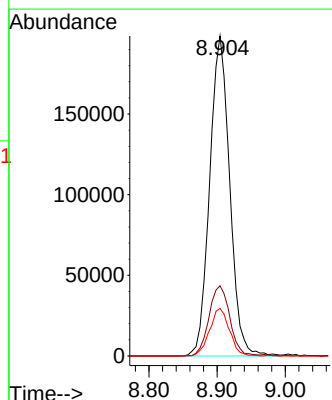
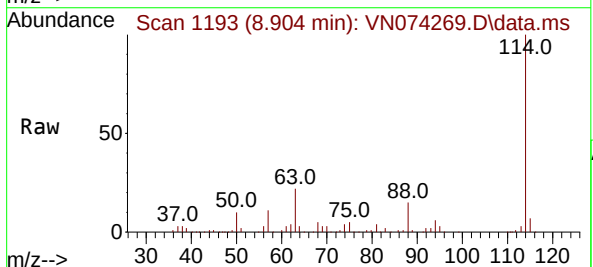
Tgt Ion: 114 Resp: 405892

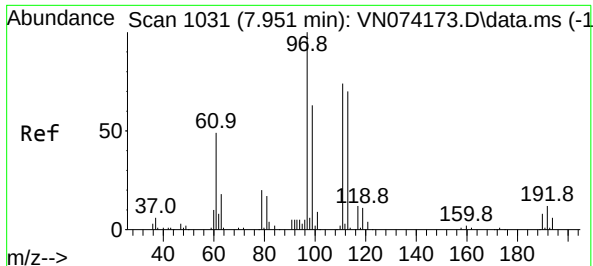
Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.0

88 14.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.294 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074269.D

Acq: 02 Sep 2022 02:55

Instrument :

MSVOA_N

ClientSampleId :

MW-41

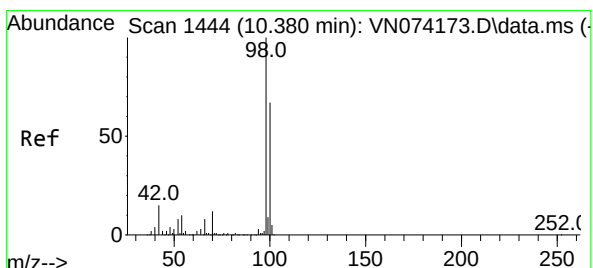
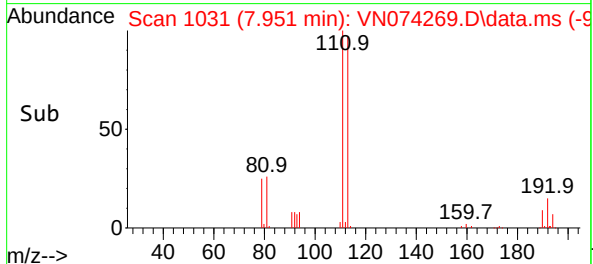
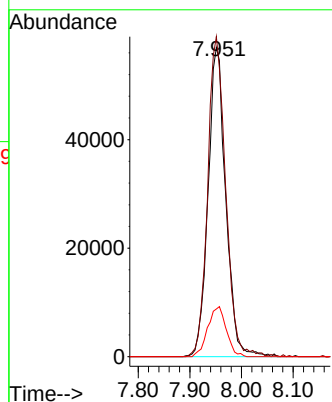
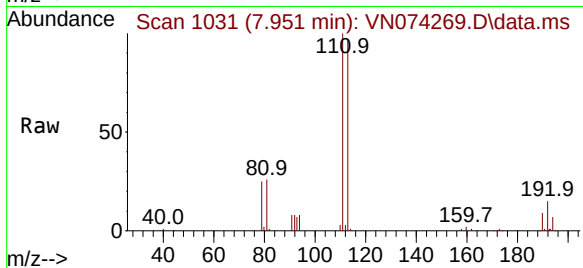
Tgt Ion:113 Resp: 135480

Ion Ratio Lower Upper

113 100

111 105.4 81.4 122.0

192 17.0 17.0 25.6#



#50

Toluene-d8

Concen: 46.126 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074269.D

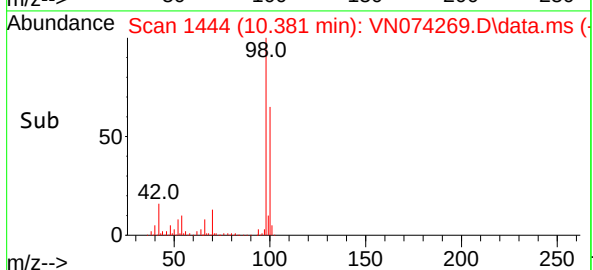
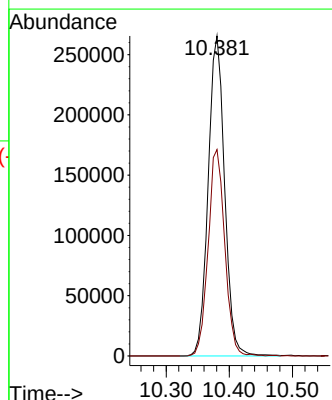
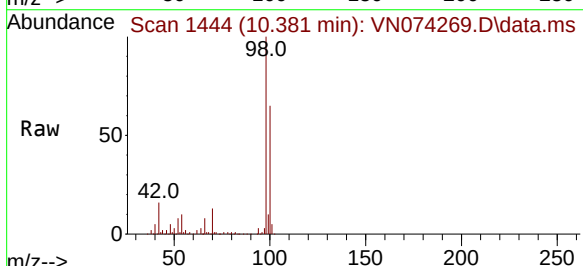
Acq: 02 Sep 2022 02:55

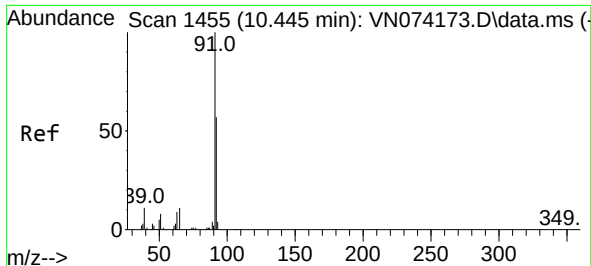
Tgt Ion: 98 Resp: 479775

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8

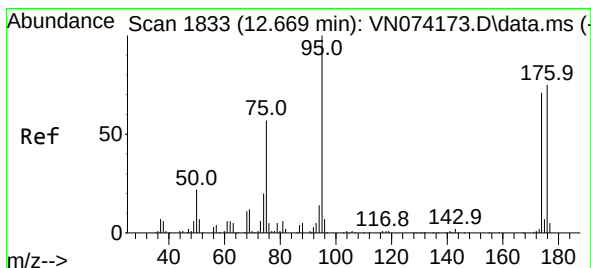
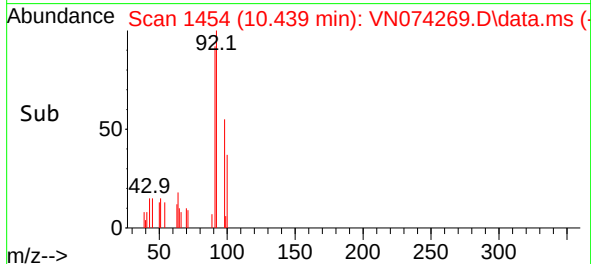
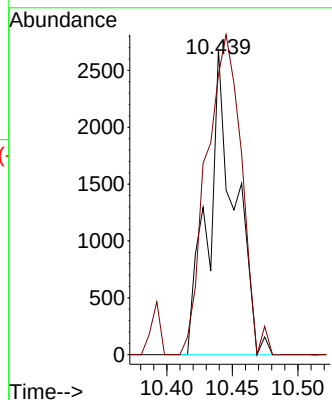
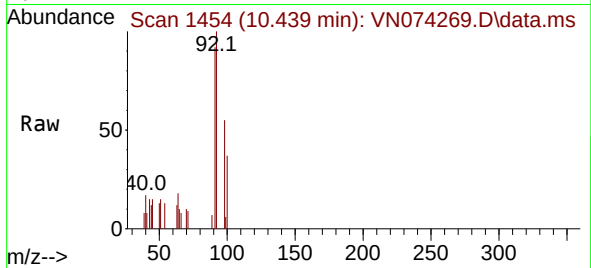




#52
Toluene
Concen: 0.478 ug/l
RT: 10.439 min Scan# 1455
Delta R.T. -0.006 min
Lab File: VN074269.D
Acq: 02 Sep 2022 02:55

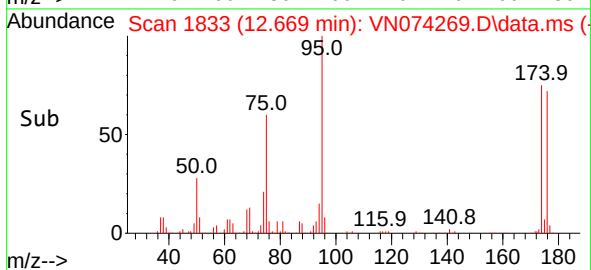
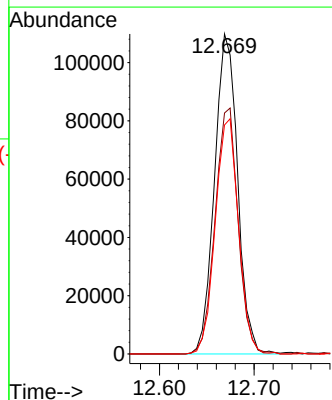
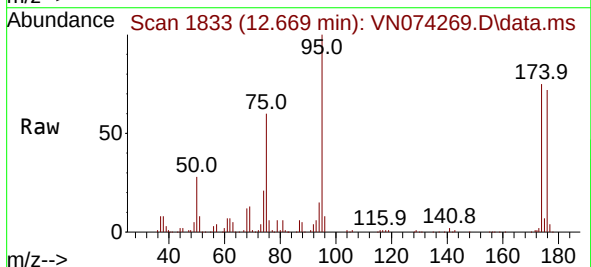
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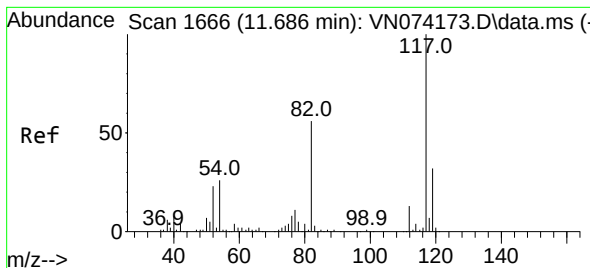
Tgt Ion: 92 Resp: 3790
Ion Ratio Lower Upper
92 100
91 137.4 138.6 207.8#



#62
4-Bromofluorobenzene
Concen: 58.763 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN074269.D
Acq: 02 Sep 2022 02:55

Tgt Ion: 95 Resp: 185877
Ion Ratio Lower Upper
95 100
174 76.9 0.0 167.6
176 74.0 0.0 163.4

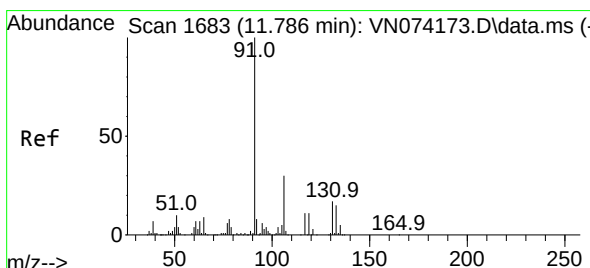
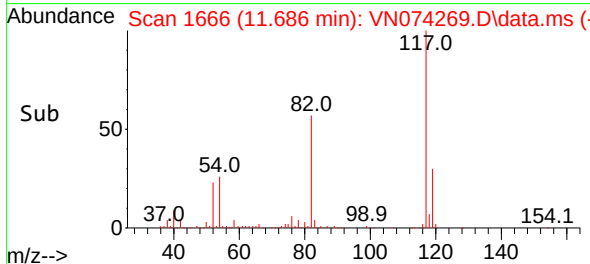
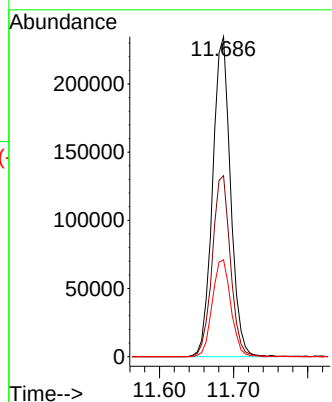
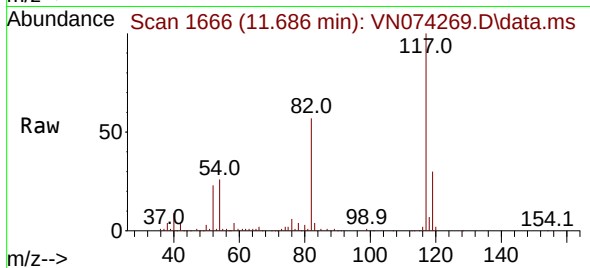




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074269.D
Acq: 02 Sep 2022 02:55

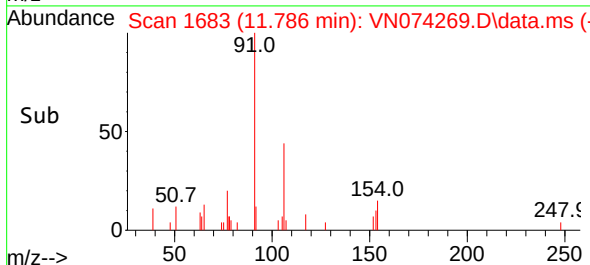
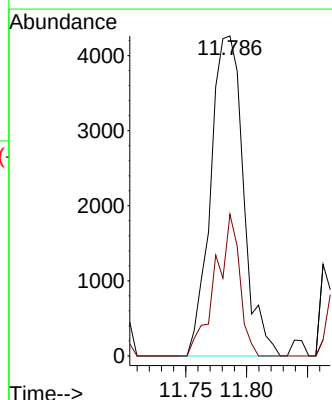
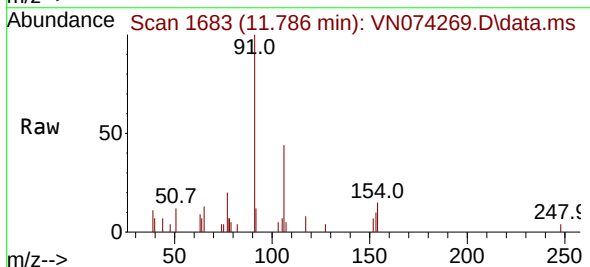
Instrument :
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ClientSampleId :
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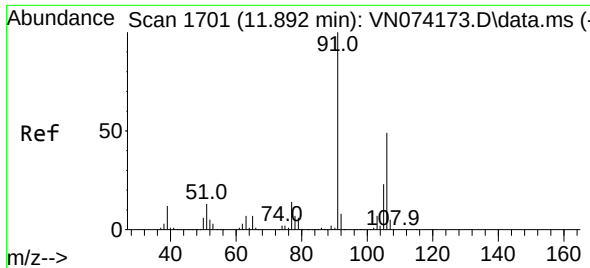
Tgt Ion:117 Resp: 394246
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.2
119 30.3 25.4 38.0



#67
Ethyl Benzene
Concen: 0.501 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074269.D
Acq: 02 Sep 2022 02:55

Tgt Ion: 91 Resp: 7972
Ion Ratio Lower Upper
91 100
106 39.7 24.9 37.3#

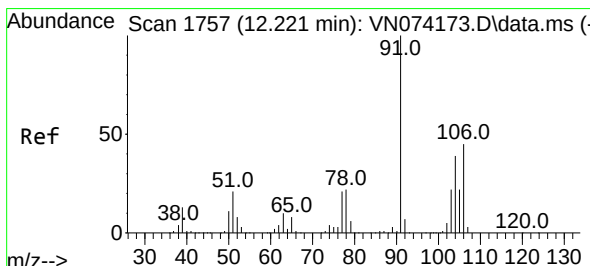
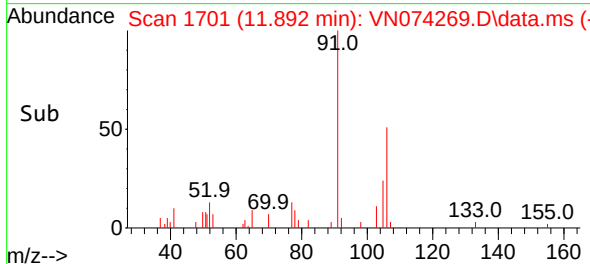
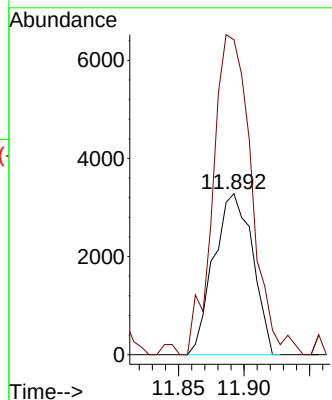
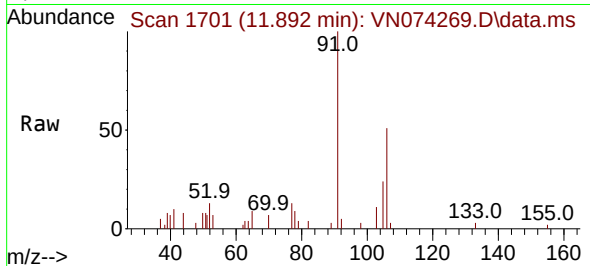




#68
m/p-Xylenes
Concen: 1.141 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074269.D
Acq: 02 Sep 2022 02:55

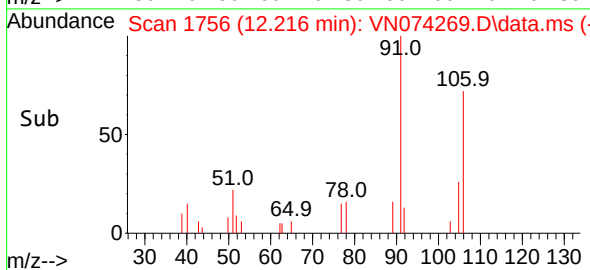
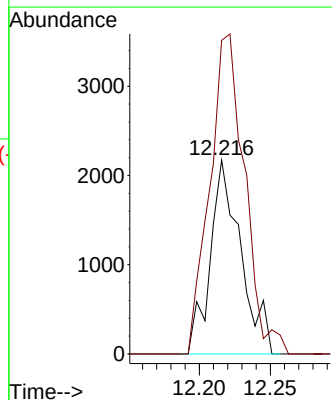
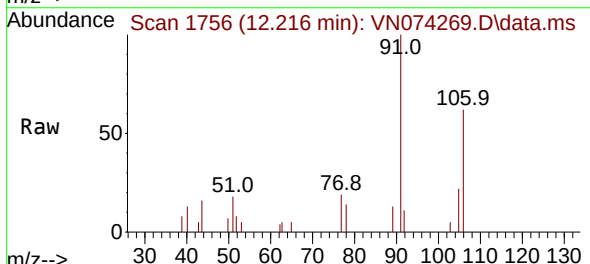
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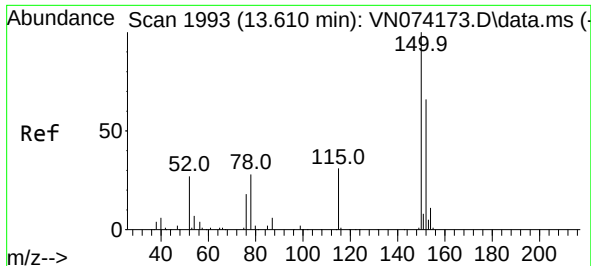
Tgt Ion:106 Resp: 6746
Ion Ratio Lower Upper
106 100
91 197.4 158.9 238.3



#69
o-Xylene
Concen: 0.550 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.006 min
Lab File: VN074269.D
Acq: 02 Sep 2022 02:55

Tgt Ion:106 Resp: 3241
Ion Ratio Lower Upper
106 100
91 189.1 106.0 318.0

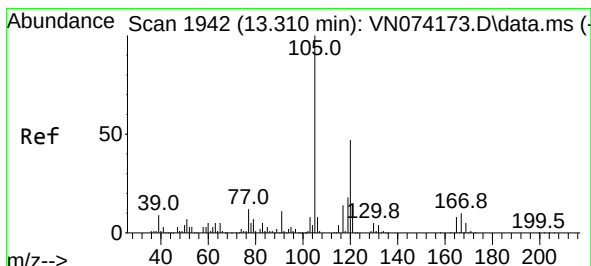
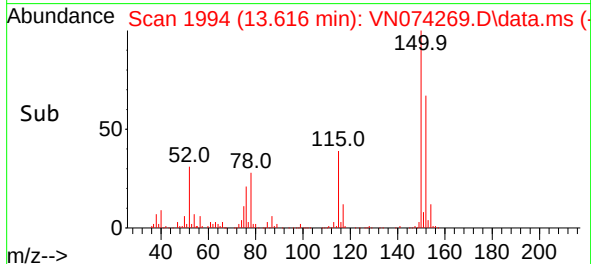
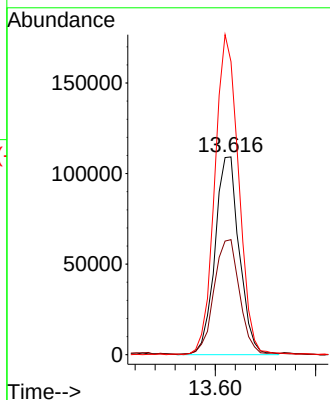
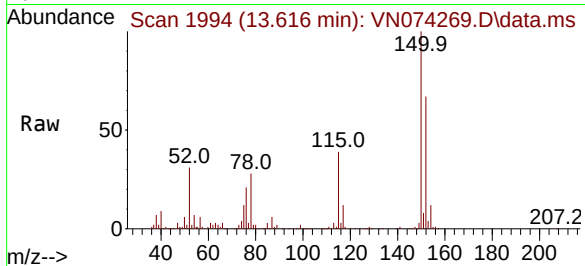




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.006 min
 Lab File: VN074269.D
 Acq: 02 Sep 2022 02:55

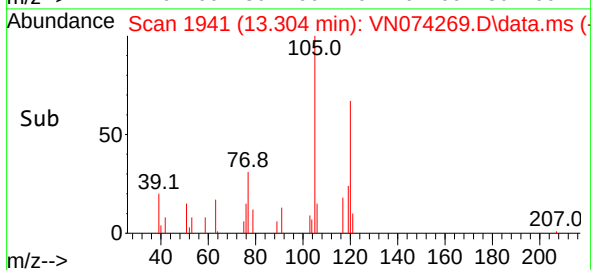
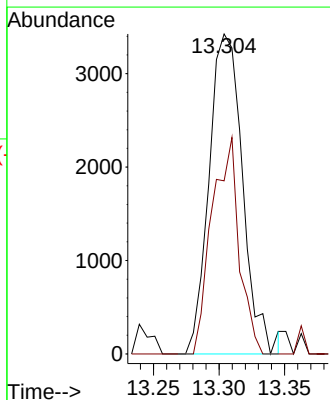
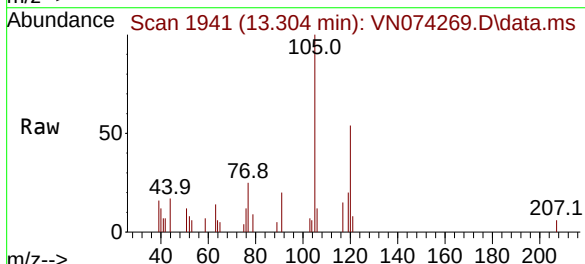
Instrument :
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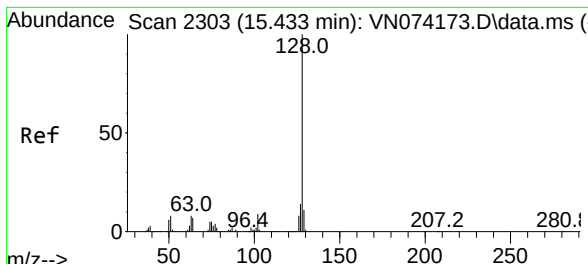
Tgt Ion:152 Resp: 183938
 Ion Ratio Lower Upper
 152 100
 115 61.9 28.9 86.7
 150 159.0 0.0 356.2



#84
 1,2,4-Trimethylbenzene
 Concen: 0.494 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. -0.006 min
 Lab File: VN074269.D
 Acq: 02 Sep 2022 02:55

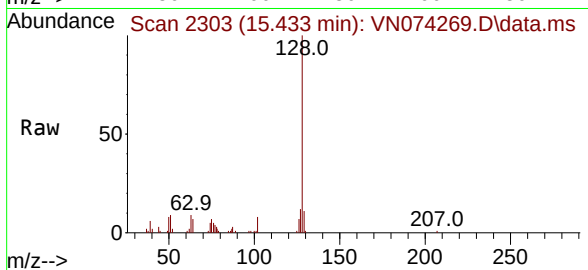
Tgt Ion:105 Resp: 6113
 Ion Ratio Lower Upper
 105 100
 120 54.8 23.3 69.8





#95
 Naphthalene
 Concen: 5.117 ug/l
 RT: 15.433 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN074269.D
 Acq: 02 Sep 2022 02:55

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-41



Tgt Ion:	128	Resp:	56663
Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.3	15.5
129	11.4	8.6	13.0

