

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074556.D
 Acq On : 17 Sep 2022 15:16
 Operator : JC\MD
 Sample : N4549-21
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP090822

Quant Time: Sep 19 02:56:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

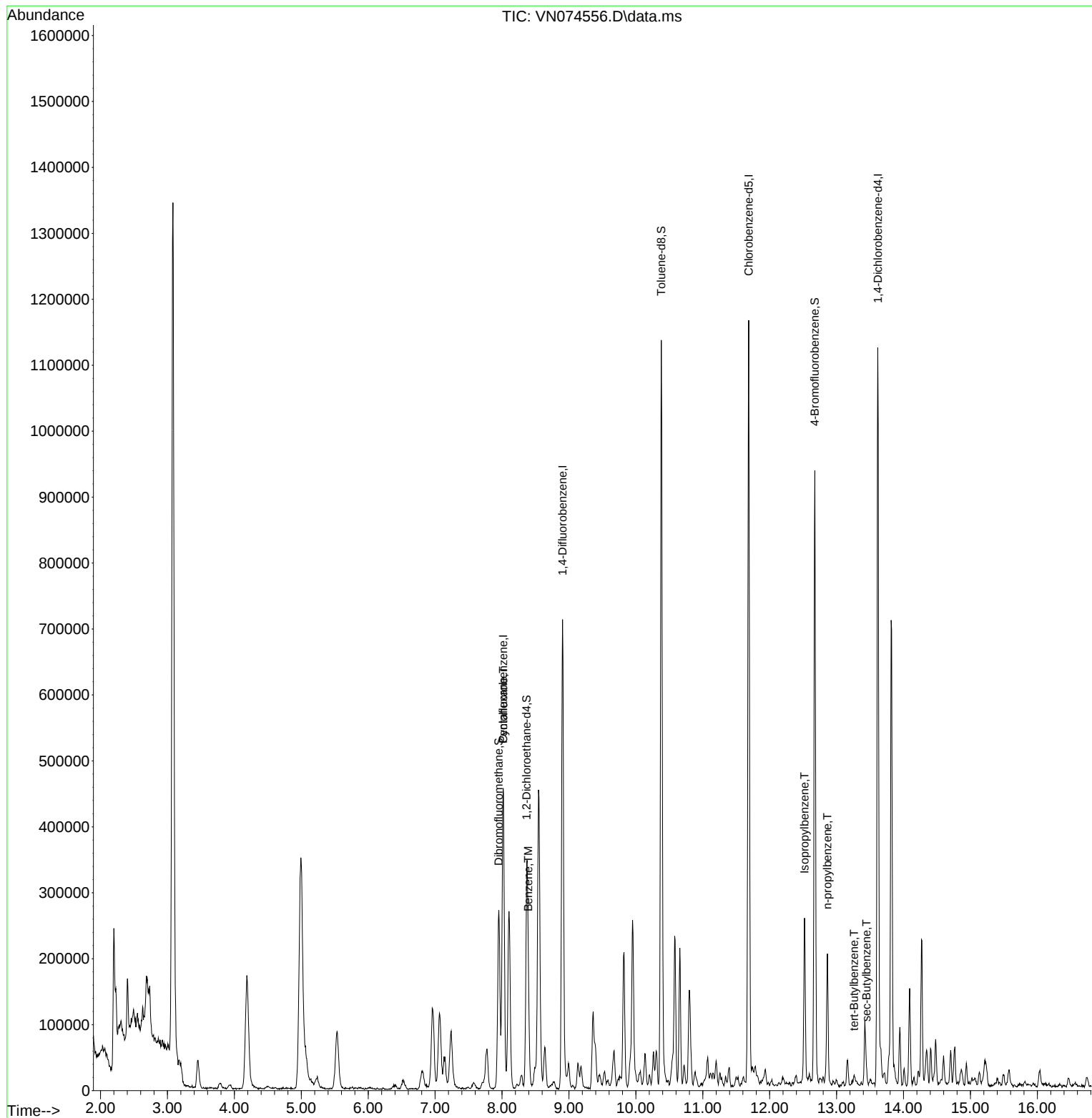
Internal Standards						
1) Pentafluorobenzene	8.016	168	295211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	559970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	572149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	264056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	232317	46.380	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.760%
35) Dibromofluoromethane	7.951	113	189395	50.916	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.840%
50) Toluene-d8	10.381	98	699254	48.607	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.220%
62) 4-Bromofluorobenzene	12.675	95	272007	55.207	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.420%
Target Compounds						
					Qvalue	
31) Cyclohexane	8.016	56	36241	4.076	ug/l #	74
40) Benzene	8.392	78	88966	4.370	ug/l	91
73) Isopropylbenzene	12.522	105	148260	5.484	ug/l	99
78) n-propylbenzene	12.863	91	150901	4.686	ug/l	94
83) tert-Butylbenzene	13.263	119	6138	0.306	ug/l	91
85) sec-Butylbenzene	13.445	105	16682	0.606	ug/l #	56

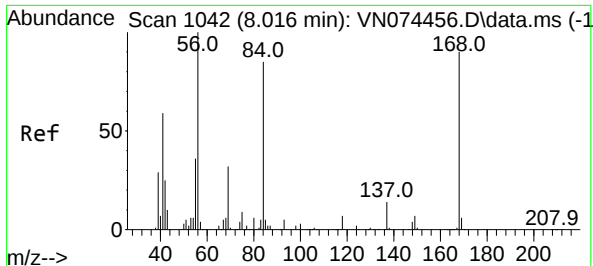
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
Data File : VN074556.D
Acq On : 17 Sep 2022 15:16
Operator : JC\MD
Sample : N4549-21
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DUP090822

Quant Time: Sep 19 02:56:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration

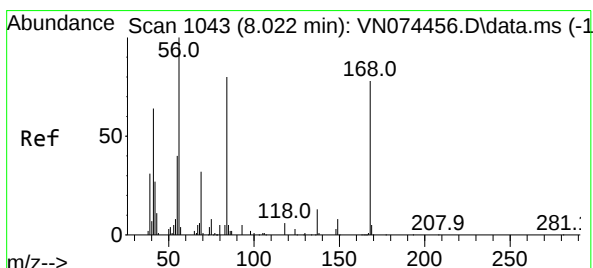
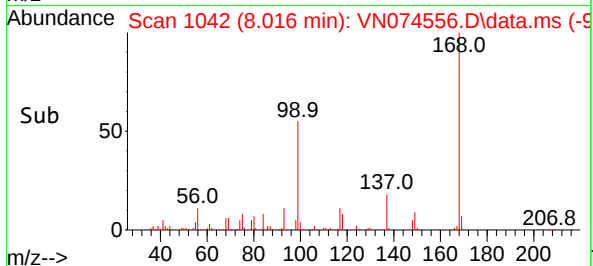
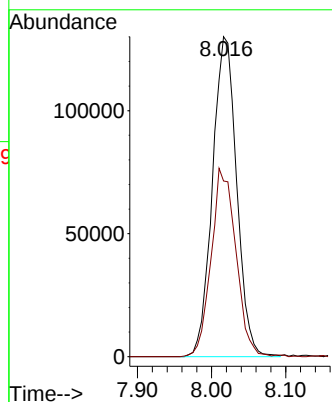
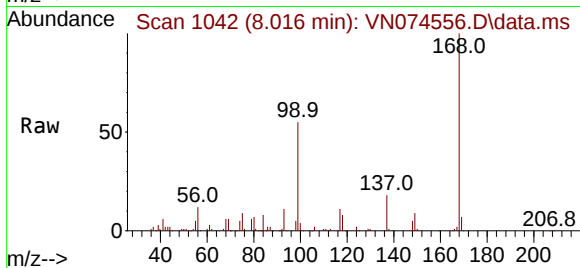




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN074556.D
Acq: 17 Sep 2022 15:16

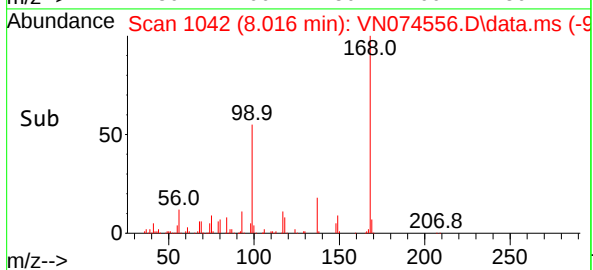
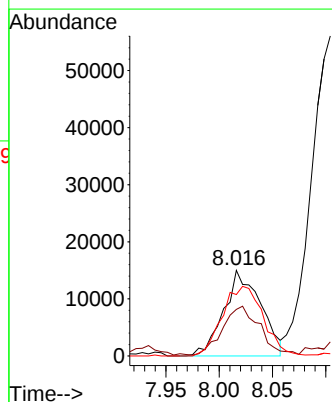
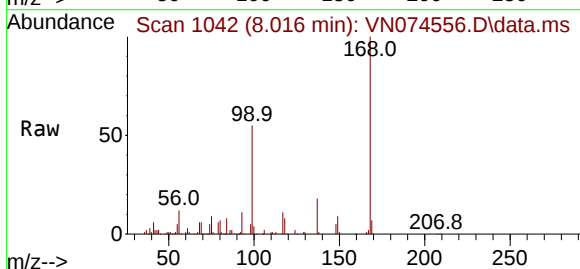
Instrument :
MSVOA_N
ClientSampleId :
DUP090822

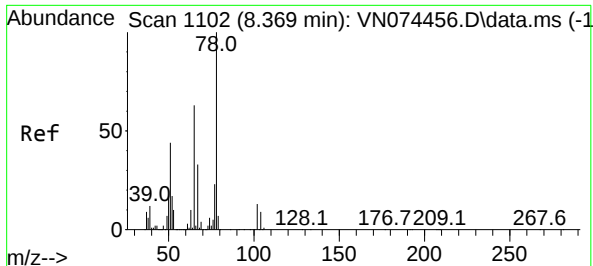
Tgt Ion:168 Resp: 295211
Ion Ratio Lower Upper
168 100
99 54.9 42.3 63.5



#31
Cyclohexane
Concen: 4.076 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074556.D
Acq: 17 Sep 2022 15:16

Tgt Ion: 56 Resp: 36241
Ion Ratio Lower Upper
56 100
69 51.7 27.8 41.8#
84 71.8 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 46.380 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074556.D

Acq: 17 Sep 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

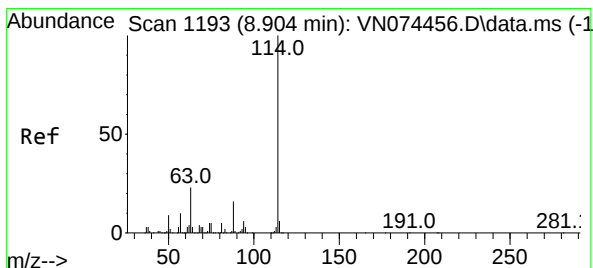
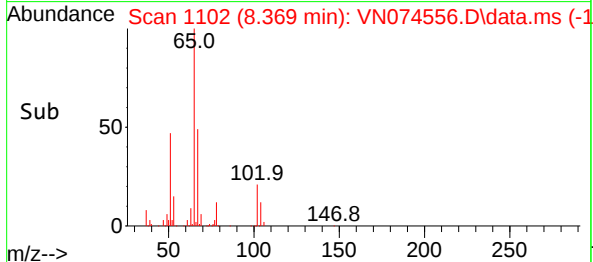
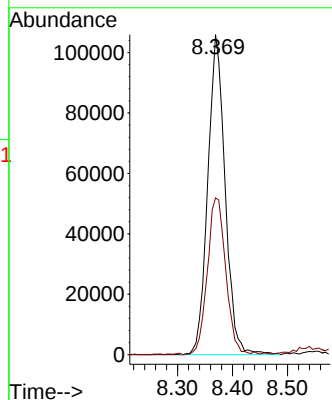
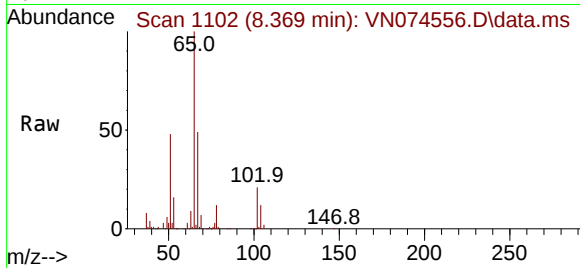
DUP090822

Tgt Ion: 65 Resp: 232317

Ion Ratio Lower Upper

65 100

67 51.9 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: VN074556.D

Acq: 17 Sep 2022 15:16

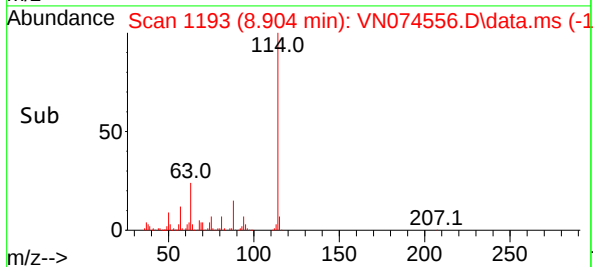
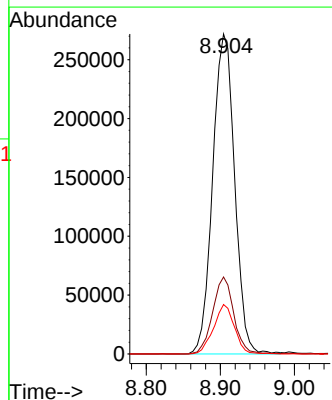
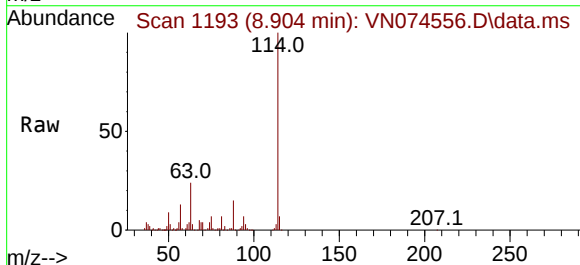
Tgt Ion: 114 Resp: 559970

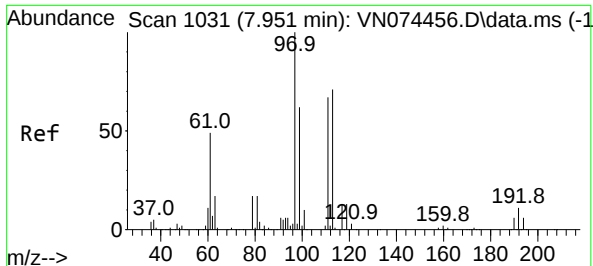
Ion Ratio Lower Upper

114 100

63 24.1 0.0 40.0

88 15.5 0.0 32.6

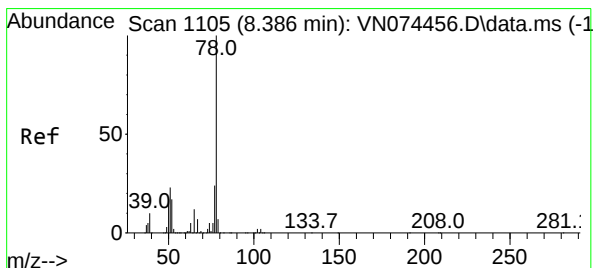
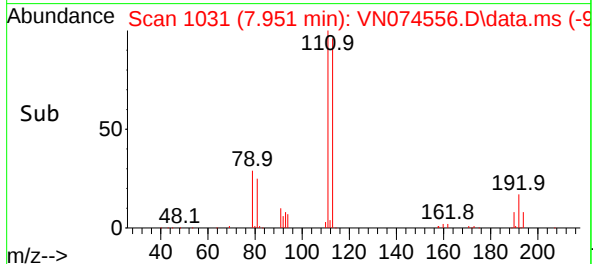
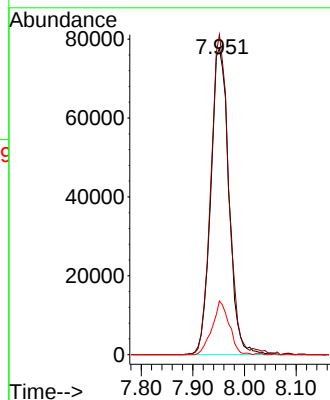
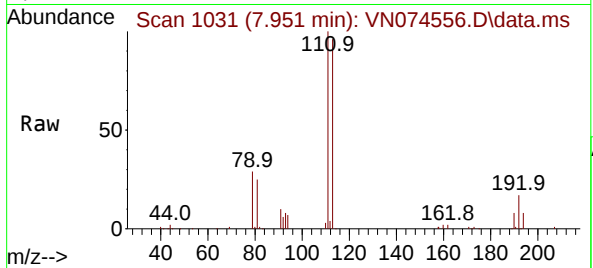




#35
Dibromofluoromethane
Concen: 50.916 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074556.D
Acq: 17 Sep 2022 15:16

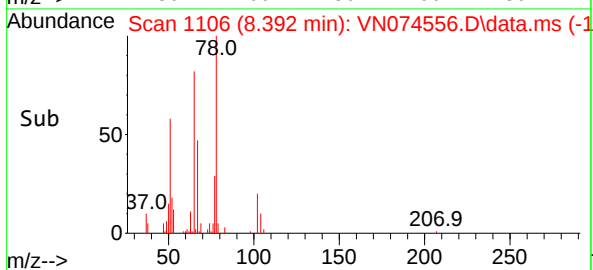
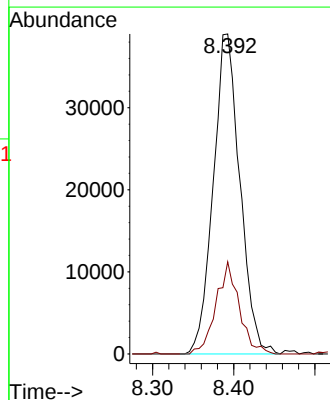
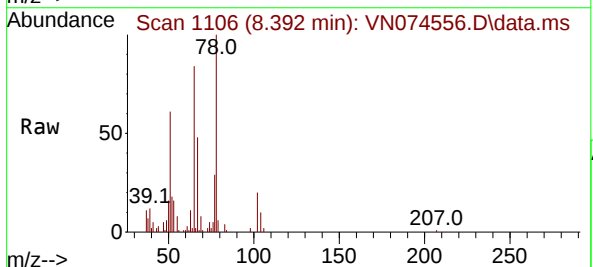
Instrument :
MSVOA_N
ClientSampleId :
DUP090822

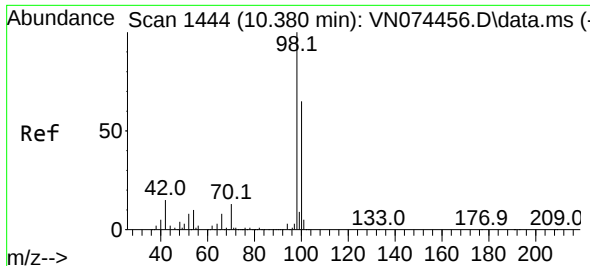
Tgt Ion:113 Resp: 189395
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 16.4 17.0 25.6#



#40
Benzene
Concen: 4.370 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN074556.D
Acq: 17 Sep 2022 15:16

Tgt Ion: 78 Resp: 88966
Ion Ratio Lower Upper
78 100
77 28.8 19.4 29.0

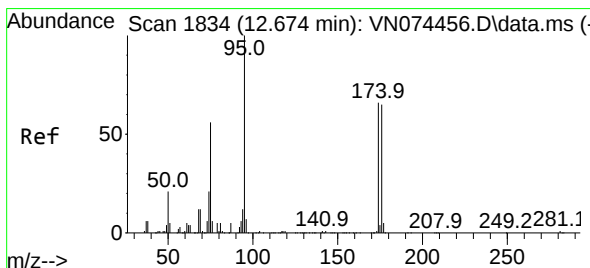
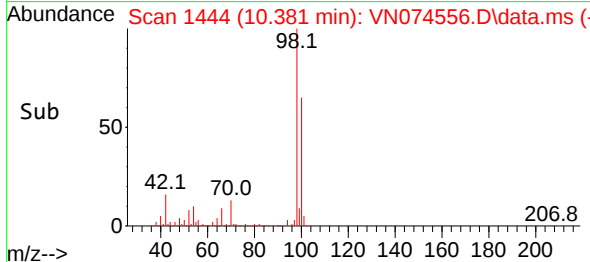
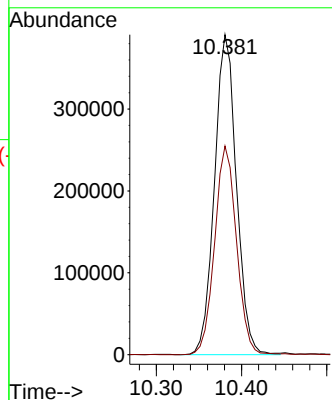
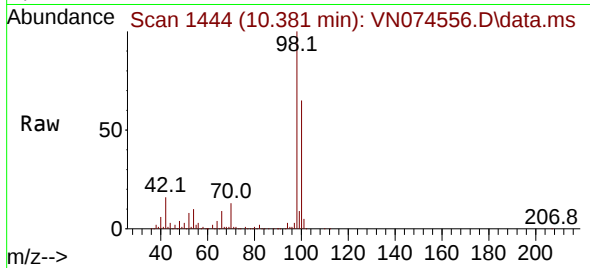




#50
Toluene-d8
Concen: 48.607 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074556.D
Acq: 17 Sep 2022 15:16

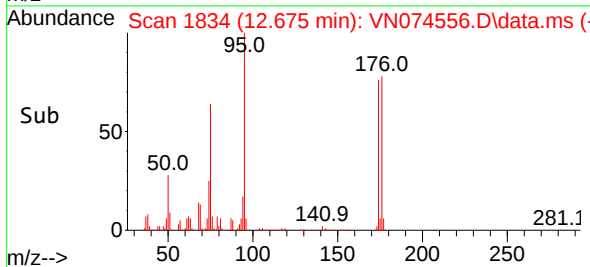
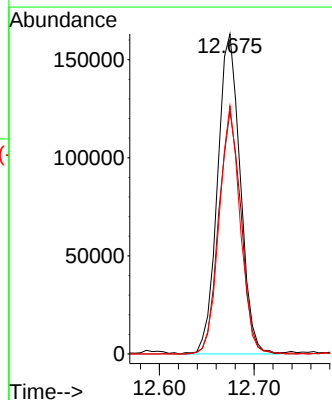
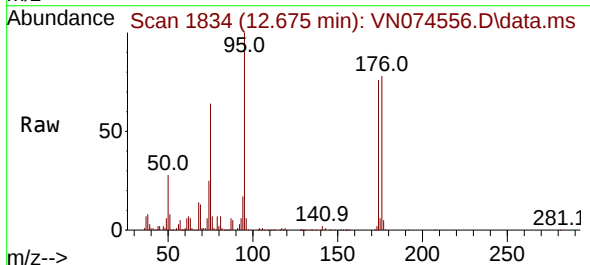
Instrument :
MSVOA_N
ClientSampleId :
DUP090822

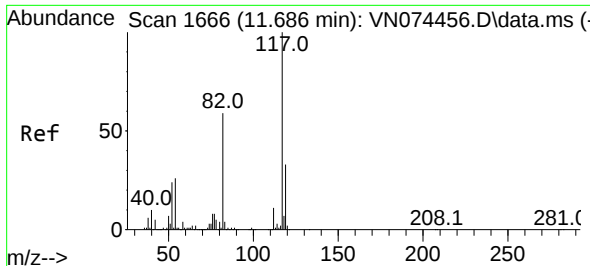
Tgt Ion: 98 Resp: 699254
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 55.207 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN074556.D
Acq: 17 Sep 2022 15:16

Tgt Ion: 95 Resp: 272007
Ion Ratio Lower Upper
95 100
174 74.2 0.0 167.6
176 72.0 0.0 163.4

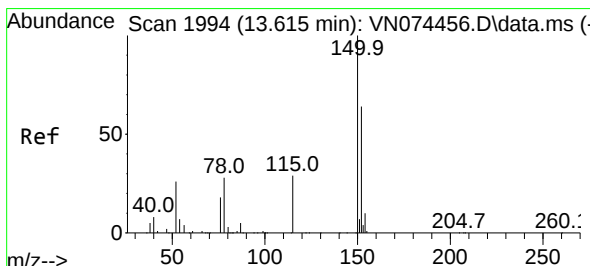
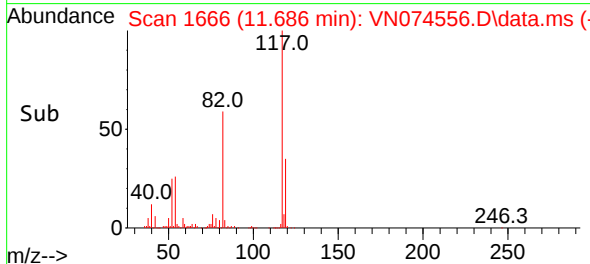
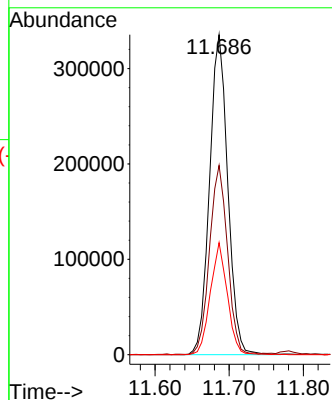
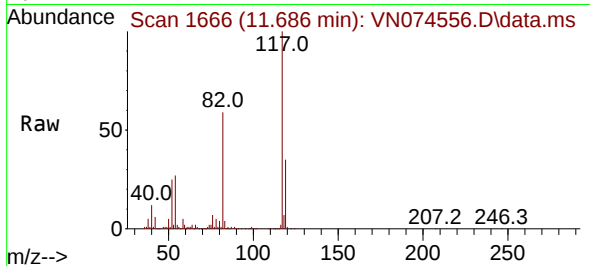




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN074556.D
Acq: 17 Sep 2022 15:16

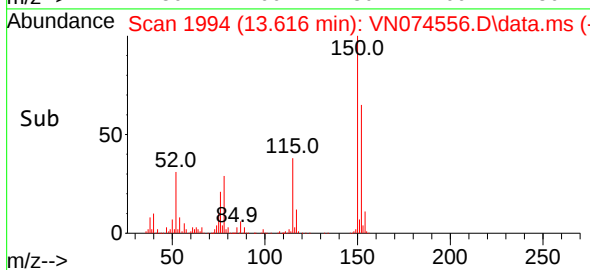
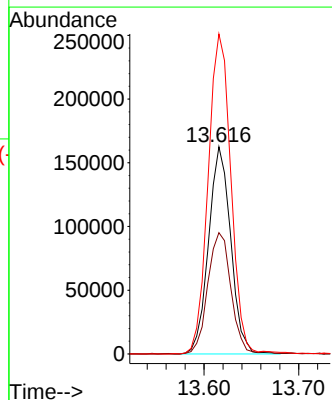
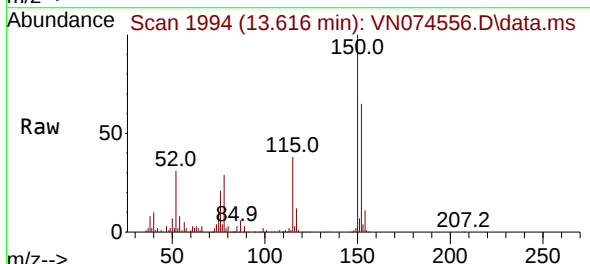
Instrument :
MSVOA_N
ClientSampleId :
DUP090822

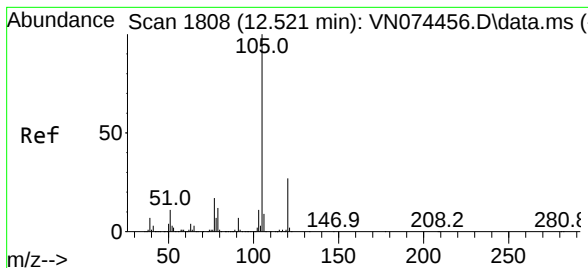
Tgt Ion:117 Resp: 572149
Ion Ratio Lower Upper
117 100
82 59.0 44.2 66.2
119 35.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074556.D
Acq: 17 Sep 2022 15:16

Tgt Ion:152 Resp: 264056
Ion Ratio Lower Upper
152 100
115 60.8 28.9 86.7
150 158.9 0.0 356.2





#73

Isopropylbenzene

Concen: 5.484 ug/l

RT: 12.522 min Scan# 1808

Delta R.T. 0.001 min

Lab File: VN074556.D

Acq: 17 Sep 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

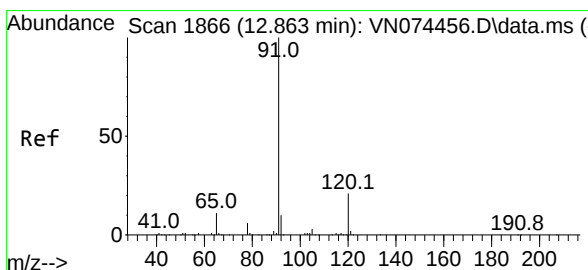
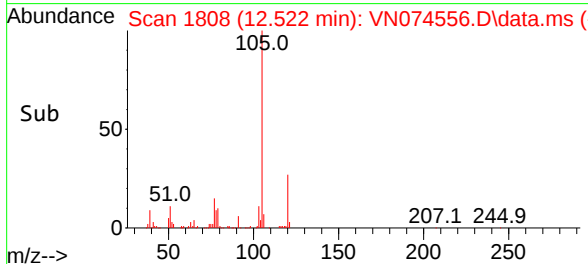
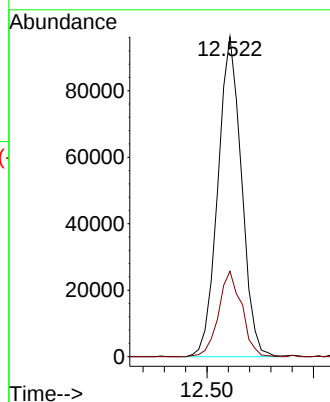
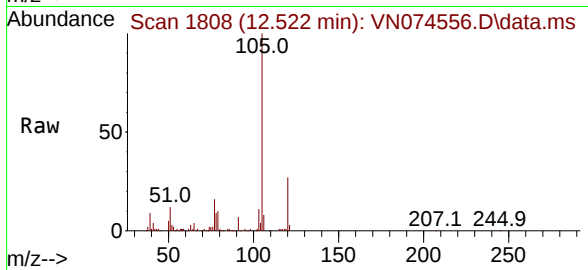
DUP090822

Tgt Ion:105 Resp: 148260

Ion Ratio Lower Upper

105 100

120 26.2 13.5 40.4



#78

n-propylbenzene

Concen: 4.686 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. -0.000 min

Lab File: VN074556.D

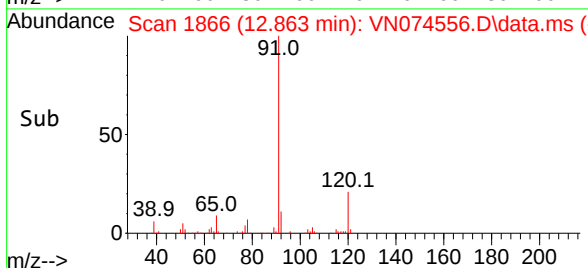
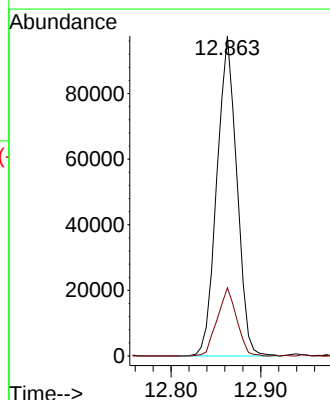
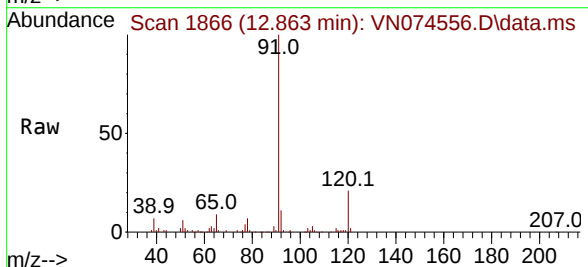
Acq: 17 Sep 2022 15:16

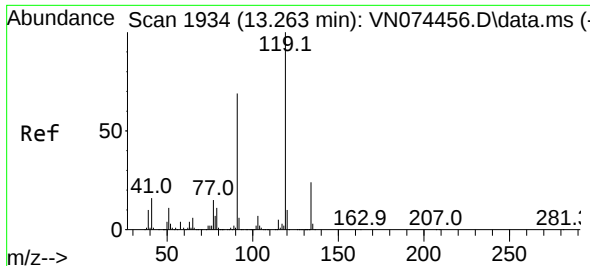
Tgt Ion: 91 Resp: 150901

Ion Ratio Lower Upper

91 100

120 20.7 11.9 35.5

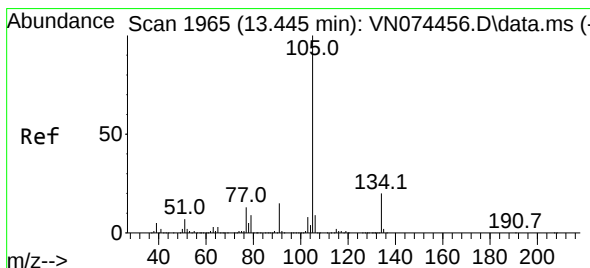
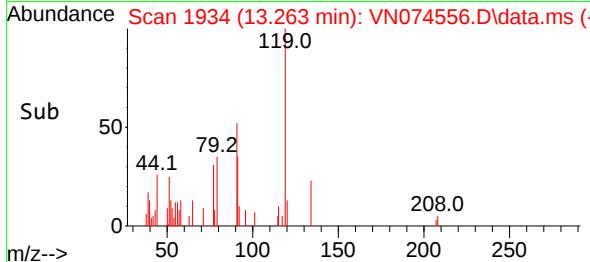
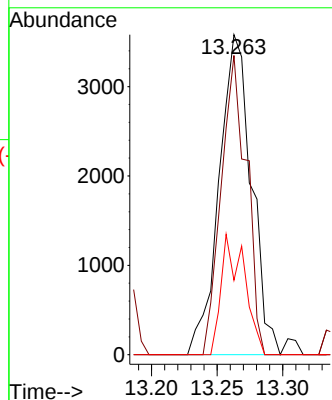
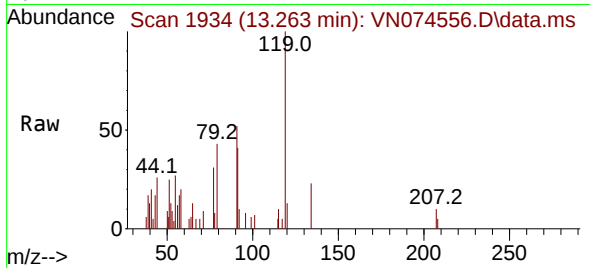




#83
tert-Butylbenzene
Concen: 0.306 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN074556.D
Acq: 17 Sep 2022 15:16

Instrument :
MSVOA_N
ClientSampleId :
DUP090822

Tgt Ion:	119	Resp:	6138
Ion	Ratio	Lower	Upper
119	100		
91	73.4	31.6	94.8
134	26.9	13.7	41.1



#85
sec-Butylbenzene
Concen: 0.606 ug/l
RT: 13.445 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VN074556.D
Acq: 17 Sep 2022 15:16

Tgt Ion:	105	Resp:	16682
Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.4	31.1#

