

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074392.D
 Acq On : 09 Sep 2022 23:00
 Operator : JC\MD
 Sample : N4471-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-083122

Quant Time: Sep 10 07:28:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

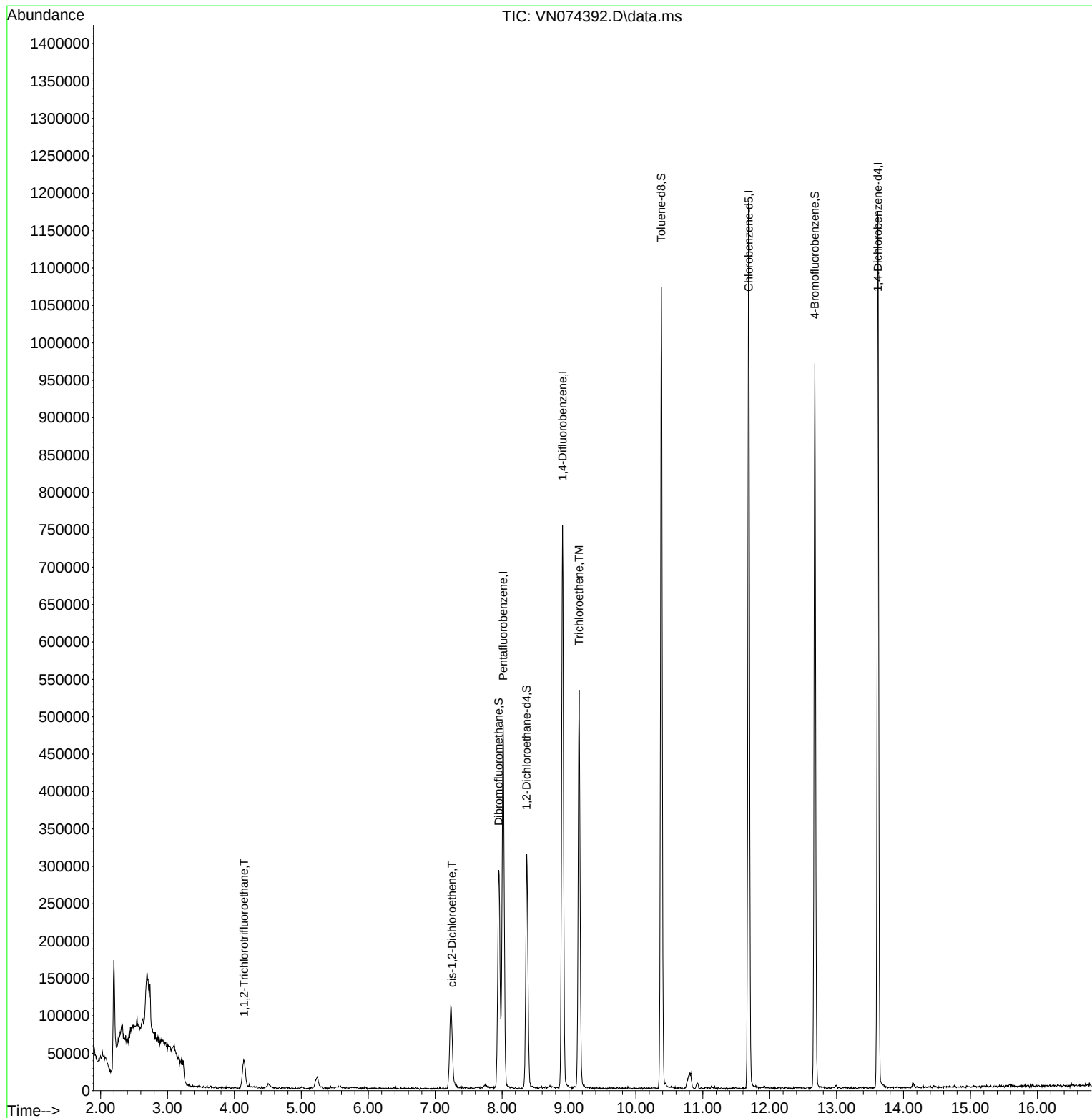
Internal Standards						
1) Pentafluorobenzene	8.016	168	333581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	597845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	593835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	277876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	247362	42.860	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.720%
35) Dibromofluoromethane	7.951	113	203273	50.364	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.720%
50) Toluene-d8	10.380	98	686088	43.627	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.260%
62) 4-Bromofluorobenzene	12.674	95	290551	50.888	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.780%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.146	101	22798	5.335	ug/l	95
27) cis-1,2-Dichloroethene	7.251	96	4205	0.732	ug/l	36
44) Trichloroethene	9.151	130	166434	36.466	ug/l	96

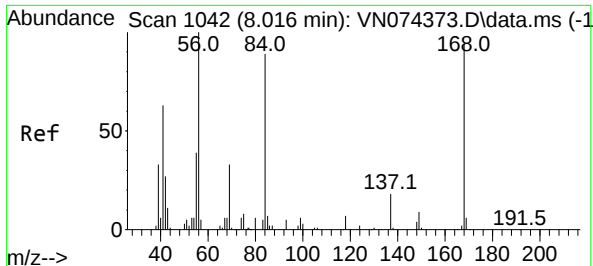
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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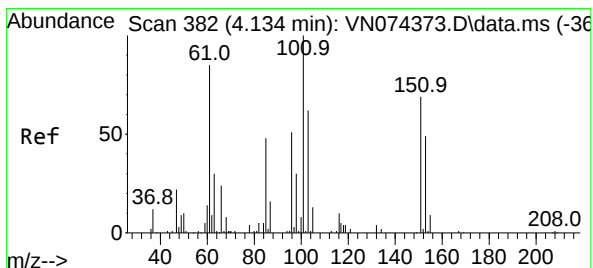
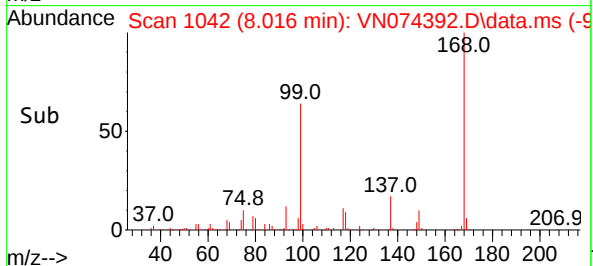
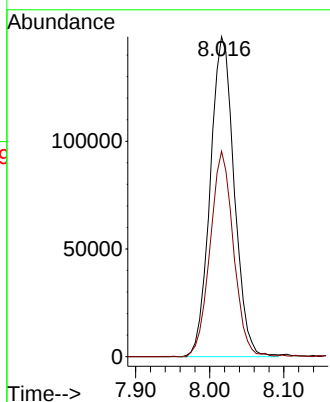
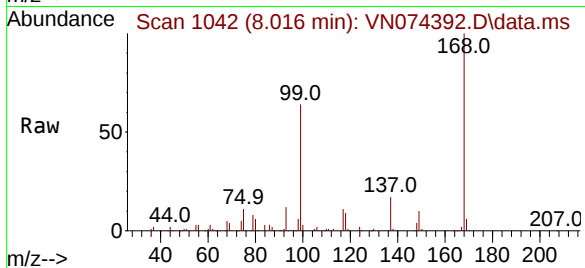




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074392.D
Acq: 09 Sep 2022 23:00

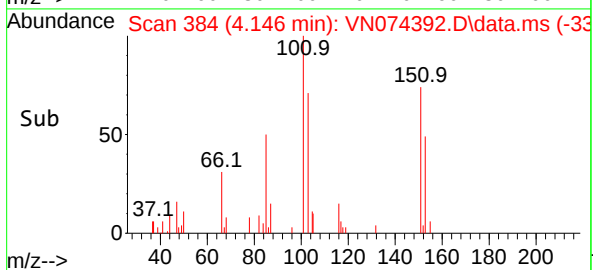
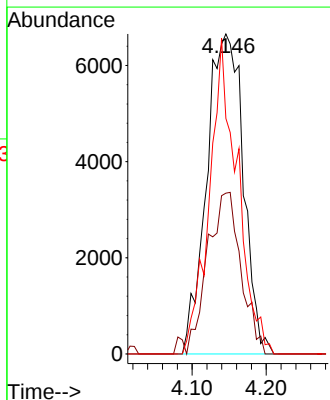
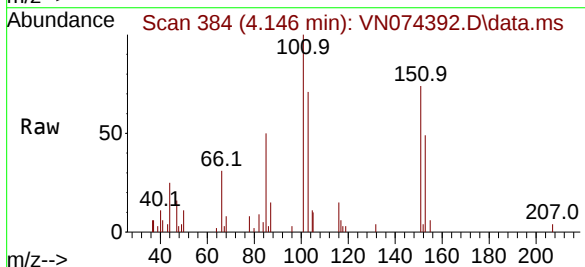
Instrument :
MSVOA_N
ClientSampleId :
TB01-083122

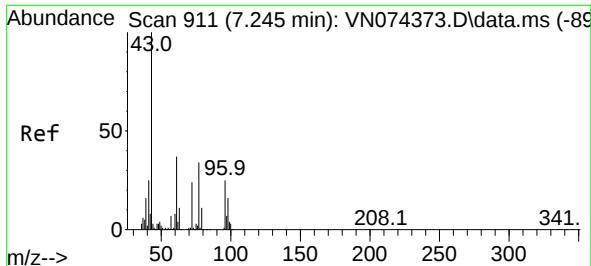
Tgt Ion:168 Resp: 333581
Ion Ratio Lower Upper
168 100
99 64.2 52.8 79.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.335 ug/l
RT: 4.146 min Scan# 384
Delta R.T. 0.012 min
Lab File: VN074392.D
Acq: 09 Sep 2022 23:00

Tgt Ion:101 Resp: 22798
Ion Ratio Lower Upper
101 100
85 46.0 39.5 59.3
151 75.9 57.8 86.6

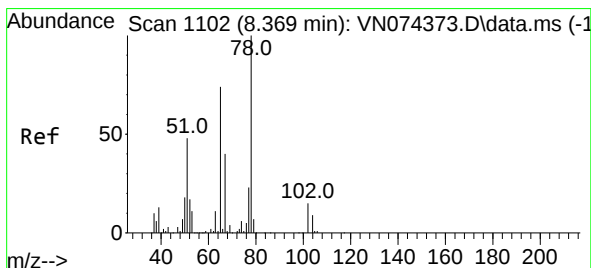
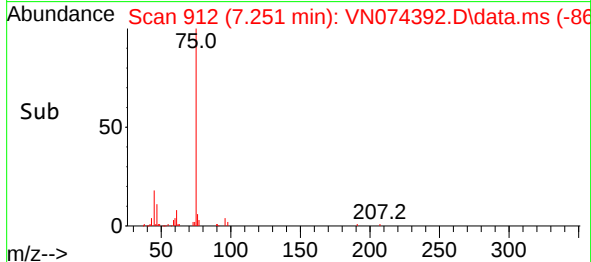
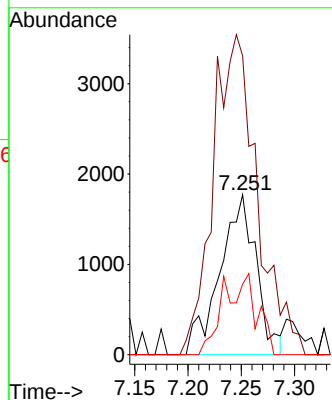
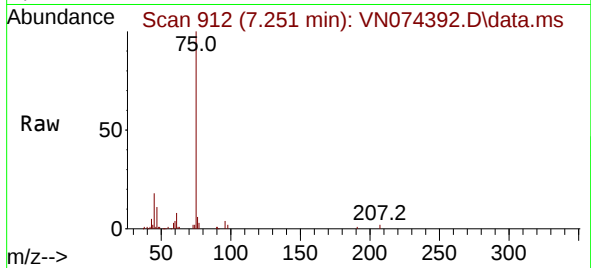




#27
 cis-1,2-Dichloroethene
 Concen: 0.732 ug/l
 RT: 7.251 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VN074392.D
 Acq: 09 Sep 2022 23:00

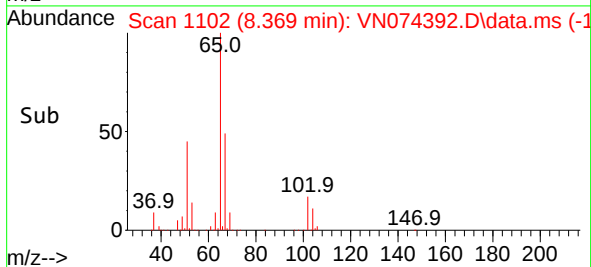
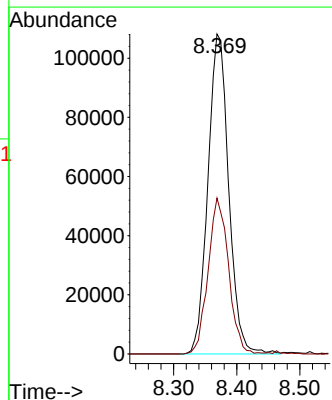
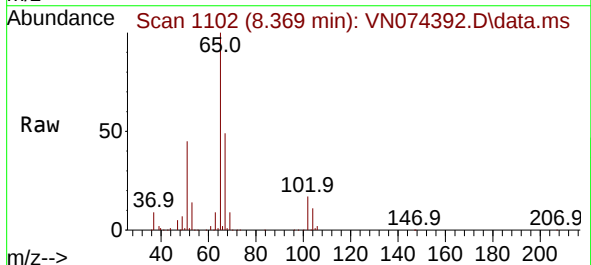
Instrument :
 MSVOA_N
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 TB01-083122

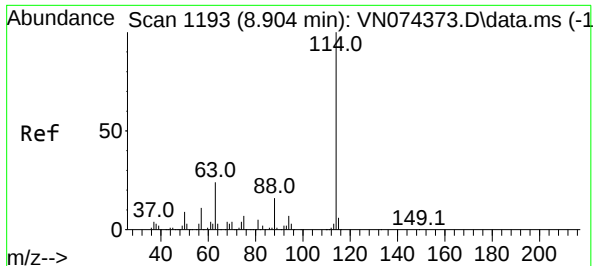
Tgt Ion: 96 Resp: 4205
 Ion Ratio Lower Upper
 96 100
 61 242.8 0.0 306.2
 98 24.0 0.0 129.8



#33
 1,2-Dichloroethane-d4
 Concen: 42.860 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: VN074392.D
 Acq: 09 Sep 2022 23:00

Tgt Ion: 65 Resp: 247362
 Ion Ratio Lower Upper
 65 100
 67 48.1 0.0 102.4

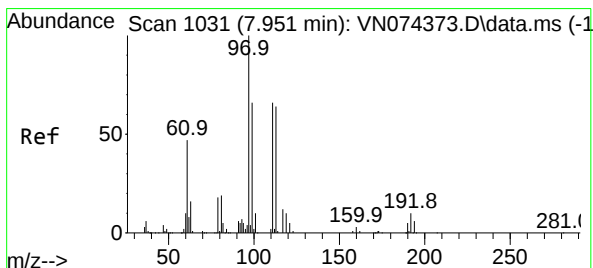
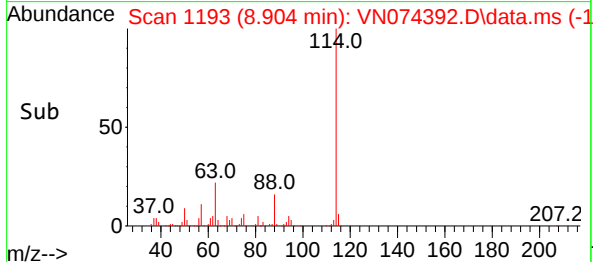
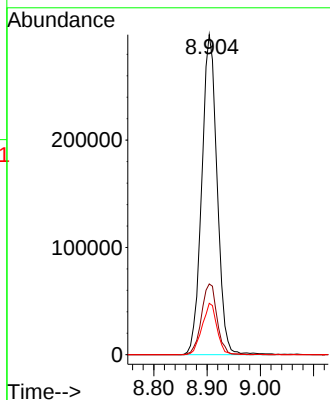
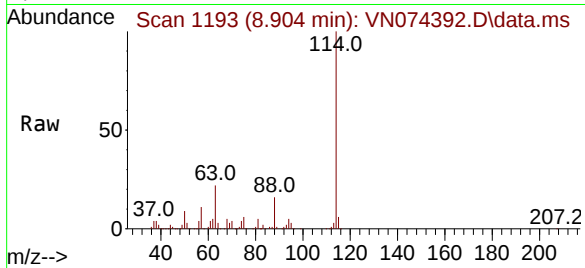




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074392.D
Acq: 09 Sep 2022 23:00

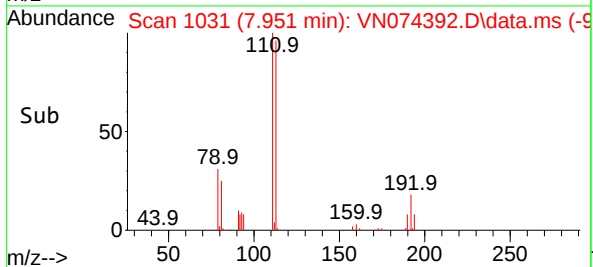
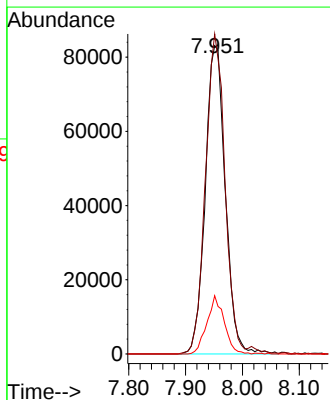
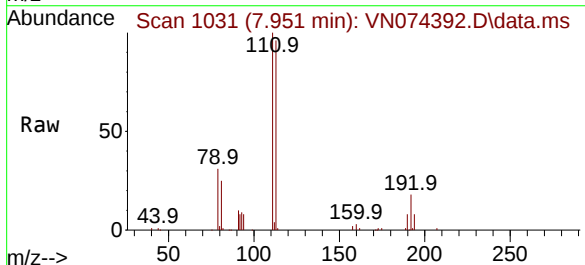
Instrument :
MSVOA_N
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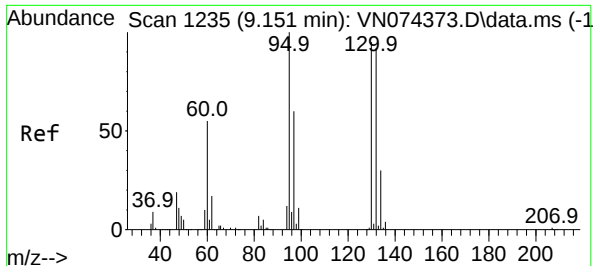
Tgt Ion:	114	Resp:	597845
Ion Ratio	Lower	Upper	
114	100		
63	22.1	0.0	47.6
88	16.0	0.0	31.4



#35
Dibromofluoromethane
Concen: 50.364 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074392.D
Acq: 09 Sep 2022 23:00

Tgt Ion:	113	Resp:	203273
Ion Ratio	Lower	Upper	
113	100		
111	100.8	83.0	124.4
192	16.3	13.7	20.5

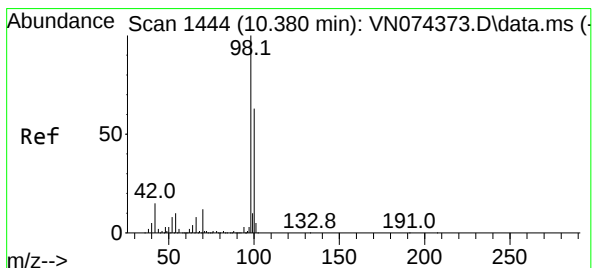
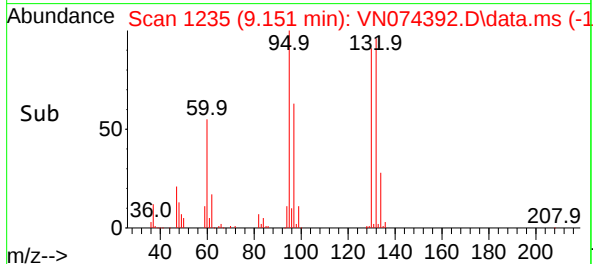
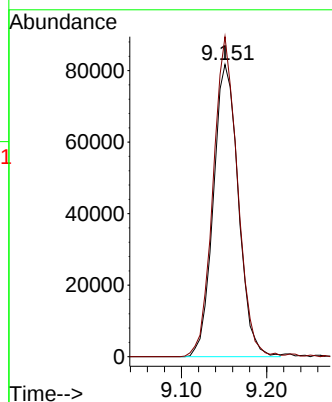
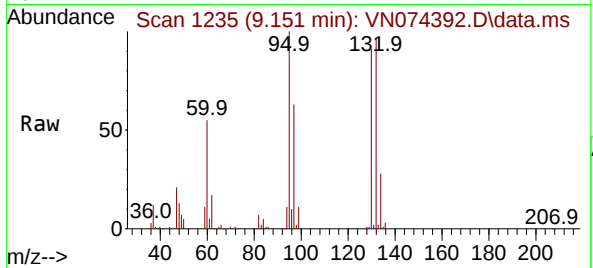




#44
Trichloroethene
Concen: 36.466 ug/l
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074392.D
Acq: 09 Sep 2022 23:00

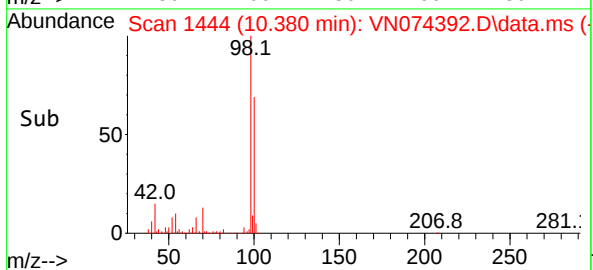
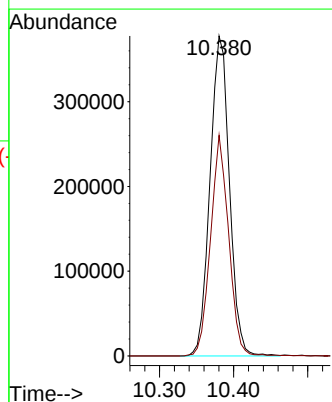
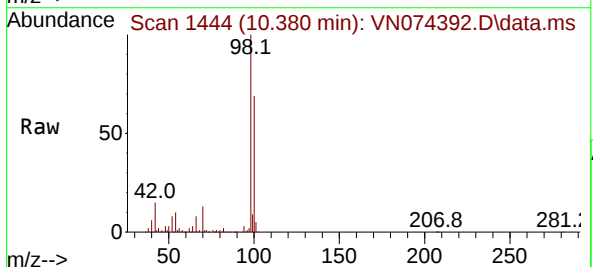
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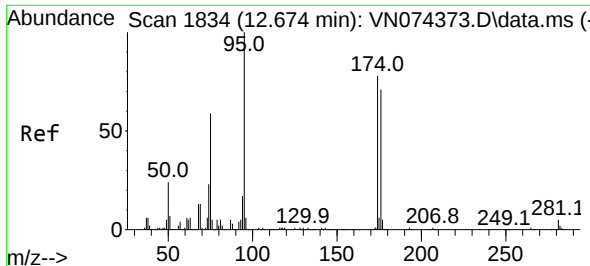
Tgt Ion:130 Resp: 166434
Ion Ratio Lower Upper
130 100
95 109.5 0.0 210.0



#50
Toluene-d8
Concen: 43.627 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074392.D
Acq: 09 Sep 2022 23:00

Tgt Ion: 98 Resp: 686088
Ion Ratio Lower Upper
98 100
100 64.5 50.6 76.0

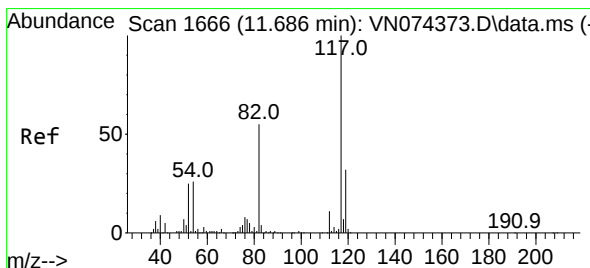
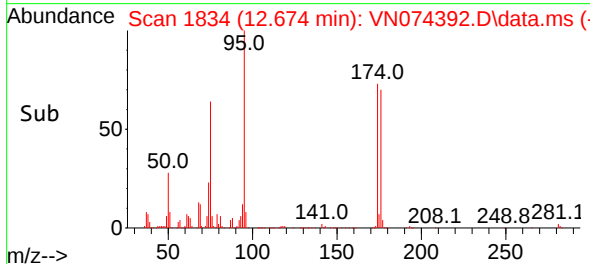
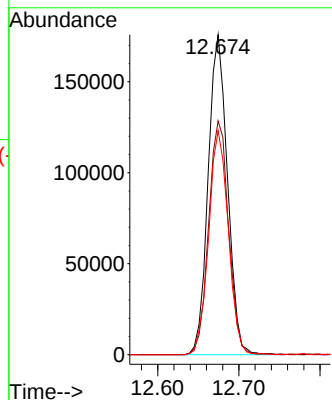
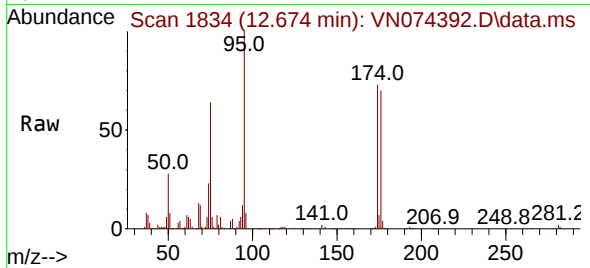




#62
4-Bromofluorobenzene
Concen: 50.888 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074392.D
Acq: 09 Sep 2022 23:00

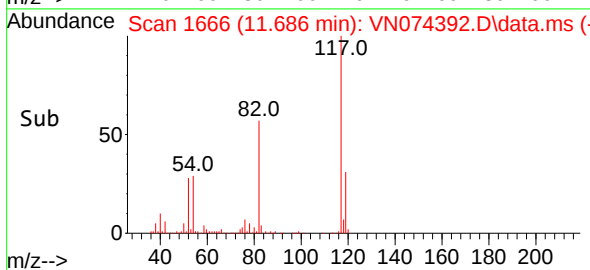
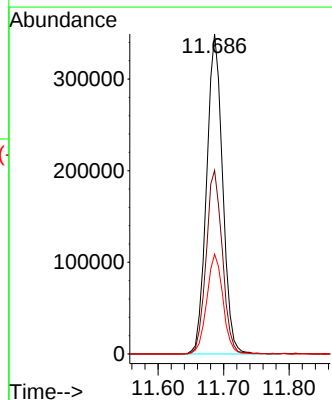
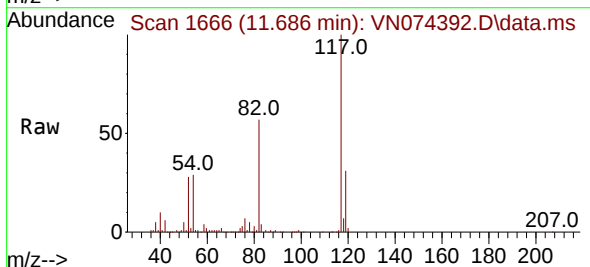
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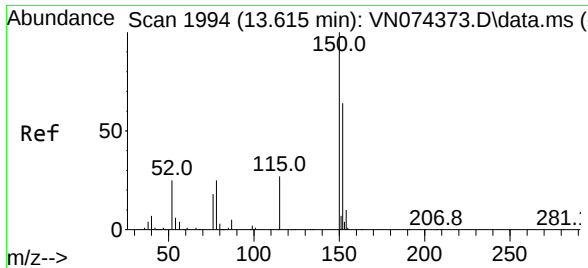
Tgt Ion: 95 Resp: 290551
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.6
176 71.0 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074392.D
Acq: 09 Sep 2022 23:00

Tgt Ion: 117 Resp: 593835
Ion Ratio Lower Upper
117 100
82 57.3 44.3 66.5
119 31.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN074392.D
 Acq: 09 Sep 2022 23:00

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-083122

Tgt Ion:	152	Resp:	277876
Ion	Ratio	Lower	Upper
152	100		
115	62.5	32.0	96.0
150	160.2	0.0	359.6

