

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092021\
 Data File : VN068566.D
 Acq On : 20 Sep 2021 20:00
 Operator : JC/MD
 Sample : M3781-08DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW179D2-20210915DL

Quant Time: Sep 21 07:30:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

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

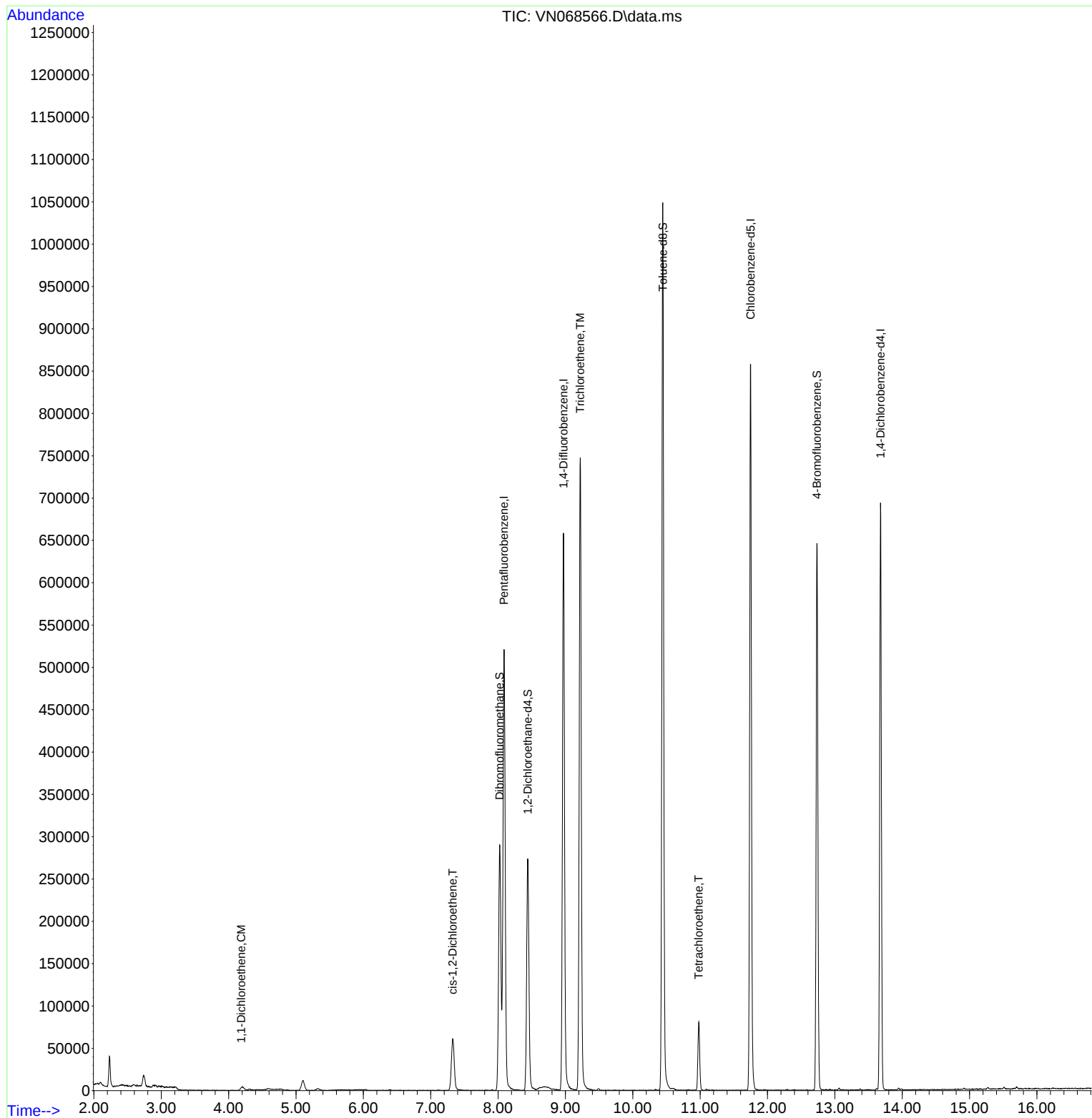
Internal Standards						
1) Pentafluorobenzene	8.088	168	439568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	641965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	554701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	208087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	229403	56.893	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.780%			
35) Dibromofluoromethane	8.024	113	211469	54.617	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.240%			
50) Toluene-d8	10.446	98	785699	49.515	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.020%			
62) 4-Bromofluorobenzene	12.734	95	223323	43.273	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 86.540%			
Target Compounds						
12) 1,1-Dichloroethene	4.189	96	1724	0.499	ug/l #	76
27) cis-1,2-Dichloroethene	7.327	96	35575	7.682	ug/l	92
44) Trichloroethene	9.220	130	298377	59.485	ug/l	97
64) Tetrachloroethene	10.977	164	20816	4.234	ug/l	95

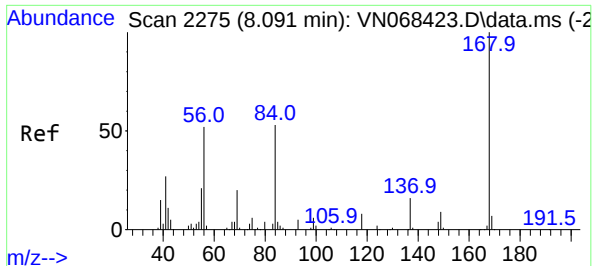
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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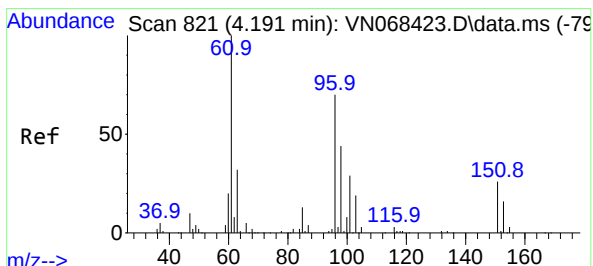
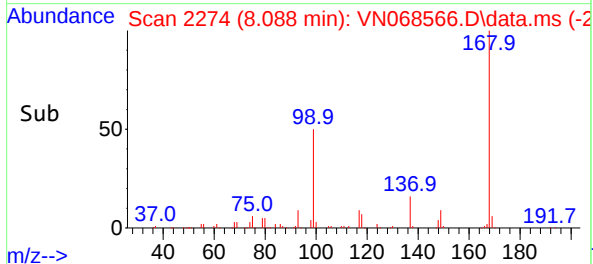
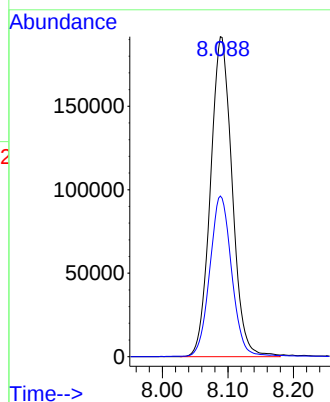
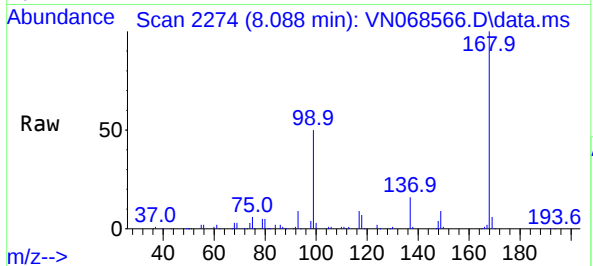




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VN068566.D
Acq: 20 Sep 2021 20:00

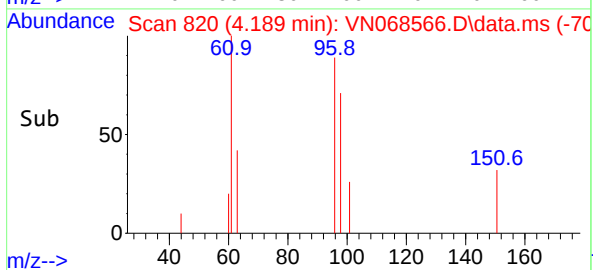
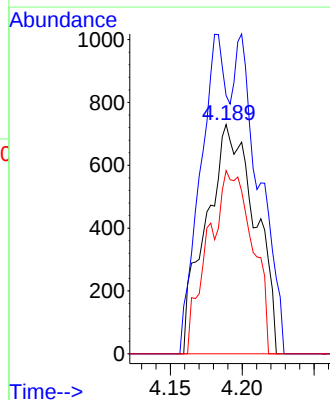
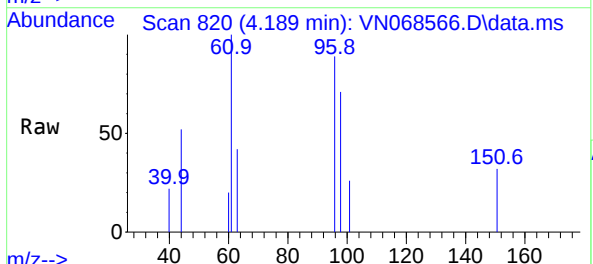
Instrument :
MSVOA_N
ClientSampleId :
MW179D2-20210915DL

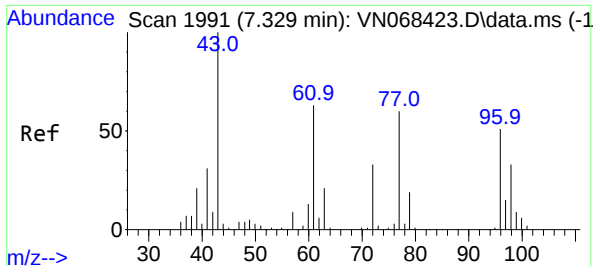
Tgt Ion:168 Resp: 439568
Ion Ratio Lower Upper
168 100
99 50.1 38.2 57.4



#12
1,1-Dichloroethene
Concen: 0.499 ug/l
RT: 4.189 min Scan# 820
Delta R.T. -0.002 min
Lab File: VN068566.D
Acq: 20 Sep 2021 20:00

Tgt Ion: 96 Resp: 1724
Ion Ratio Lower Upper
96 100
61 112.6 114.7 172.1#
98 79.9 50.9 76.3#

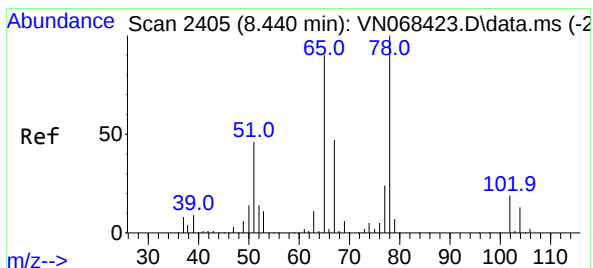
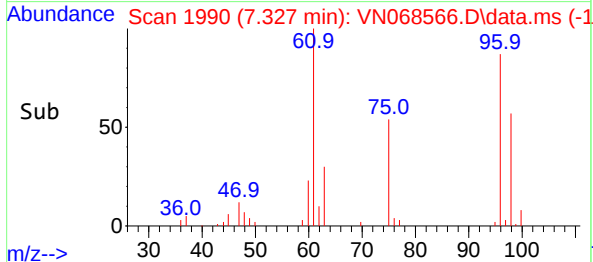
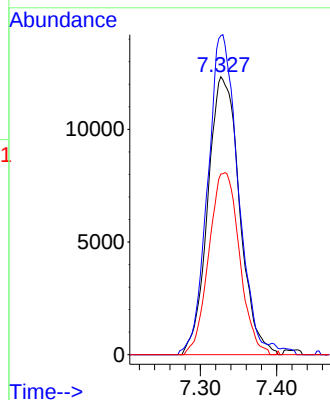
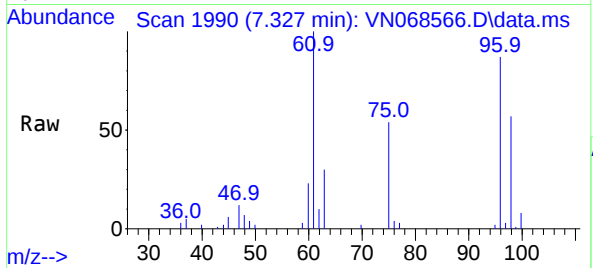




#27
cis-1,2-Dichloroethene
Concen: 7.682 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.002 min
Lab File: VN068566.D
Acq: 20 Sep 2021 20:00

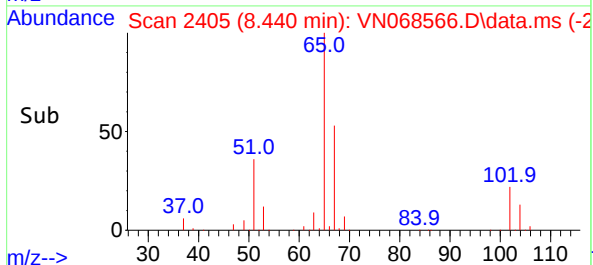
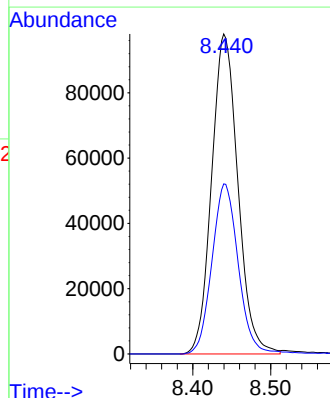
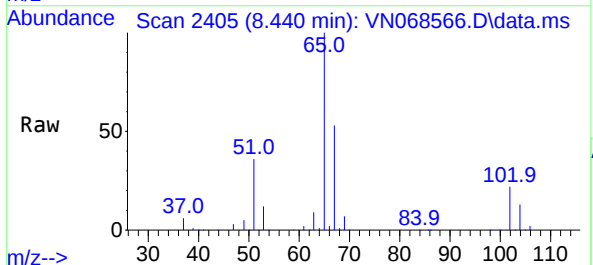
Instrument :
MSVOA_N
ClientSampleId :
MW179D2-20210915DL

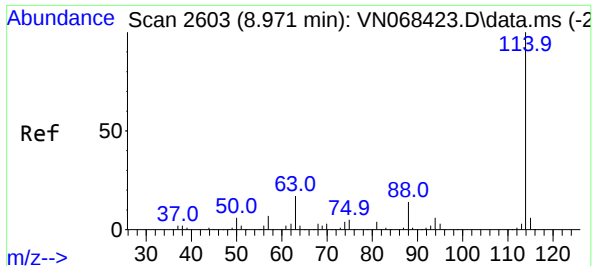
Tgt Ion:	96	Resp:	35575
Ion	Ratio	Lower	Upper
96	100		
61	109.9	0.0	246.4
98	63.4	0.0	130.4



#33
1,2-Dichloroethane-d4
Concen: 56.893 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068566.D
Acq: 20 Sep 2021 20:00

Tgt Ion:	65	Resp:	229403
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	104.0

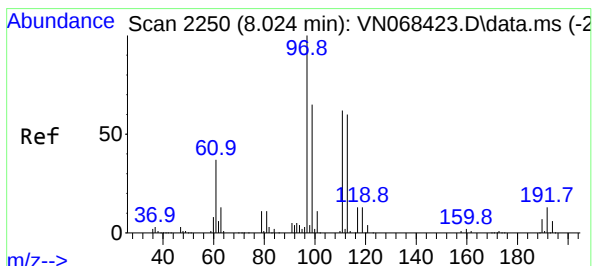
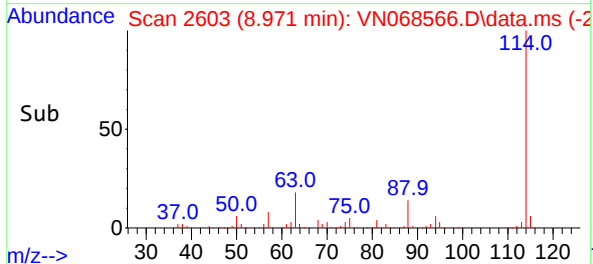
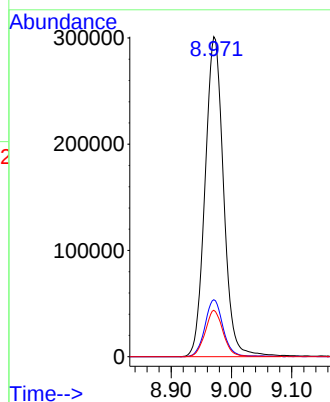
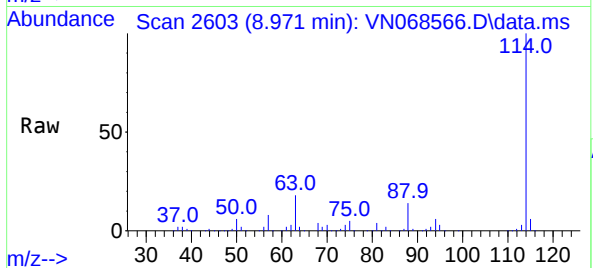




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068566.D
Acq: 20 Sep 2021 20:00

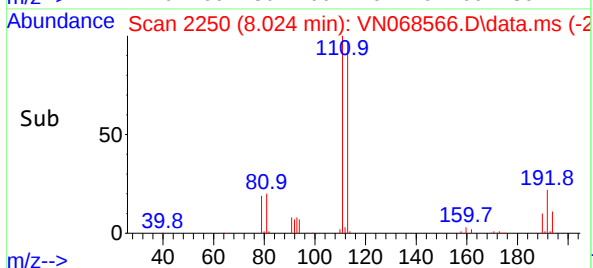
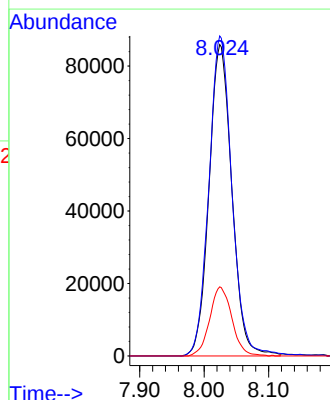
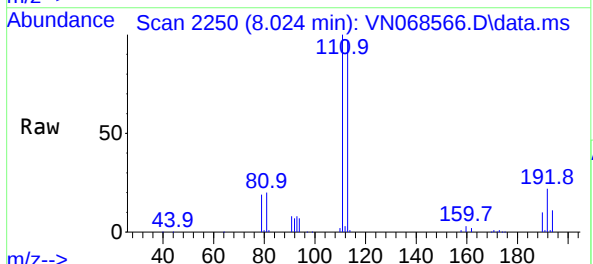
Instrument :
MSVOA_N
ClientSampleId :
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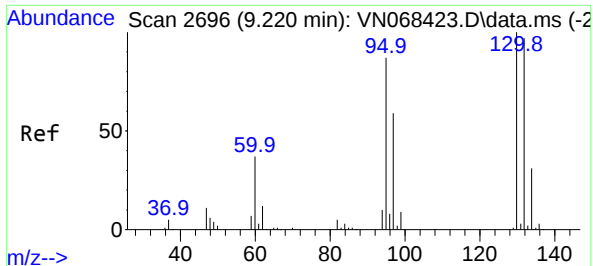
Tgt Ion:114 Resp: 641965
Ion Ratio Lower Upper
114 100
63 17.8 0.0 33.2
88 14.5 0.0 28.4



#35
Dibromofluoromethane
Concen: 54.617 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068566.D
Acq: 20 Sep 2021 20:00

Tgt Ion:113 Resp: 211469
Ion Ratio Lower Upper
113 100
111 103.6 81.1 121.7
192 21.6 17.7 26.5

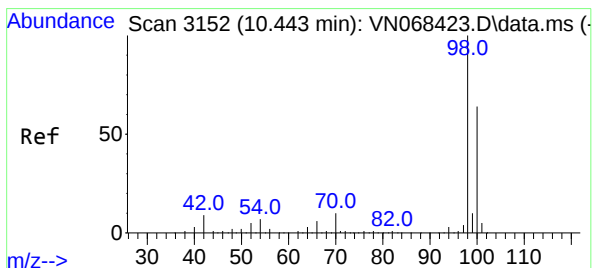
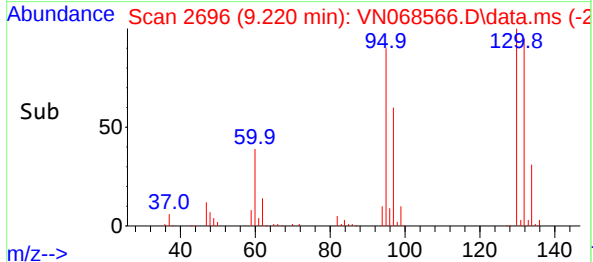
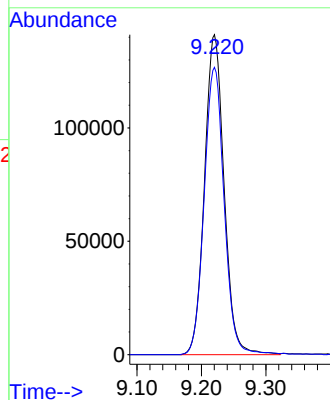
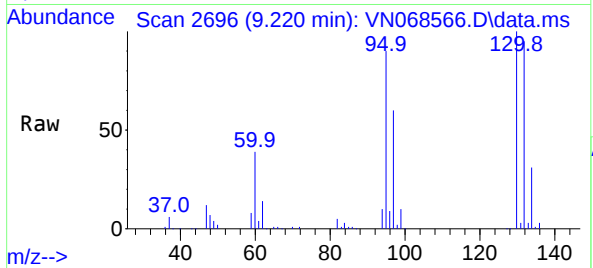




#44
Trichloroethene
Concen: 59.485 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.000 min
Lab File: VN068566.D
Acq: 20 Sep 2021 20:00

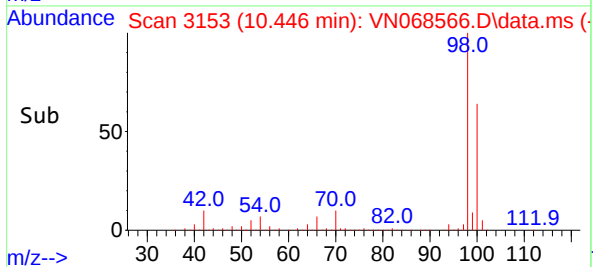
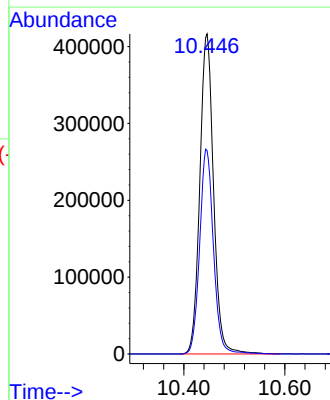
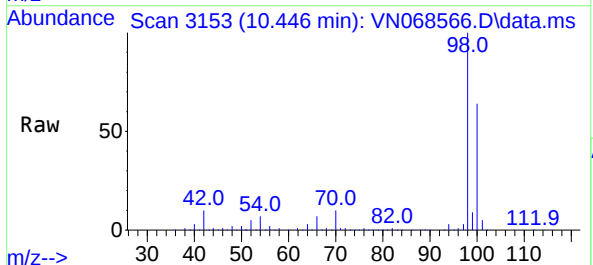
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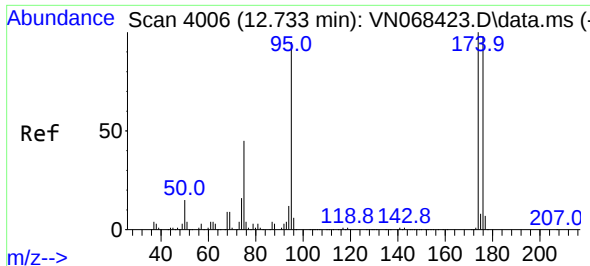
Tgt Ion:130 Resp: 298377
Ion Ratio Lower Upper
130 100
95 89.8 0.0 173.8



#50
Toluene-d8
Concen: 49.515 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068566.D
Acq: 20 Sep 2021 20:00

Tgt Ion: 98 Resp: 785699
Ion Ratio Lower Upper
98 100
100 64.3 51.0 76.6



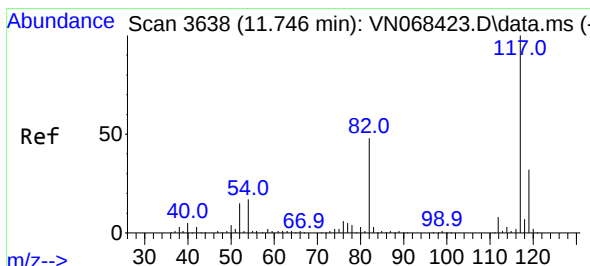
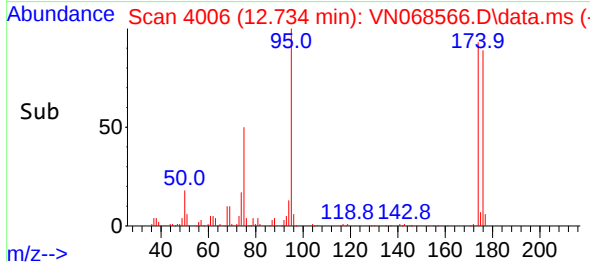
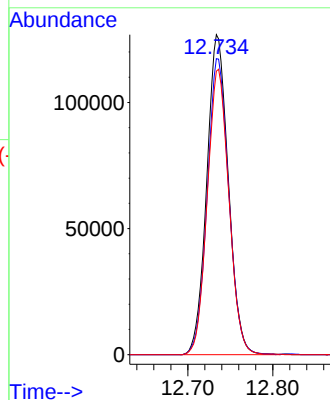
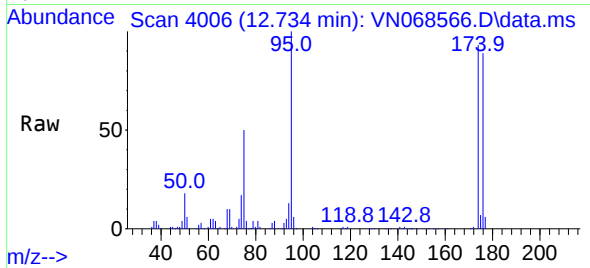


#62
4-Bromofluorobenzene
Concen: 43.273 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN068566.D
Acq: 20 Sep 2021 20:00

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 95 Resp: 223323

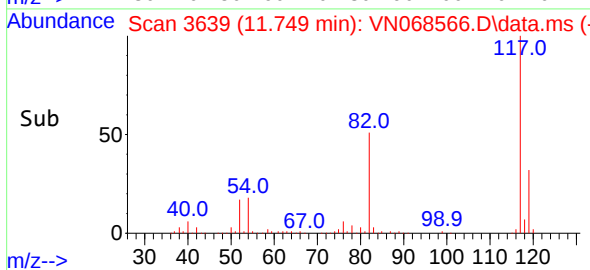
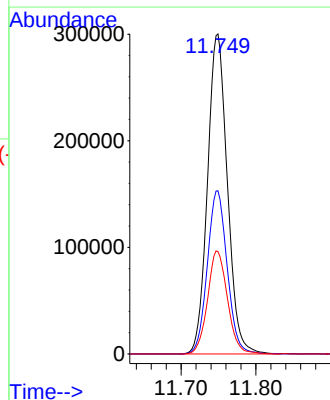
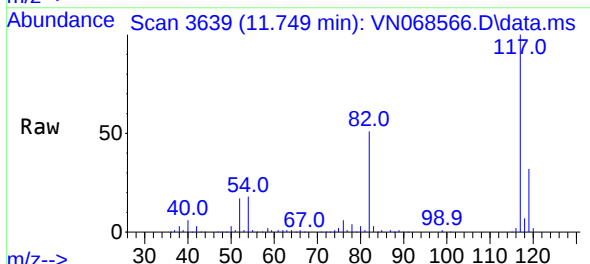
Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	214.0
176	89.5	0.0	205.4

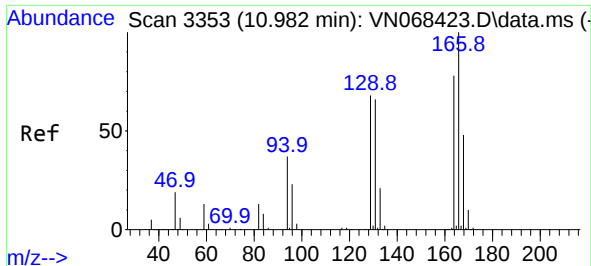


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068566.D
Acq: 20 Sep 2021 20:00

Tgt Ion: 117 Resp: 554701

Ion	Ratio	Lower	Upper
117	100		
82	51.0	38.7	58.1
119	32.0	25.5	38.3



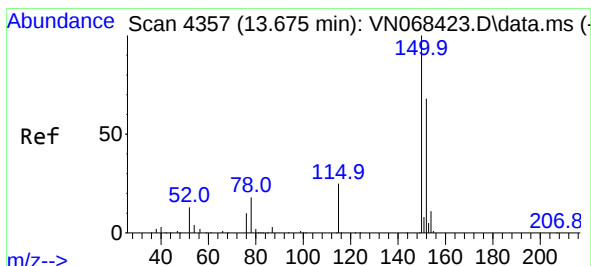
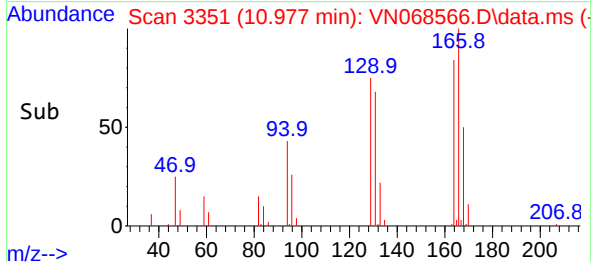
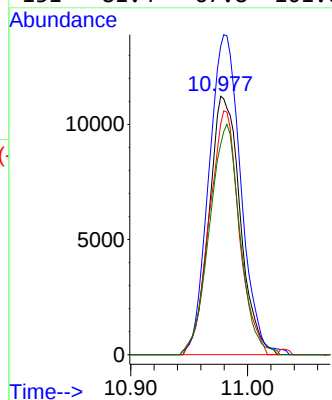
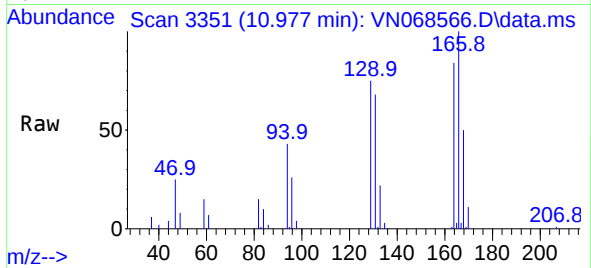


#64
Tetrachloroethene
Concen: 4.234 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.005 min
Lab File: VN068566.D
Acq: 20 Sep 2021 20:00

Instrument :
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Tgt Ion:164 Resp: 20816

Ion	Ratio	Lower	Upper
164	100		
166	119.3	102.9	154.3
129	89.3	70.1	105.1
131	81.4	67.8	101.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068566.D
Acq: 20 Sep 2021 20:00

Tgt Ion:152 Resp: 208087

Ion	Ratio	Lower	Upper
152	100		
115	53.4	25.6	76.6
150	154.8	0.0	346.8

