

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092021\
 Data File : VN068567.D
 Acq On : 20 Sep 2021 20:26
 Operator : JC/MD
 Sample : M3781-12DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D4-20210916DL

Quant Time: Sep 21 07:30:18 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)

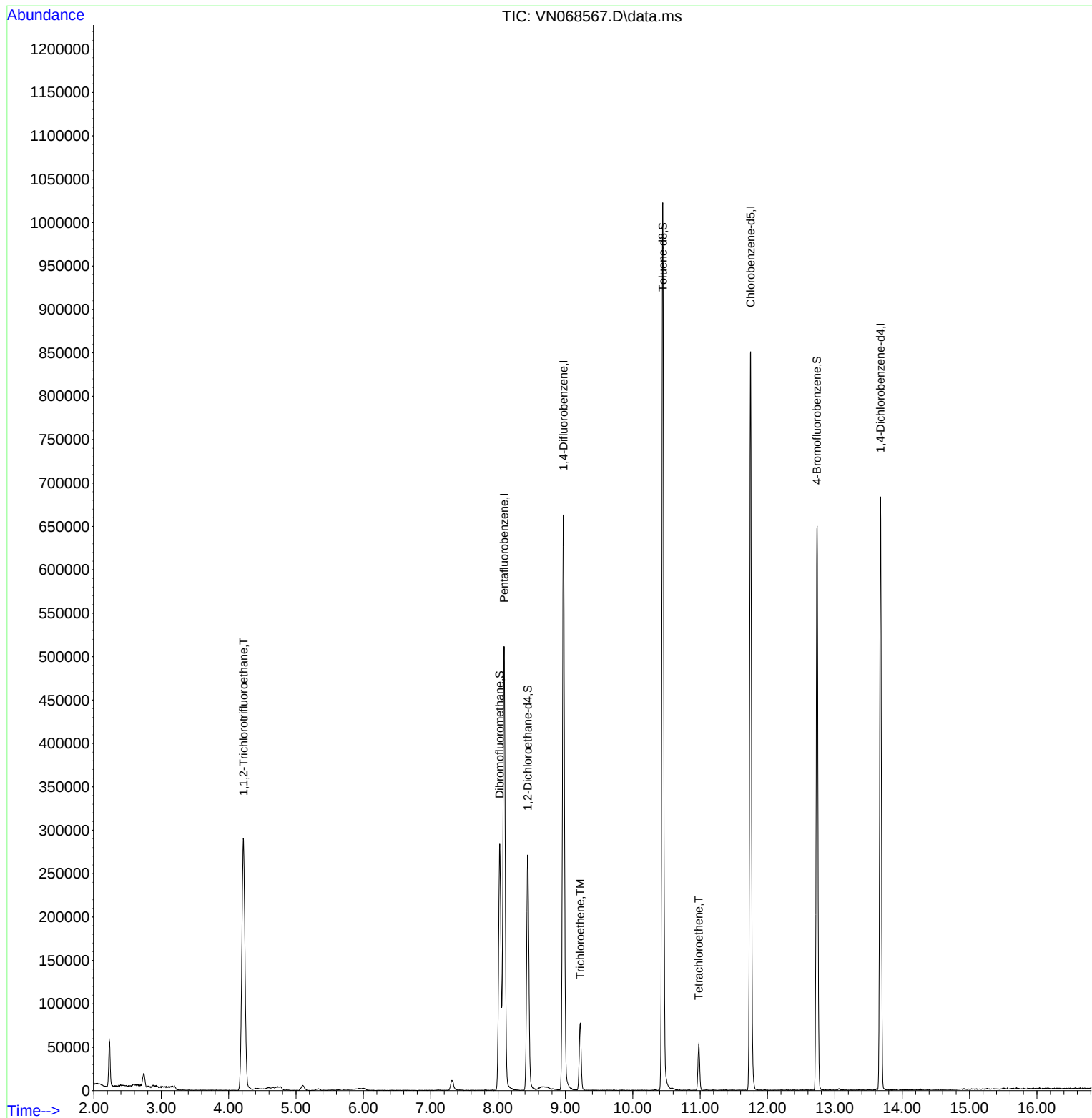
Internal Standards						
1) Pentafluorobenzene	8.091	168	435491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	652038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	557196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	205482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	230260	57.640	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 115.280%			
35) Dibromofluoromethane	8.024	113	208980	53.140	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.280%			
50) Toluene-d8	10.446	98	780102	48.483	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.960%			
62) 4-Bromofluorobenzene	12.734	95	224156	42.812	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 85.620%			
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.221	101	191176	51.154	ug/l	95
44) Trichloroethene	9.218	130	30356	5.958	ug/l	100
64) Tetrachloroethene	10.980	164	13006	2.634	ug/l	93

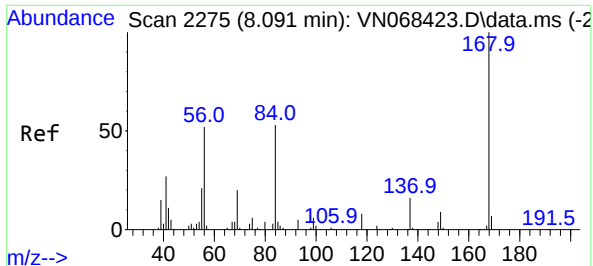
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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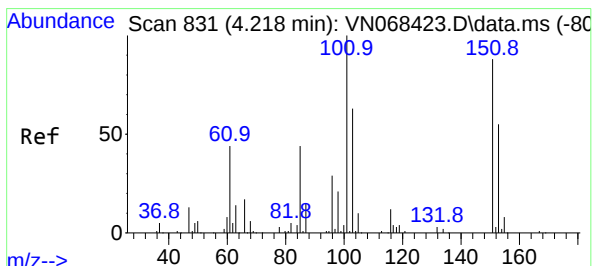
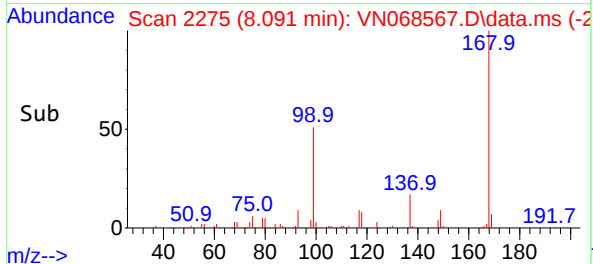
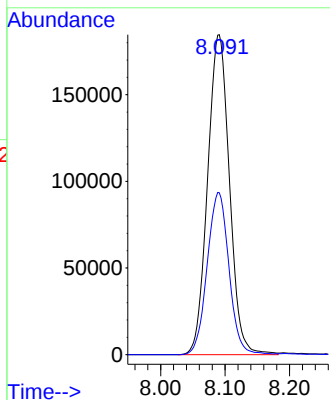
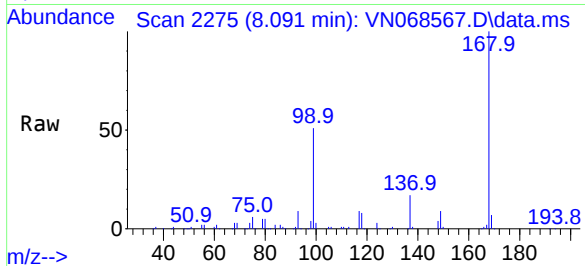




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VN068567.D
Acq: 20 Sep 2021 20:26

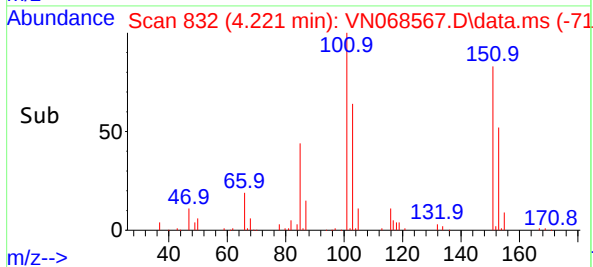
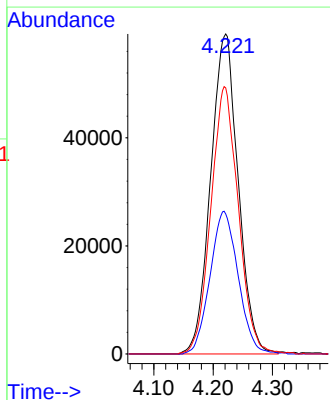
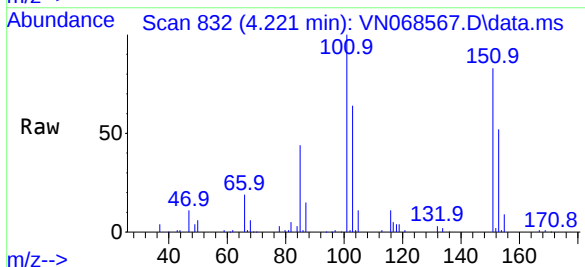
Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20210916DL

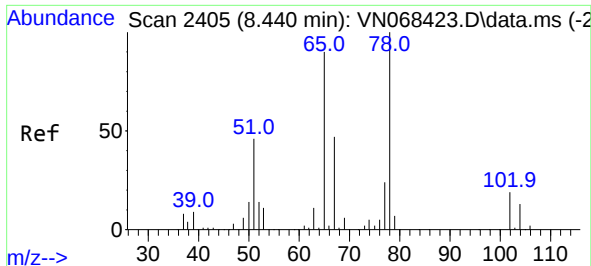
Tgt Ion:168 Resp: 435491
Ion Ratio Lower Upper
168 100
99 50.6 38.2 57.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.154 ug/l
RT: 4.221 min Scan# 832
Delta R.T. 0.003 min
Lab File: VN068567.D
Acq: 20 Sep 2021 20:26

Tgt Ion:101 Resp: 191176
Ion Ratio Lower Upper
101 100
85 45.6 35.7 53.5
151 83.2 71.6 107.4



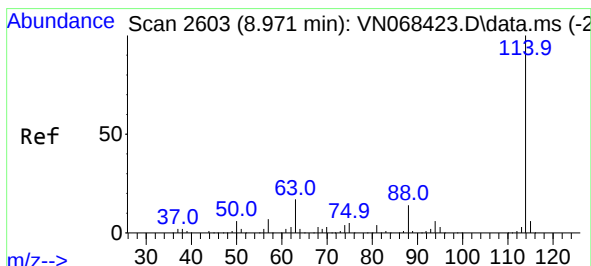
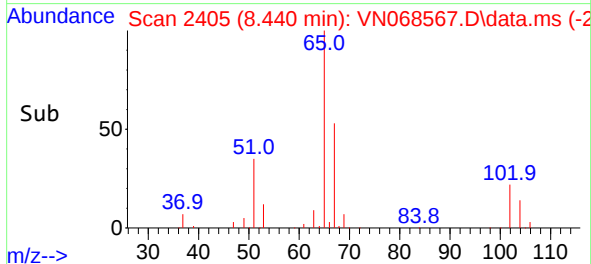
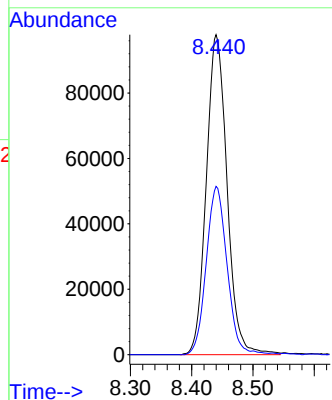
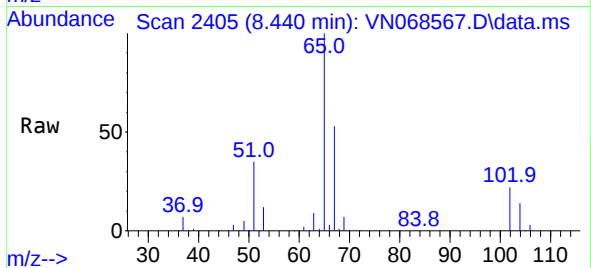


#33

1,2-Dichloroethane-d4
Concen: 57.640 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068567.D
Acq: 20 Sep 2021 20:26

Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20210916DL

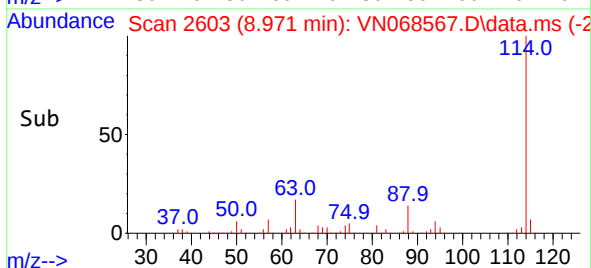
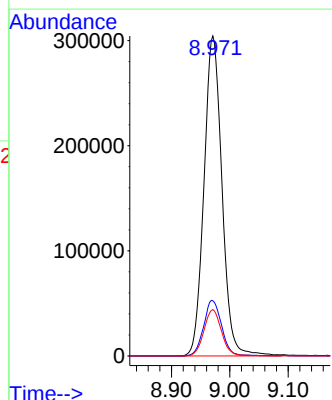
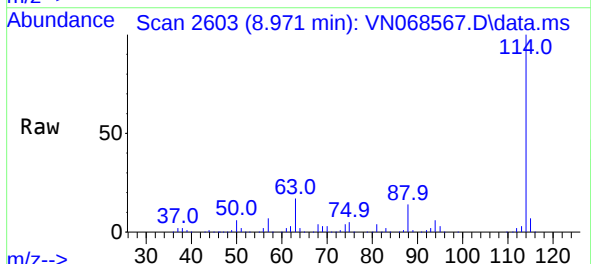
Tgt Ion: 65 Resp: 230260
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.0

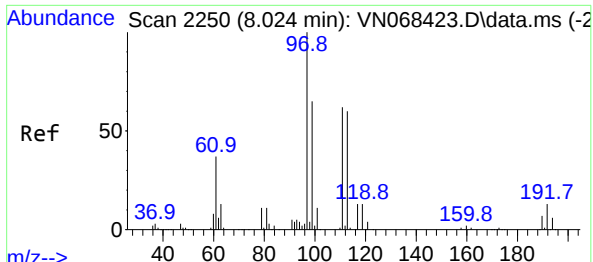


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068567.D
Acq: 20 Sep 2021 20:26

Tgt Ion: 114 Resp: 652038
Ion Ratio Lower Upper
114 100
63 17.3 0.0 33.2
88 14.5 0.0 28.4

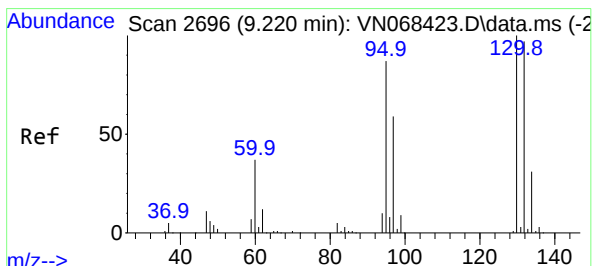
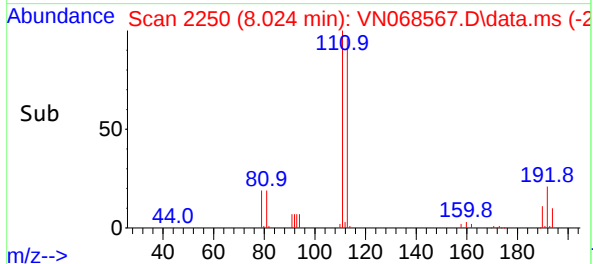
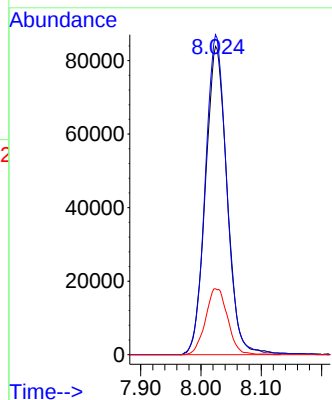
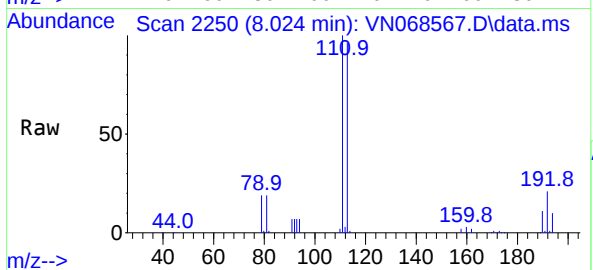




#35
Dibromofluoromethane
Concen: 53.140 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068567.D
Acq: 20 Sep 2021 20:26

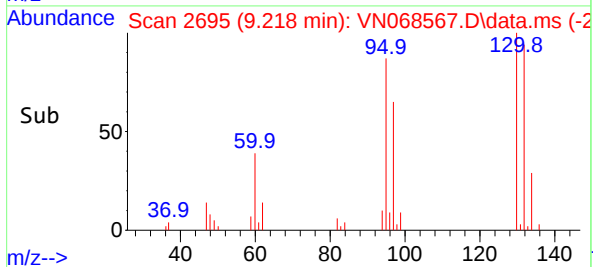
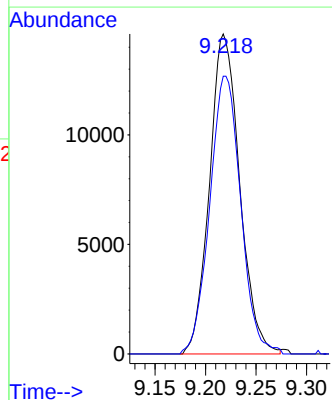
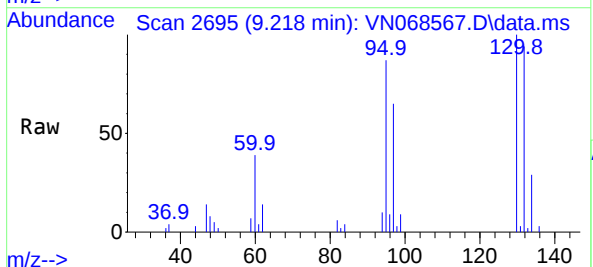
Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20210916DL

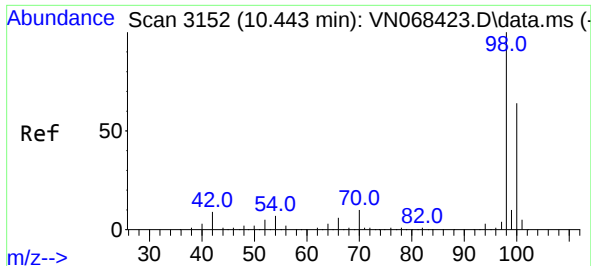
Tgt Ion:113 Resp: 208980
Ion Ratio Lower Upper
113 100
111 102.1 81.1 121.7
192 21.8 17.7 26.5



#44
Trichloroethene
Concen: 5.958 ug/l
RT: 9.218 min Scan# 2695
Delta R.T. -0.002 min
Lab File: VN068567.D
Acq: 20 Sep 2021 20:26

Tgt Ion:130 Resp: 30356
Ion Ratio Lower Upper
130 100
95 86.8 0.0 173.8

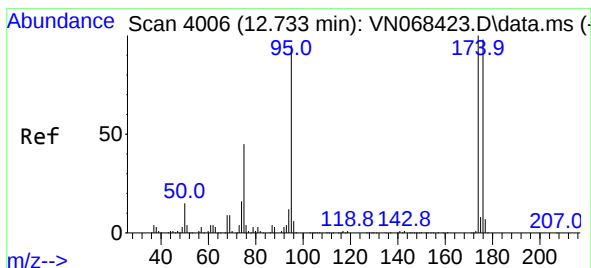
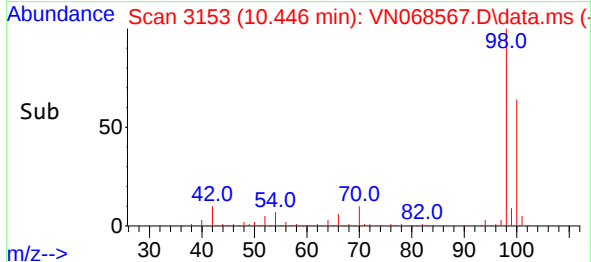
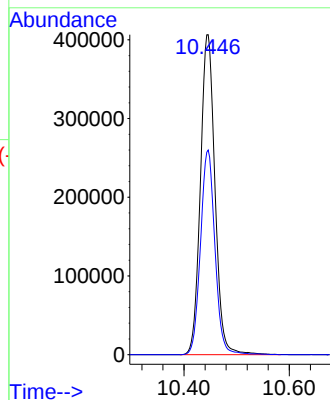
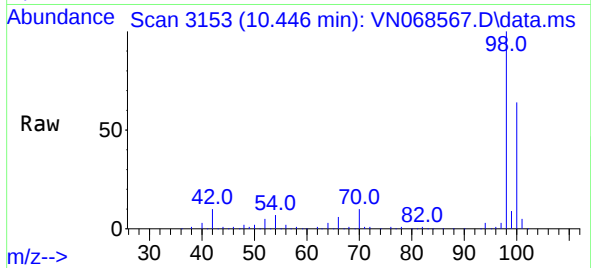




#50
Toluene-d8
Concen: 48.483 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068567.D
Acq: 20 Sep 2021 20:26

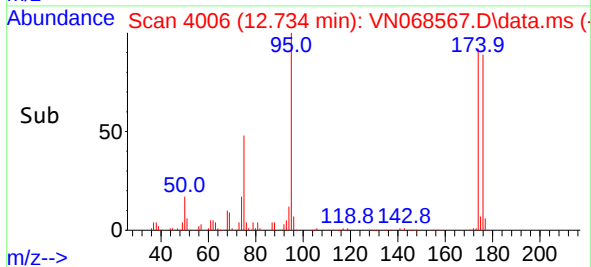
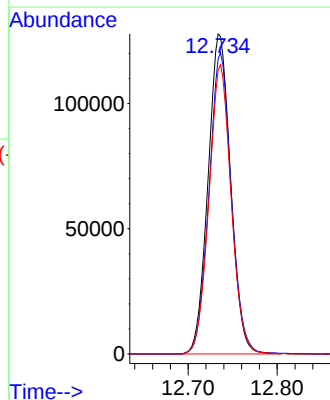
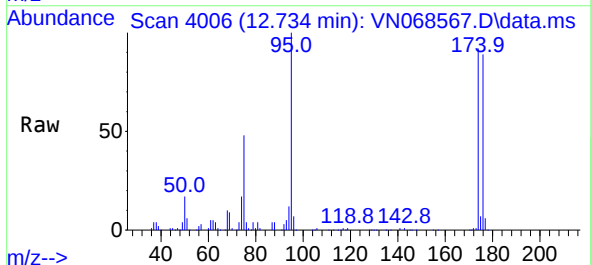
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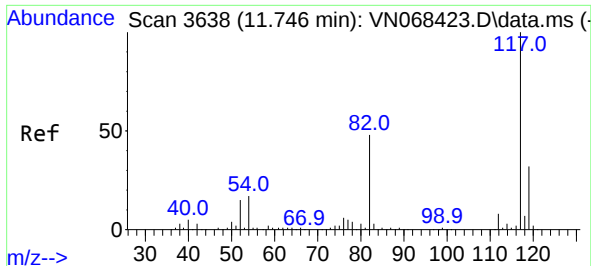
Tgt Ion: 98 Resp: 780102
Ion Ratio Lower Upper
98 100
100 63.5 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 42.812 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN068567.D
Acq: 20 Sep 2021 20:26

Tgt Ion: 95 Resp: 224156
Ion Ratio Lower Upper
95 100
174 93.4 0.0 214.0
176 89.1 0.0 205.4

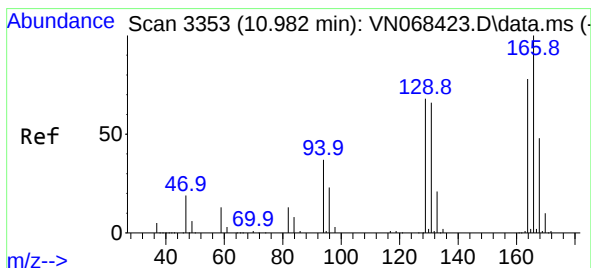
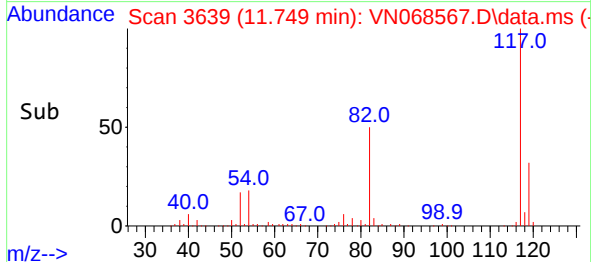
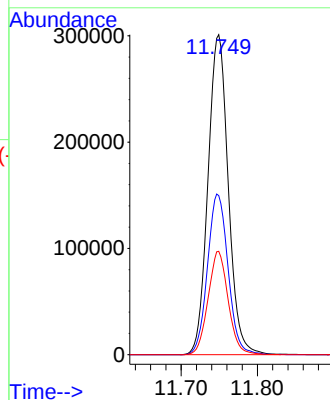
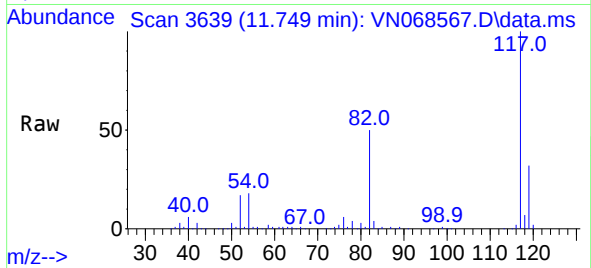




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068567.D
Acq: 20 Sep 2021 20:26

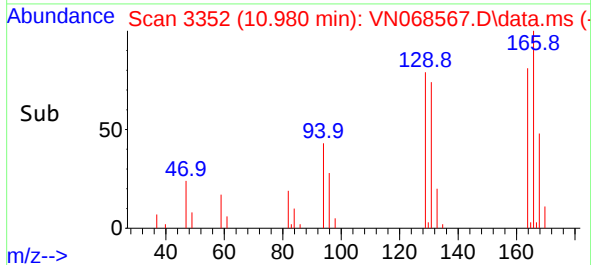
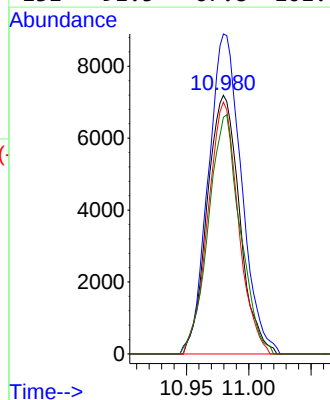
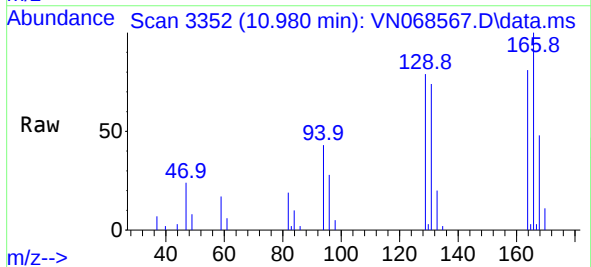
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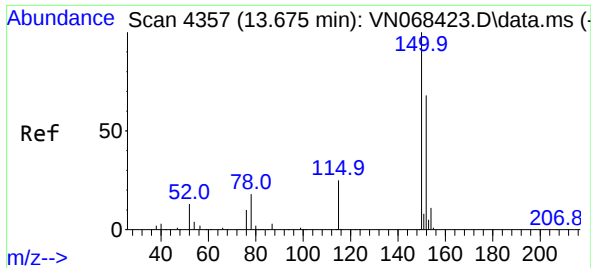
Tgt Ion:	117	Resp:	557196
Ion	Ratio	Lower	Upper
117	100		
82	49.7	38.7	58.1
119	32.3	25.5	38.3



#64
Tetrachloroethene
Concen: 2.634 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. -0.002 min
Lab File: VN068567.D
Acq: 20 Sep 2021 20:26

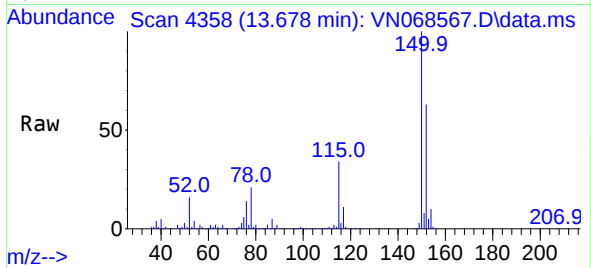
Tgt Ion:	164	Resp:	13006
Ion	Ratio	Lower	Upper
164	100		
166	123.7	102.9	154.3
129	97.3	70.1	105.1
131	91.5	67.8	101.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN068567.D
 Acq: 20 Sep 2021 20:26

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D4-20210916DL



Tgt Ion:152 Resp: 205482

Ion	Ratio	Lower	Upper
152	100		
115	53.4	25.6	76.6
150	155.9	0.0	346.8

