

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012021\
 Data File : VW020084.D
 Acq On : 20 Jan 2021 18:33
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK62

Quant Time: Jan 20 23:42:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 23:39:20 2021
 Response via : Initial Calibration

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

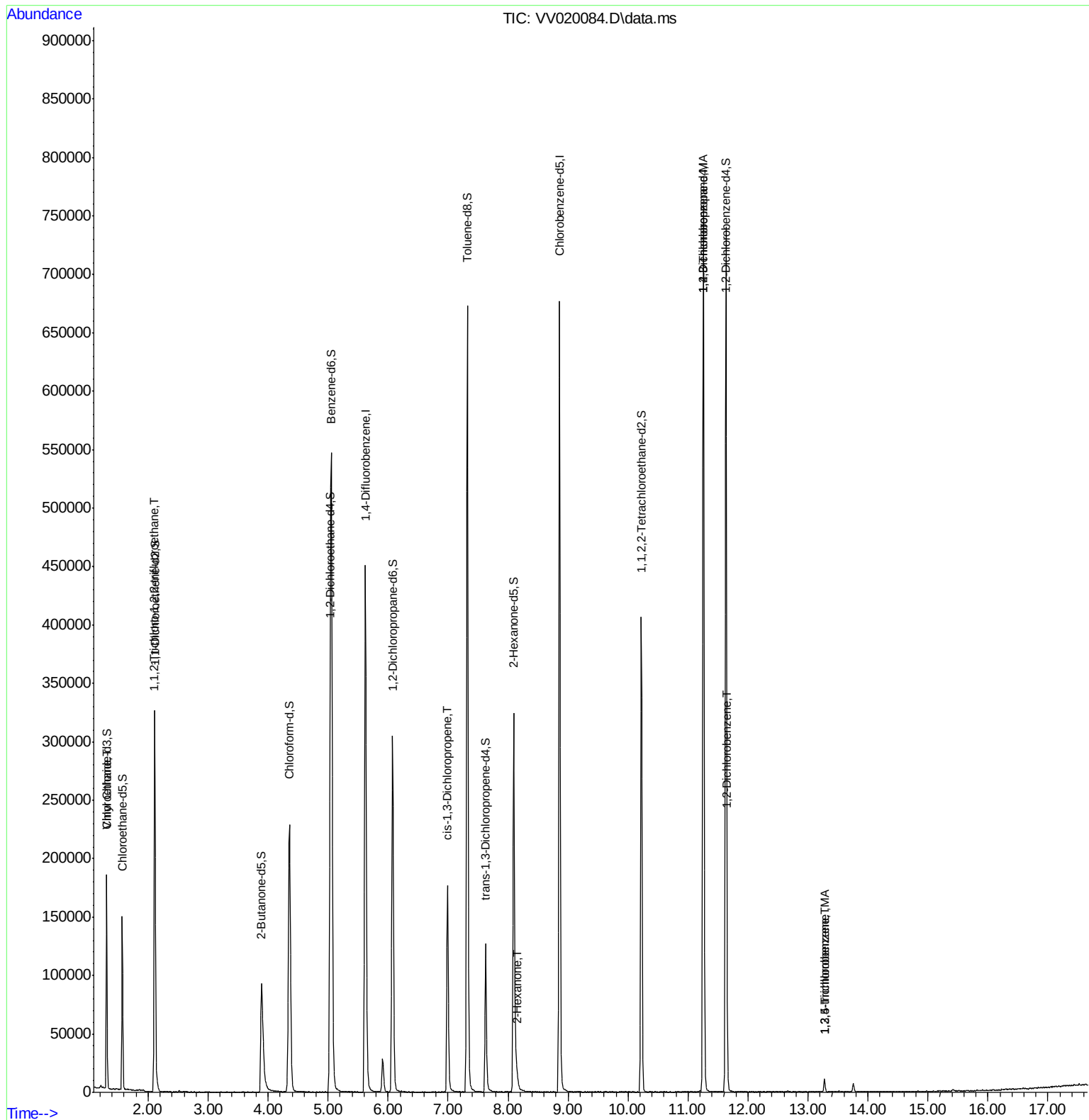
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	385206	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	373592	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	192899	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	113754	47.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.14%		
7) Chloroethane-d5	1.569	69	86234	46.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.58%		
11) 1,1-Dichloroethene-d2	2.110	63	170769	35.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.76%		
21) 2-Butanone-d5	3.891	46	162447	96.46	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.46%		
24) Chloroform-d	4.354	84	239727	44.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.84%		
26) 1,2-Dichloroethane-d4	5.035	65	166169	45.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.98%		
32) Benzene-d6	5.055	84	471171	47.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.40%		
36) 1,2-Dichloropropane-d6	6.074	67	137859	47.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.52%		
41) Toluene-d8	7.318	98	439143	47.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.46%		
43) trans-1,3-Dichloroprop...	7.624	79	70872	43.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.72%		
47) 2-Hexanone-d5	8.093	63	104250	87.46	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.46%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	179412	44.19	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.38%		
64) 1,2-Dichlorobenzene-d4	11.633	152	193129	51.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.30%		
Target Compounds						
8) Chloroethane	1.309	64	1737	1.13	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.106	101	1744	0.75	ug/L #	25
39) cis-1,3-Dichloropropene	6.990	75	4737	1.13	ug/L #	72
48) 2-Hexanone	8.148	43	7614	2.82	ug/L #	75
59) 1,2,3-Trichloropropane	11.254	75	21781	6.20	ug/L	91
65) 1,2-Dichlorobenzene	11.649	146	5262	0.90	ug/L #	91
67) 1,3,5-Trichlorobenzene	13.273	180	3968	0.87	ug/L	97
68) 1,2,4-trichlorobenzene	13.273	180	3968	0.96	ug/L	96

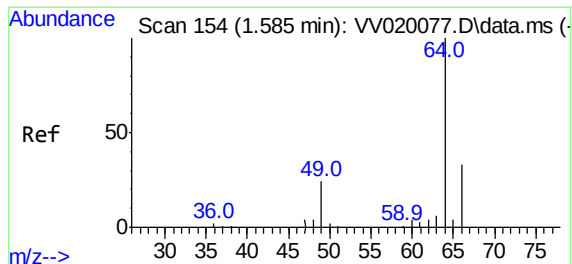
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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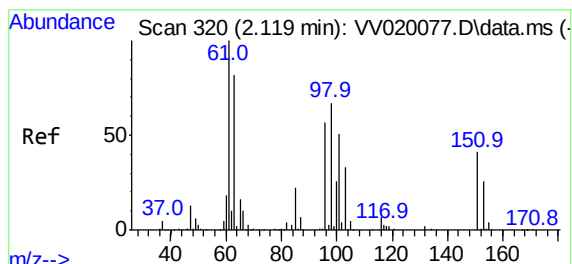
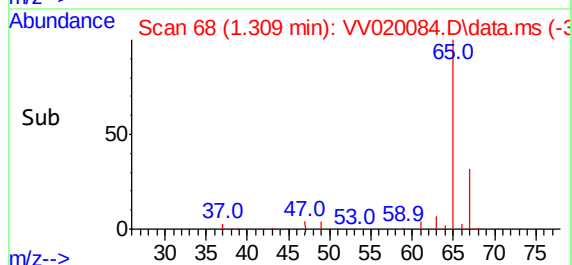
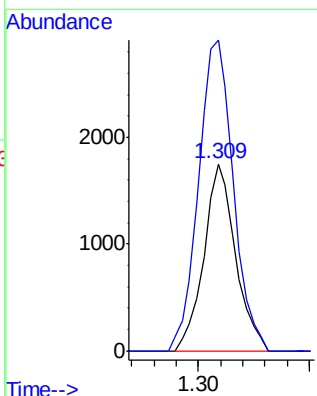
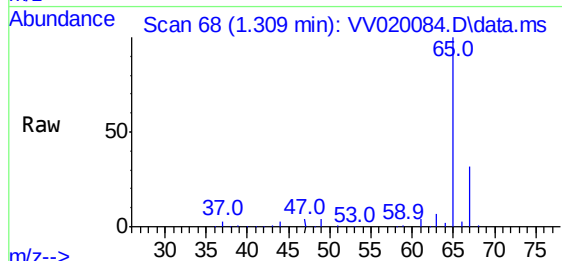




#8
Chloroethane
Concen: 1.13 ug/L
RT: 1.309 min Scan# 68
Delta R.T. -0.276 min
Lab File: VV020084.D
Acq: 20 Jan 2021 18:33

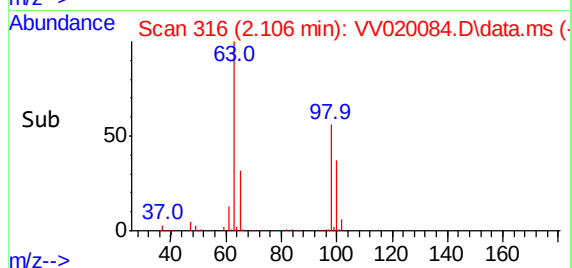
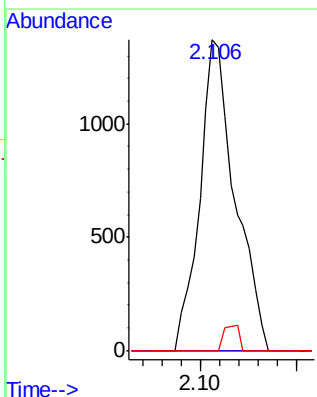
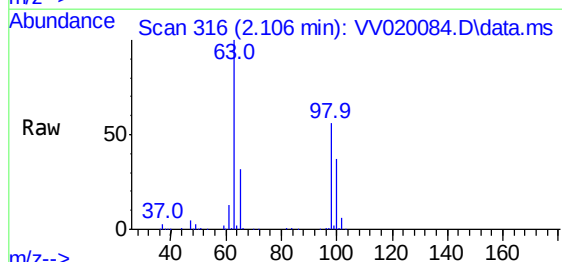
Instrument :
MSVOA_V
ClientSampled :
VIBLK62

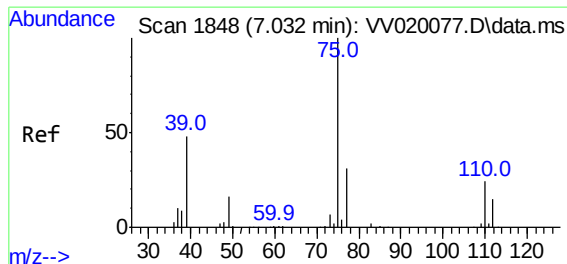
Tgt Ion: 64 Resp: 1737
Ion Ratio Lower Upper
64 100
66 166.1 22.4 41.6#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.75 ug/L
RT: 2.106 min Scan# 316
Delta R.T. -0.013 min
Lab File: VV020084.D
Acq: 20 Jan 2021 18:33

Tgt Ion:101 Resp: 1744
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 3.6 53.6 80.4#

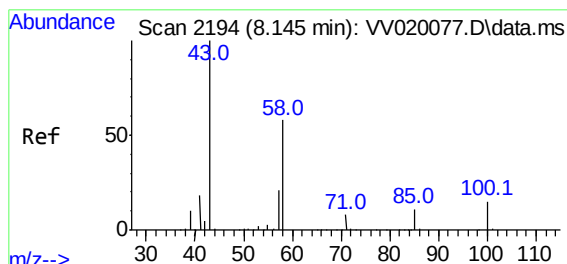
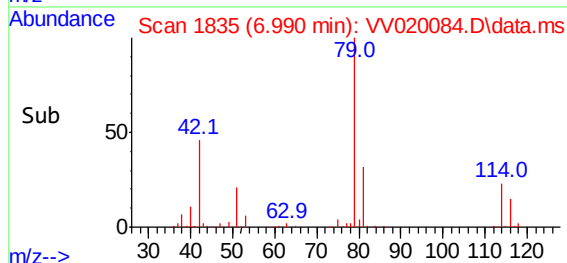
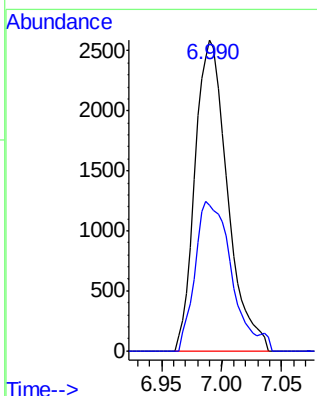
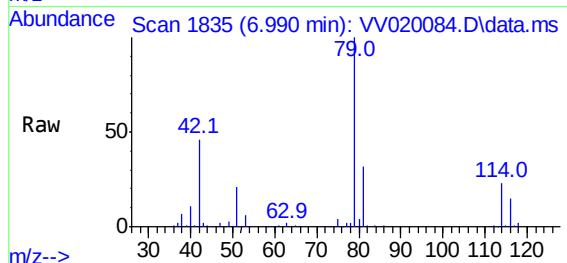




#39
cis-1,3-Dichloropropene
Concen: 1.13 ug/L
RT: 6.990 min Scan# 1835
Delta R.T. -0.042 min
Lab File: VV020084.D
Acq: 20 Jan 2021 18:33

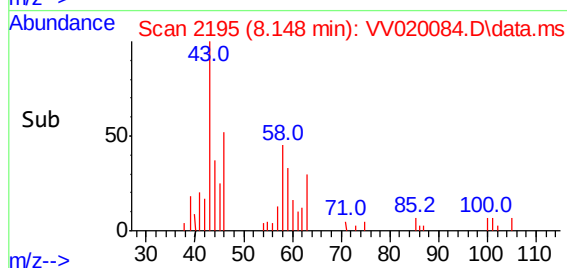
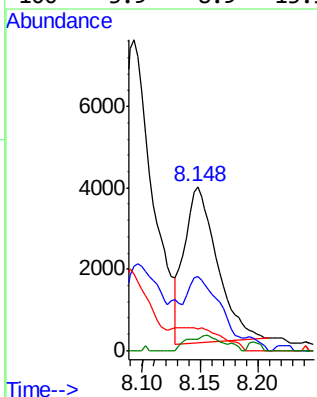
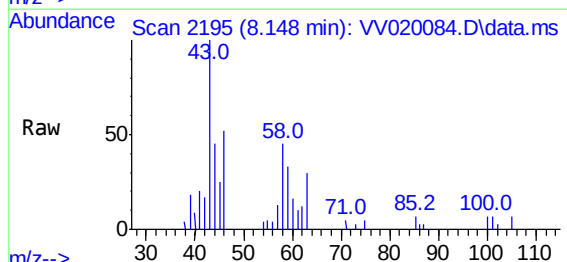
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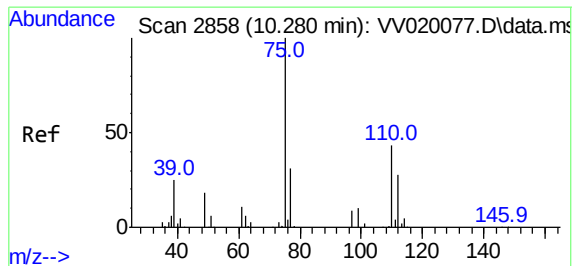
Tgt Ion: 75 Resp: 4737
Ion Ratio Lower Upper
75 100
77 46.8 21.8 40.6#



#48
2-Hexanone
Concen: 2.82 ug/L
RT: 8.148 min Scan# 2195
Delta R.T. 0.003 min
Lab File: VV020084.D
Acq: 20 Jan 2021 18:33

Tgt Ion: 43 Resp: 7614
Ion Ratio Lower Upper
43 100
58 37.5 41.8 62.6#
57 0.0 15.0 22.4#
100 3.9 8.9 13.3#

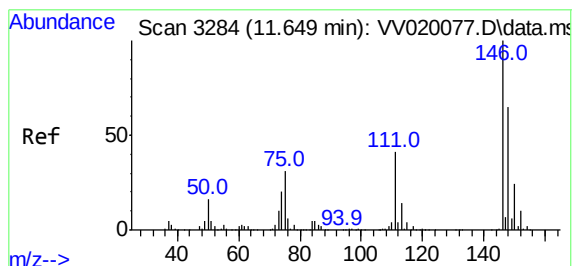
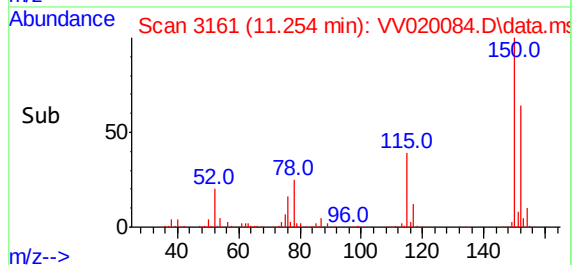
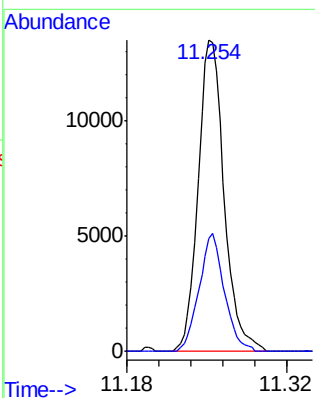
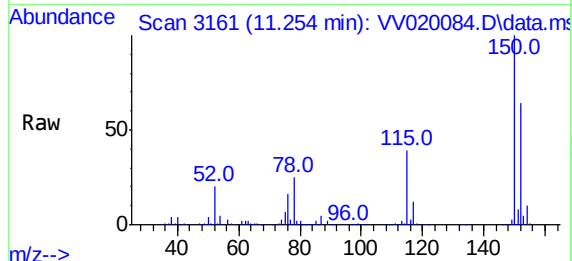




#59
1,2,3-Trichloropropane
Concen: 6.20 ug/L
RT: 11.254 min Scan# 3161
Delta R.T. 0.974 min
Lab File: VV020084.D
Acq: 20 Jan 2021 18:33

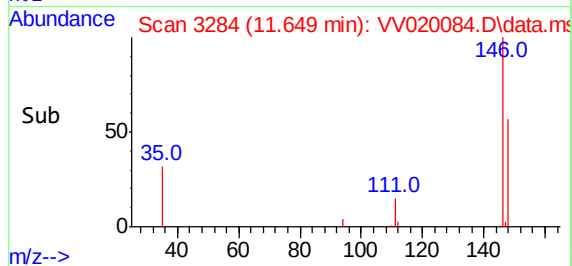
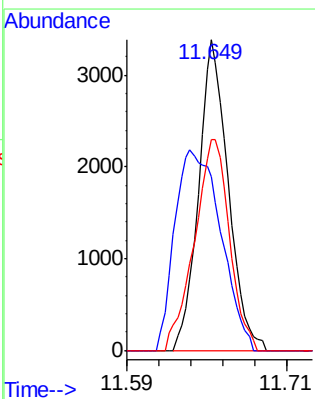
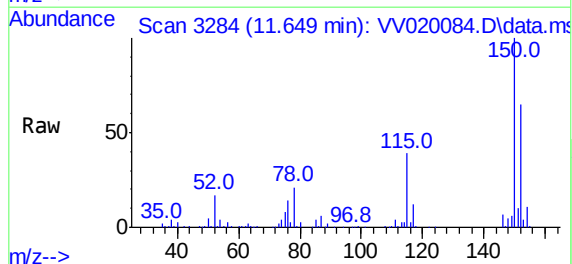
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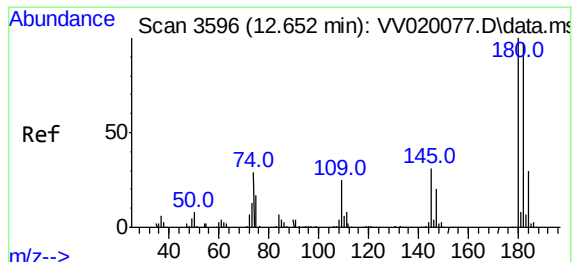
Tgt Ion: 75 Resp: 21781
Ion Ratio Lower Upper
75 100
77 36.5 25.4 38.0



#65
1,2-Dichlorobenzene
Concen: 0.90 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020084.D
Acq: 20 Jan 2021 18:33

Tgt Ion:146 Resp: 5262
Ion Ratio Lower Upper
146 100
111 55.9 36.3 54.5#
148 67.9 51.7 77.5

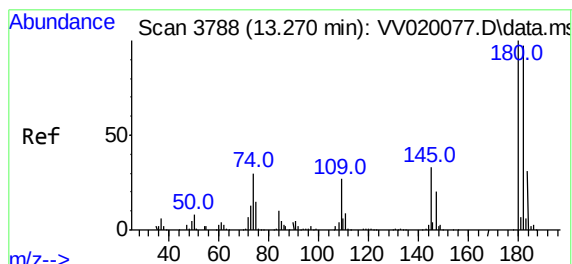
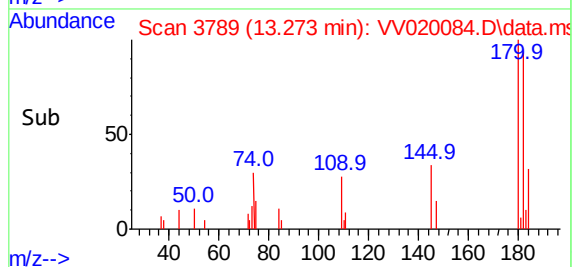
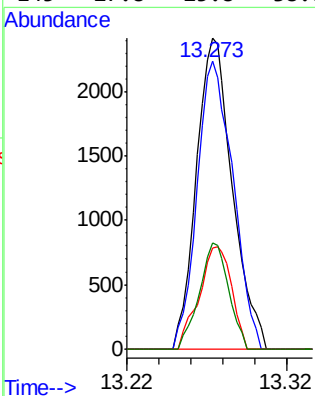
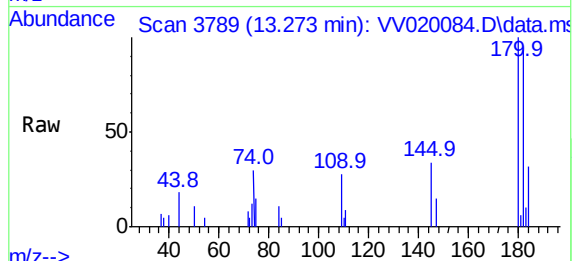




#67
 1,3,5-Trichlorobenzene
 Concen: 0.87 ug/L
 RT: 13.273 min Scan# 3789
 Delta R.T. 0.621 min
 Lab File: VV020084.D
 Acq: 20 Jan 2021 18:33

Instrument :
 MSVOA_V
 ClientSampled :
 VIBLK62

Tgt Ion:	180	Resp:	3968
Ion	Ratio	Lower	Upper
180	100		
182	91.9	75.0	112.6
184	29.4	24.0	36.0
145	27.8	25.8	38.6



#68
 1,2,4-trichlorobenzene
 Concen: 0.96 ug/L
 RT: 13.273 min Scan# 3789
 Delta R.T. 0.003 min
 Lab File: VV020084.D
 Acq: 20 Jan 2021 18:33

Tgt Ion:	180	Resp:	3968
Ion	Ratio	Lower	Upper
180	100		
182	91.9	75.1	112.7
145	27.8	26.8	40.2

