

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081621\
 Data File : VV021784.D
 Acq On : 16 Aug 2021 11:41
 Operator : SY/MD
 Sample : IBLK200
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 17 04:15:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 17 04:08:59 2021
 Response via : Initial Calibration

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

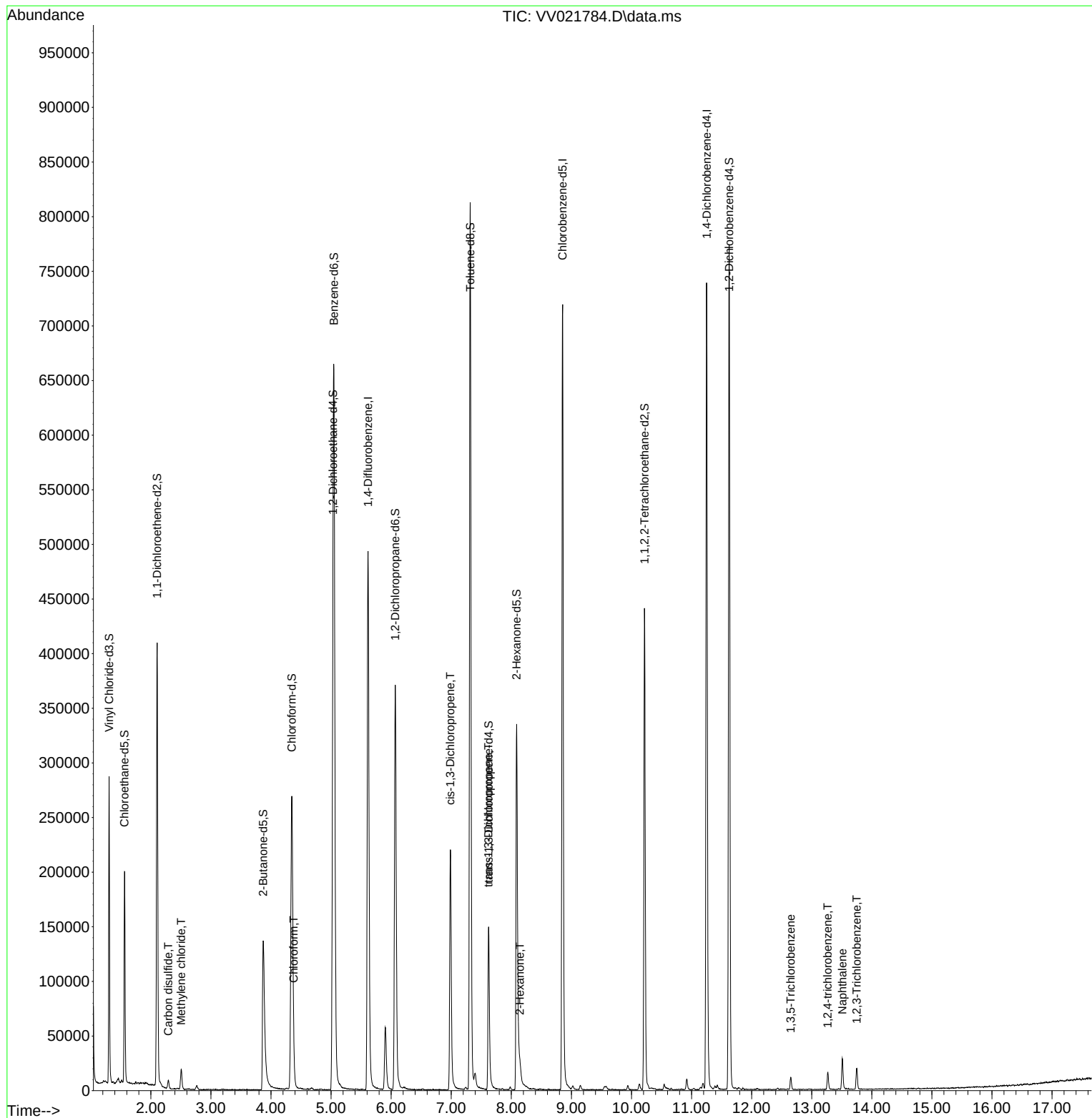
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	451481	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	419604	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	206179	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	169413	47.999	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.000%		
7) Chloroethane-d5	1.561	69	126782	47.600	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.200%		
11) 1,1-Dichloroethene-d2	2.104	63	206235	36.708	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.420%		
21) 2-Butanone-d5	3.870	46	222181	101.215	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.210%		
24) Chloroform-d	4.346	84	283159	46.305	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.620%		
26) 1,2-Dichloroethane-d4	5.030	65	174291	49.550	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.100%		
32) Benzene-d6	5.047	84	602554	49.937	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.880%		
36) 1,2-Dichloropropane-d6	6.069	67	187658	49.941	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.880%		
41) Toluene-d8	7.316	98	548575	49.188	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.380%		
43) trans-1,3-Dichloroprop...	7.622	79	89975	48.654	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.300%		
47) 2-Hexanone-d5	8.088	63	116635	94.706	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.710%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	212263	45.585	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.160%		
66) 1,2-Dichlorobenzene-d4	11.625	152	211997	49.684	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.360%		
Target Compounds						Qvalue
14) Carbon disulfide	2.291	76	8103	0.902	ug/L	97
16) Methylene chloride	2.503	84	7909	2.131	ug/L	96
25) Chloroform	4.378	83	6163	1.027	ug/L	97
39) cis-1,3-Dichloropropene	6.985	75	5173	0.999	ug/L #	71
44) trans-1,3-Dichloropropene	7.619	75	4162	0.853	ug/L	96
48) 2-Hexanone	8.143	43	11611	3.333	ug/L #	86
69) 1,3,5-Trichlorobenzene	12.651	180	3918	0.807	ug/L	96
70) 1,2,4-trichlorobenzene	13.265	180	5357	1.316	ug/L	97
71) Naphthalene	13.509	128	22513	1.904	ug/L	100
72) 1,2,3-Trichlorobenzene	13.750	180	6485	1.586	ug/L	98

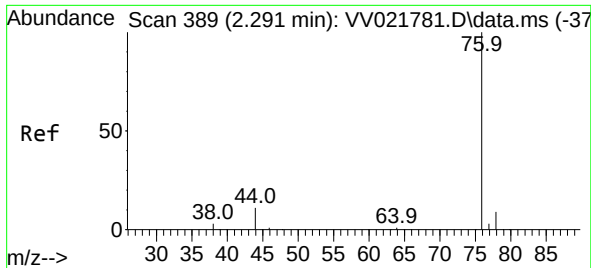
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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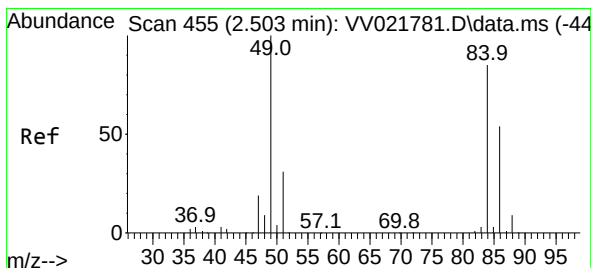
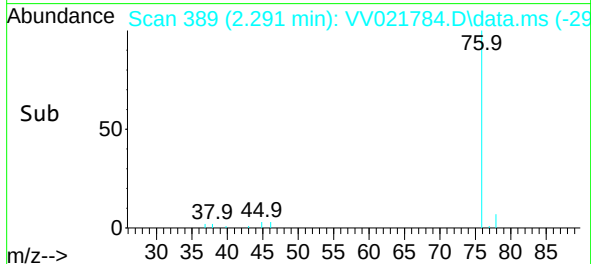
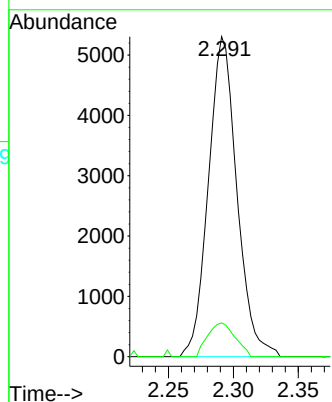
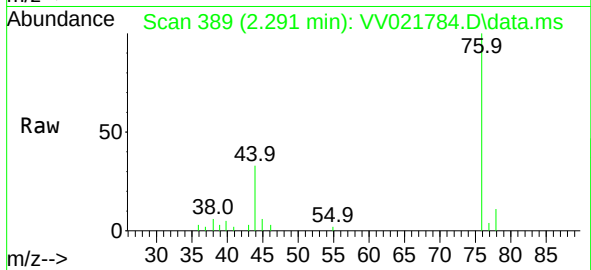




#14
Carbon disulfide
Concen: 0.902 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV021784.D
Acq: 16 Aug 2021 11:41

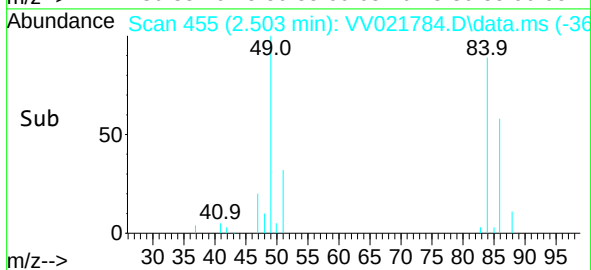
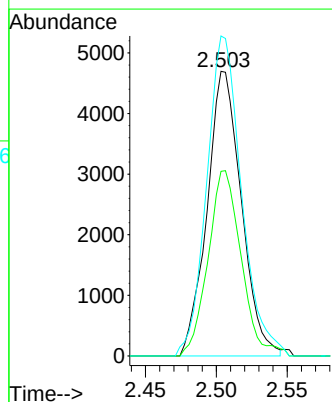
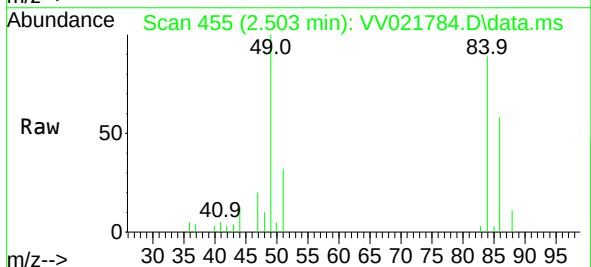
Instrument :
MSVOA_V
ClientSampled :

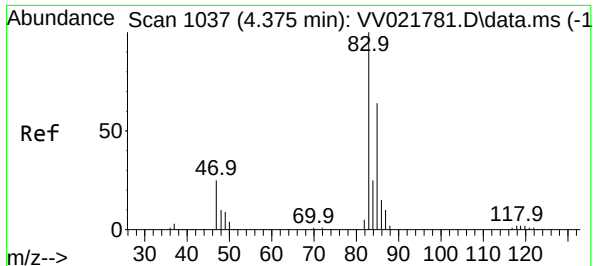
Tgt Ion: 76 Resp: 8103
Ion Ratio Lower Upper
76 100
78 10.6 7.5 11.3



#16
Methylene chloride
Concen: 2.131 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV021784.D
Acq: 16 Aug 2021 11:41

Tgt Ion: 84 Resp: 7909
Ion Ratio Lower Upper
84 100
86 64.9 44.7 83.1
49 112.4 82.5 153.3





#25

Chloroform

Concen: 1.027 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV021784.D

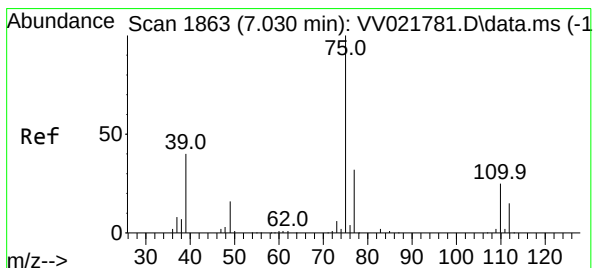
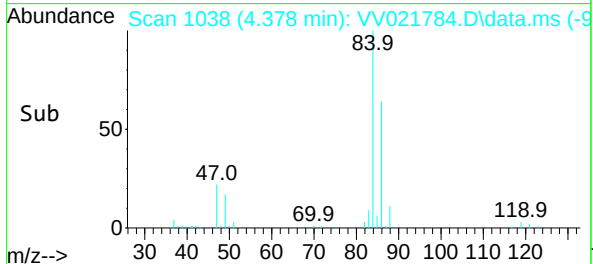
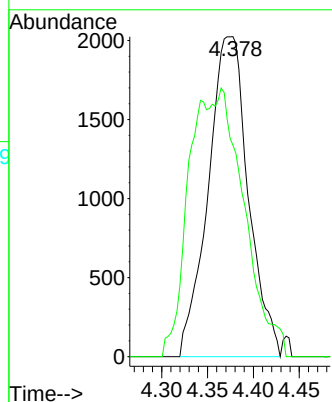
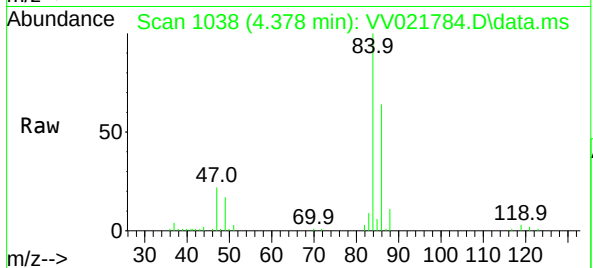
Acq: 16 Aug 2021 11:41

Tgt Ion: 83 Resp: 6163

Ion Ratio Lower Upper

83 100

85 66.1 44.8 83.2



#39

cis-1,3-Dichloropropene

Concen: 0.999 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.045 min

Lab File: VV021784.D

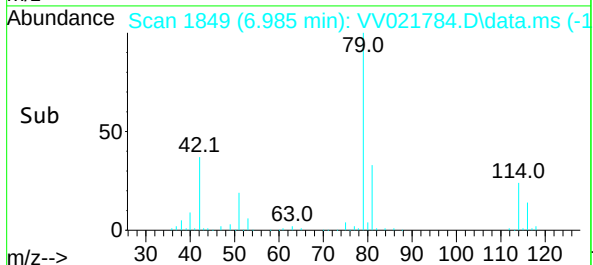
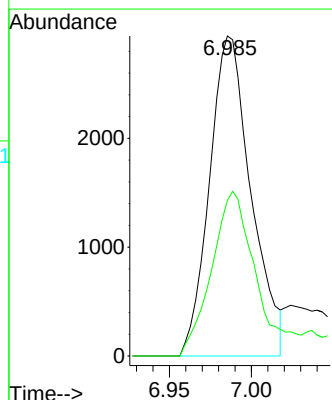
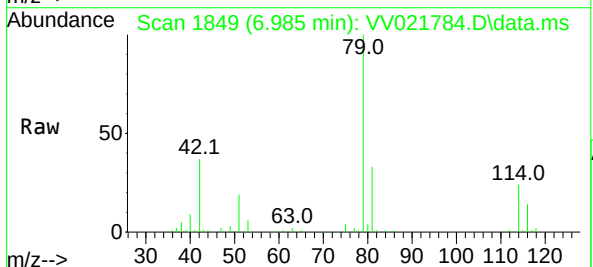
Acq: 16 Aug 2021 11:41

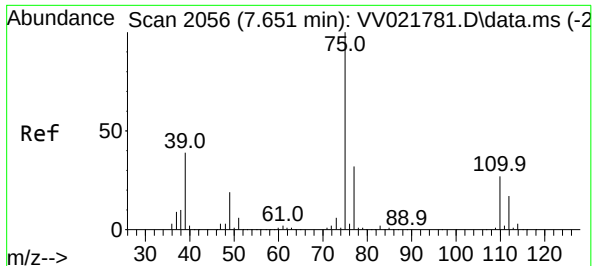
Tgt Ion: 75 Resp: 5173

Ion Ratio Lower Upper

75 100

77 48.6 22.5 41.9#

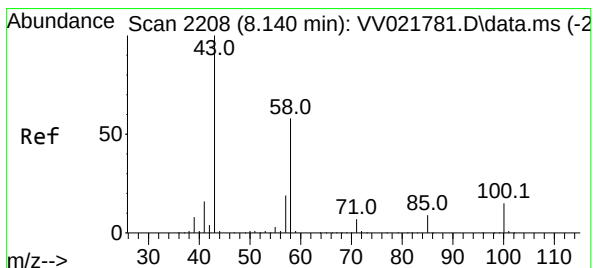
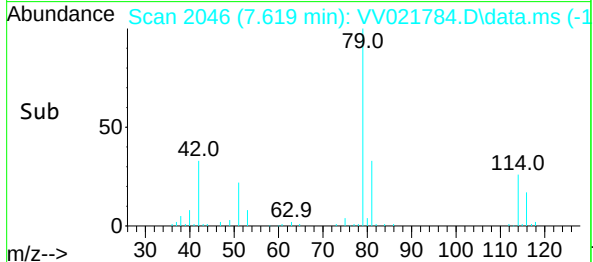
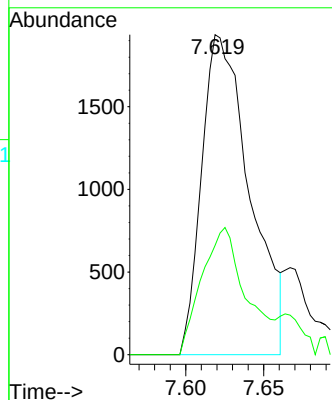
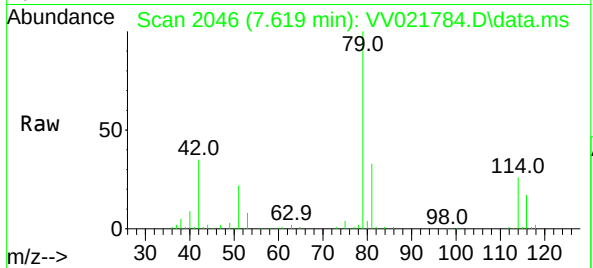




#44
trans-1,3-Dichloropropene
Concen: 0.853 ug/L
RT: 7.619 min Scan# 2046
Delta R.T. -0.032 min
Lab File: VV021784.D
Acq: 16 Aug 2021 11:41

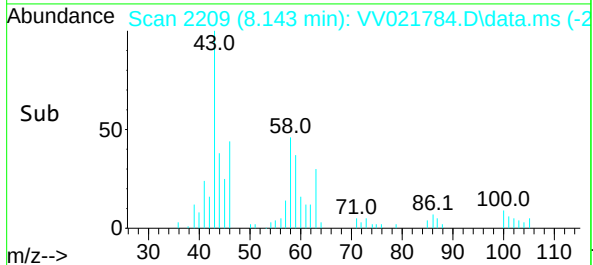
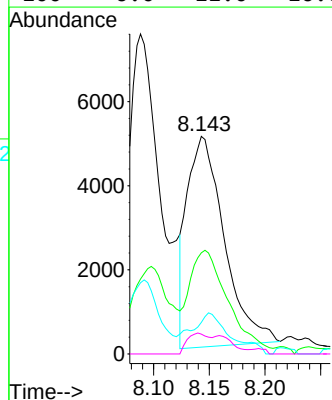
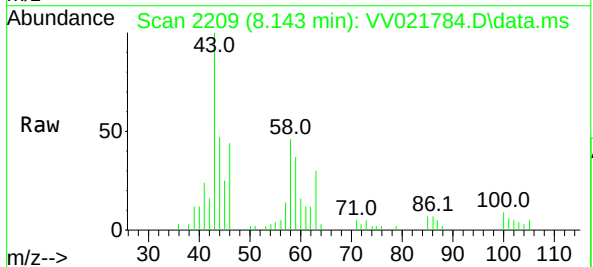
Instrument :
MSVOA_V
ClientSampleId :

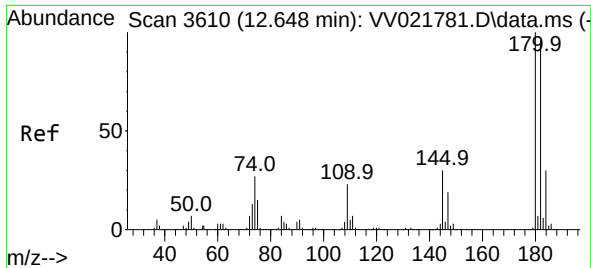
Tgt Ion: 75 Resp: 4162
Ion Ratio Lower Upper
75 100
77 34.1 22.2 41.2



#48
2-Hexanone
Concen: 3.333 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV021784.D
Acq: 16 Aug 2021 11:41

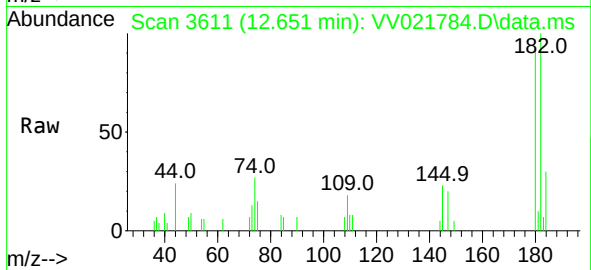
Tgt Ion: 43 Resp: 11611
Ion Ratio Lower Upper
43 100
58 49.2 45.4 68.2
57 9.2 15.3 22.9#
100 6.0 11.0 16.6#



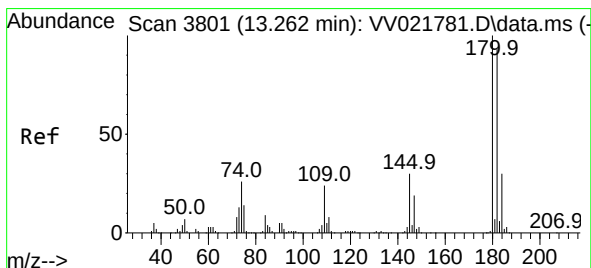
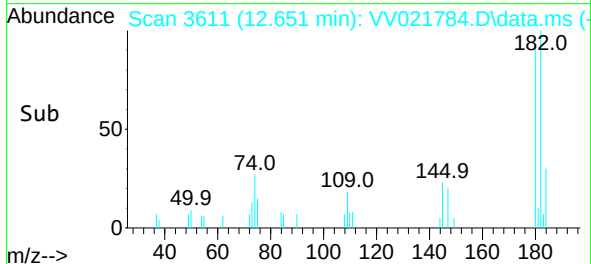
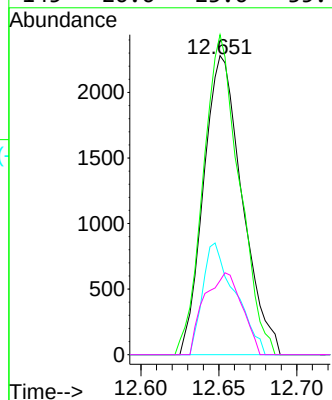


#69
 1,3,5-Trichlorobenzene
 Concen: 0.807 ug/L
 RT: 12.651 min Scan# 3611
 Delta R.T. 0.003 min
 Lab File: VV021784.D
 Acq: 16 Aug 2021 11:41

Instrument :
 MSVOA_V
 ClientSampled :

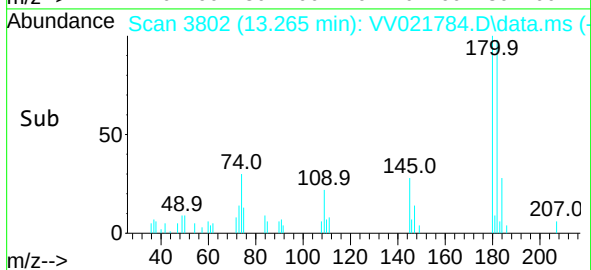
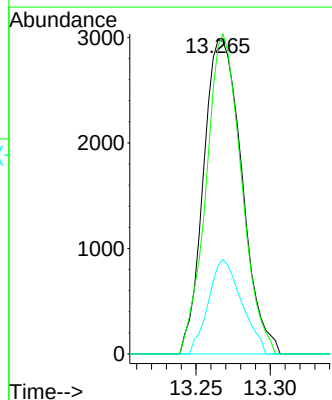
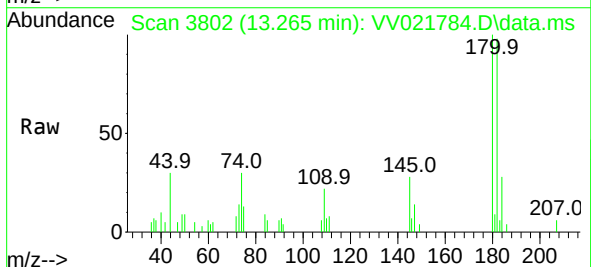


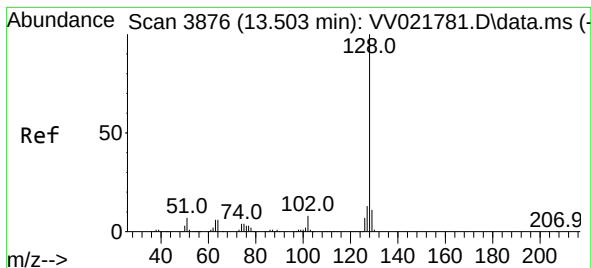
Tgt Ion:180 Resp: 3918
 Ion Ratio Lower Upper
 180 100
 182 100.2 76.8 115.2
 184 31.4 24.1 36.1
 145 26.6 23.6 35.4



#70
 1,2,4-trichlorobenzene
 Concen: 1.316 ug/L
 RT: 13.265 min Scan# 3802
 Delta R.T. 0.003 min
 Lab File: VV021784.D
 Acq: 16 Aug 2021 11:41

Tgt Ion:180 Resp: 5357
 Ion Ratio Lower Upper
 180 100
 182 93.2 75.8 113.6
 145 26.0 23.9 35.9

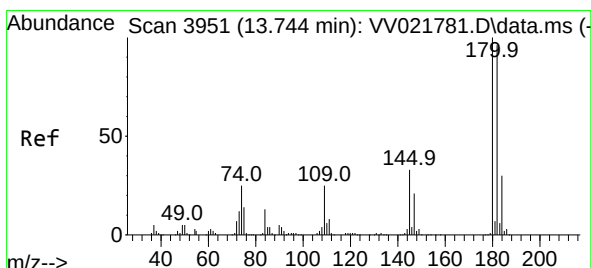
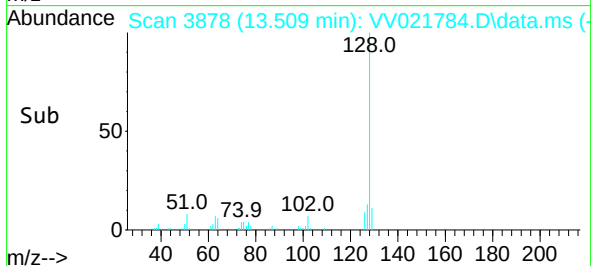
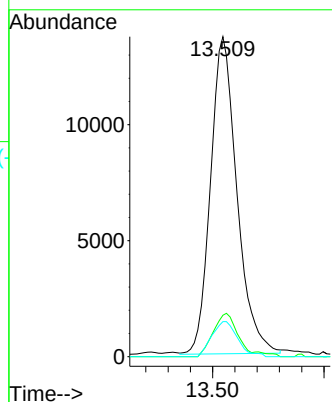
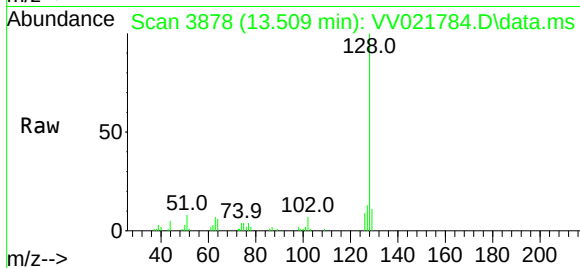




#71
Naphthalene
Concen: 1.904 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV021784.D
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Tgt Ion:	128	Resp:	22513
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.0	15.0
129	10.8	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 1.586 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. 0.006 min
Lab File: VV021784.D
Acq: 16 Aug 2021 11:41

Tgt Ion:	180	Resp:	6485
Ion Ratio	Lower	Upper	
180	100		
182	96.3	76.2	114.2
145	30.1	25.6	38.4

