

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041923\
 Data File : VW030683.D
 Acq On : 19 Apr 2023 22:58
 Operator : SY/MD
 Sample : 02411-02 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 20 06:51:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 02:25:10 2023
 Response via : Initial Calibration

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

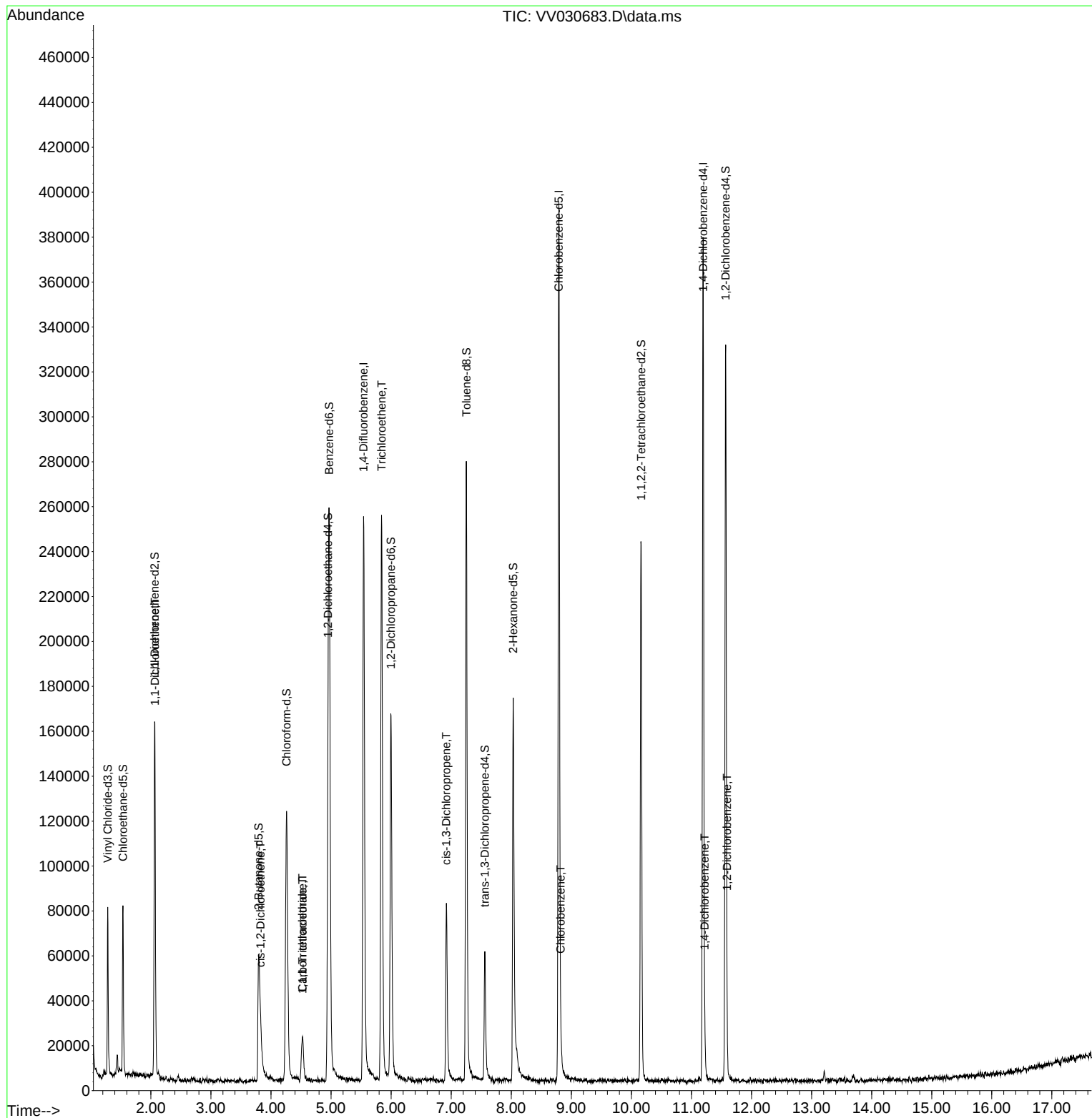
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	212652	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	204674	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	98067	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	49484	31.743	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	63.480%	
7) Chloroethane-d5	1.536	69	45729	35.005	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	70.000%	
11) 1,1-Dichloroethene-d2	2.063	65	26296	35.570	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	71.140%	
21) 2-Butanone-d5	3.796	46	89364	104.368	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	104.370%	
24) Chloroform-d	4.259	84	124545	44.085	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.180%	
26) 1,2-Dichloroethane-d4	4.950	65	85520	47.084	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.160%	
32) Benzene-d6	4.970	84	209512	43.296	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.600%	
36) 1,2-Dichloropropane-d6	5.995	67	69580	46.290	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	92.580%	
41) Toluene-d8	7.252	98	182095	40.079	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	80.160%	
43) trans-1,3-Dichloroprop...	7.561	79	31278	41.285	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	82.560%	
47) 2-Hexanone-d5	8.034	63	56176	94.868	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	94.870%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	106958	49.038	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	98.080%	
66) 1,2-Dichlorobenzene-d4	11.571	152	81470	52.267	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	104.540%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	2434	1.635	ug/L #	1
20) cis-1,2-Dichloroethene	3.825	96	5590	3.419	ug/L	93
30) 1,1,1-Trichloroethane	4.523	97	15702	5.460	ug/L	98
31) Carbon tetrachloride	4.526	117	1992	0.775	ug/L	91
34) Trichloroethene	5.841	95	85337	52.786	ug/L	98
39) cis-1,3-Dichloropropene	6.918	75	2888	1.150	ug/L #	62
51) Chlorobenzene	8.821	112	5244	1.189	ug/L	95
65) 1,4-Dichlorobenzene	11.220	146	4251	1.317	ug/L	97
67) 1,2-Dichlorobenzene	11.590	146	3223	1.043	ug/L #	88

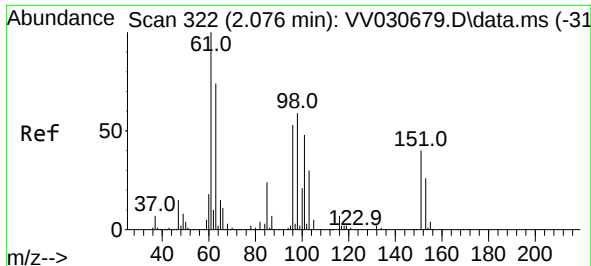
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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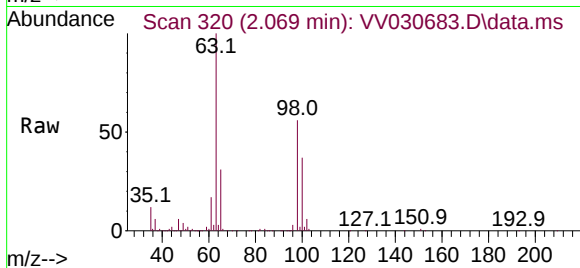
Quant Time: Apr 20 06:51:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
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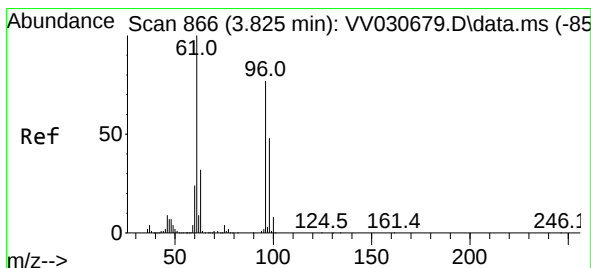
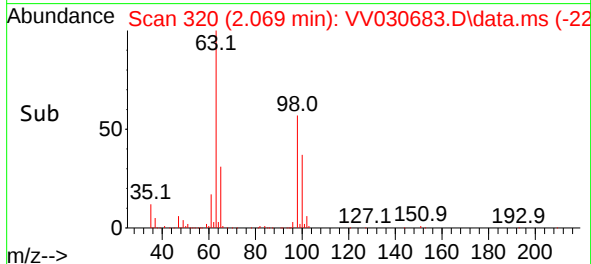
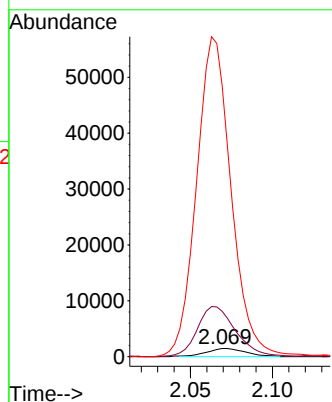


#12
1,1-Dichloroethene
Concen: 1.635 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV030683.D
Acq: 19 Apr 2023 22:58

Instrument :
MSVOA_V
ClientSampleId :

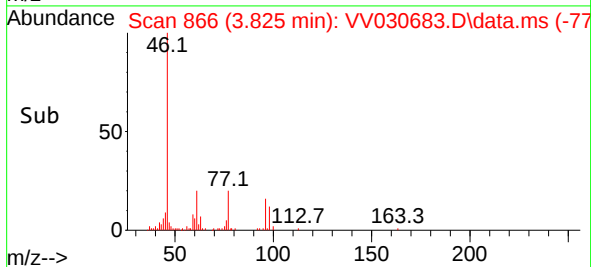
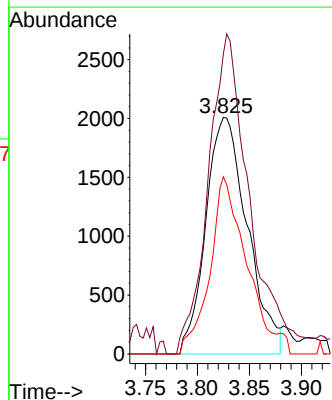
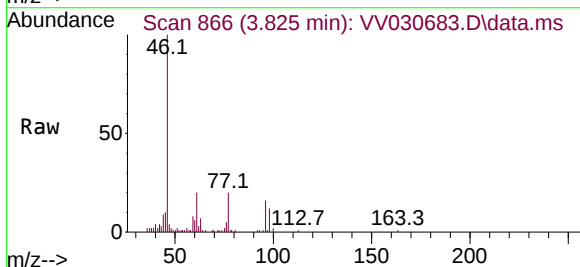


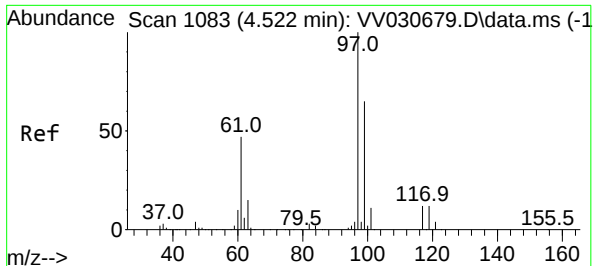
Tgt Ion: 96 Resp: 2434
Ion Ratio Lower Upper
96 100
61 554.7 131.9 245.0#
63 3318.0 99.8 185.3#



#20
cis-1,2-Dichloroethene
Concen: 3.419 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.000 min
Lab File: VV030683.D
Acq: 19 Apr 2023 22:58

Tgt Ion: 96 Resp: 5590
Ion Ratio Lower Upper
96 100
61 127.0 92.3 171.3
98 74.9 45.9 85.3





#30

1,1,1-Trichloroethane

Concen: 5.460 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. 0.000 min

Lab File: VV030683.D

Acq: 19 Apr 2023 22:58

Instrument :

MSVOA_V

ClientSampleId :

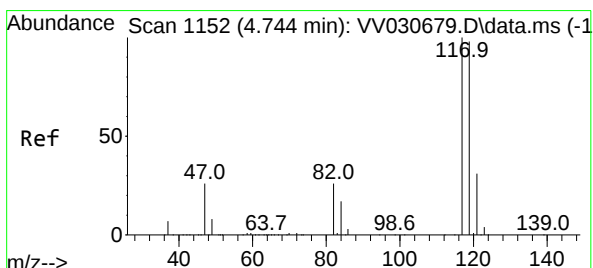
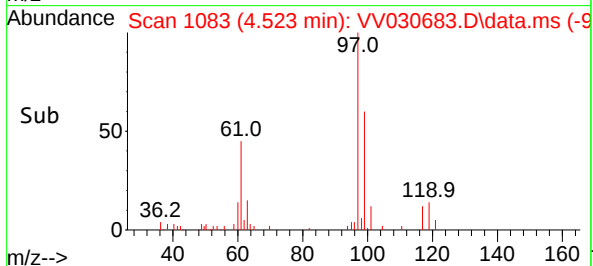
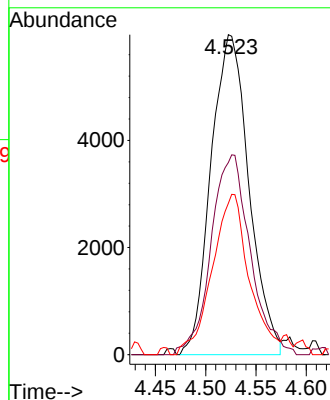
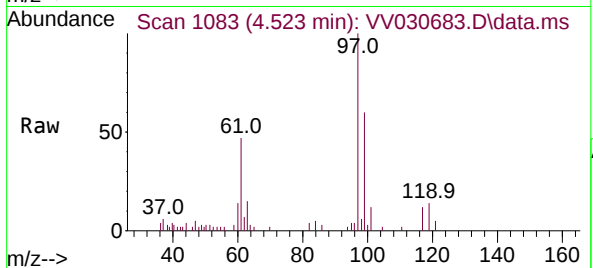
Tgt Ion: 97 Resp: 15702

Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.0

61 48.7 37.0 55.6



#31

Carbon tetrachloride

Concen: 0.775 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. -0.219 min

Lab File: VV030683.D

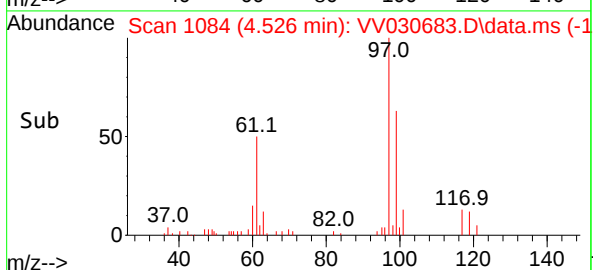
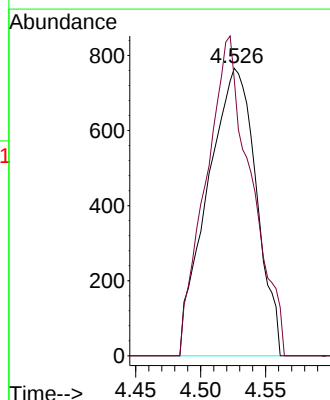
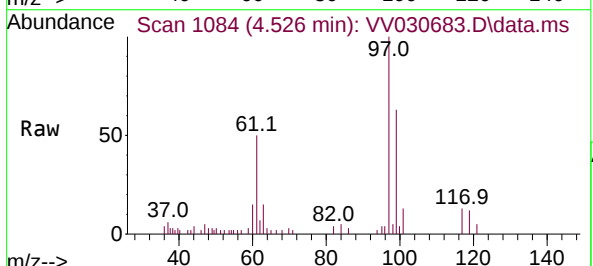
Acq: 19 Apr 2023 22:58

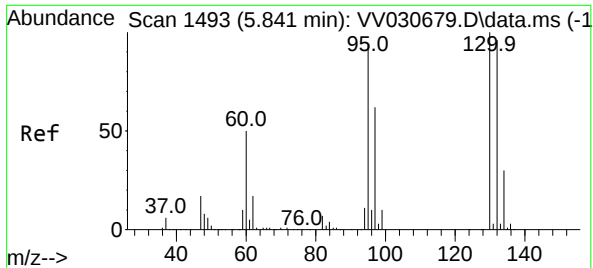
Tgt Ion: 117 Resp: 1992

Ion Ratio Lower Upper

117 100

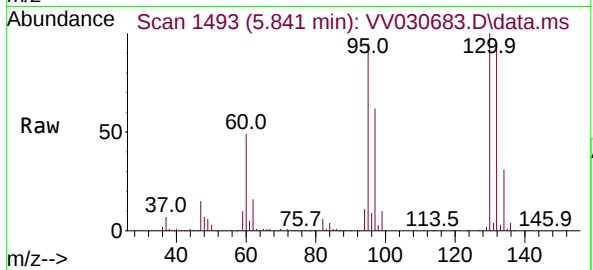
119 103.2 75.9 113.9



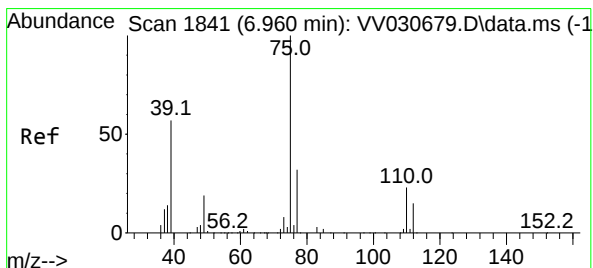
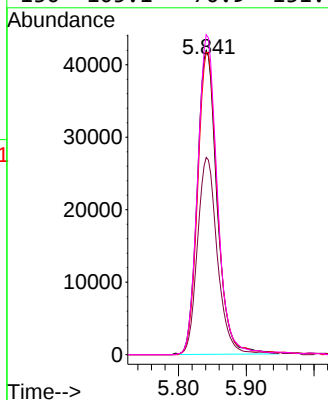
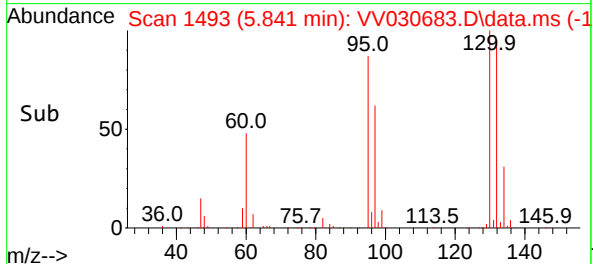


#34
Trichloroethene
Concen: 52.786 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VV030683.D
Acq: 19 Apr 2023 22:58

Instrument :
MSVOA_V
ClientSampleId :

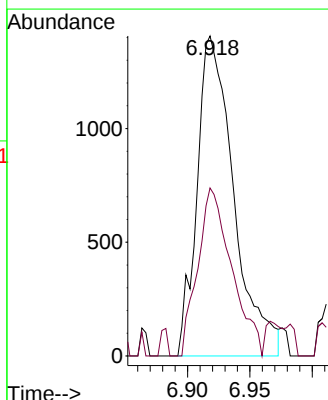
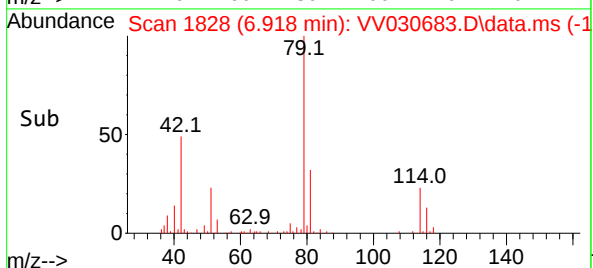
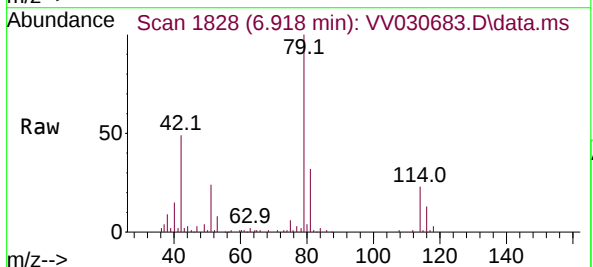


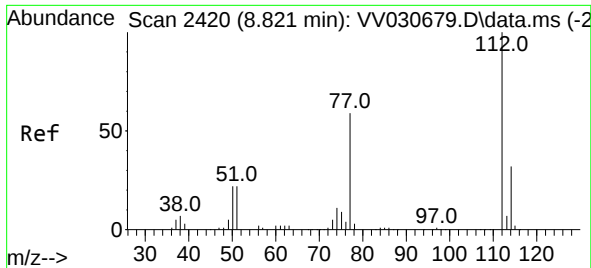
Tgt Ion: 95 Resp: 85337
Ion Ratio Lower Upper
95 100
97 64.8 45.8 85.2
132 99.4 70.6 131.2
130 105.1 70.9 131.7



#39
cis-1,3-Dichloropropene
Concen: 1.150 ug/L
RT: 6.918 min Scan# 1828
Delta R.T. -0.042 min
Lab File: VV030683.D
Acq: 19 Apr 2023 22:58

Tgt Ion: 75 Resp: 2888
Ion Ratio Lower Upper
75 100
77 52.5 22.0 40.8#

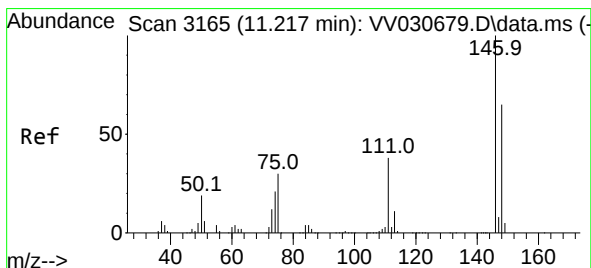
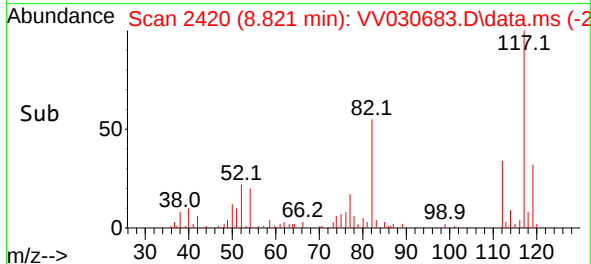
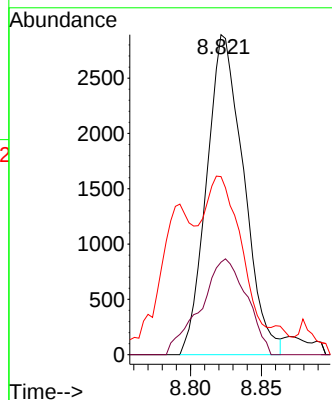
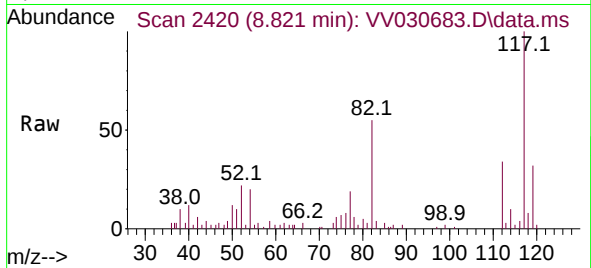




#51
Chlorobenzene
Concen: 1.189 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.000 min
Lab File: VV030683.D
Acq: 19 Apr 2023 22:58

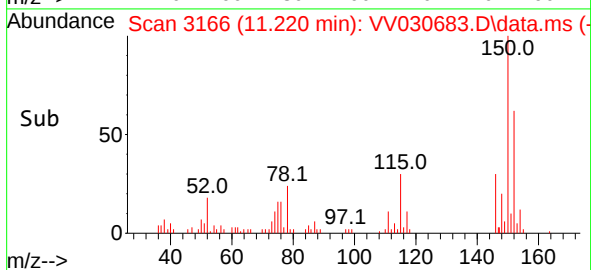
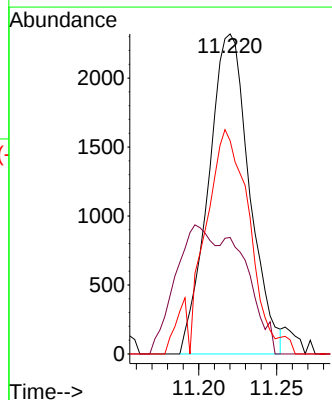
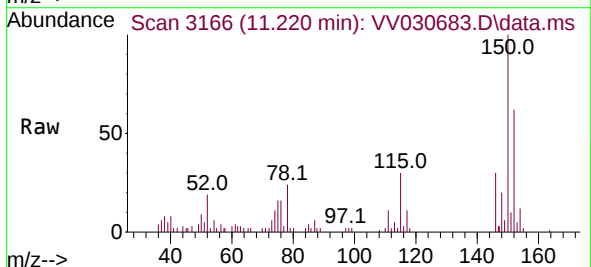
Instrument :
MSVOA_V
ClientSampleId :

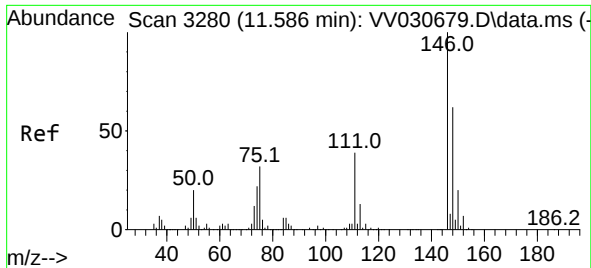
Tgt Ion:112 Resp: 5244
Ion Ratio Lower Upper
112 100
114 28.9 22.4 41.6
77 55.7 47.4 71.0



#65
1,4-Dichlorobenzene
Concen: 1.317 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030683.D
Acq: 19 Apr 2023 22:58

Tgt Ion:146 Resp: 4251
Ion Ratio Lower Upper
146 100
111 36.4 26.5 49.1
148 66.6 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 1.043 ug/L

RT: 11.590 min Scan# 31

Delta R.T. 0.003 min

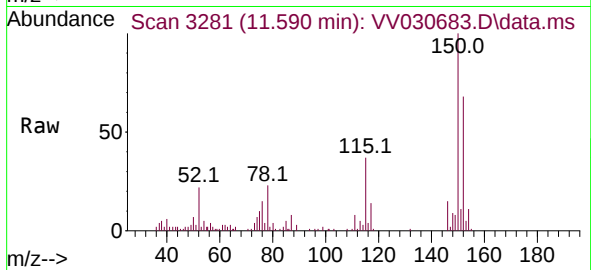
Lab File: VV030683.D

Acq: 19 Apr 2023 22:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:146 Resp: 3223

Ion Ratio Lower Upper

146 100

111 54.8 32.0 48.0#

148 60.3 50.6 76.0

