

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041923\
 Data File : VW030665.D
 Acq On : 19 Apr 2023 15:22
 Operator : SY/MD
 Sample : 02360-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 20 01:29:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 01:26:42 2023
 Response via : Initial Calibration

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

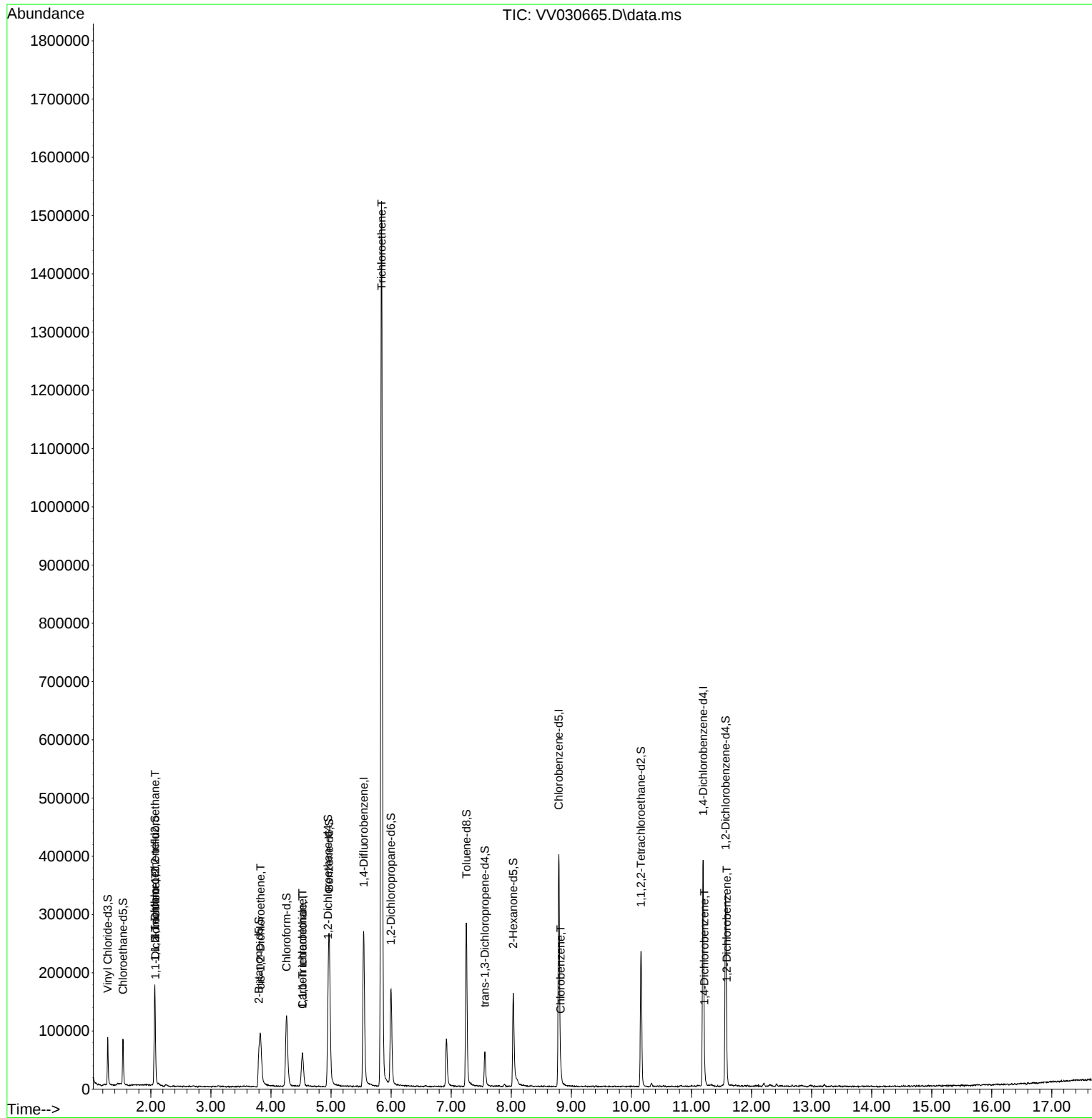
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	223495	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	213132	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	100885	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	50880	31.055	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.100%
7) Chloroethane-d5	1.536	69	46717	34.026	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.060%#
11) 1,1-Dichloroethene-d2	2.066	65	27166	34.964	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.920%
21) 2-Butanone-d5	3.799	46	89223	99.148	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.150%
24) Chloroform-d	4.259	84	125133	42.144	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.280%
26) 1,2-Dichloroethane-d4	4.950	65	86026	45.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.140%
32) Benzene-d6	4.969	84	217651	43.193	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.380%
36) 1,2-Dichloropropane-d6	5.998	67	72567	46.361	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.720%
41) Toluene-d8	7.252	98	186851	39.494	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.980%#
43) trans-1,3-Dichloroprop...	7.561	79	33471	42.426	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.860%
47) 2-Hexanone-d5	8.034	63	56149	91.060	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.060%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	105107	46.277	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.560%
66) 1,2-Dichlorobenzene-d4	11.570	152	82054	51.171	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.340%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	2614	1.510	ug/L #	73
12) 1,1-Dichloroethene	2.076	96	5845	3.735	ug/L #	1
20) cis-1,2-Dichloroethene	3.825	96	36562	21.275	ug/L	99
30) 1,1,1-Trichloroethane	4.523	97	46086	15.389	ug/L	99
31) Carbon tetrachloride	4.523	117	5889	2.199	ug/L	99
34) Trichloroethene	5.841	95	501460	297.873	ug/L	99
51) Chlorobenzene	8.821	112	11490	2.503	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	7360	2.216	ug/L	89
67) 1,2-Dichlorobenzene	11.587	146	5413	1.703	ug/L #	90

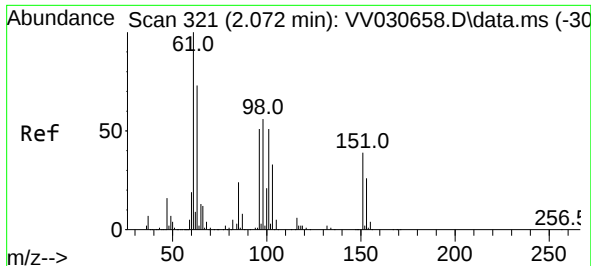
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 20 01:26:42 2023
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.510 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV030665.D

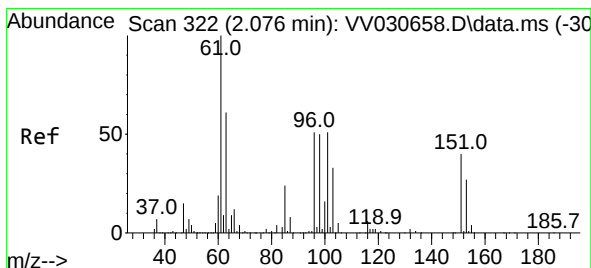
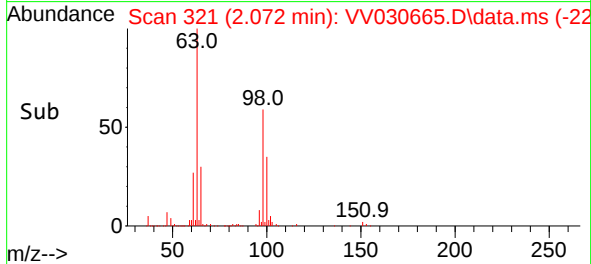
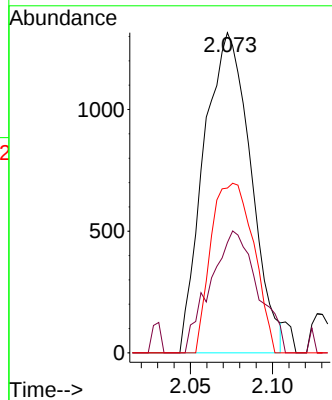
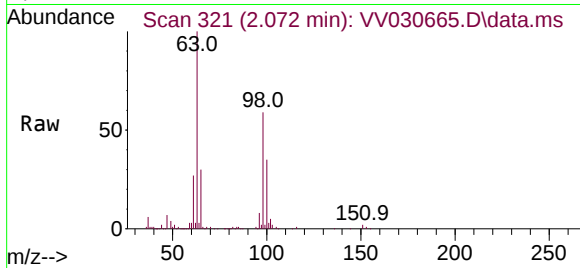
Acq: 19 Apr 2023 15:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	101	Resp:	2614
Ion	Ratio	Lower	Upper
101	100		
85	38.6	37.5	56.3
151	48.2	63.5	95.3#



#12

1,1-Dichloroethene

Concen: 3.735 ug/L

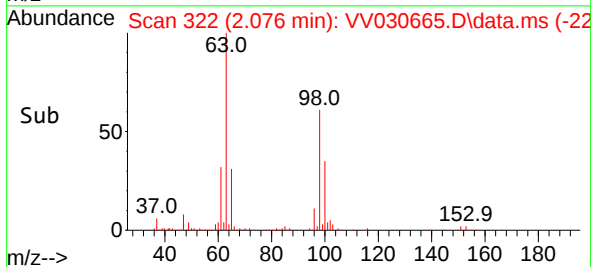
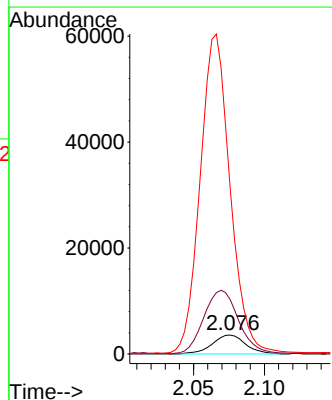
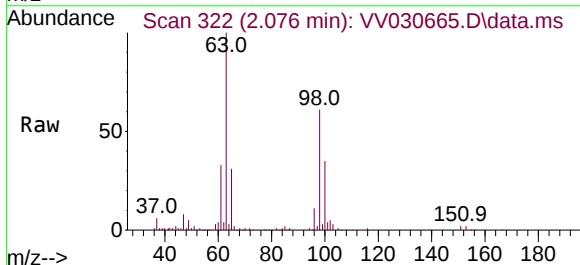
RT: 2.076 min Scan# 322

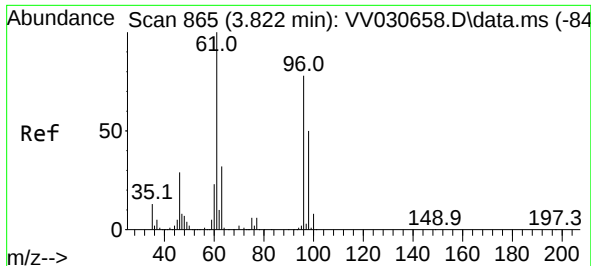
Delta R.T. 0.000 min

Lab File: VV030665.D

Acq: 19 Apr 2023 15:22

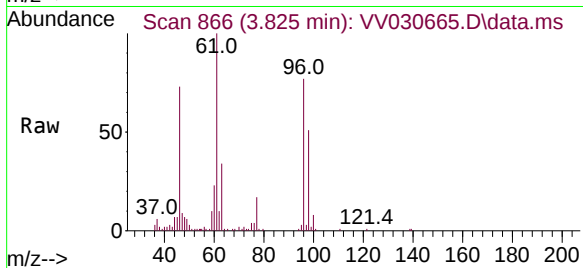
Tgt Ion:	96	Resp:	5845
Ion	Ratio	Lower	Upper
96	100		
61	288.1	131.9	245.0#
63	881.8	99.8	185.3#





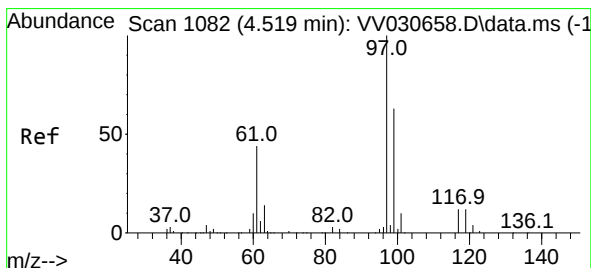
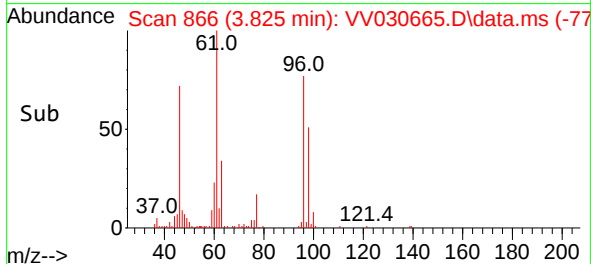
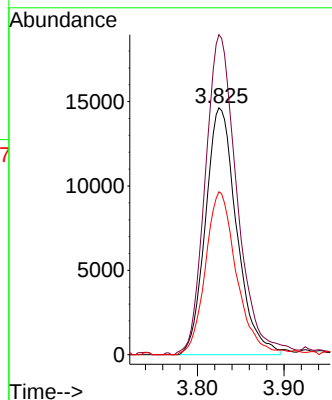
#20
 cis-1,2-Dichloroethene
 Concen: 21.275 ug/L
 RT: 3.825 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV030665.D
 Acq: 19 Apr 2023 15:22

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 36562

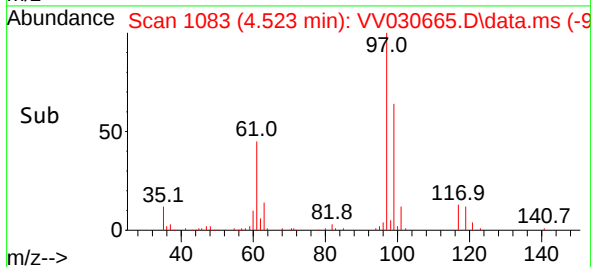
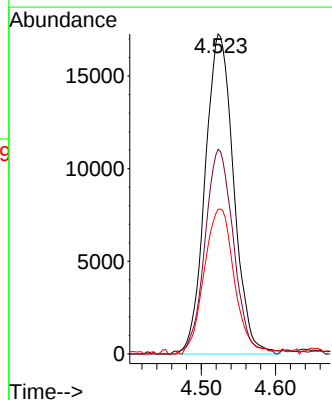
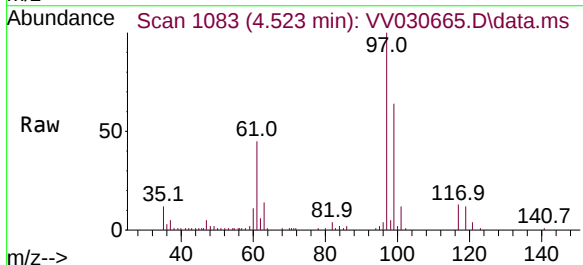
Ion	Ratio	Lower	Upper
96	100		
61	129.6	92.3	171.3
98	66.0	45.9	85.3

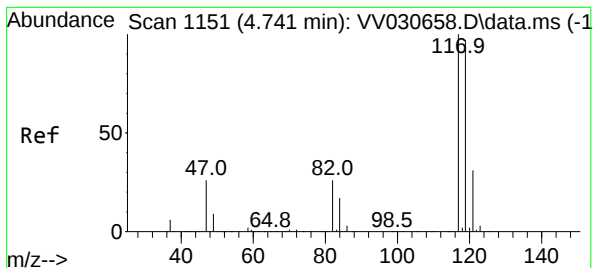


#30
 1,1,1-Trichloroethane
 Concen: 15.389 ug/L
 RT: 4.523 min Scan# 1083
 Delta R.T. 0.003 min
 Lab File: VV030665.D
 Acq: 19 Apr 2023 15:22

Tgt Ion: 97 Resp: 46086

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.4	77.0
61	47.8	37.0	55.6





#31

Carbon tetrachloride

Concen: 2.199 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. -0.219 min

Lab File: VV030665.D

Acq: 19 Apr 2023 15:22

Instrument :

MSVOA_V

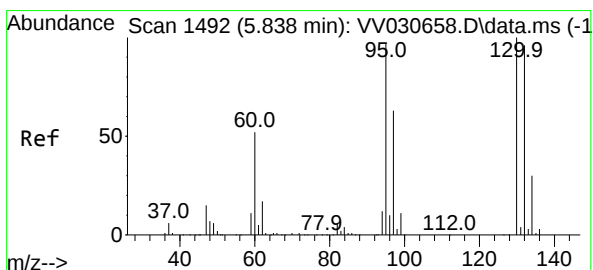
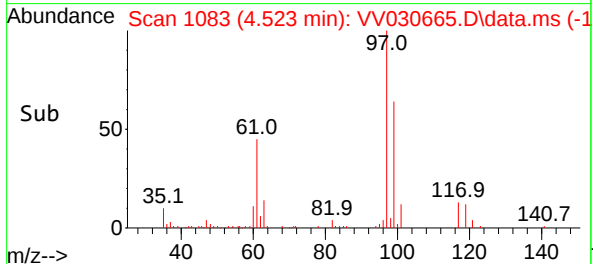
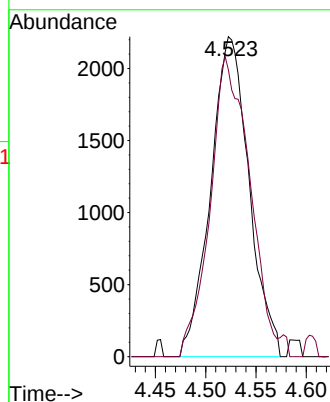
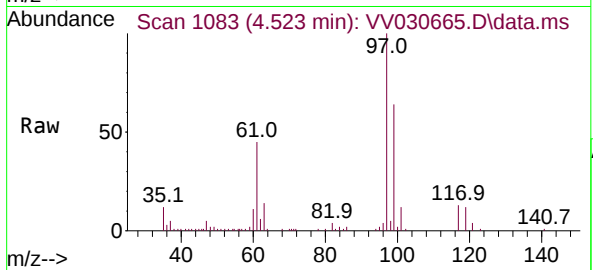
ClientSampleId :

Tgt Ion:117 Resp: 5889

Ion Ratio Lower Upper

117 100

119 96.2 75.9 113.9



#34

Trichloroethene

Concen: 297.873 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV030665.D

Acq: 19 Apr 2023 15:22

Tgt Ion: 95 Resp: 501460

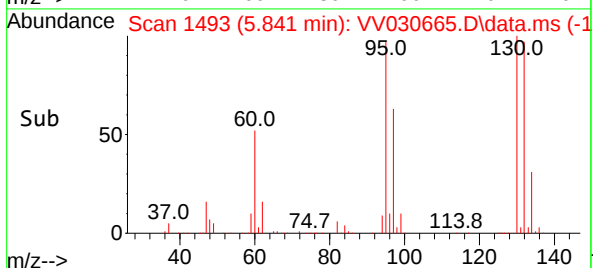
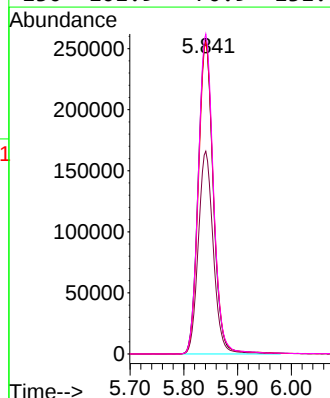
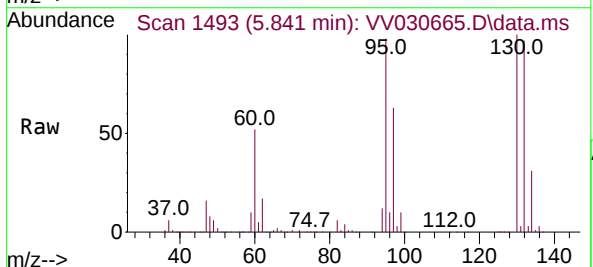
Ion Ratio Lower Upper

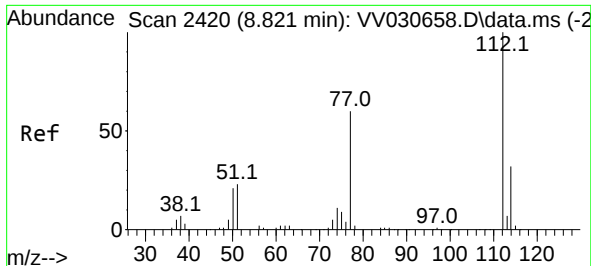
95 100

97 64.6 45.8 85.2

132 99.4 70.6 131.2

130 101.9 70.9 131.7

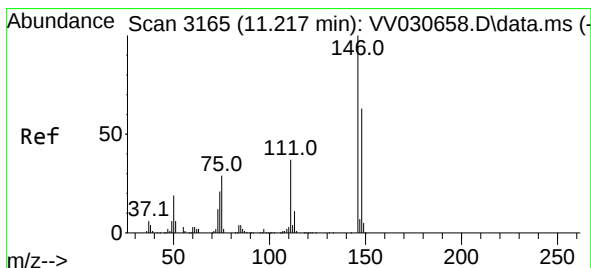
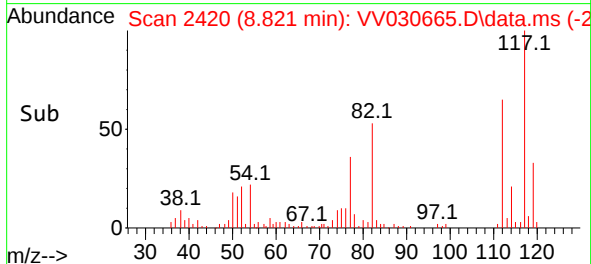
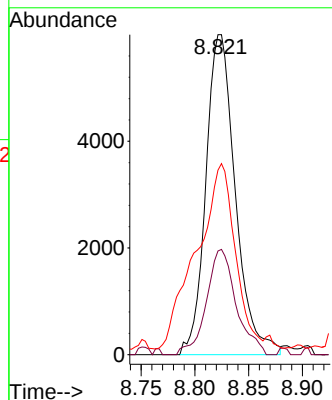
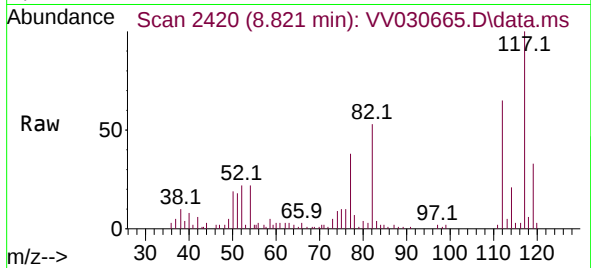




#51
Chlorobenzene
Concen: 2.503 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.000 min
Lab File: VV030665.D
Acq: 19 Apr 2023 15:22

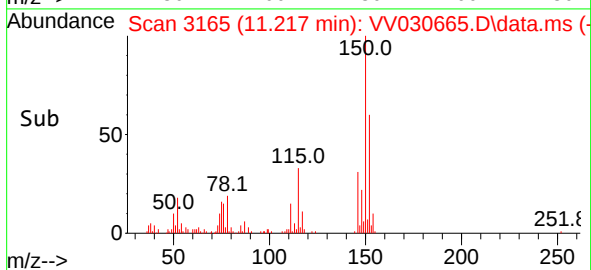
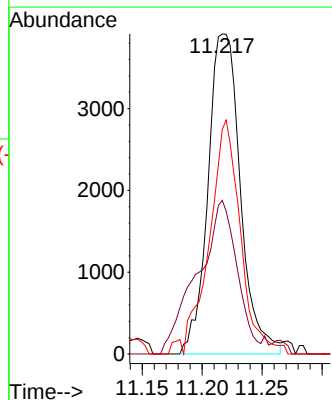
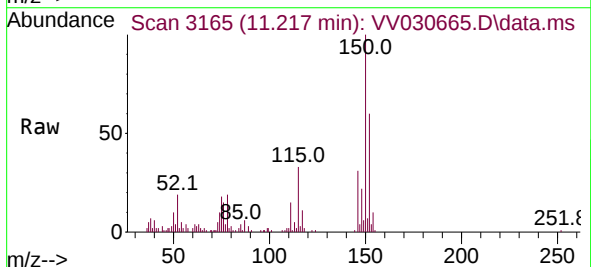
Instrument :
MSVOA_V
ClientSampleId :

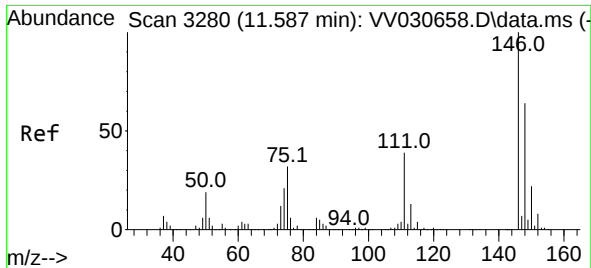
Tgt Ion:112 Resp: 11490
Ion Ratio Lower Upper
112 100
114 32.4 22.4 41.6
77 57.7 47.4 71.0



#65
1,4-Dichlorobenzene
Concen: 2.216 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV030665.D
Acq: 19 Apr 2023 15:22

Tgt Ion:146 Resp: 7360
Ion Ratio Lower Upper
146 100
111 48.0 26.5 49.1
148 70.2 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 1.703 ug/L

RT: 11.587 min Scan# 31

Delta R.T. 0.000 min

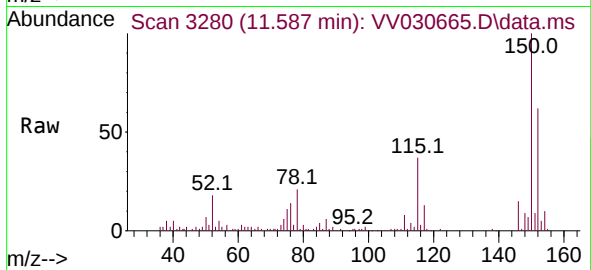
Lab File: VV030665.D

Acq: 19 Apr 2023 15:22

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:146 Resp: 5413

Ion Ratio Lower Upper

146 100

111 52.4 32.0 48.0#

148 60.0 50.6 76.0

