

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041923\
 Data File : VV030661.D
 Acq On : 19 Apr 2023 13:48
 Operator : SY/MD
 Sample : 02360-17 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ0

Quant Time: Apr 20 01:28:10 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)

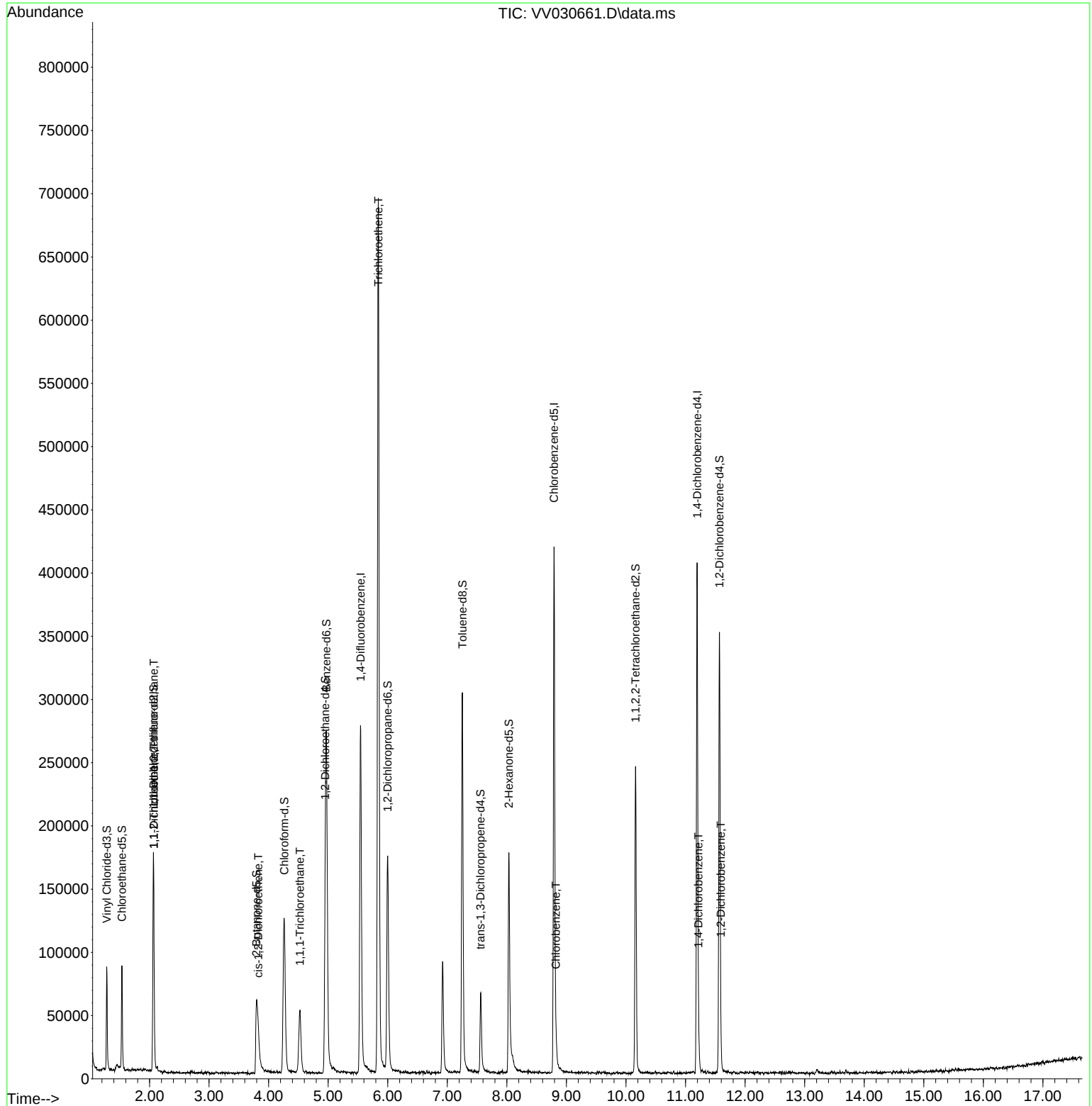
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	227941	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	219222	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	105717	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	53615	32.086	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.180%
7) Chloroethane-d5	1.536	69	48859	34.892	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.780%#
11) 1,1-Dichloroethene-d2	2.066	65	28371	35.802	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.600%
21) 2-Butanone-d5	3.796	46	93991	102.409	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.410%
24) Chloroform-d	4.262	84	129274	42.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.380%
26) 1,2-Dichloroethane-d4	4.950	65	89368	45.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.800%
32) Benzene-d6	4.969	84	228176	44.024	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.040%
36) 1,2-Dichloropropane-d6	5.998	67	76432	47.474	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.940%
41) Toluene-d8	7.252	98	196586	40.397	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.558	79	35347	43.560	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.120%
47) 2-Hexanone-d5	8.034	63	59748	94.205	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.200%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	110487	47.294	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.580%
66) 1,2-Dichlorobenzene-d4	11.570	152	87129	51.852	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.700%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	2086	1.182	ug/L #	59
12) 1,1-Dichloroethene	2.072	96	3664	2.296	ug/L #	1
20) cis-1,2-Dichloroethene	3.825	96	8836	5.041	ug/L	95
30) 1,1,1-Trichloroethane	4.526	97	40312	13.087	ug/L #	86
34) Trichloroethene	5.841	95	231161	133.498	ug/L	99
51) Chlorobenzene	8.821	112	10671	2.260	ug/L	96
65) 1,4-Dichlorobenzene	11.217	146	6327	1.818	ug/L	94
67) 1,2-Dichlorobenzene	11.590	146	5015	1.506	ug/L	98

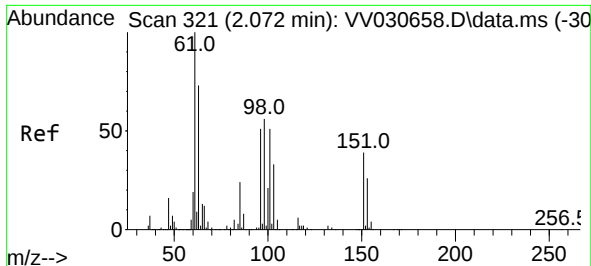
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 20 01:26:42 2023
Response via : Initial Calibration





#10

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

Concen: 1.182 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.000 min

Lab File: VV030661.D

Acq: 19 Apr 2023 13:48

Instrument :

MSVOA_V

ClientSampleId :

C0AQ0

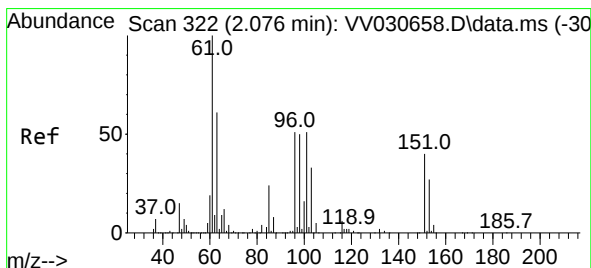
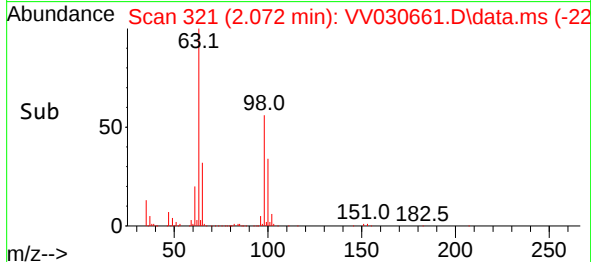
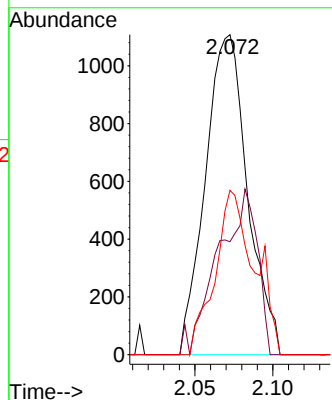
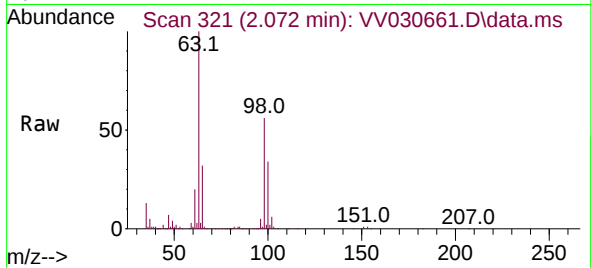
Tgt Ion:101 Resp: 2086

Ion Ratio Lower Upper

101 100

85 20.6 37.5 56.3#

151 42.1 63.5 95.3#



#12

1,1-Dichloroethene

Concen: 2.296 ug/L

RT: 2.072 min Scan# 321

Delta R.T. -0.003 min

Lab File: VV030661.D

Acq: 19 Apr 2023 13:48

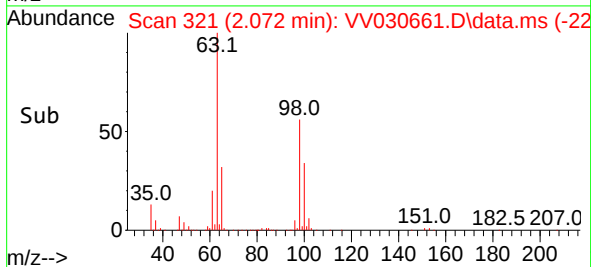
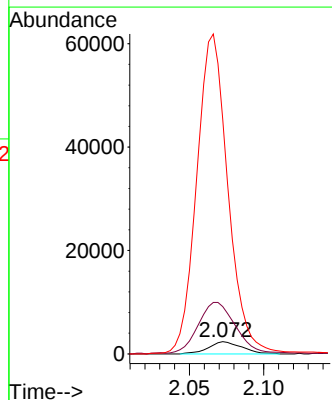
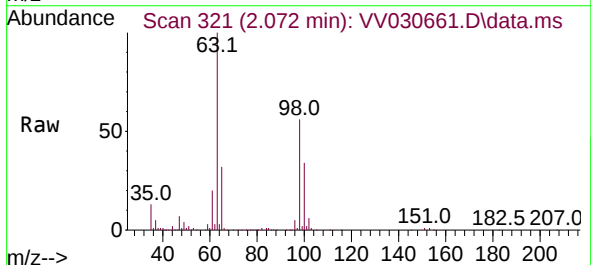
Tgt Ion: 96 Resp: 3664

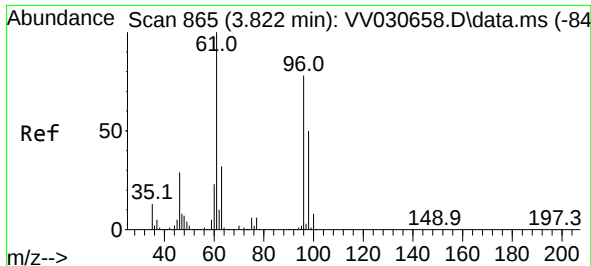
Ion Ratio Lower Upper

96 100

61 388.2 131.9 245.0#

63 1922.3 99.8 185.3#

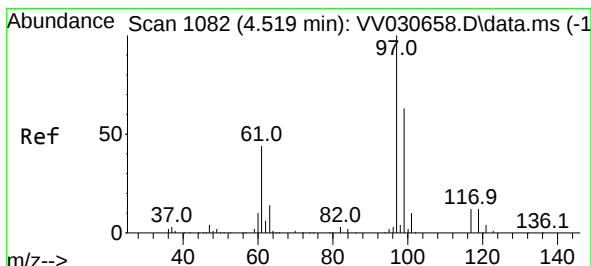
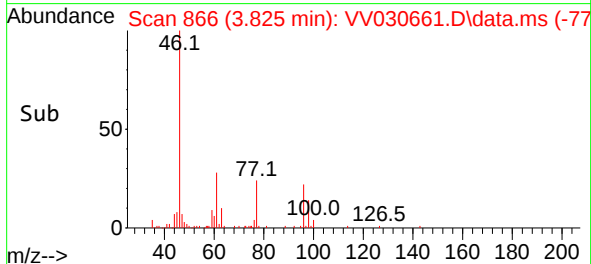
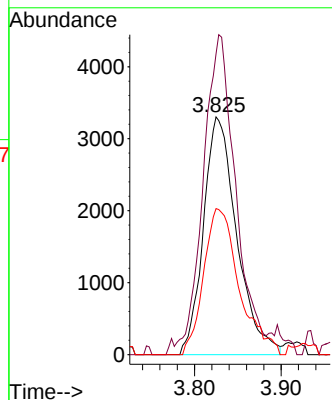
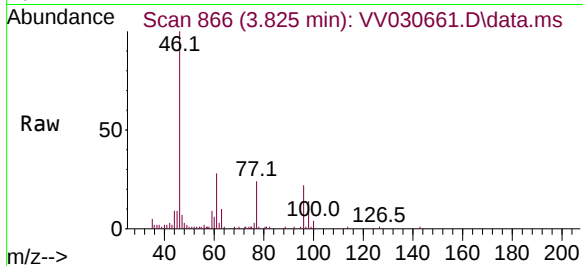




#20
 cis-1,2-Dichloroethene
 Concen: 5.041 ug/L
 RT: 3.825 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV030661.D
 Acq: 19 Apr 2023 13:48

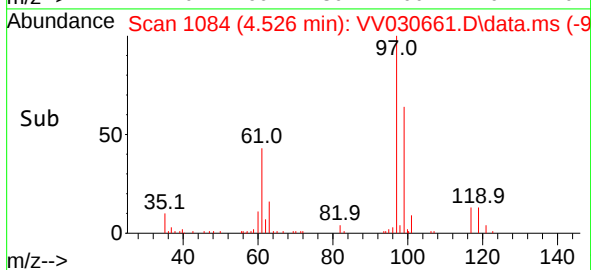
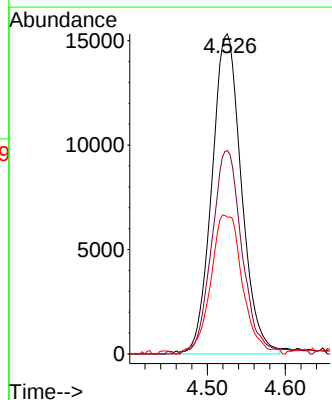
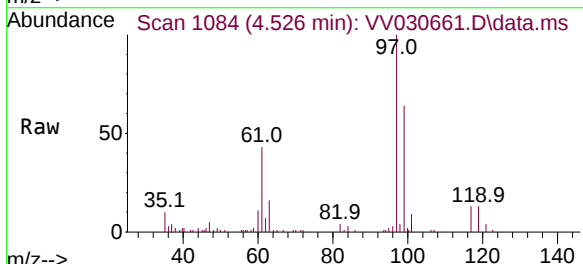
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 MSVOA_V
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 C0AQ0

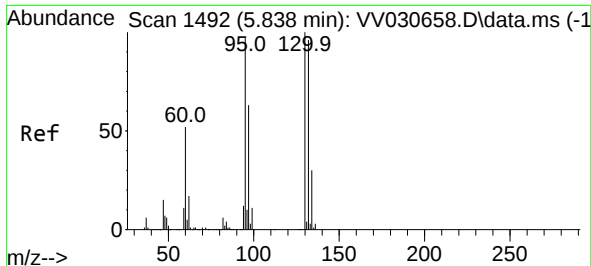
Tgt Ion: 96 Resp: 8836
 Ion Ratio Lower Upper
 96 100
 61 126.6 92.3 171.3
 98 61.4 45.9 85.3



#30
 1,1,1-Trichloroethane
 Concen: 13.087 ug/L
 RT: 4.526 min Scan# 1084
 Delta R.T. 0.006 min
 Lab File: VV030661.D
 Acq: 19 Apr 2023 13:48

Tgt Ion: 97 Resp: 40312
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.4 77.0
 61 25.6 37.0 55.6#





#34

Trichloroethene

Concen: 133.498 ug/L

RT: 5.841 min Scan# 1492

Delta R.T. 0.003 min

Lab File: VV030661.D

Acq: 19 Apr 2023 13:48

Instrument :

MSVOA_V

ClientSampleId :

C0AQ0

Tgt Ion: 95 Resp: 231161

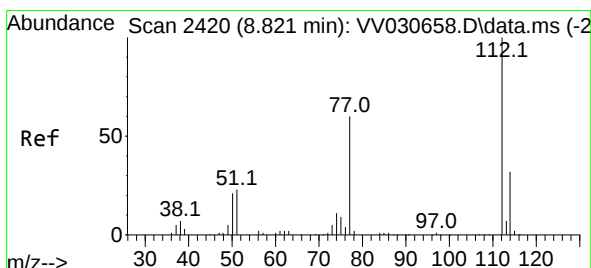
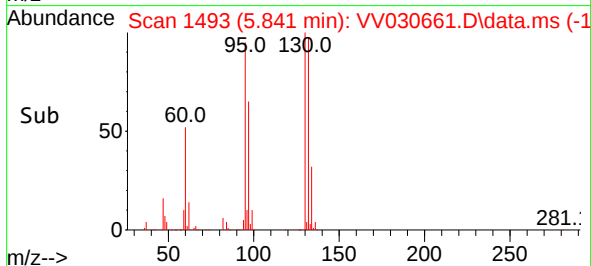
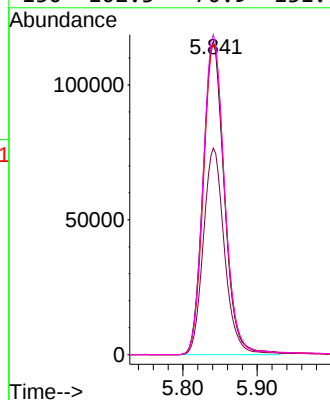
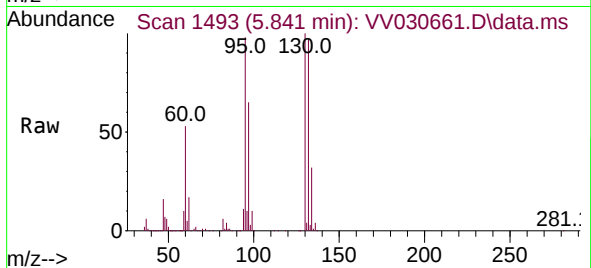
Ion Ratio Lower Upper

95 100

97 66.0 45.8 85.2

132 99.5 70.6 131.2

130 102.3 70.9 131.7



#51

Chlorobenzene

Concen: 2.260 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. 0.000 min

Lab File: VV030661.D

Acq: 19 Apr 2023 13:48

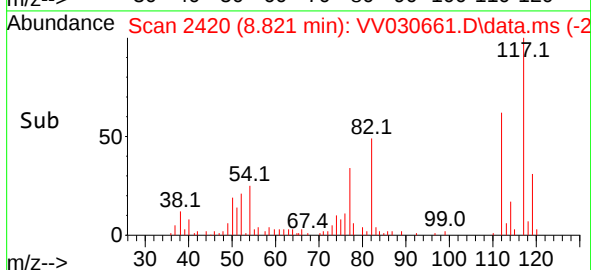
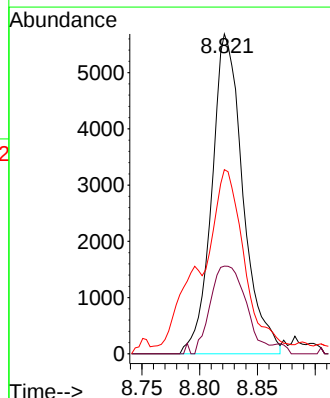
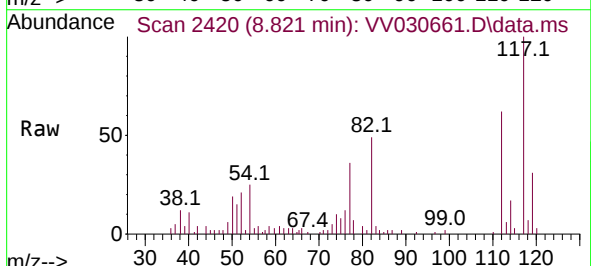
Tgt Ion: 112 Resp: 10671

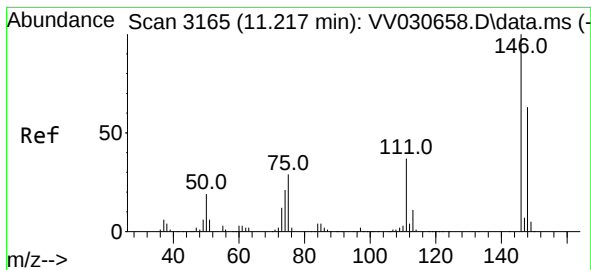
Ion Ratio Lower Upper

112 100

114 27.4 22.4 41.6

77 57.5 47.4 71.0





#65

1,4-Dichlorobenzene

Concen: 1.818 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. 0.000 min

Lab File: VV030661.D

Acq: 19 Apr 2023 13:48

Instrument :

MSVOA_V

ClientSampleId :

C0AQ0

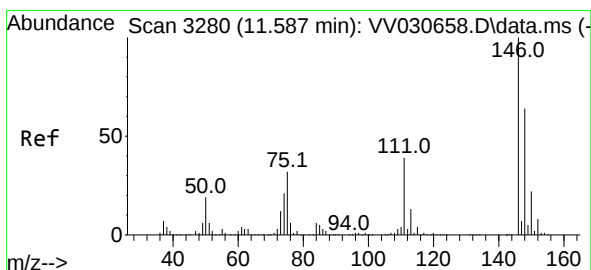
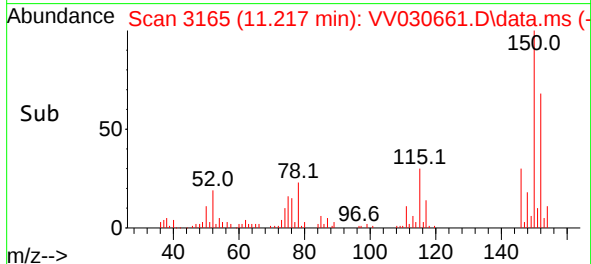
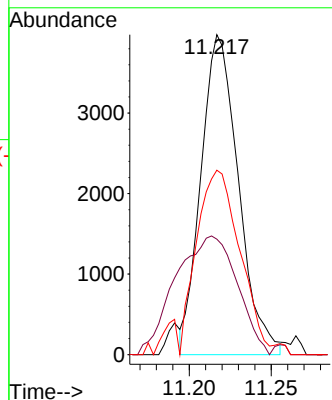
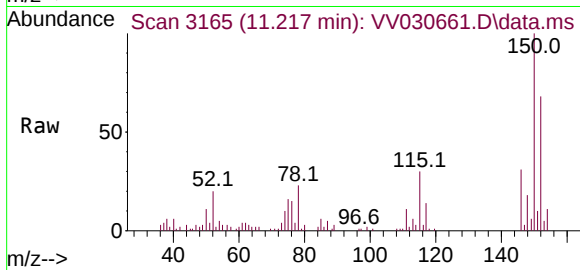
Tgt Ion:146 Resp: 6327

Ion Ratio Lower Upper

146 100

111 36.1 26.5 49.1

148 57.6 44.7 83.1



#67

1,2-Dichlorobenzene

Concen: 1.506 ug/L

RT: 11.590 min Scan# 3281

Delta R.T. 0.003 min

Lab File: VV030661.D

Acq: 19 Apr 2023 13:48

Tgt Ion:146 Resp: 5015

Ion Ratio Lower Upper

146 100

111 39.1 32.0 48.0

148 65.5 50.6 76.0

