Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041923\
Data File : VV030665.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 :
C0AQ1

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
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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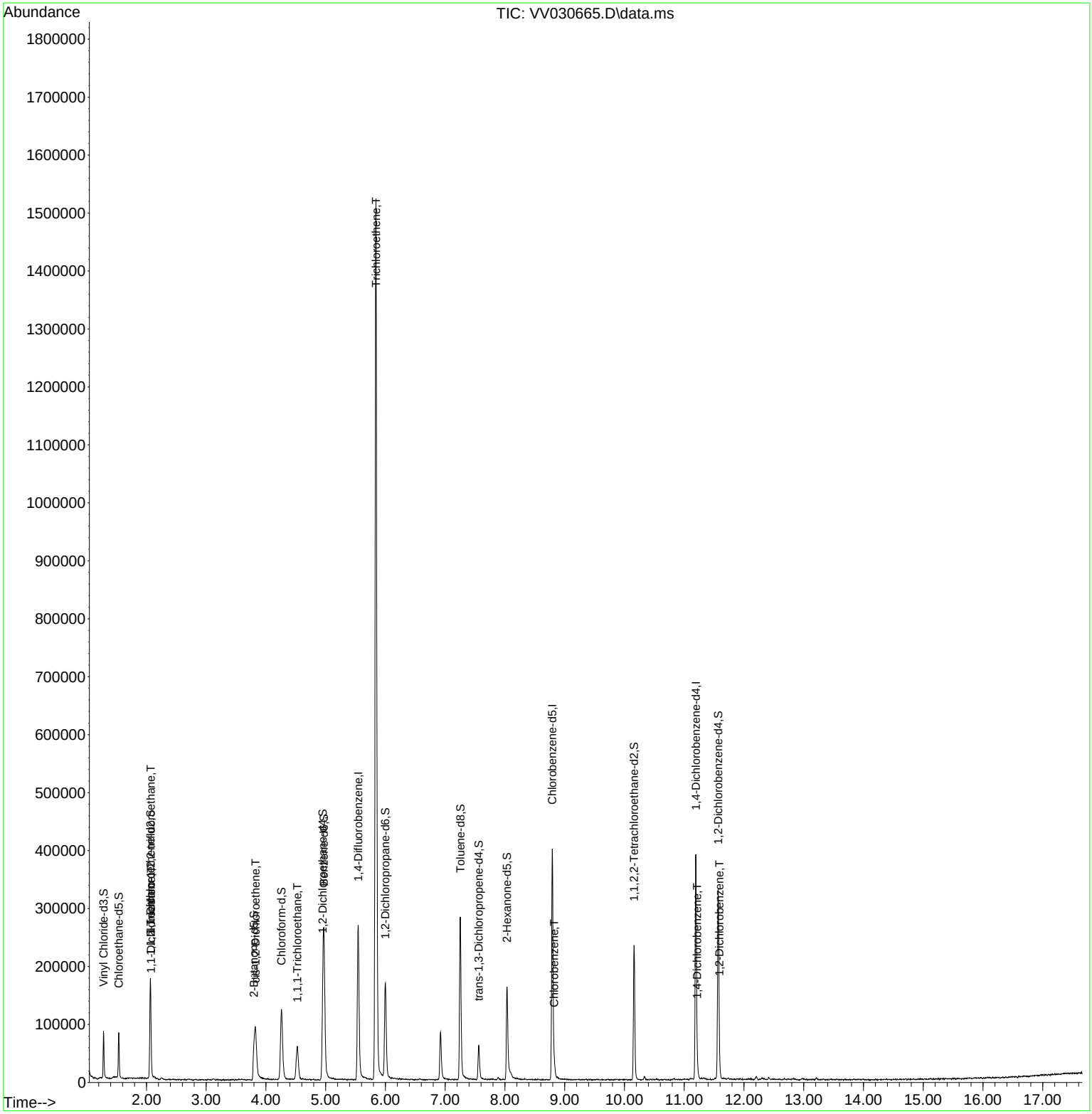
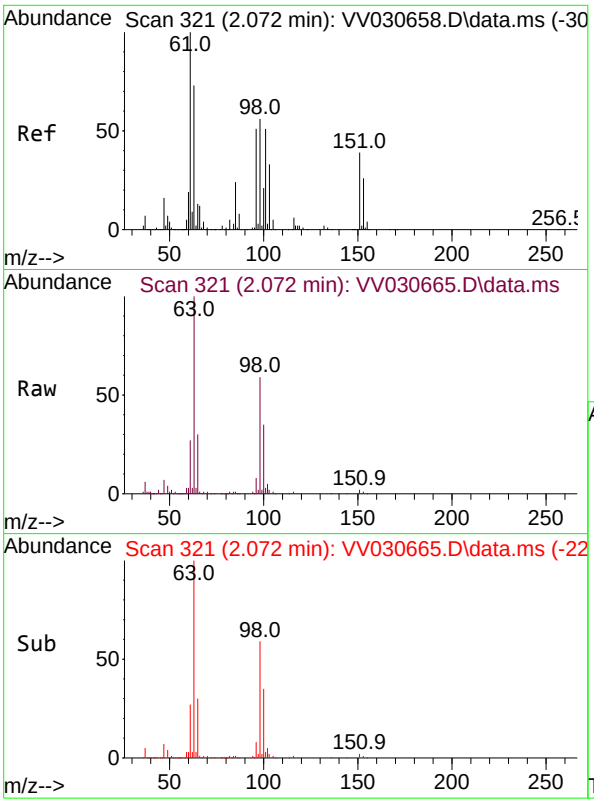
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ1

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



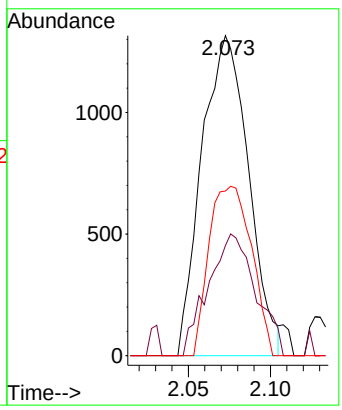


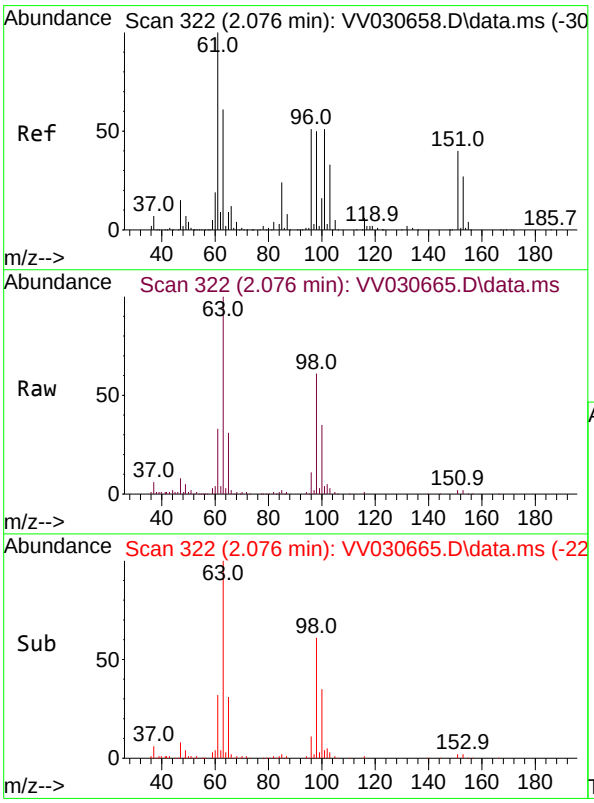
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.510 ug/L
RT: 2.072 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV030665.D
Acq: 19 Apr 2023 15:22

Instrument :
MSVOA_V
ClientSampleId :
C0AQ1

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#

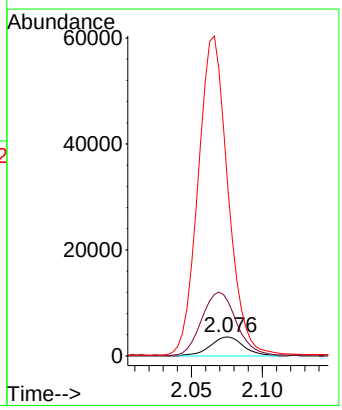


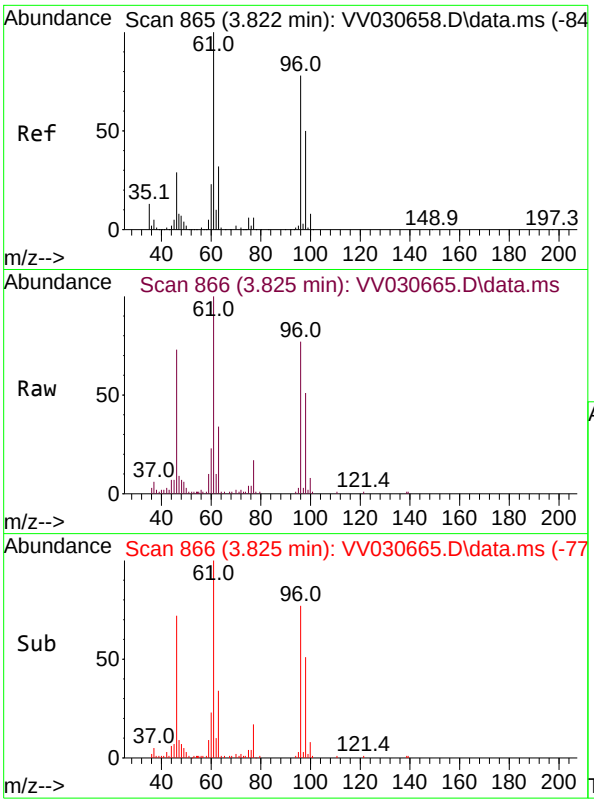


#12
1,1-Dichloroethene
Concen: 3.735 ug/L
RT: 2.076 min Scan# 322
Delta R.T. 0.000 min
Lab File: VV030665.D
Acq: 19 Apr 2023 15:22

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#



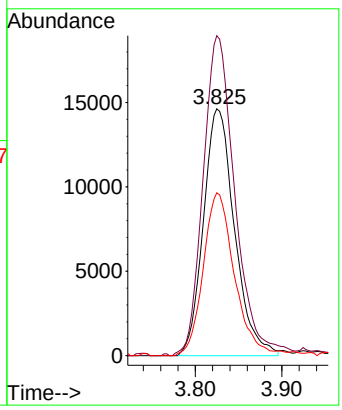


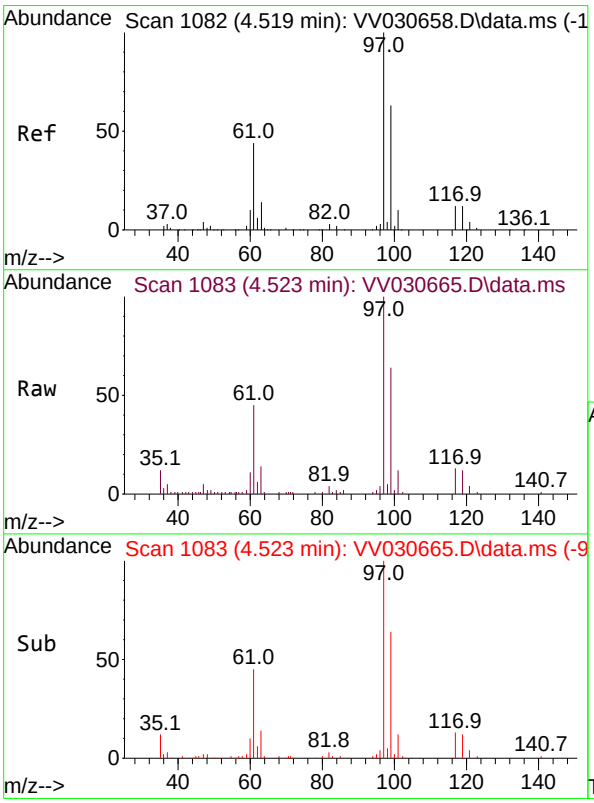
#20
cis-1,2-Dichloroethene
Concen: 21.275 ug/L
RT: 3.825 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV030665.D
Acq: 19 Apr 2023 15:22

Instrument :
MSVOA_V
ClientSampleId :
C0AQ1

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

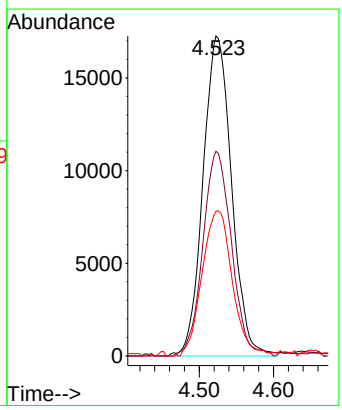


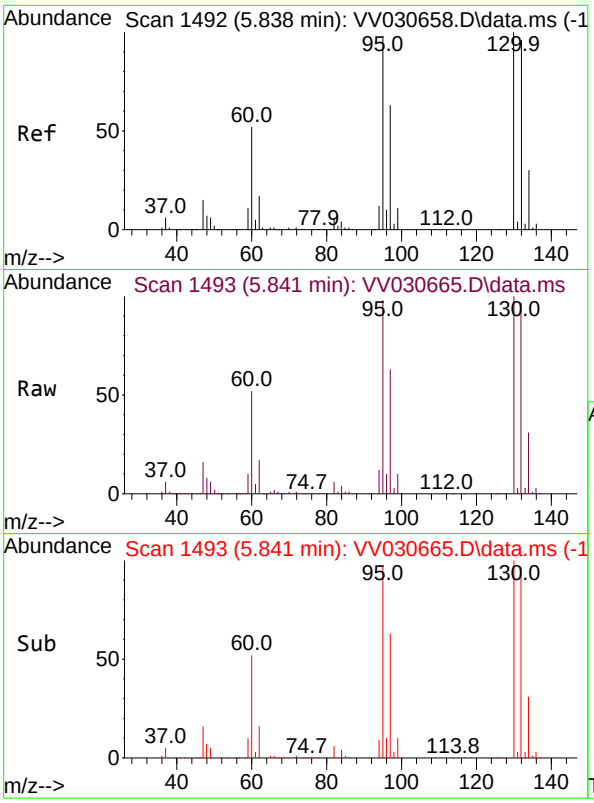


#30
1,1,1-Trichloroethane
Concen: 15.389 ug/L
RT: 4.523 min Scan# 1083
Delta R.T. 0.003 min
Lab File: VV030665.D
Acq: 19 Apr 2023 15:22

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



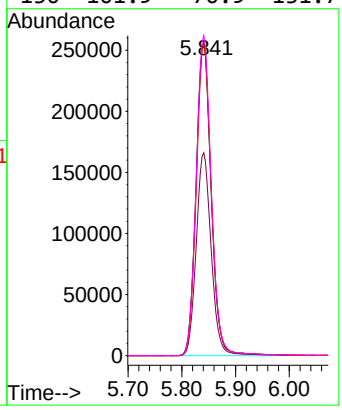


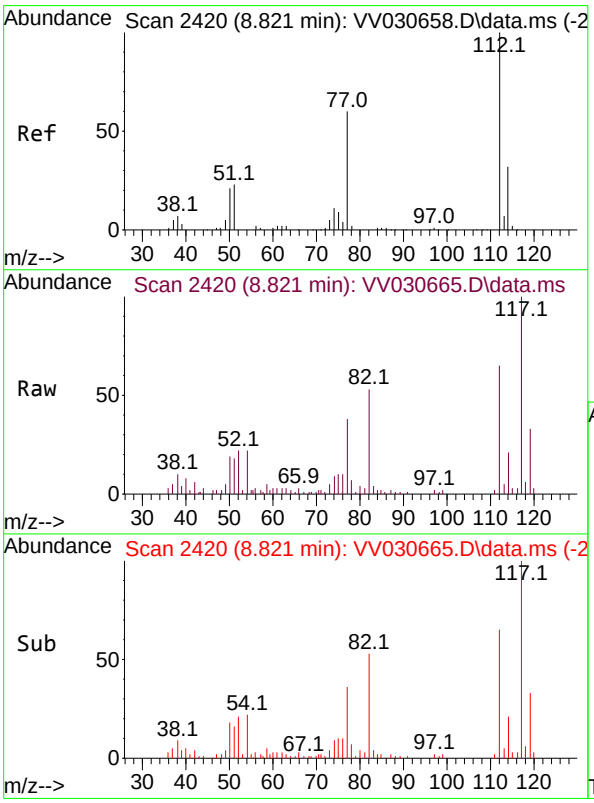
#34
Trichloroethene
Concen: 297.873 ug/L
RT: 5.841 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV030665.D
Acq: 19 Apr 2023 15:22

Instrument :
MSVOA_V
ClientSampleId :
C0AQ1

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

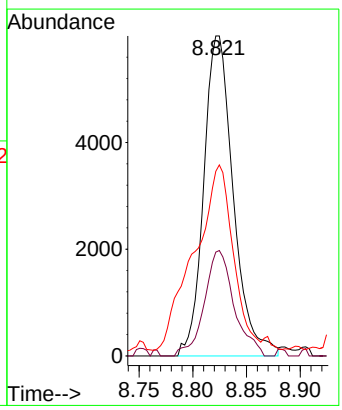


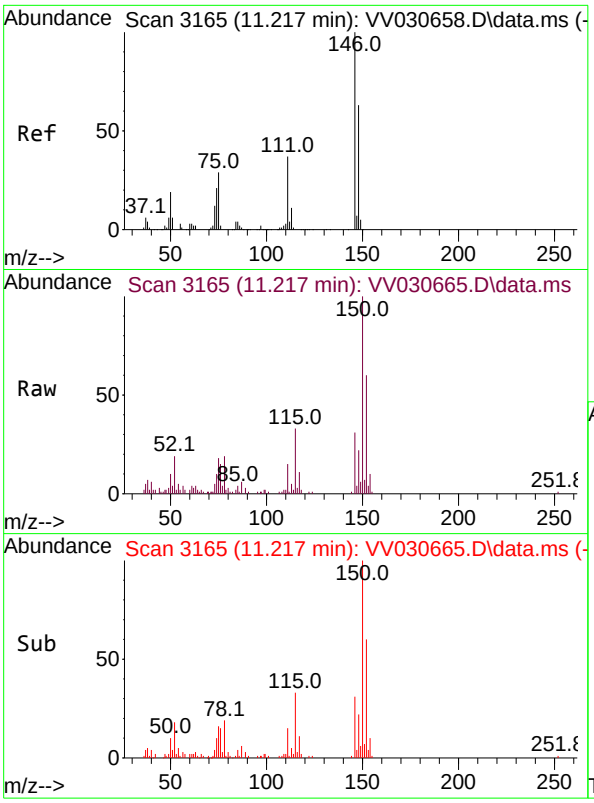


#51
Chlorobenzene
Concen: 2.503 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.000 min
Lab File: VV030665.D
Acq: 19 Apr 2023 15:22

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



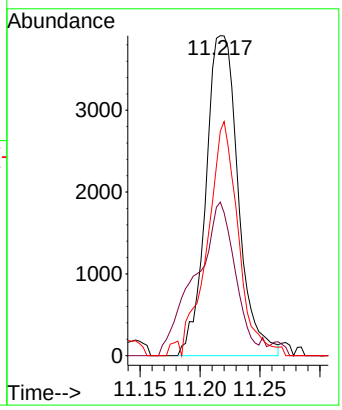


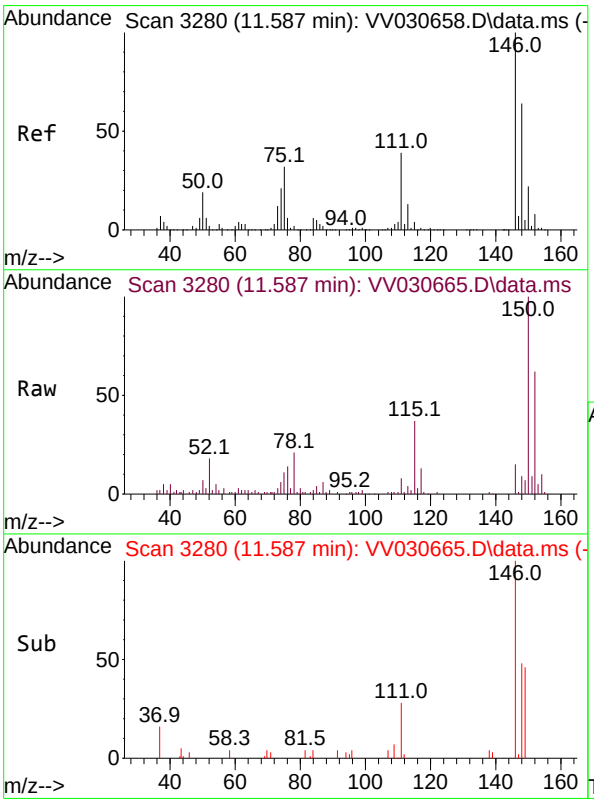
#65
1,4-Dichlorobenzene
Concen: 2.216 ug/L
RT: 11.217 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV030665.D
Acq: 19 Apr 2023 15:22

Instrument :
MSVOA_V
ClientSampleId :
C0AQ1

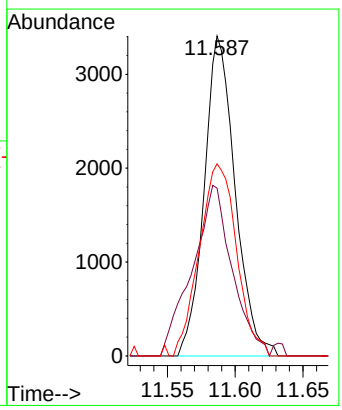
Tgt Ion:146 Resp: 7360

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# 3280
Delta R.T. 0.000 min
Lab File: VV030665.D
Acq: 19 Apr 2023 15:22

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