Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV063022\
Data File : VV026605.D
Acq On : 30 Jun 2022 14:20
Operator : SY/MD
Sample : N3521-13DL 500X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JX7DL

Quant Time: Jul 01 00:22:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062922WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 01 00:19:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	347142	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	346018	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	155855	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	127636	45.105	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.200%			
7) Chloroethane-d5	1.580	69	115463	47.577	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.160%			
11) 1,1-Dichloroethene-d2	2.117	63	185426	34.785	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.580%			
21) 2-Butanone-d5	3.912	46	140444	99.130	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.130%			
24) Chloroform-d	4.358	84	260017	47.587	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.180%			
26) 1,2-Dichloroethane-d4	5.040	65	153461	49.359	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.720%			
32) Benzene-d6	5.056	84	500688	47.586	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.180%			
36) 1,2-Dichloropropane-d6	6.075	67	163568	49.355	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.720%			
41) Toluene-d8	7.320	98	407604	44.105	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.200%			
43) trans-1,3-Dichloroprop...	7.625	79	55265	41.534	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.060%			
47) 2-Hexanone-d5	8.091	63	103761	90.526	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.530%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	231379	48.354	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.700%			
66) 1,2-Dichlorobenzene-d4	11.622	152	168430	55.218	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.440%			
Target Compounds						Qvalue
33) Benzene	5.111	78	75685	6.746	ug/L	100
51) Chlorobenzene	8.882	112	418195	52.681	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	15502	3.225	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	129152	25.910	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	177549	36.247	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	18358	6.601	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	4231	1.499	ug/L	98

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

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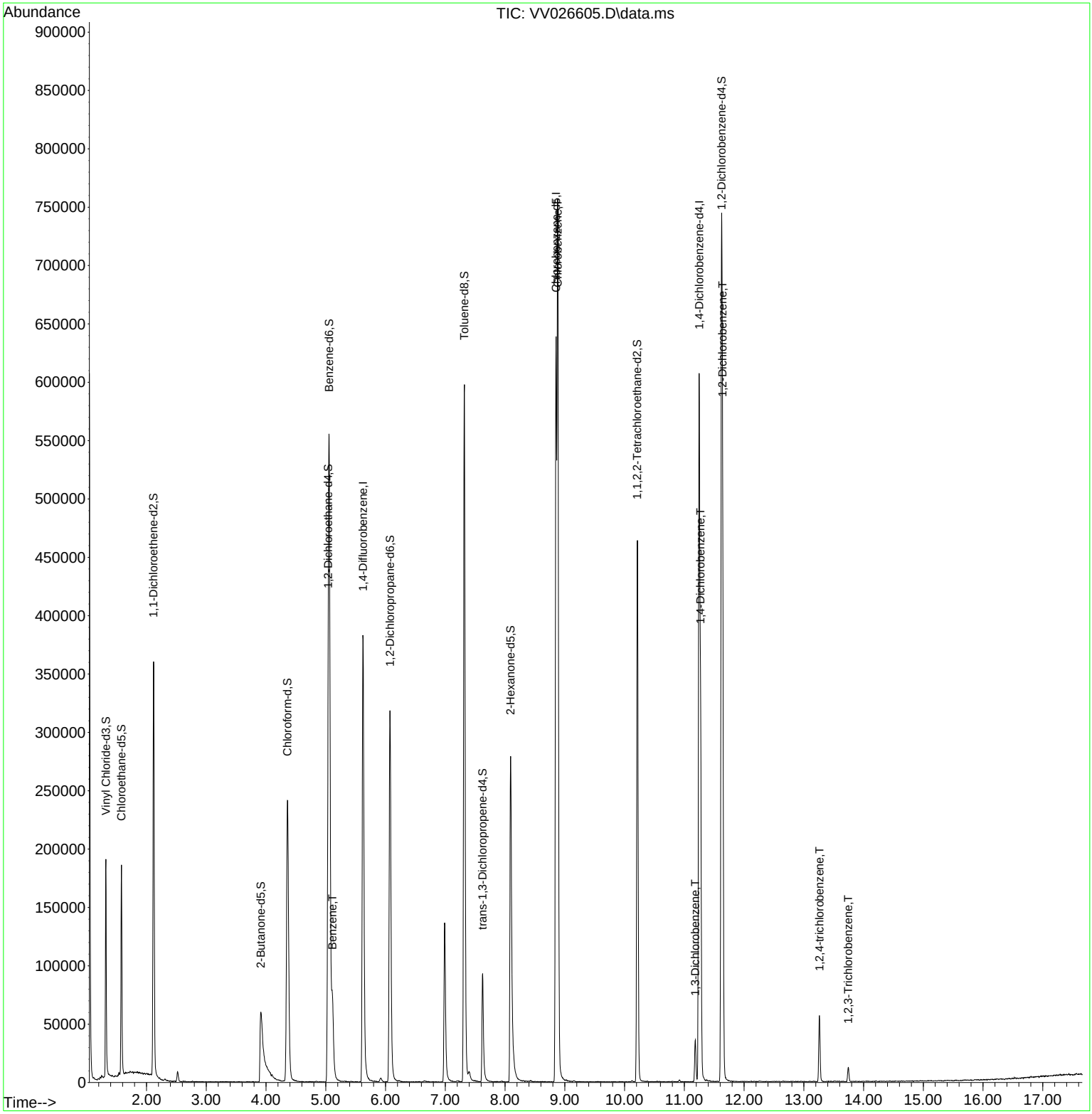
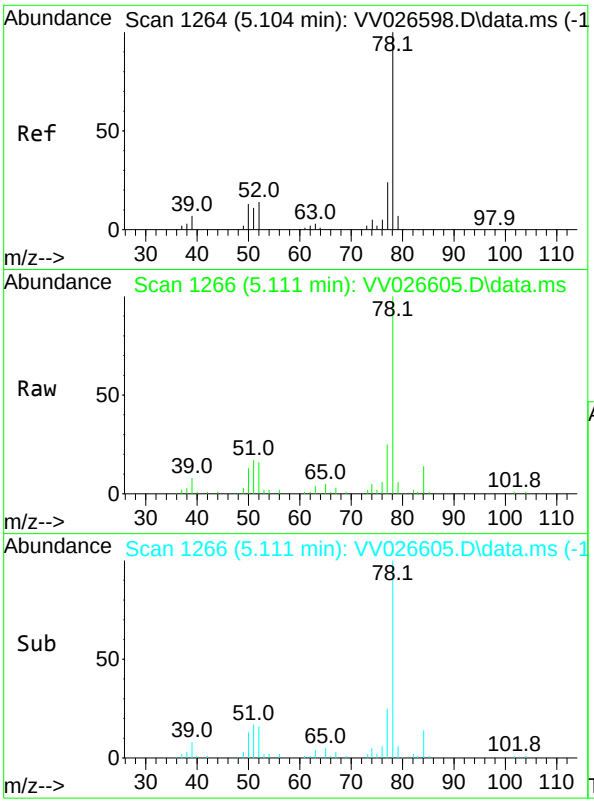
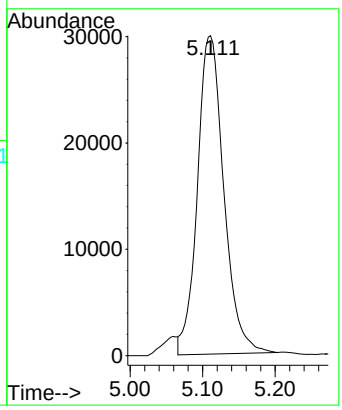


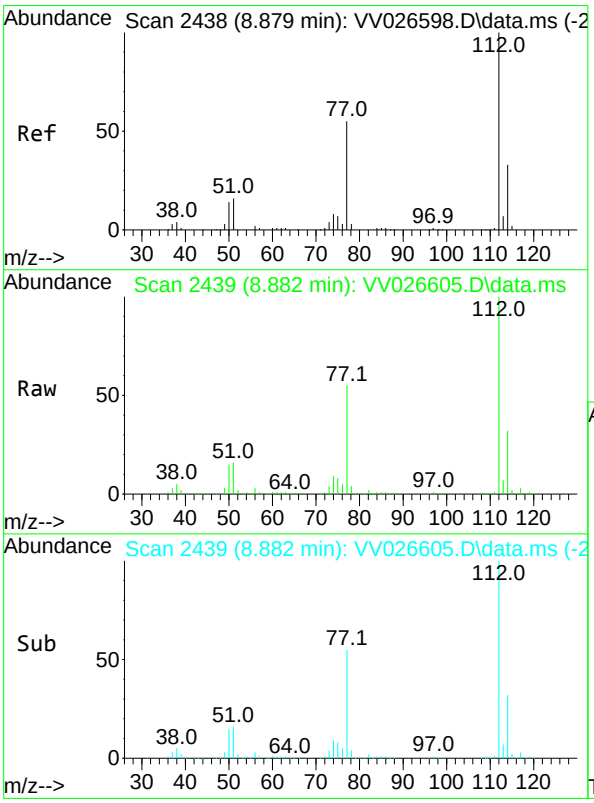


#33
Benzene
Concen: 6.746 ug/L
RT: 5.111 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV026605.D
Acq: 30 Jun 2022 14:20

Instrument :
MSVOA_V
ClientSampleId :
C0JX7DL

Tgt Ion: 78 Resp: 75685

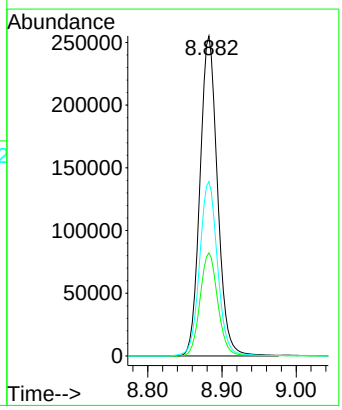


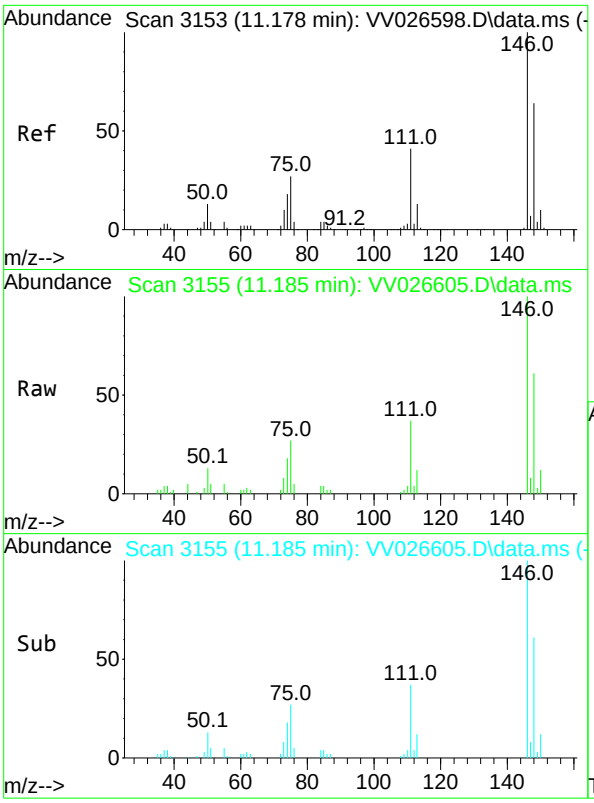


#51
Chlorobenzene
Concen: 52.681 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV026605.D
Acq: 30 Jun 2022 14:20

Tgt Ion:112 Resp: 418195

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.0	41.0
77	54.5	42.4	63.6



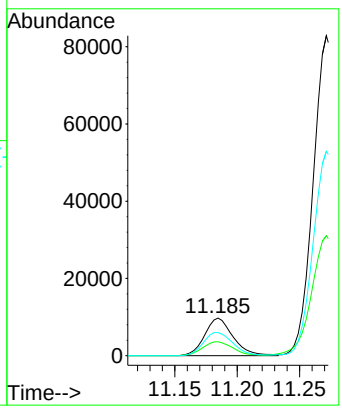


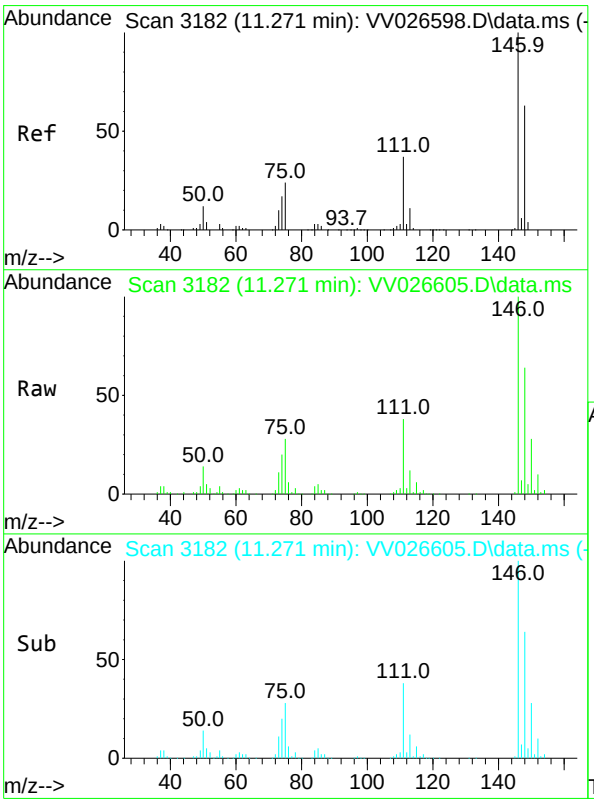
#64
1,3-Dichlorobenzene
Concen: 3.225 ug/L
RT: 11.185 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV026605.D
Acq: 30 Jun 2022 14:20

Instrument :
MSVOA_V
ClientSampleId :
C0JX7DL

Tgt Ion:146 Resp: 15502

Ion	Ratio	Lower	Upper
146	100		
111	37.1	27.4	51.0
148	61.4	45.1	83.9

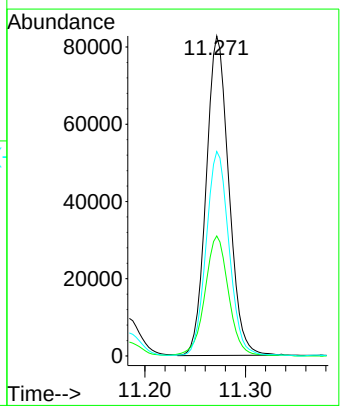


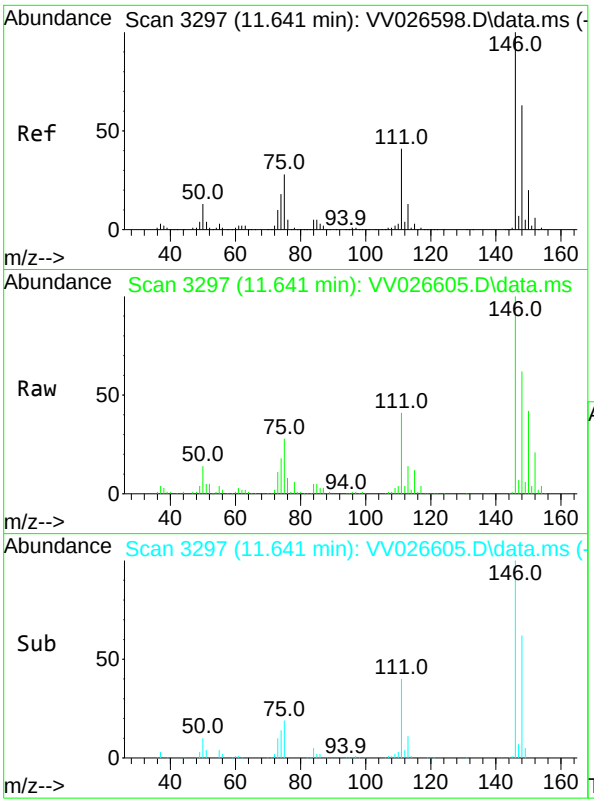


#65
1,4-Dichlorobenzene
Concen: 25.910 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026605.D
Acq: 30 Jun 2022 14:20

Tgt Ion:146 Resp: 129152

Ion	Ratio	Lower	Upper
146	100		
111	37.5	26.4	49.0
148	63.9	44.9	83.3



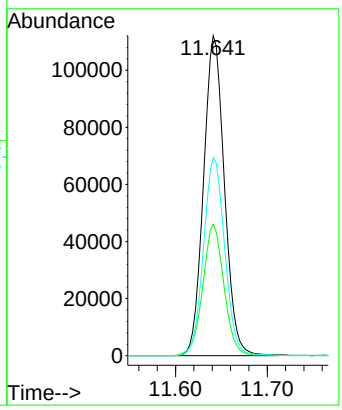


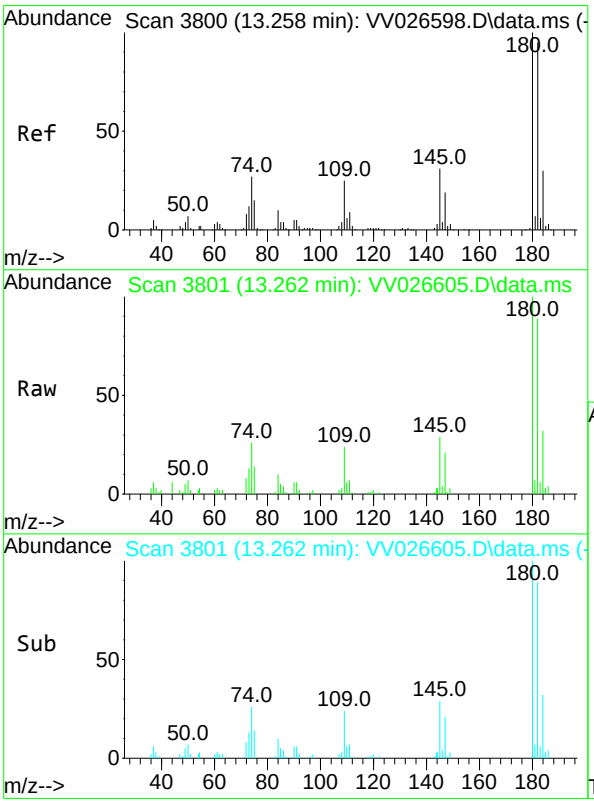
#67
1,2-Dichlorobenzene
Concen: 36.247 ug/L
RT: 11.641 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV026605.D
Acq: 30 Jun 2022 14:20

Instrument :
MSVOA_V
ClientSampleId :
C0JX7DL

Tgt Ion:146 Resp: 177549

Ion	Ratio	Lower	Upper
146	100		
111	41.0	32.8	49.2
148	61.9	50.9	76.3

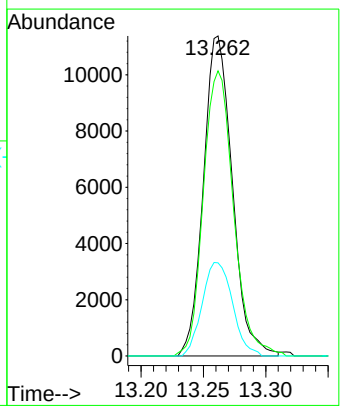


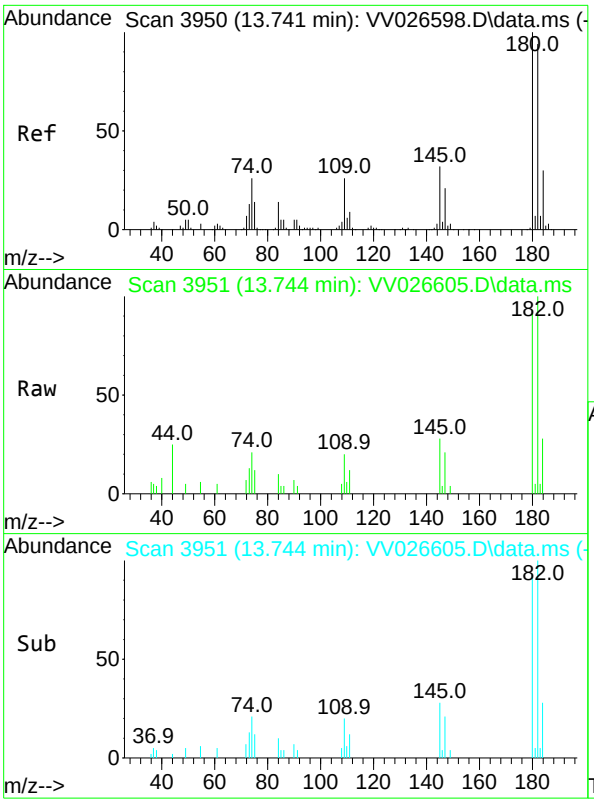


#70
1,2,4-trichlorobenzene
Concen: 6.601 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV026605.D
Acq: 30 Jun 2022 14:20

Tgt Ion:180 Resp: 18358

Ion	Ratio	Lower	Upper
180	100		
182	92.6	75.9	113.9
145	30.6	24.5	36.7





#72
1,2,3-Trichlorobenzene
Concen: 1.499 ug/L
RT: 13.744 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV026605.D
Acq: 30 Jun 2022 14:20

Instrument :
MSVOA_V
ClientSampleId :
C0JX7DL

Tgt Ion:180 Resp: 4231

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.1	114.1
145	29.9	26.3	39.5