Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052622\
Data File : VV025967.D
Acq On : 26 May 2022 18:47
Operator : SY/MD
Sample : N3039-07DL 500X
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JR1DL

Quant Time: May 27 01:31:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 27 01:28:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	338632	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	342796	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	151128	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	193784	44.340	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.680%			
7) Chloroethane-d5	1.571	69	158433	41.280	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.560%			
11) 1,1-Dichloroethene-d2	2.111	63	271740	35.551	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.100%			
21) 2-Butanone-d5	3.908	46	128545	68.624	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 68.620%			
24) Chloroform-d	4.349	84	283604	46.460	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.920%			
26) 1,2-Dichloroethane-d4	5.034	65	172893	46.864	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.720%			
32) Benzene-d6	5.050	84	578069	48.372	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.740%			
36) 1,2-Dichloropropane-d6	6.069	67	180310	49.125	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.260%			
41) Toluene-d8	7.317	98	490266	44.526	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.060%			
43) trans-1,3-Dichloroprop...	7.622	79	65788	40.153	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.300%			
47) 2-Hexanone-d5	8.091	63	117086	87.010	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.010%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	234805	47.971	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.940%			
66) 1,2-Dichlorobenzene-d4	11.622	152	181401	54.720	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.440%			
Target Compounds						Qvalue
33) Benzene	5.104	78	74378	6.444	ug/L	100
51) Chlorobenzene	8.879	112	373458	47.100	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	13782	2.876	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	116877	23.275	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	155046	31.283	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	17819	6.325	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	3619	1.261	ug/L	92

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

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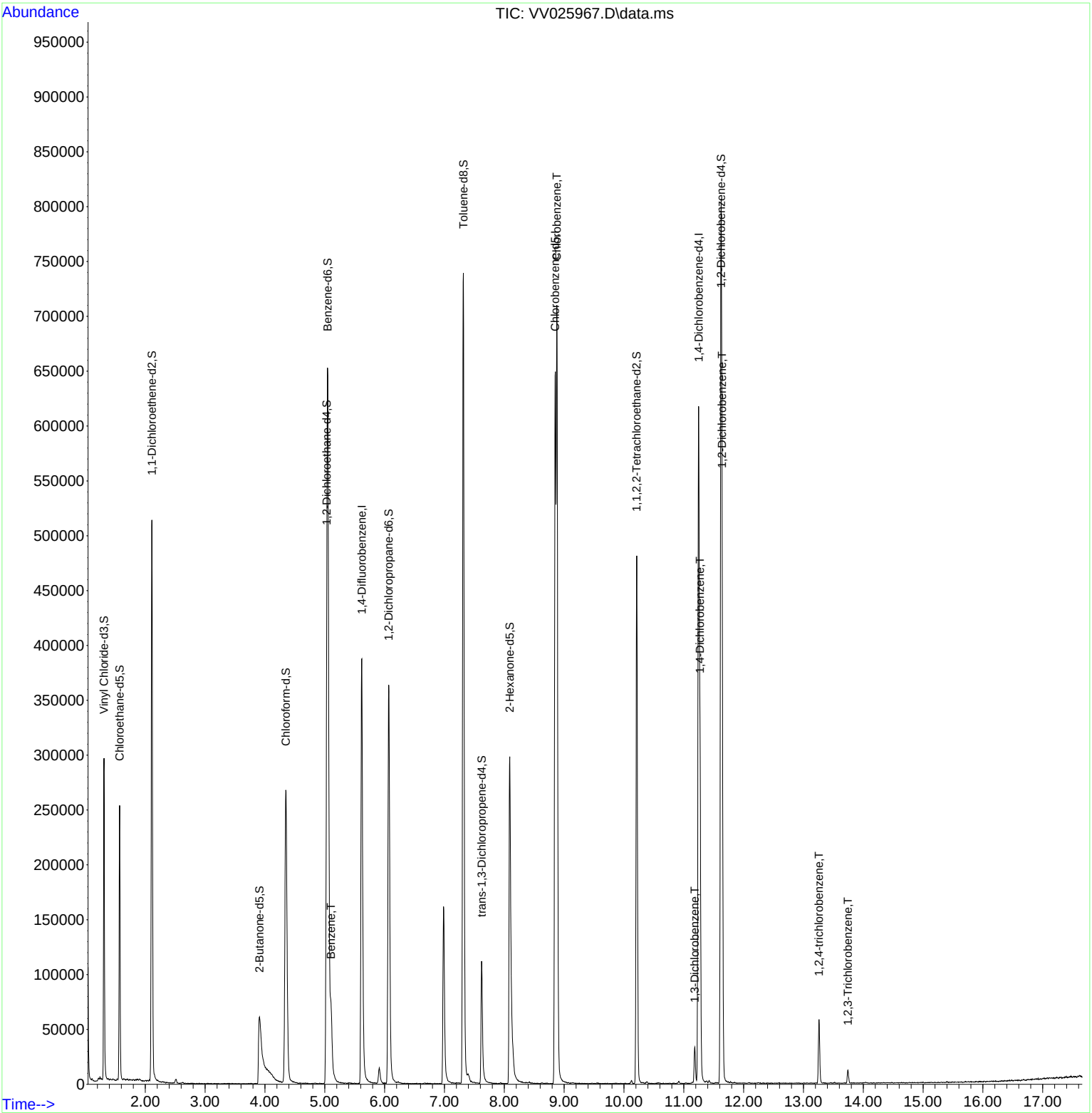
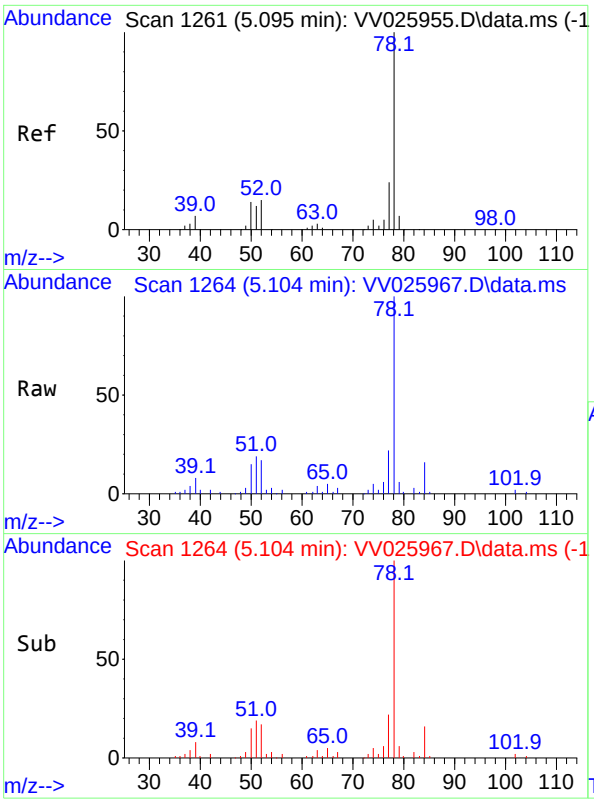
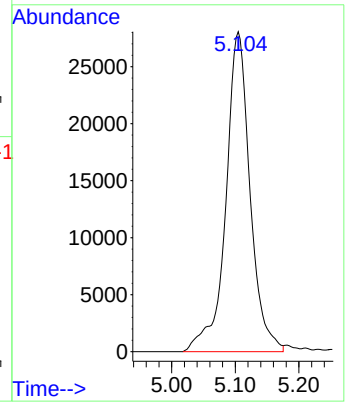


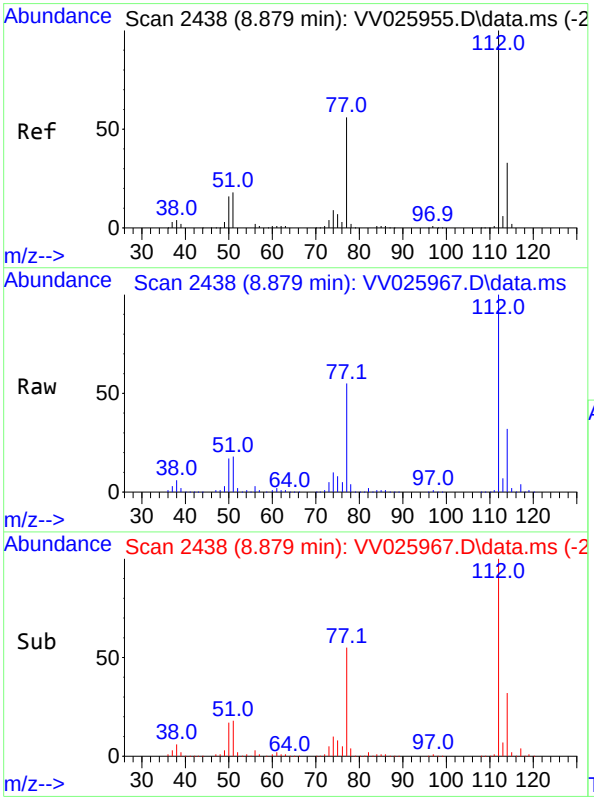


#33
Benzene
Concen: 6.444 ug/L
RT: 5.104 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV025967.D
Acq: 26 May 2022 18:47

Instrument :
MSVOA_V
ClientSampleId :
C0JR1DL

Tgt Ion: 78 Resp: 74378

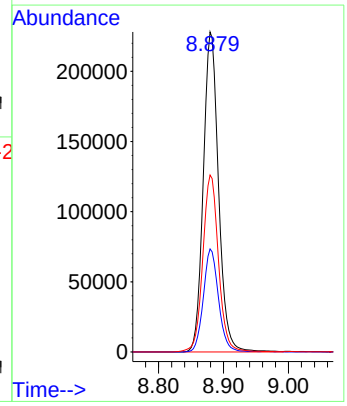


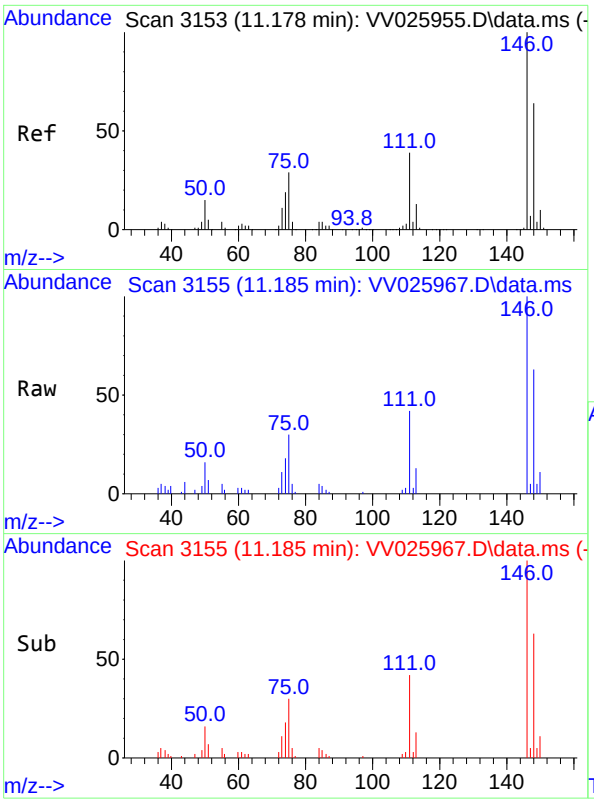


#51
Chlorobenzene
Concen: 47.100 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV025967.D
Acq: 26 May 2022 18:47

Tgt Ion:112 Resp: 373458

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.0	40.8
77	55.3	45.3	67.9



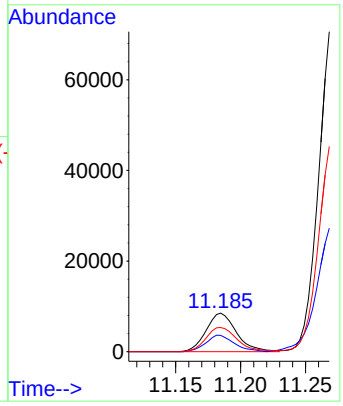


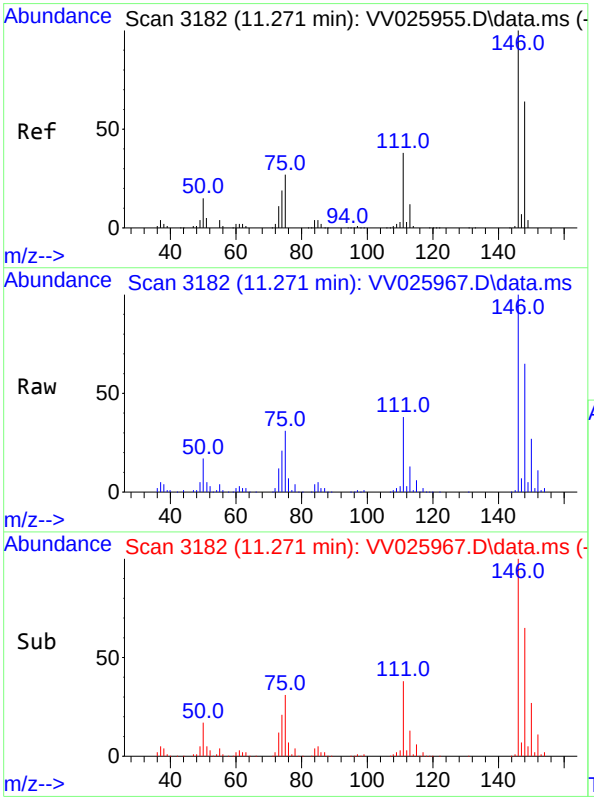
#64
1,3-Dichlorobenzene
Concen: 2.876 ug/L
RT: 11.185 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV025967.D
Acq: 26 May 2022 18:47

Instrument :
MSVOA_V
ClientSampleId :
C0JR1DL

Tgt Ion:146 Resp: 13782

Ion	Ratio	Lower	Upper
146	100		
111	42.3	28.1	52.1
148	63.0	44.0	81.8

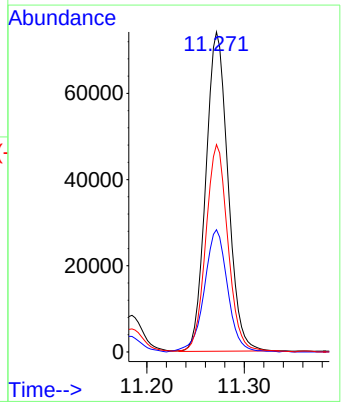


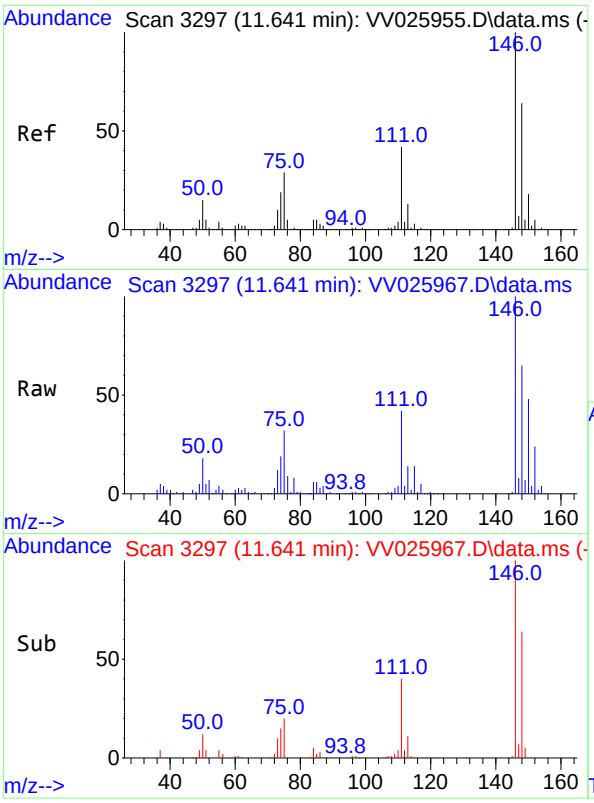


#65
1,4-Dichlorobenzene
Concen: 23.275 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025967.D
Acq: 26 May 2022 18:47

Tgt Ion:146 Resp: 116877

Ion	Ratio	Lower	Upper
146	100		
111	38.2	26.7	49.7
148	64.8	44.2	82.2



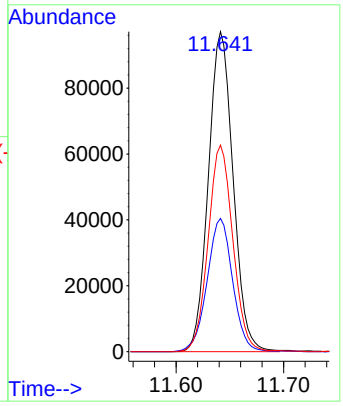


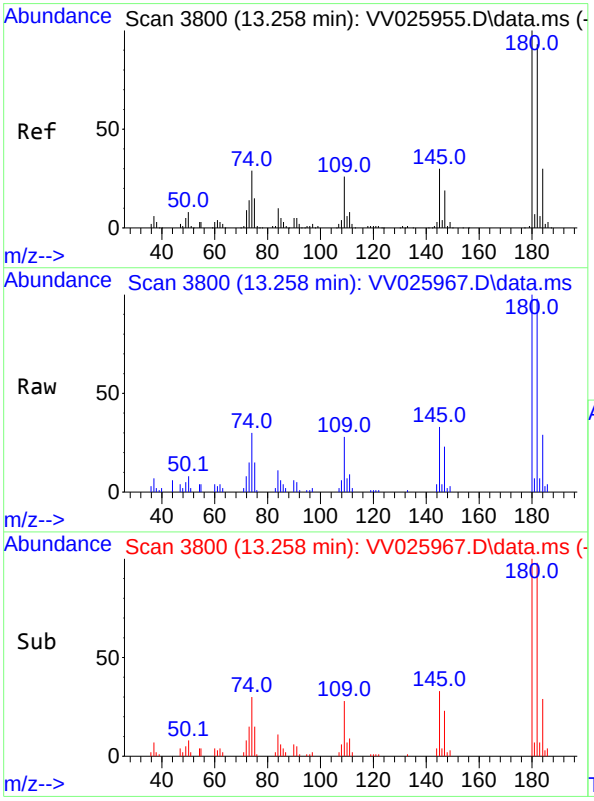
#67
1,2-Dichlorobenzene
Concen: 31.283 ug/L
RT: 11.641 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV025967.D
Acq: 26 May 2022 18:47

Instrument :
MSVOA_V
ClientSampleId :
C0JR1DL

Tgt Ion:146 Resp: 155046

Ion	Ratio	Lower	Upper
146	100		
111	41.7	33.7	50.5
148	64.5	51.4	77.2

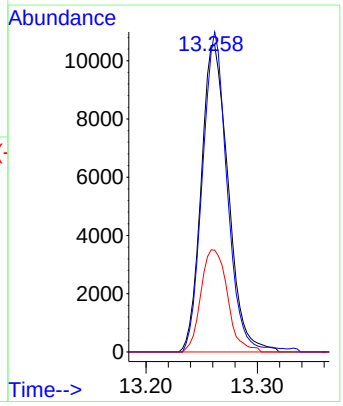


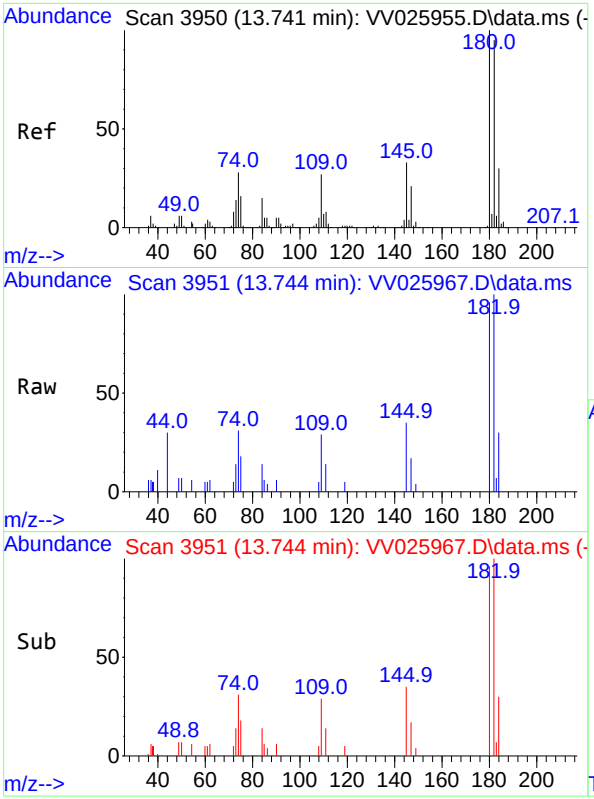


#70
1,2,4-trichlorobenzene
Concen: 6.325 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV025967.D
Acq: 26 May 2022 18:47

Tgt Ion:180 Resp: 17819

Ion	Ratio	Lower	Upper
180	100		
182	94.3	74.8	112.2
145	32.3	24.8	37.2





#72
1,2,3-Trichlorobenzene
Concen: 1.261 ug/L
RT: 13.744 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV025967.D
Acq: 26 May 2022 18:47

Instrument :
MSVOA_V
ClientSampleId :
C0JR1DL

Tgt Ion:180 Resp: 3619

Ion	Ratio	Lower	Upper
180	100		
182	101.7	75.8	113.8
145	38.5	26.3	39.5