Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052622\
Data File : VV025959.D
Acq On : 26 May 2022 15:35
Operator : SY/MD
Sample : N3039-07 100X
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JR1

Quant Time: May 27 01:29:31 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	348580	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	349721	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	168217	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	194984	43.342	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.680%			
7) Chloroethane-d5	1.571	69	156888	39.711	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.420%			
11) 1,1-Dichloroethene-d2	2.111	63	272286	34.606	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.220%			
21) 2-Butanone-d5	3.905	46	142903	74.111	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 74.110%			
24) Chloroform-d	4.349	84	282873	45.018	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.040%			
26) 1,2-Dichloroethane-d4	5.034	65	177082	46.630	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.260%			
32) Benzene-d6	5.050	84	584443	47.937	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.880%			
36) 1,2-Dichloropropane-d6	6.069	67	183455	48.992	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.980%			
41) Toluene-d8	7.317	98	500732	44.576	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.160%			
43) trans-1,3-Dichloroprop...	7.622	79	68537	41.002	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.000%			
47) 2-Hexanone-d5	8.091	63	121100	88.210	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.210%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	234382	46.936	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.880%			
66) 1,2-Dichlorobenzene-d4	11.622	152	194963	52.836	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.680%			
Target Compounds						Qvalue
33) Benzene	5.101	78	346248	29.404	ug/L	100
51) Chlorobenzene	8.879	112	1922773	237.698	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	72733	13.637	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	661912	118.422	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	836997	151.720	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	105072	33.506	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	23880	7.473	ug/L	98

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

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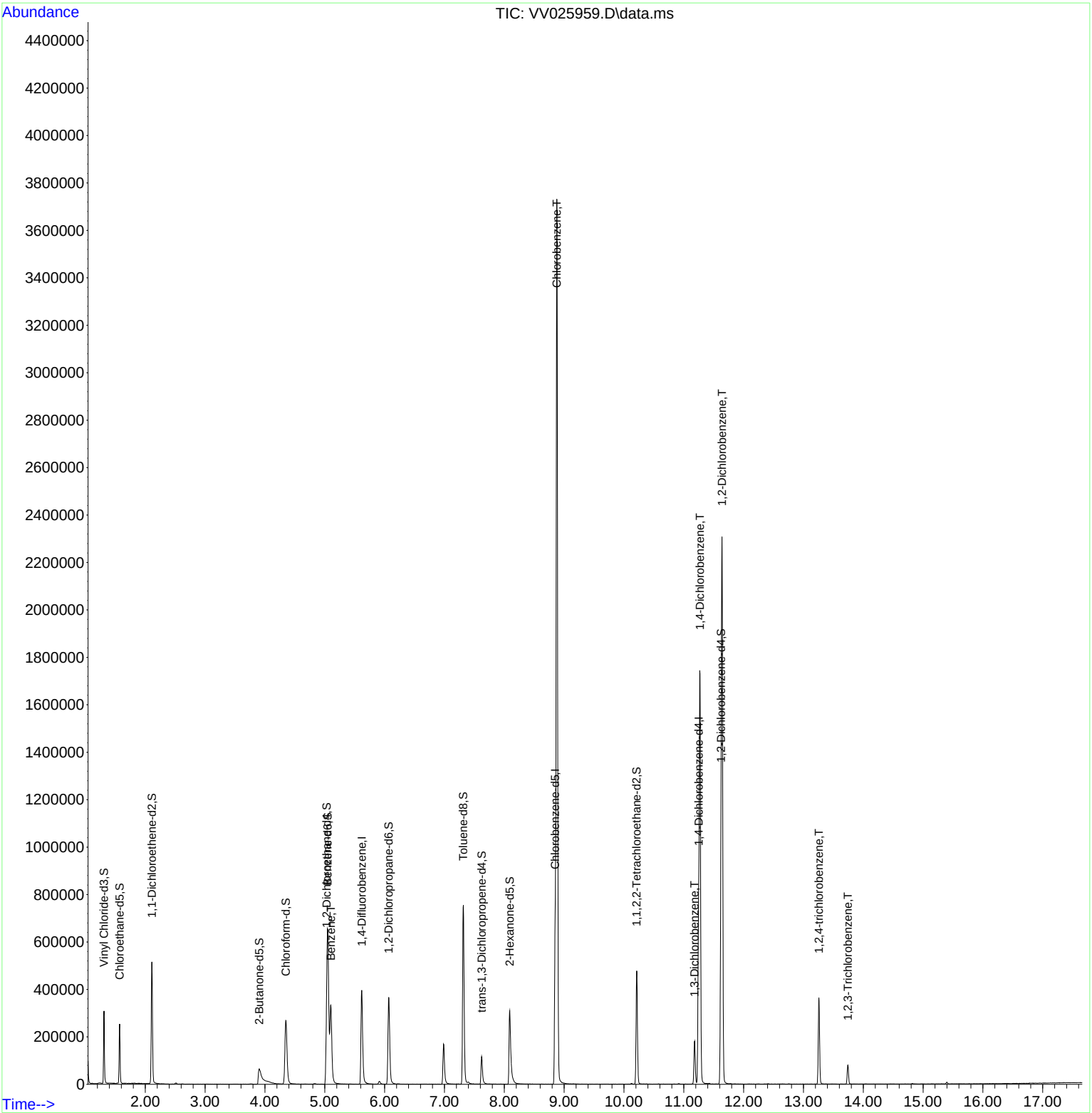
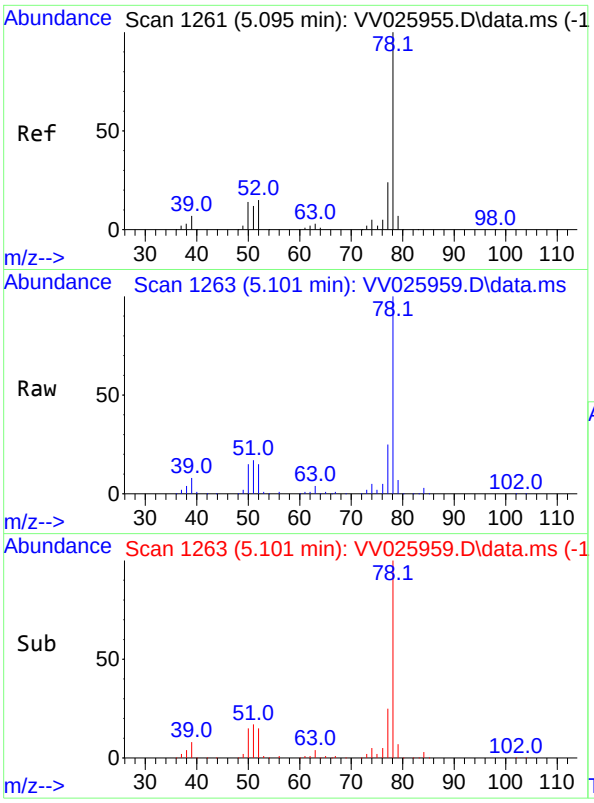
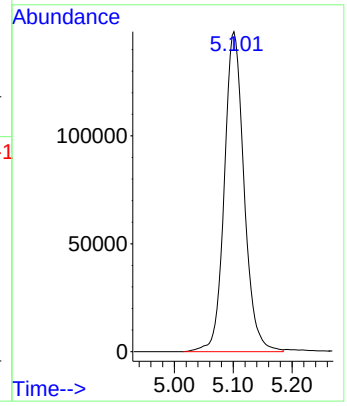


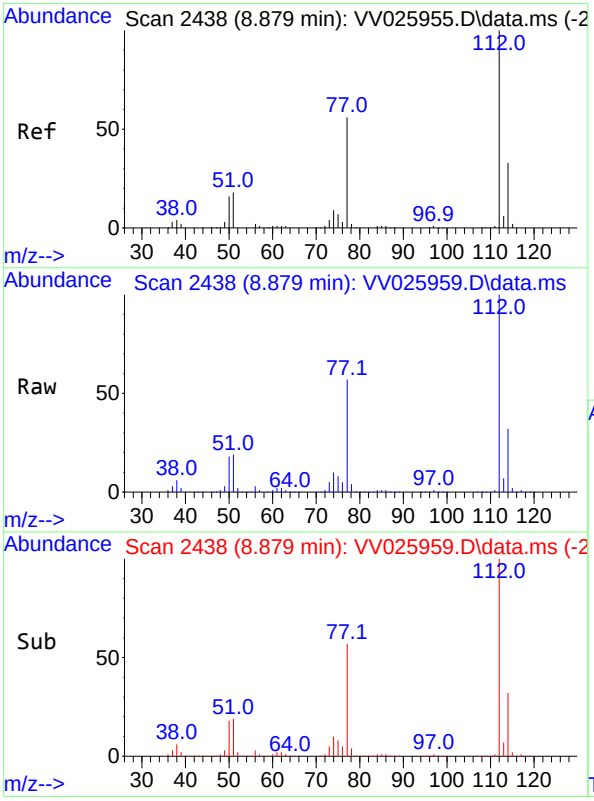


#33
Benzene
Concen: 29.404 ug/L
RT: 5.101 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV025959.D
Acq: 26 May 2022 15:35

Instrument :
MSVOA_V
ClientSampleId :
C0JR1

Tgt Ion: 78 Resp: 346248

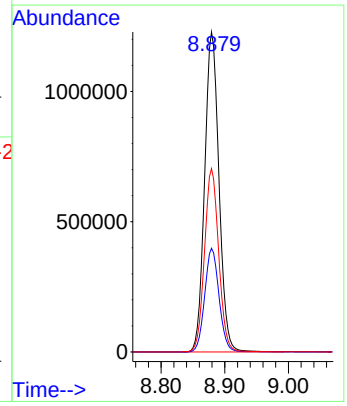


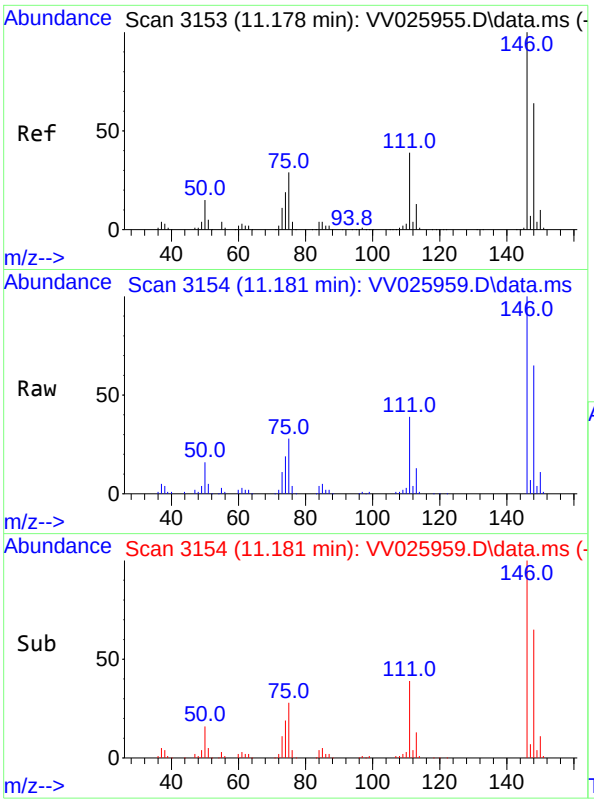


#51
Chlorobenzene
Concen: 237.698 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV025959.D
Acq: 26 May 2022 15:35

Tgt Ion:112 Resp: 1922773

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.0	40.8
77	57.3	45.3	67.9



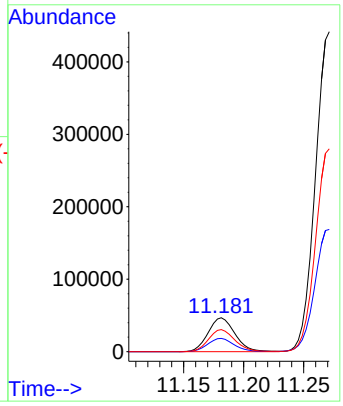


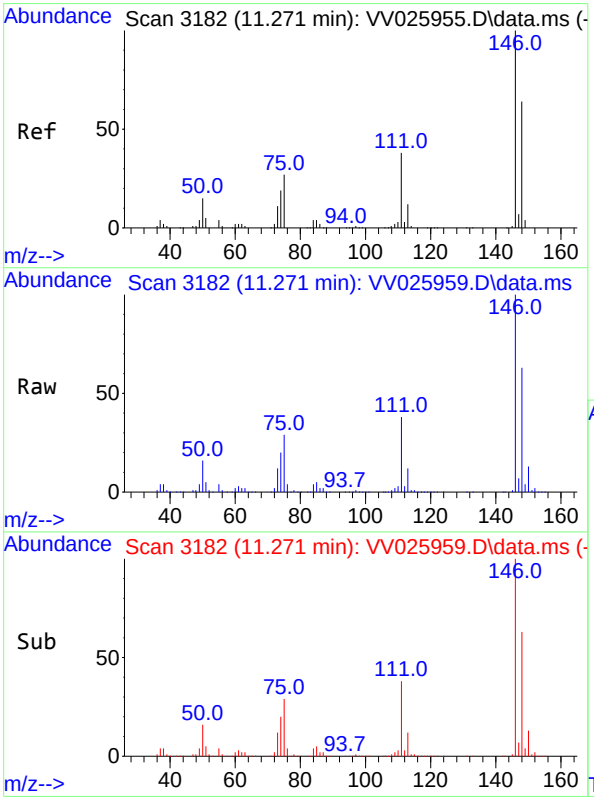
#64
1,3-Dichlorobenzene
Concen: 13.637 ug/L
RT: 11.181 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV025959.D
Acq: 26 May 2022 15:35

Instrument :
MSVOA_V
ClientSampleId :
C0JR1

Tgt Ion:146 Resp: 72733

Ion	Ratio	Lower	Upper
146	100		
111	39.3	28.1	52.1
148	65.0	44.0	81.8

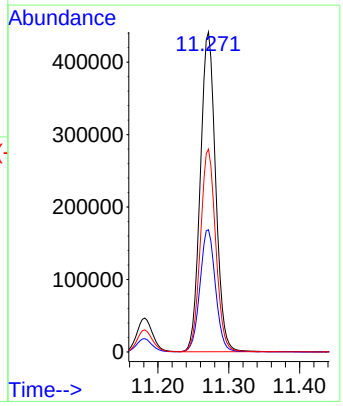


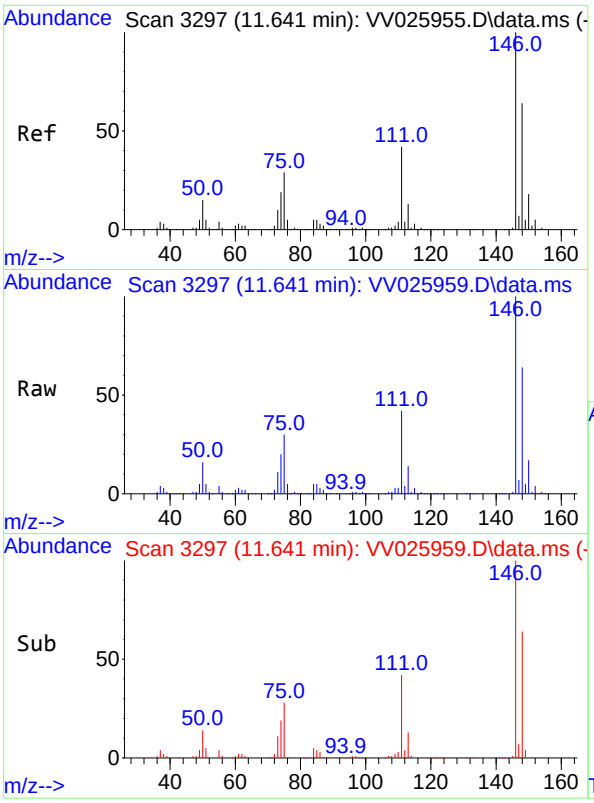


#65
1,4-Dichlorobenzene
Concen: 118.422 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025959.D
Acq: 26 May 2022 15:35

Tgt Ion:146 Resp: 661912

Ion	Ratio	Lower	Upper
146	100		
111	38.2	26.7	49.7
148	63.4	44.2	82.2



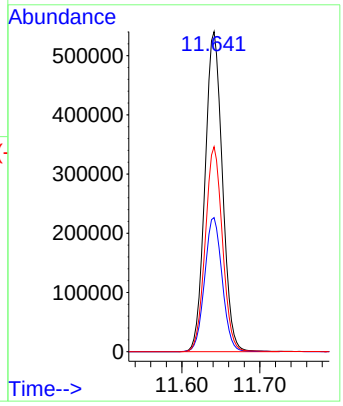


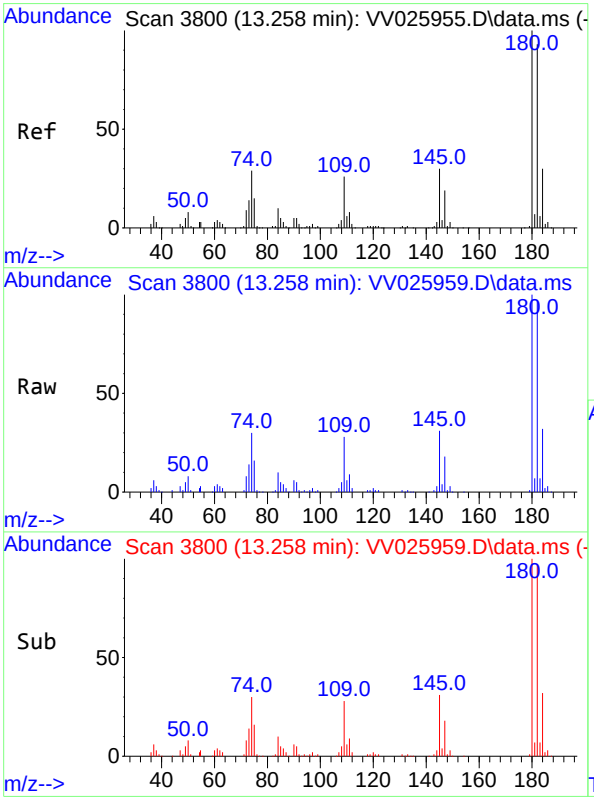
#67
1,2-Dichlorobenzene
Concen: 151.720 ug/L
RT: 11.641 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV025959.D
Acq: 26 May 2022 15:35

Instrument :
MSVOA_V
ClientSampleId :
C0JR1

Tgt Ion:146 Resp: 836997

Ion	Ratio	Lower	Upper
146	100		
111	41.9	33.7	50.5
148	64.1	51.4	77.2

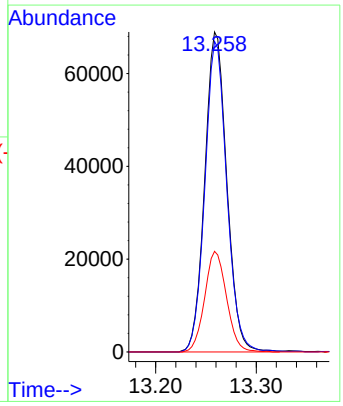


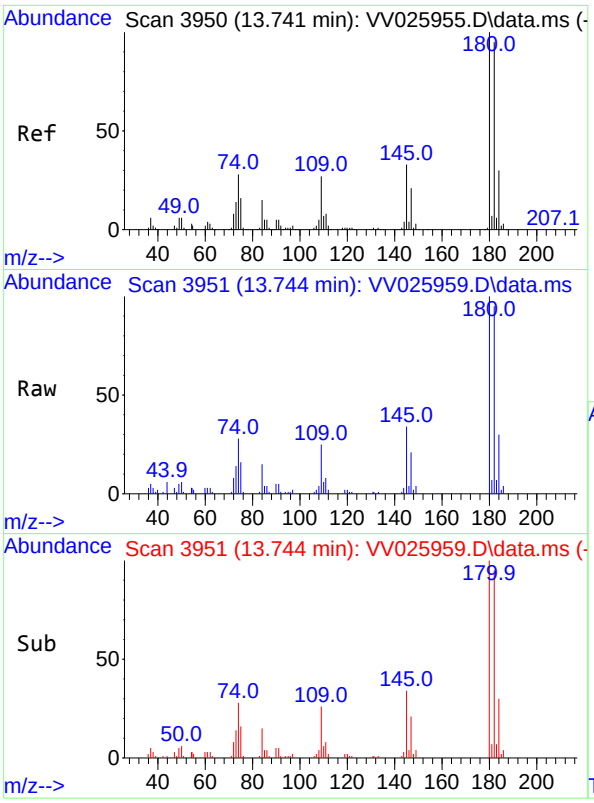


#70
1,2,4-trichlorobenzene
Concen: 33.506 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV025959.D
Acq: 26 May 2022 15:35

Tgt Ion:180 Resp: 105072

Ion	Ratio	Lower	Upper
180	100		
182	96.1	74.8	112.2
145	31.2	24.8	37.2





#72
1,2,3-Trichlorobenzene
Concen: 7.473 ug/L
RT: 13.744 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV025959.D
Acq: 26 May 2022 15:35

Instrument :
MSVOA_V
ClientSampleId :
C0JR1

Tgt Ion:180 Resp: 23880

Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.8	113.8
145	33.6	26.3	39.5