Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
Data File : VX035167.D
Acq On : 19 Apr 2023 14:19
Operator : JC/MD
Sample : 02397-06DL 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0ML8DL

Quant Time: Apr 20 02:55:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 02:36:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	499872	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	432090	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	198099	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	138875	43.087	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.180%			
7) Chloroethane-d5	1.672	69	110171	47.303	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.600%			
11) 1,1-Dichloroethene-d2	2.307	65	70281	45.571	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.140%			
21) 2-Butanone-d5	4.465	46	215030	100.111	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.110%			
24) Chloroform-d	5.056	84	289391	47.676	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.360%			
26) 1,2-Dichloroethane-d4	5.958	65	194922	50.007	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.020%			
32) Benzene-d6	5.971	84	630109	50.765	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.540%			
36) 1,2-Dichloropropane-d6	7.306	67	190754	50.311	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.620%			
41) Toluene-d8	8.647	98	558418	49.226	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.460%			
43) trans-1,3-Dichloroprop...	8.952	79	73883	44.590	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.180%			
47) 2-Hexanone-d5	9.385	63	150780	99.030	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.030%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	227079	48.904	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.800%			
66) 1,2-Dichlorobenzene-d4	12.317	152	196800	51.264	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.520%			
Target Compounds						Qvalue
33) Benzene	6.038	78	1056509	80.740	ug/L	100
51) Chlorobenzene	10.080	112	902845	100.943	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	15066	2.452	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	257666	40.988	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	192296	30.870	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	24232	6.814	ug/L	96
72) 1,2,3-Trichlorobenzene	13.963	180	3680	1.048	ug/L	95

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

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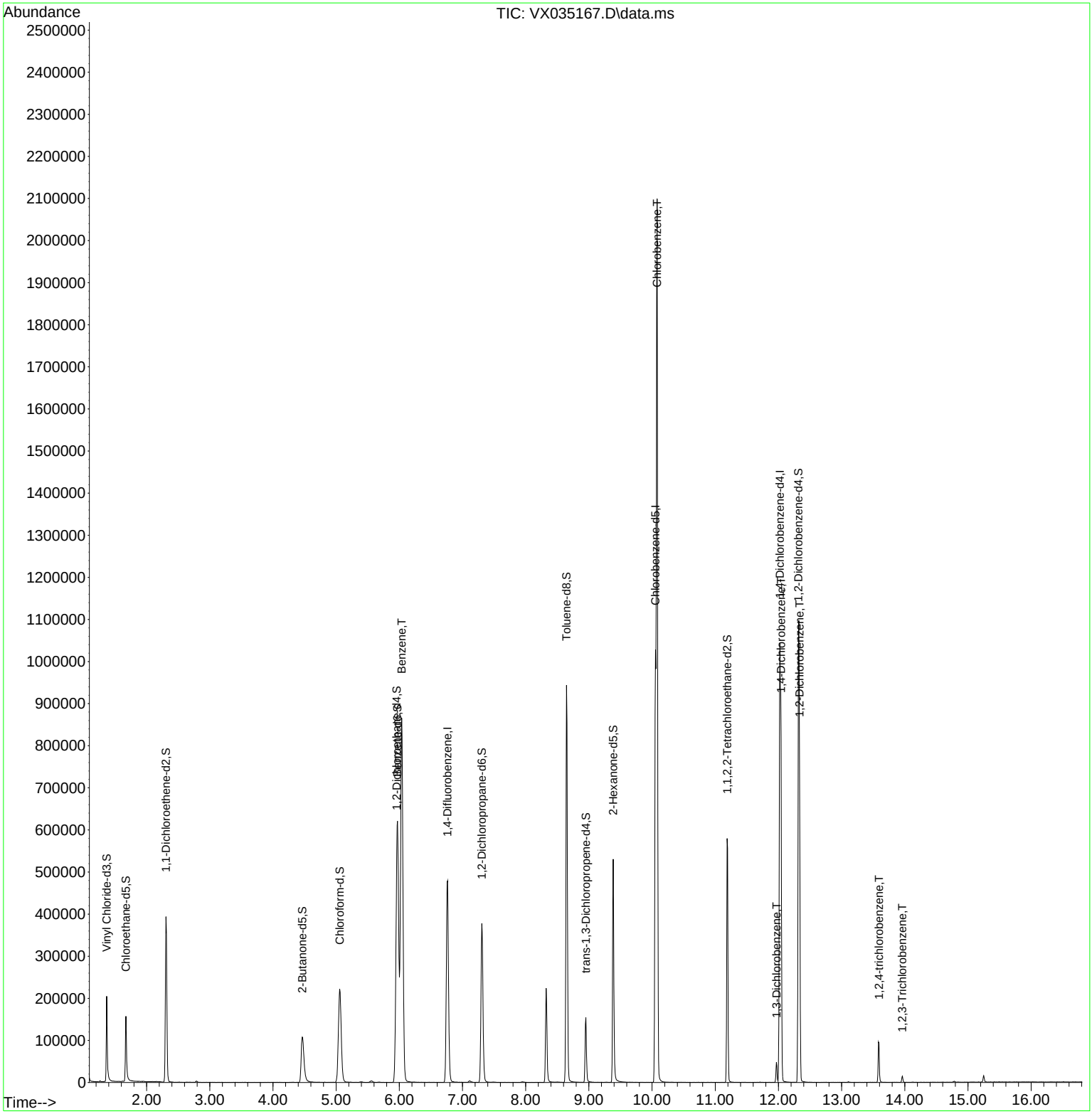
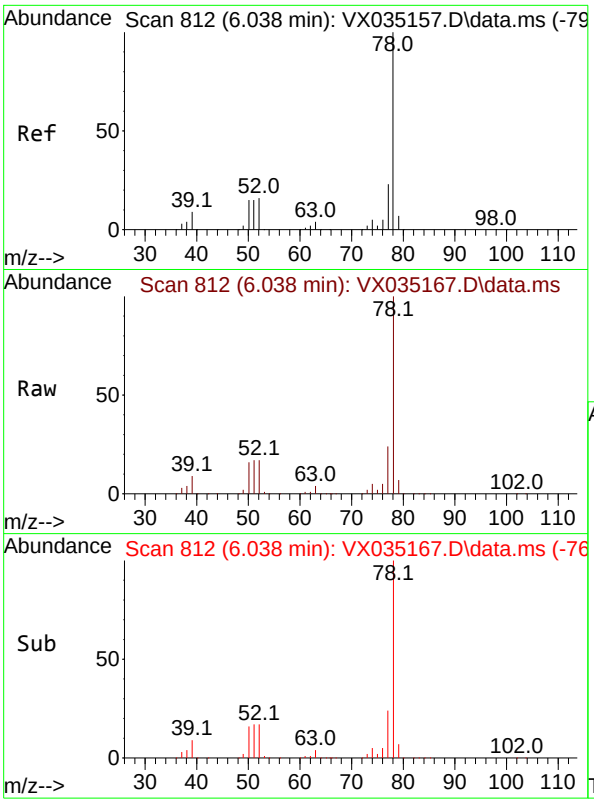
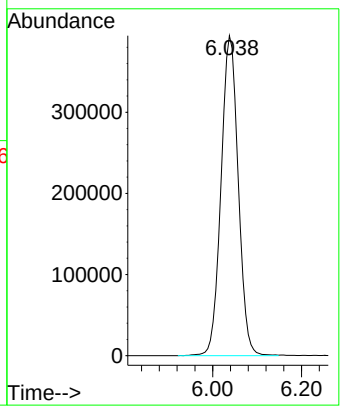


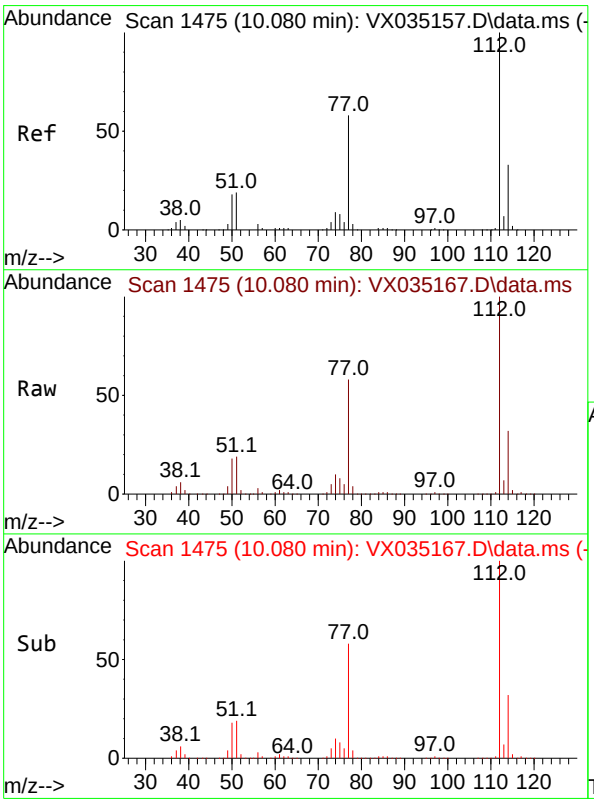


#33
Benzene
Concen: 80.740 ug/L
RT: 6.038 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX035167.D
Acq: 19 Apr 2023 14:19

Instrument :
MSVOA_X
ClientSampleId :
C0ML8DL

Tgt Ion: 78 Resp: 1056509

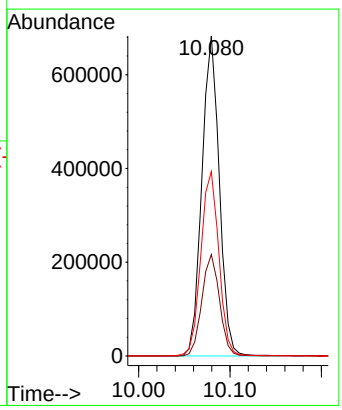


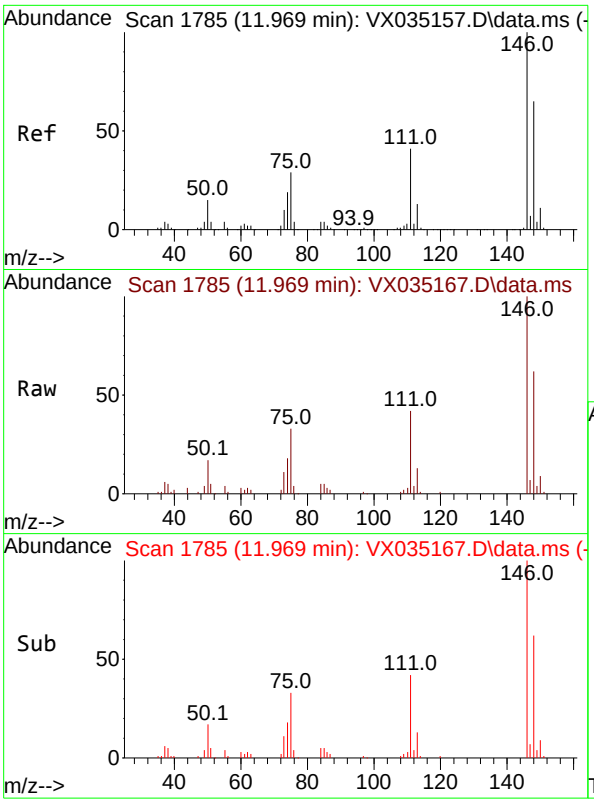


#51
Chlorobenzene
Concen: 100.943 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035167.D
Acq: 19 Apr 2023 14:19

Tgt Ion:112 Resp: 902845

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.4	41.6
77	57.6	47.0	70.6



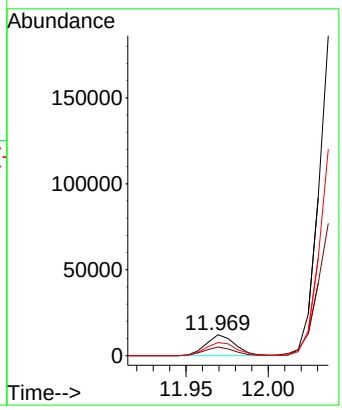


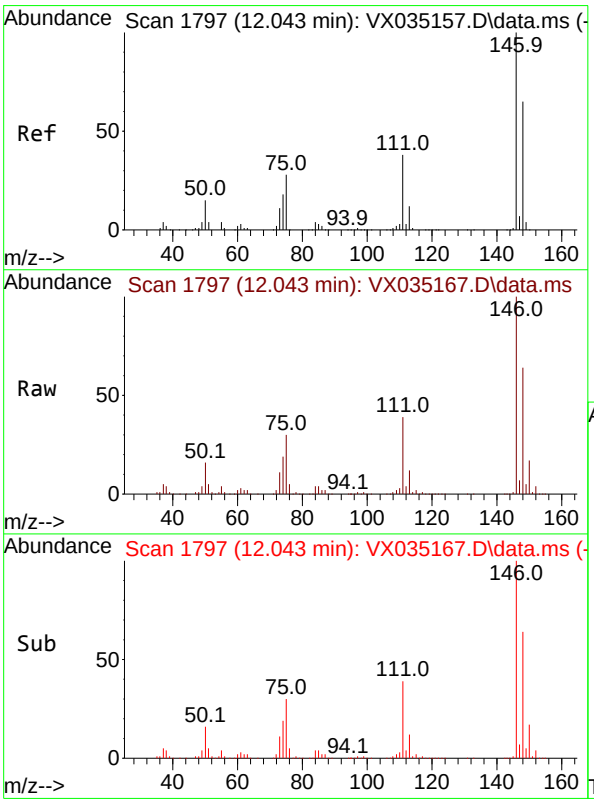
#64
1,3-Dichlorobenzene
Concen: 2.452 ug/L
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX035167.D
Acq: 19 Apr 2023 14:19

Instrument :
MSVOA_X
ClientSampleId :
C0ML8DL

Tgt Ion:146 Resp: 15066

Ion	Ratio	Lower	Upper
146	100		
111	41.7	28.9	53.7
148	62.4	44.3	82.3

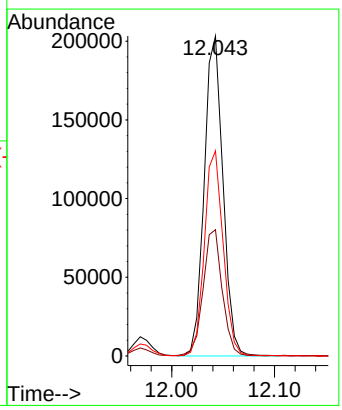


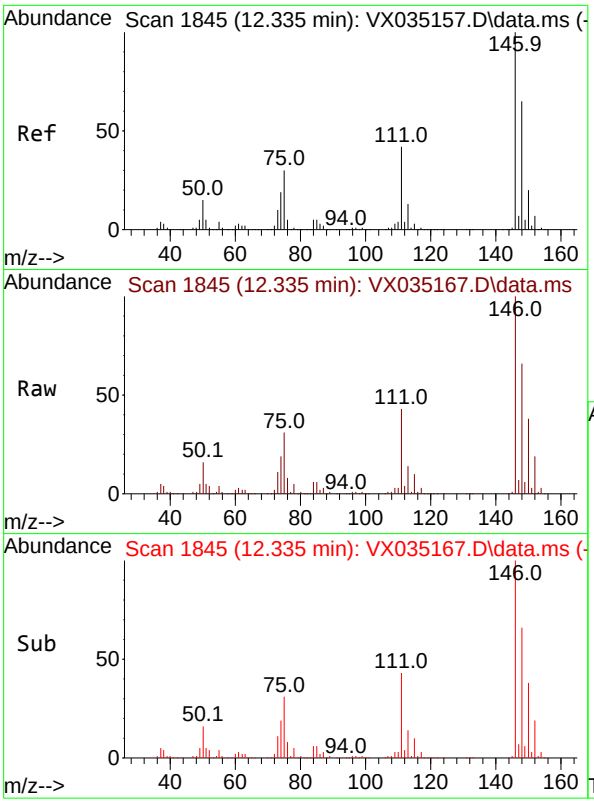


#65
1,4-Dichlorobenzene
Concen: 40.988 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035167.D
Acq: 19 Apr 2023 14:19

Tgt Ion:146 Resp: 257666

Ion	Ratio	Lower	Upper
146	100		
111	39.4	27.9	51.7
148	64.1	45.9	85.3



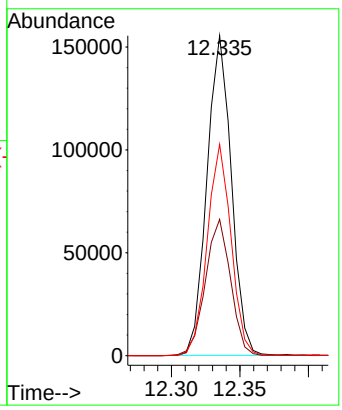


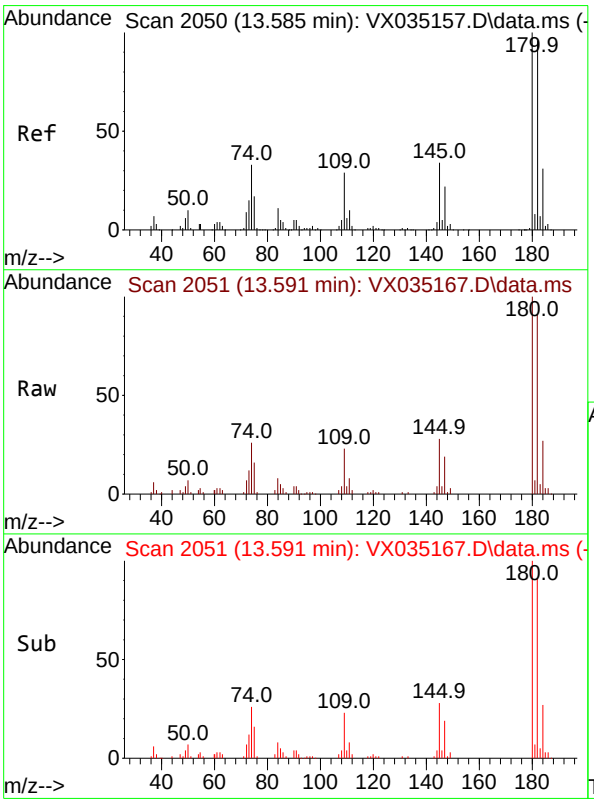
#67
1,2-Dichlorobenzene
Concen: 30.870 ug/L
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX035167.D
Acq: 19 Apr 2023 14:19

Instrument :
MSVOA_X
ClientSampleId :
C0ML8DL

Tgt Ion:146 Resp: 192296

Ion	Ratio	Lower	Upper
146	100		
111	42.6	34.7	52.1
148	66.1	52.1	78.1

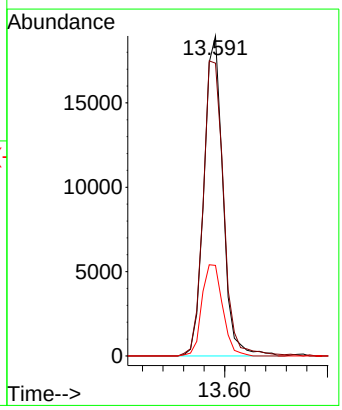


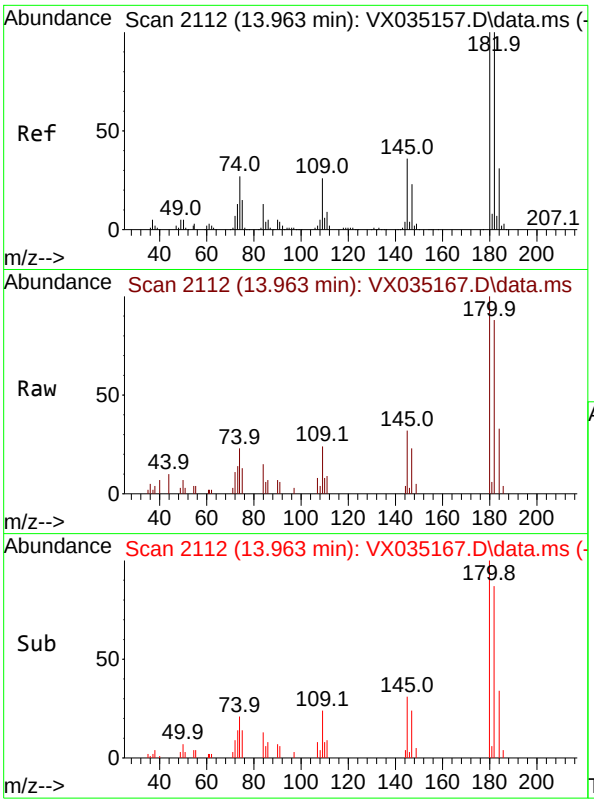


#70
1,2,4-trichlorobenzene
Concen: 6.814 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035167.D
Acq: 19 Apr 2023 14:19

Tgt Ion:180 Resp: 24232

Ion	Ratio	Lower	Upper
180	100		
182	99.9	76.6	114.8
145	31.3	26.2	39.4





#72
1,2,3-Trichlorobenzene
Concen: 1.048 ug/L
RT: 13.963 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035167.D
Acq: 19 Apr 2023 14:19

Instrument :
MSVOA_X
ClientSampleId :
C0ML8DL

Tgt Ion:180 Resp: 3680

Ion	Ratio	Lower	Upper
180	100		
182	99.0	75.0	112.6
145	36.2	27.1	40.7