Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
Data File : VU051229.D
Acq On : 07 Oct 2022 19:48
Operator : JC/MD
Sample : N4872-08DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXFX2DL

Quant Time: Oct 08 04:28:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 08 00:50:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	189911	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	203706	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76422	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	73893	4.824	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.400%			
7) Chloroethane-d5	1.909	69	67373	5.119	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.400%			
11) 1,1-Dichloroethene-d2	2.562	65	29201	4.822	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.400%			
20) 2-Butanone-d5	4.636	46	181542	53.826	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.660%			
24) Chloroform-d	5.060	84	140930	4.935	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.600%			
26) 1,2-Dichloroethane-d4	5.703	65	76792	5.214	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.200%			
32) Benzene-d6	5.726	84	259958	4.639	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.800%			
36) 1,2-Dichloropropane-d6	6.690	67	93373	4.906	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.200%			
41) Toluene-d8	7.896	98	205686	4.102	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.000%			
43) trans-1,3-Dichloroprop...	8.179	79	27616	4.417	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.400%			
46) 2-Hexanone-d5	8.636	63	96860	45.963	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.920%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	73187	4.814	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.200%			
66) 1,2-Dichlorobenzene-d4	12.192	152	71044	5.349	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.000%			
Target Compounds						Qvalue
16) Methylene chloride	3.044	84	10430	0.510	ug/L	94
51) Chlorobenzene	9.449	112	12403	0.288	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	32759	1.368	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	114220	4.840	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	155591	6.685	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	7179	0.612	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	3968	0.327	ug/L	98

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

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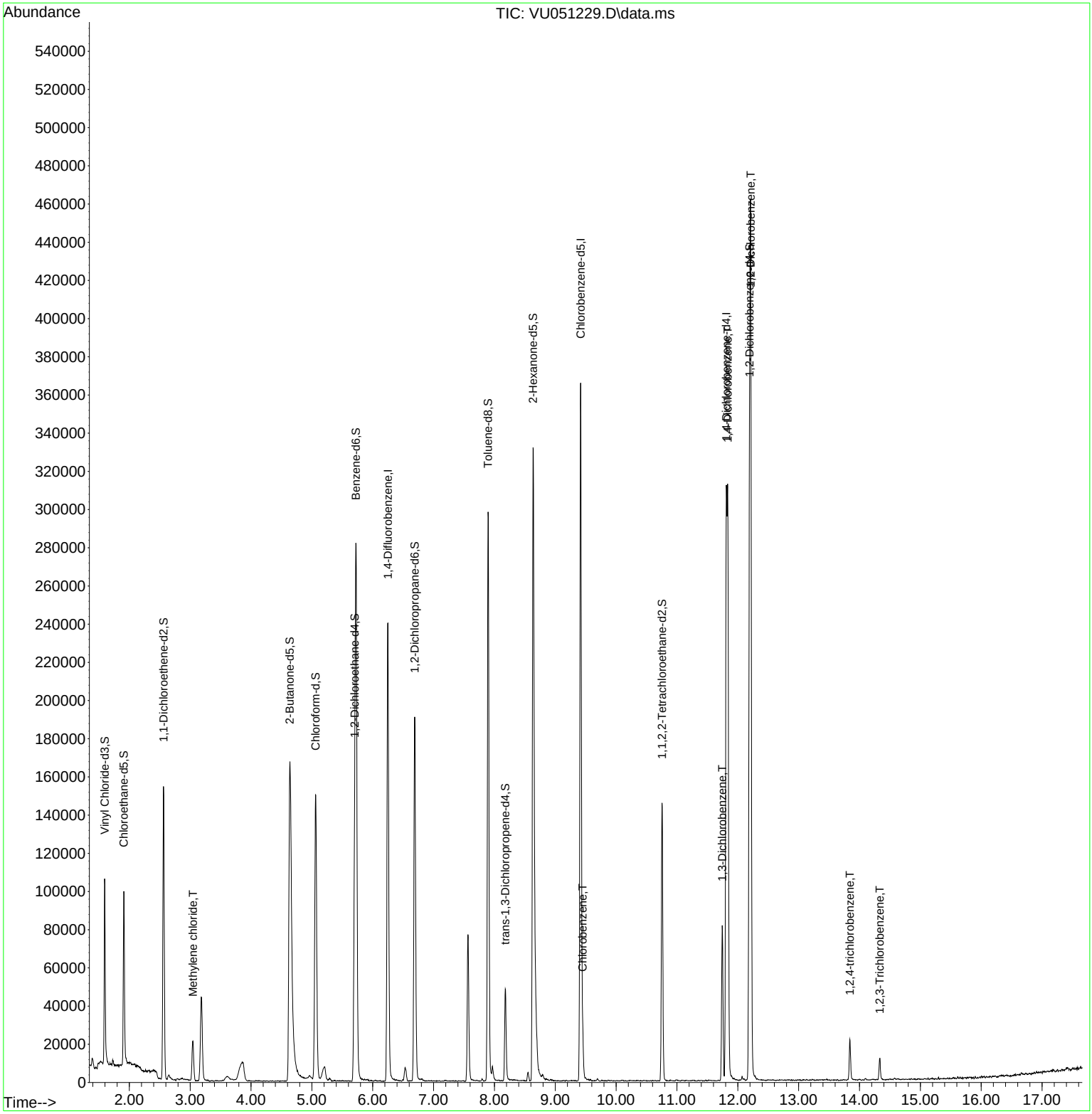
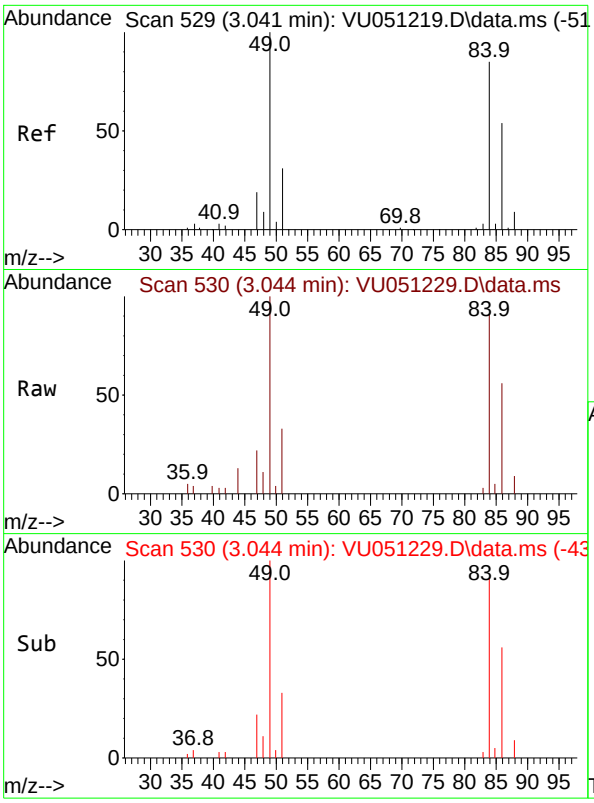


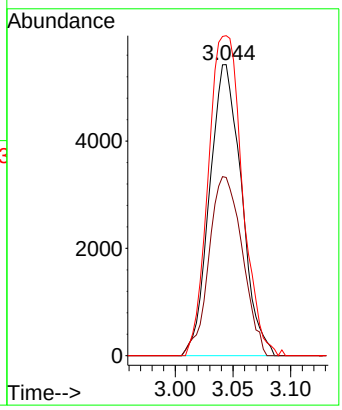


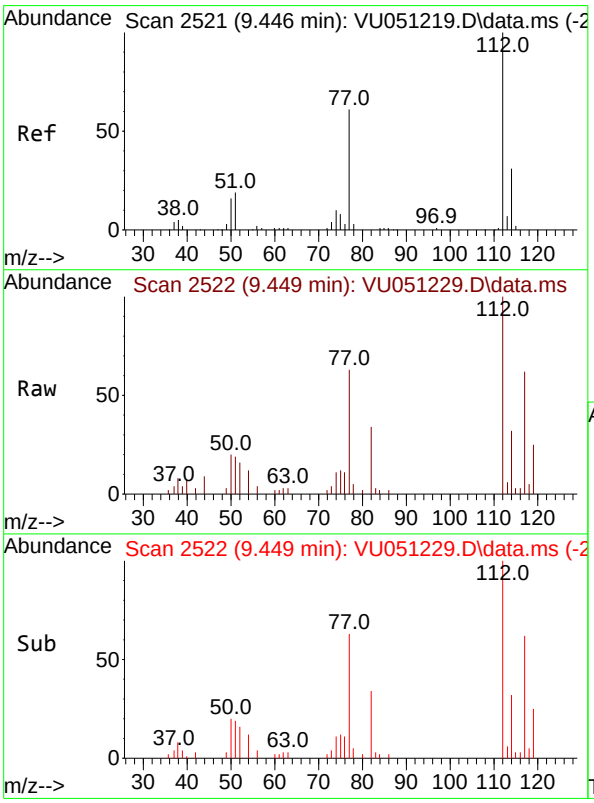
#16
Methylene chloride
Concen: 0.510 ug/L
RT: 3.044 min Scan# 5
Delta R.T. 0.003 min
Lab File: VU051229.D
Acq: 07 Oct 2022 19:48

Instrument :
MSVOA_U
ClientSampleId :
EXFX2DL

Tgt Ion: 84 Resp: 10430

Ion	Ratio	Lower	Upper
84	100		
86	61.2	46.5	86.3
49	109.9	81.3	151.1

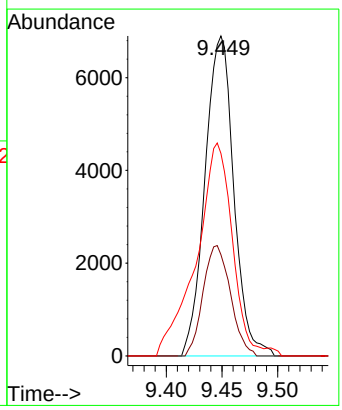


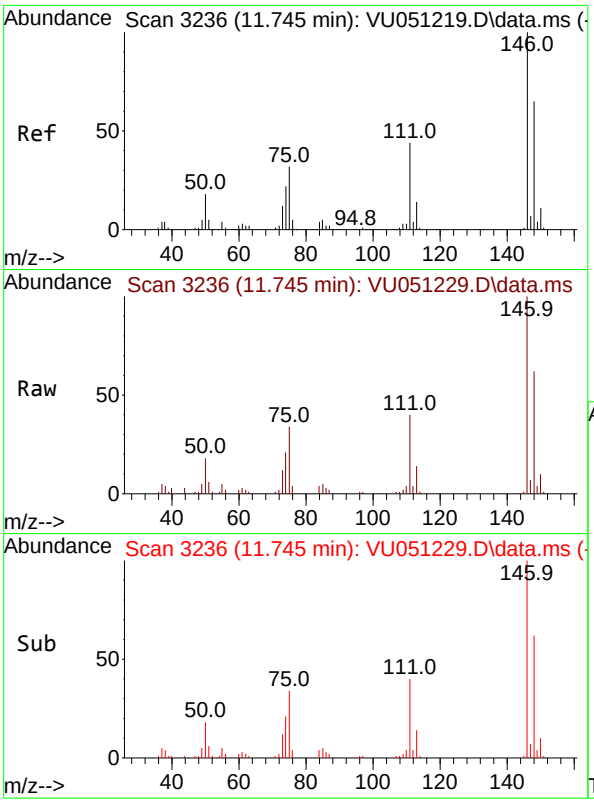


#51
Chlorobenzene
Concen: 0.288 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU051229.D
Acq: 07 Oct 2022 19:48

Tgt Ion:112 Resp: 12403

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.3	41.5
77	63.3	48.1	72.1



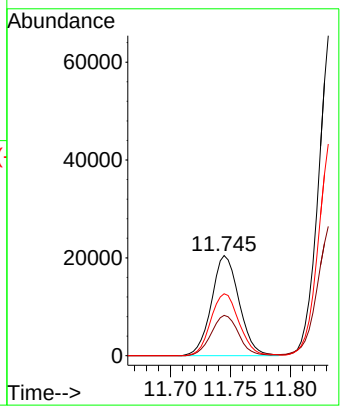


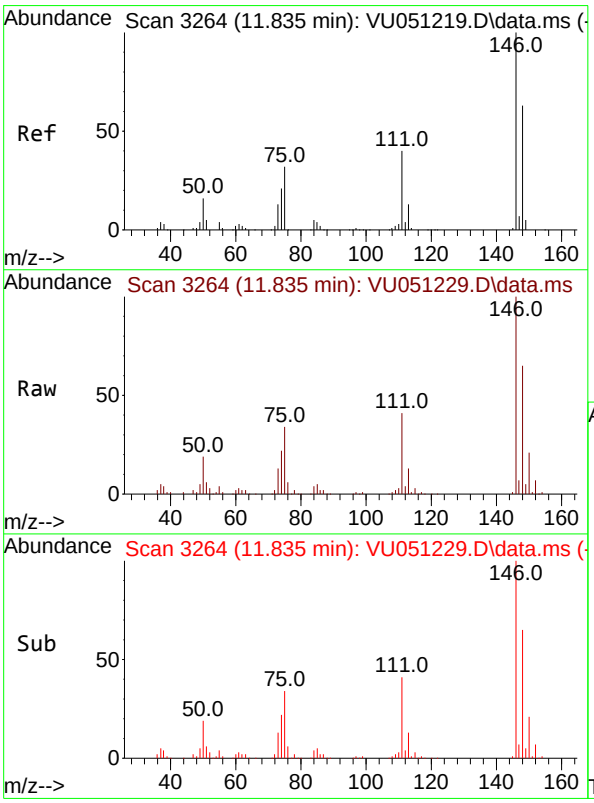
#64
1,3-Dichlorobenzene
Concen: 1.368 ug/L
RT: 11.745 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU051229.D
Acq: 07 Oct 2022 19:48

Instrument :
MSVOA_U
ClientSampleId :
EXFX2DL

Tgt Ion:146 Resp: 32759

Ion	Ratio	Lower	Upper
146	100		
111	40.2	28.3	52.7
148	61.9	43.8	81.4

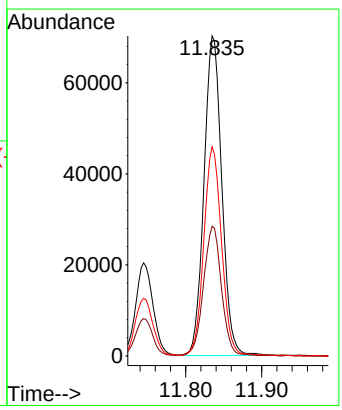


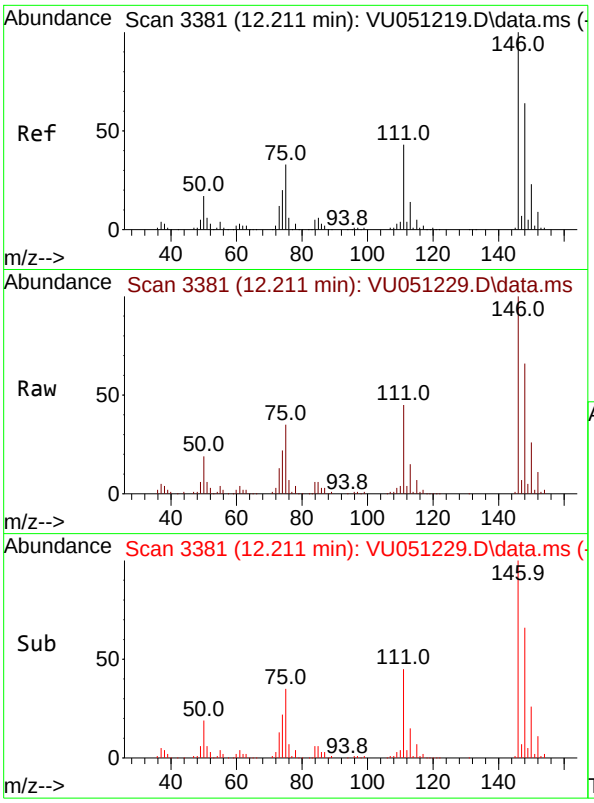


#65
1,4-Dichlorobenzene
Concen: 4.840 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051229.D
Acq: 07 Oct 2022 19:48

Tgt Ion:146 Resp: 114220

Ion	Ratio	Lower	Upper
146	100		
111	40.6	29.1	54.1
148	65.4	44.2	82.0



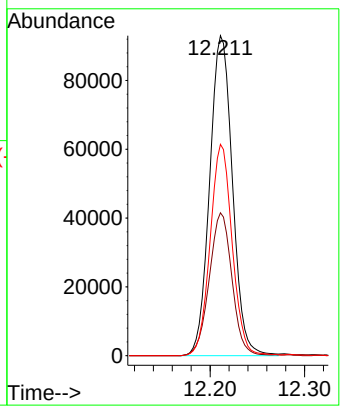


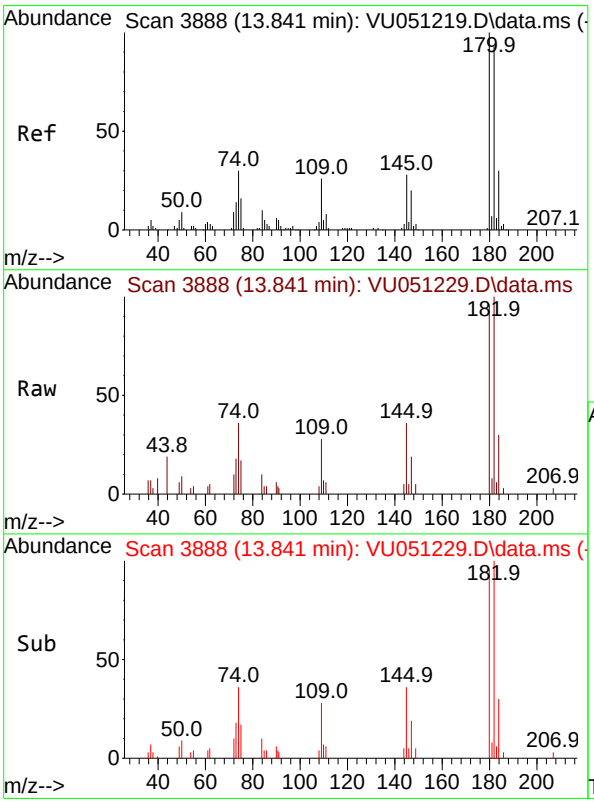
#67
1,2-Dichlorobenzene
Concen: 6.685 ug/L
RT: 12.211 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU051229.D
Acq: 07 Oct 2022 19:48

Instrument :
MSVOA_U
ClientSampleId :
EXFX2DL

Tgt Ion:146 Resp: 155591

Ion	Ratio	Lower	Upper
146	100		
111	44.7	35.5	53.3
148	66.0	50.9	76.3

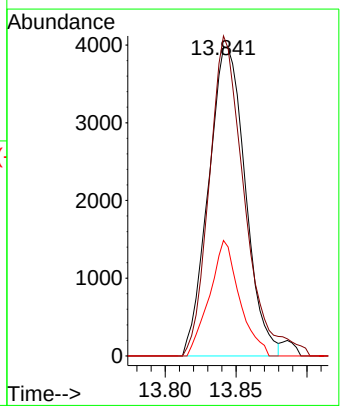


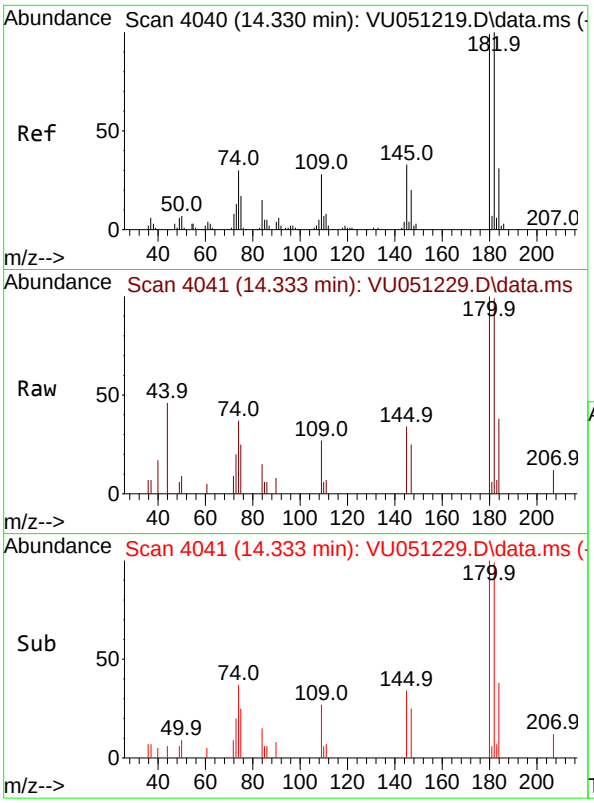


#70
1,2,4-trichlorobenzene
Concen: 0.612 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU051229.D
Acq: 07 Oct 2022 19:48

Tgt Ion:180 Resp: 7179

Ion	Ratio	Lower	Upper
180	100		
182	98.6	78.7	118.1
145	30.5	25.0	37.4





#72
1,2,3-Trichlorobenzene
Concen: 0.327 ug/L
RT: 14.333 min Scan# 4
Delta R.T. 0.003 min
Lab File: VU051229.D
Acq: 07 Oct 2022 19:48

Instrument :
MSVOA_U
ClientSampleId :
EXFX2DL

Tgt Ion:180 Resp: 3968

Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.6	114.8
145	30.1	25.8	38.8