Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041123\
Data File : VU053632.D
Acq On : 11 Apr 2023 14:00
Operator : JC/MD
Sample : 02251-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0MD3

Quant Time: Apr 12 02:24:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 12 02:22:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	252137	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	232108	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	118194	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	71712	36.526	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.060%			
7) Chloroethane-d5	1.909	69	63113	41.693	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.380%			
11) 1,1-Dichloroethene-d2	2.565	63	88196	29.020	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.040%#			
21) 2-Butanone-d5	4.610	46	90742	102.084	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.080%			
24) Chloroform-d	5.057	84	134732	41.495	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.000%			
26) 1,2-Dichloroethane-d4	5.697	65	87191	45.445	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.880%			
32) Benzene-d6	5.722	84	270428	43.163	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.320%			
36) 1,2-Dichloropropane-d6	6.687	67	87302	45.589	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.180%			
41) Toluene-d8	7.893	98	247498	39.745	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.500%#			
43) trans-1,3-Dichloroprop...	8.176	79	39210	39.666	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.340%			
47) 2-Hexanone-d5	8.626	63	67844	103.806	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.810%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	129006	47.796	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.600%			
66) 1,2-Dichlorobenzene-d4	12.188	152	101382	41.093	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.180%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1126	0.649	ug/L #	17
31) Carbon tetrachloride	5.517	117	2004	0.875	ug/L #	21
37) 1,2-Dichloropropane	6.681	63	8926	5.813	ug/L #	86
51) Chlorobenzene	9.443	112	8697	1.842	ug/L	91
64) 1,3-Dichlorobenzene	11.741	146	3390	0.928	ug/L	89
65) 1,4-Dichlorobenzene	11.835	146	16815	4.518	ug/L	93
67) 1,2-Dichlorobenzene	12.208	146	18051	4.960	ug/L	96
69) 1,3,5-Trichlorobenzene	13.838	180	6586	2.436	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	6586	2.627	ug/L	99

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

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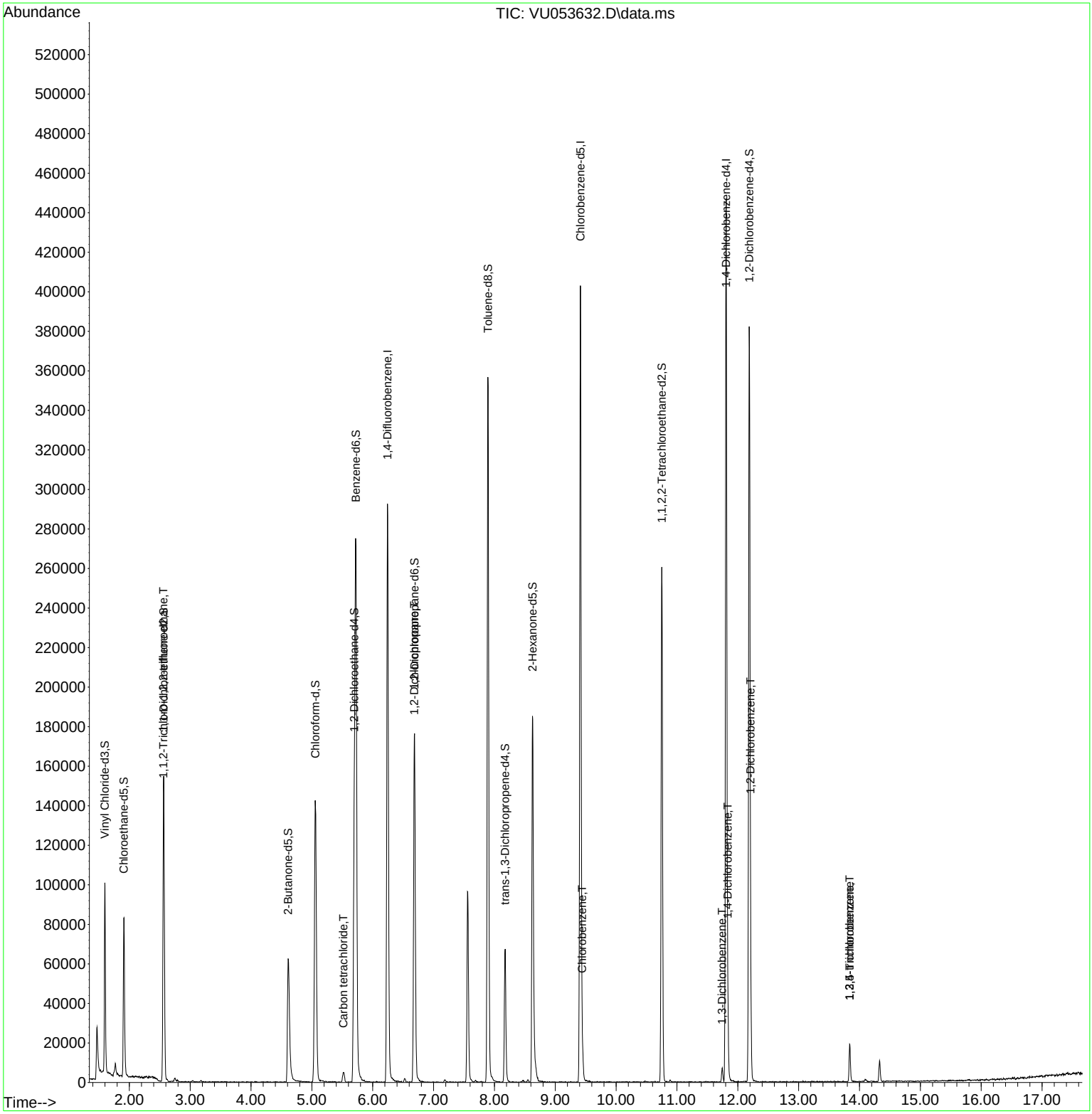
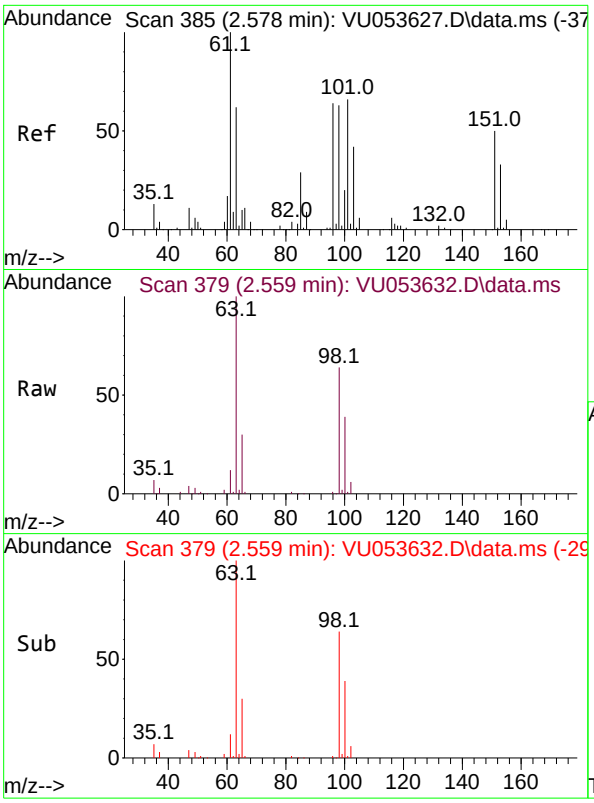
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 12 02:22:37 2023
Response via : Initial Calibration



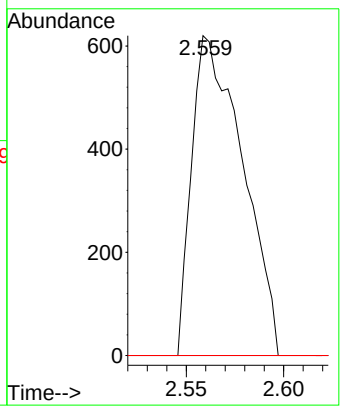


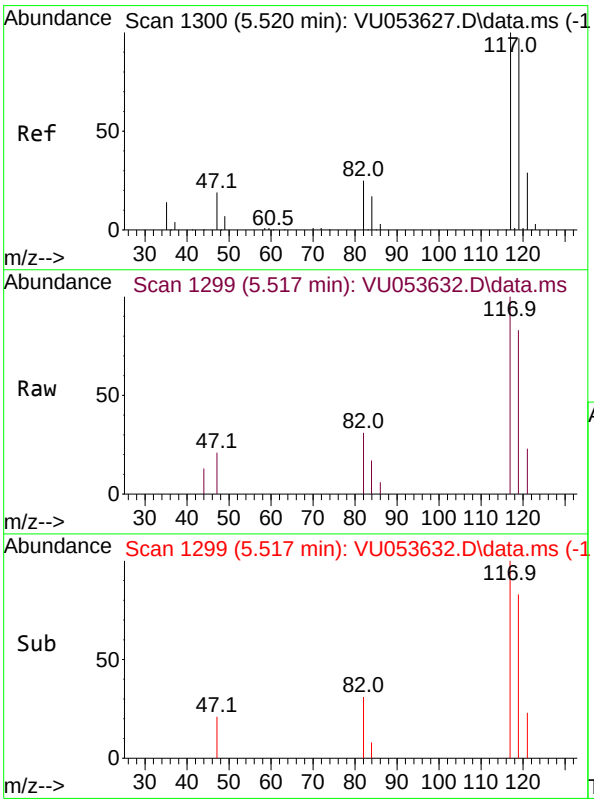
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.649 ug/L
RT: 2.559 min Scan# 3
Delta R.T. -0.019 min
Lab File: VU053632.D
Acq: 11 Apr 2023 14:00

Instrument :
MSVOA_U
ClientSampleId :
C0MD3

Tgt Ion:101 Resp: 1126

Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.6	48.8#
151	0.0	65.8	98.6#

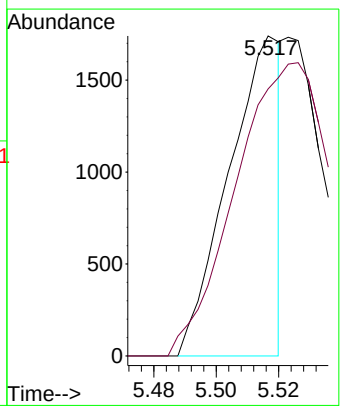


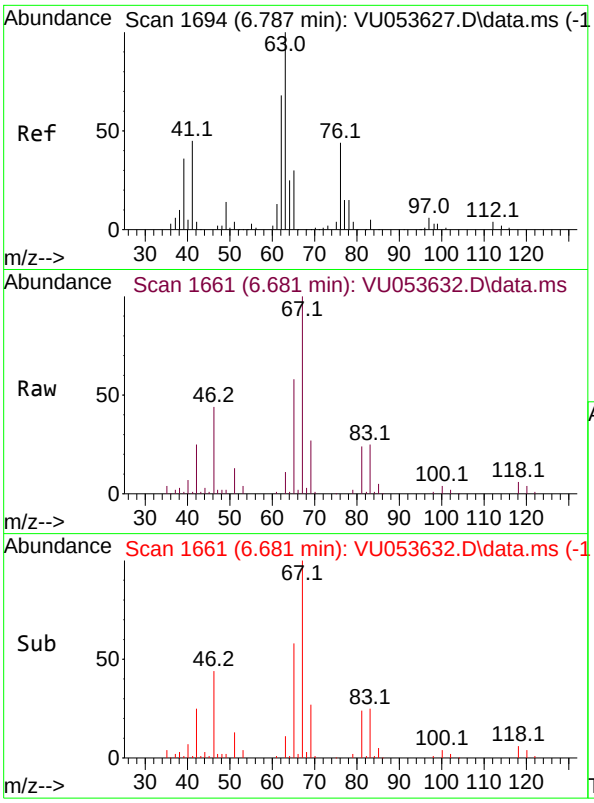


#31
Carbon tetrachloride
Concen: 0.875 ug/L
RT: 5.517 min Scan# 1299
Delta R.T. -0.003 min
Lab File: VU053632.D
Acq: 11 Apr 2023 14:00

Tgt Ion:117 Resp: 2004

Ion	Ratio	Lower	Upper
117	100		
119	173.5	76.9	115.3#



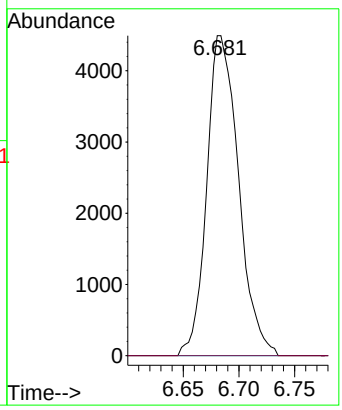


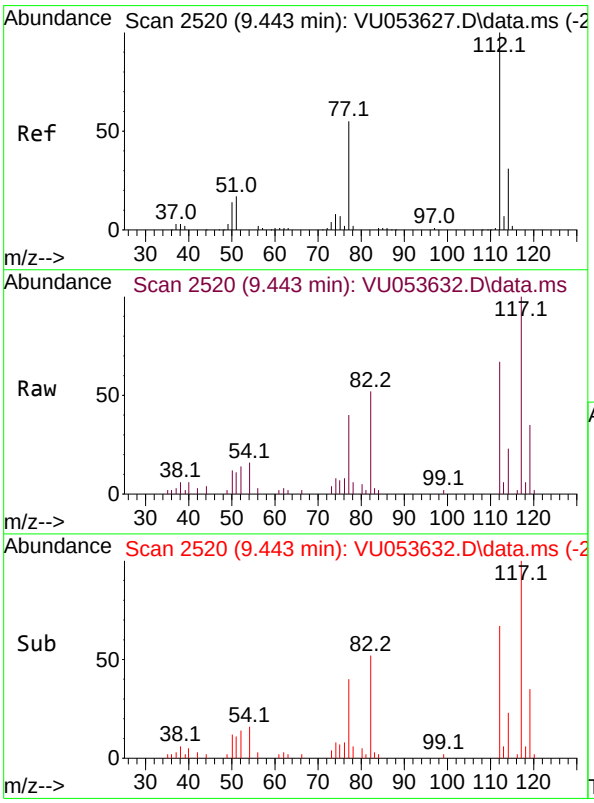
#37
1,2-Dichloropropane
Concen: 5.813 ug/L
RT: 6.681 min Scan# 1
Delta R.T. -0.106 min
Lab File: VU053632.D
Acq: 11 Apr 2023 14:00

Instrument :
MSVOA_U
ClientSampleId :
C0MD3

Tgt Ion: 63 Resp: 8926

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

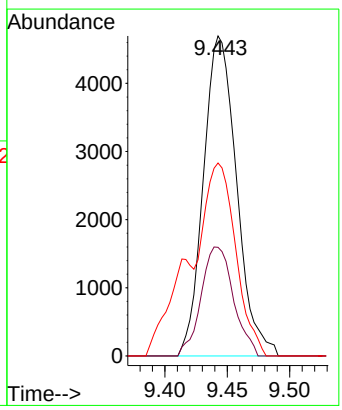


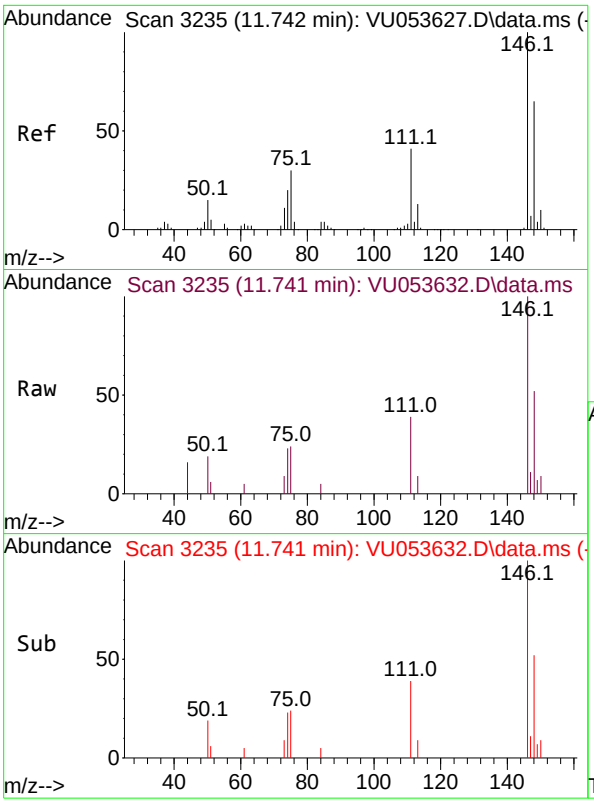


#51
Chlorobenzene
Concen: 1.842 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053632.D
Acq: 11 Apr 2023 14:00

Tgt Ion:112 Resp: 8697

Ion	Ratio	Lower	Upper
112	100		
114	33.9	22.2	41.2
77	60.3	41.3	61.9



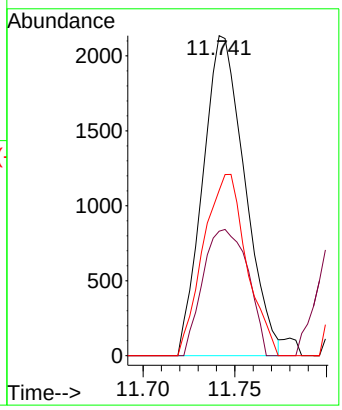


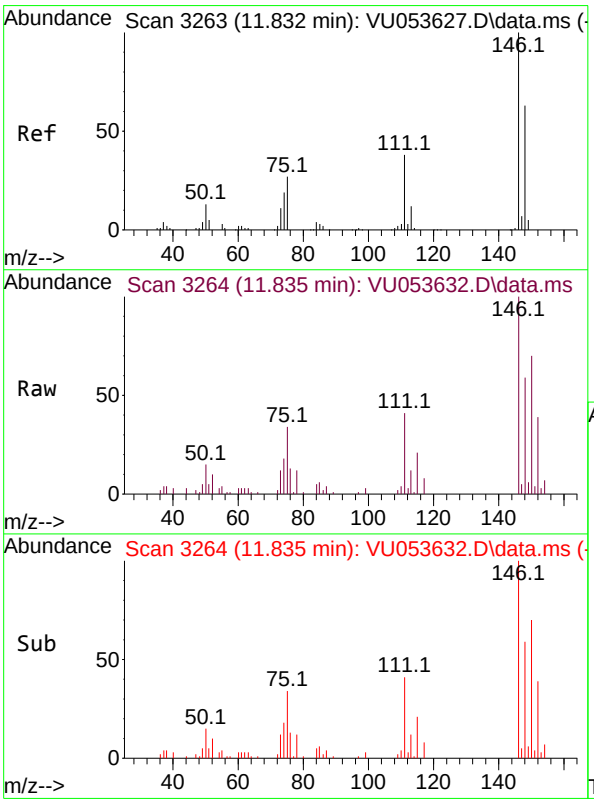
#64
1,3-Dichlorobenzene
Concen: 0.928 ug/L
RT: 11.741 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU053632.D
Acq: 11 Apr 2023 14:00

Instrument :
MSVOA_U
ClientSampleId :
C0MD3

Tgt Ion:146 Resp: 3390

Ion	Ratio	Lower	Upper
146	100		
111	38.9	25.7	47.7
148	51.7	44.2	82.2

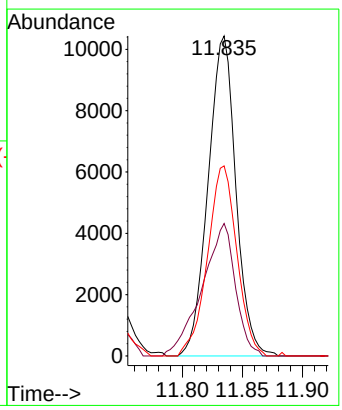


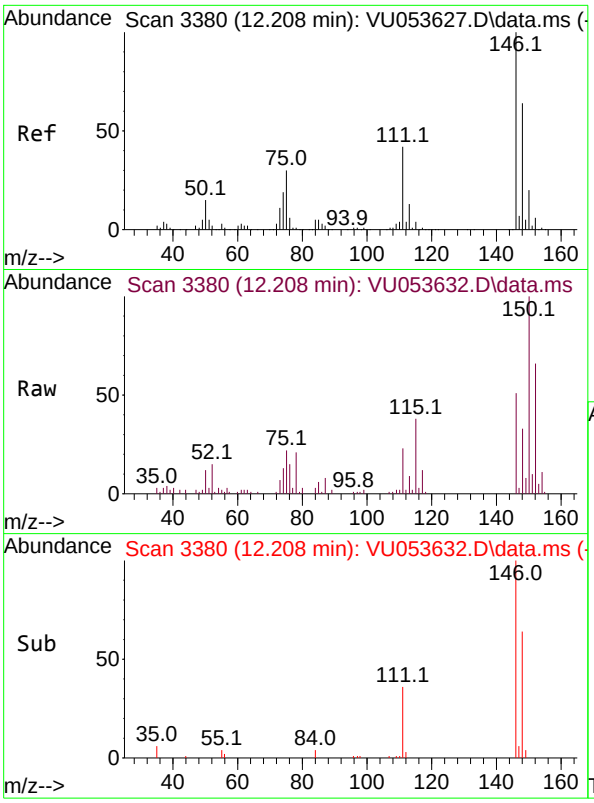


#65
1,4-Dichlorobenzene
Concen: 4.518 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU053632.D
Acq: 11 Apr 2023 14:00

Tgt Ion:146 Resp: 16815

Ion	Ratio	Lower	Upper
146	100		
111	41.4	25.1	46.5
148	59.4	44.3	82.3



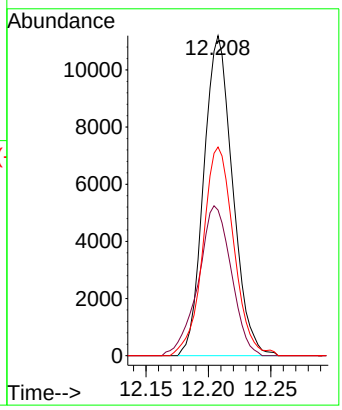


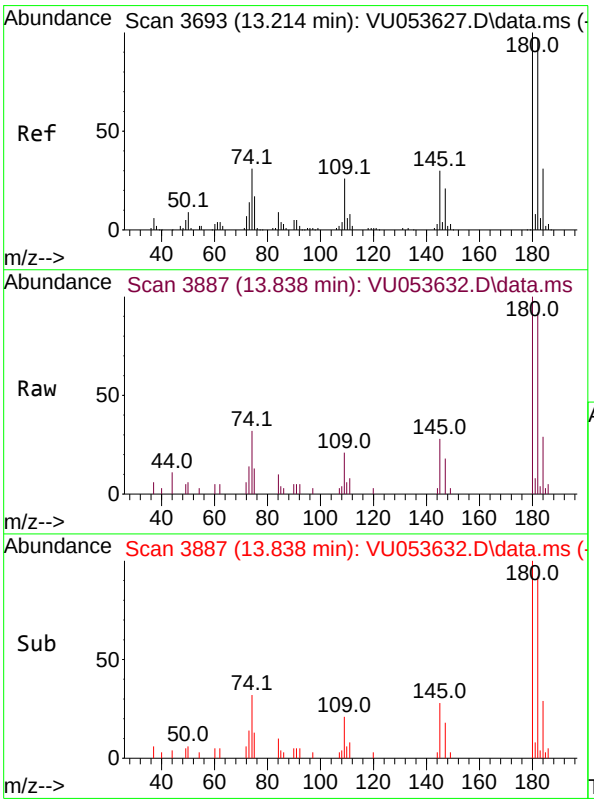
#67
1,2-Dichlorobenzene
Concen: 4.960 ug/L
RT: 12.208 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU053632.D
Acq: 11 Apr 2023 14:00

Instrument :
MSVOA_U
ClientSampleId :
C0MD3

Tgt Ion:146 Resp: 18051

Ion	Ratio	Lower	Upper
146	100		
111	45.5	31.5	47.3
148	65.2	51.6	77.4

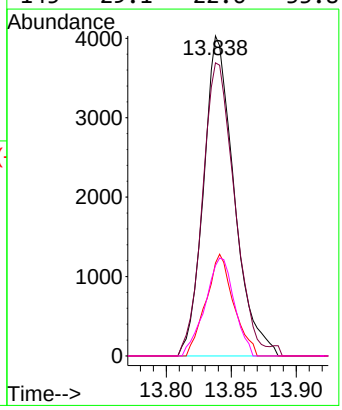


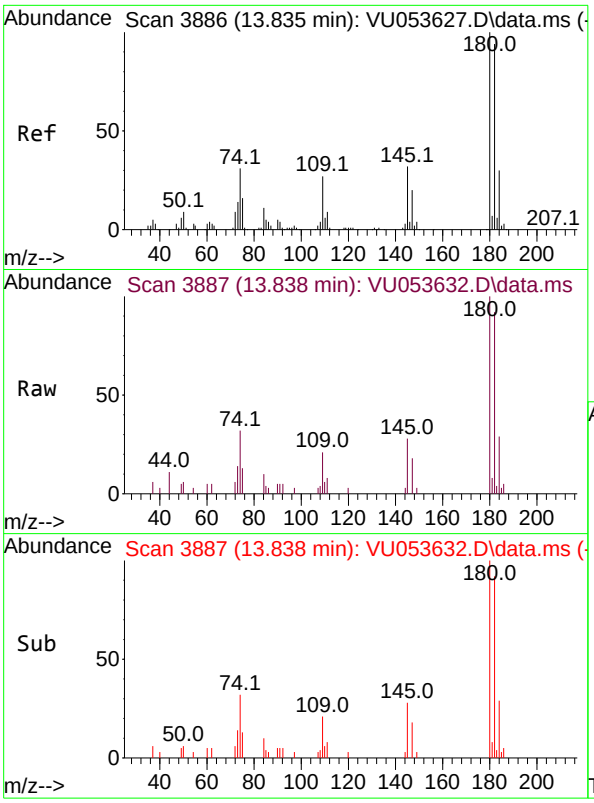


#69
1,3,5-Trichlorobenzene
Concen: 2.436 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.624 min
Lab File: VU053632.D
Acq: 11 Apr 2023 14:00

Tgt Ion:180 Resp: 6586

Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.6	113.4
184	28.7	24.2	36.2
145	29.1	22.6	33.8





#70
1,2,4-trichlorobenzene
Concen: 2.627 ug/L
RT: 13.838 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU053632.D
Acq: 11 Apr 2023 14:00

Instrument :
MSVOA_U
ClientSampleId :
C0MD3

Tgt Ion:180 Resp: 6586

Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.8
145	29.1	23.4	35.2