Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
Data File : VU048064.D
Acq On : 14 Apr 2022 17:30
Operator : SY/MD
Sample : N2387-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J72

Quant Time: Apr 15 02:28:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 15 02:23:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	304115	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	325645	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	165864	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	88997	40.355	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.720%			
7) Chloroethane-d5	1.915	69	83291	47.898	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.800%			
11) 1,1-Dichloroethene-d2	2.568	63	119780	29.686	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.380%#			
21) 2-Butanone-d5	4.623	46	194118	102.551	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.550%			
24) Chloroform-d	5.066	84	193315	47.907	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.820%			
26) 1,2-Dichloroethane-d4	5.703	65	128431	51.894	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.780%			
32) Benzene-d6	5.729	84	379468	46.310	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.620%			
36) 1,2-Dichloropropane-d6	6.693	67	127882	50.818	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.640%			
41) Toluene-d8	7.899	98	324631	40.663	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 81.320%			
43) trans-1,3-Dichloroprop...	8.179	79	52848	41.452	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.900%			
47) 2-Hexanone-d5	8.632	63	131597	89.330	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.330%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	206504	47.816	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.640%			
66) 1,2-Dichlorobenzene-d4	12.195	152	147005	49.817	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.640%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1138	0.508	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1004	0.481	ug/L #	1
37) 1,2-Dichloropropane	6.693	63	13025	5.436	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	3267	0.879	ug/L #	47
51) Chlorobenzene	9.449	112	4539	0.646	ug/L #	84
65) 1,4-Dichlorobenzene	11.838	146	9591	1.858	ug/L	92
67) 1,2-Dichlorobenzene	12.214	146	36536	7.329	ug/L	97
69) 1,3,5-Trichlorobenzene	13.844	180	25085	6.199	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	25085	7.078	ug/L	99

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

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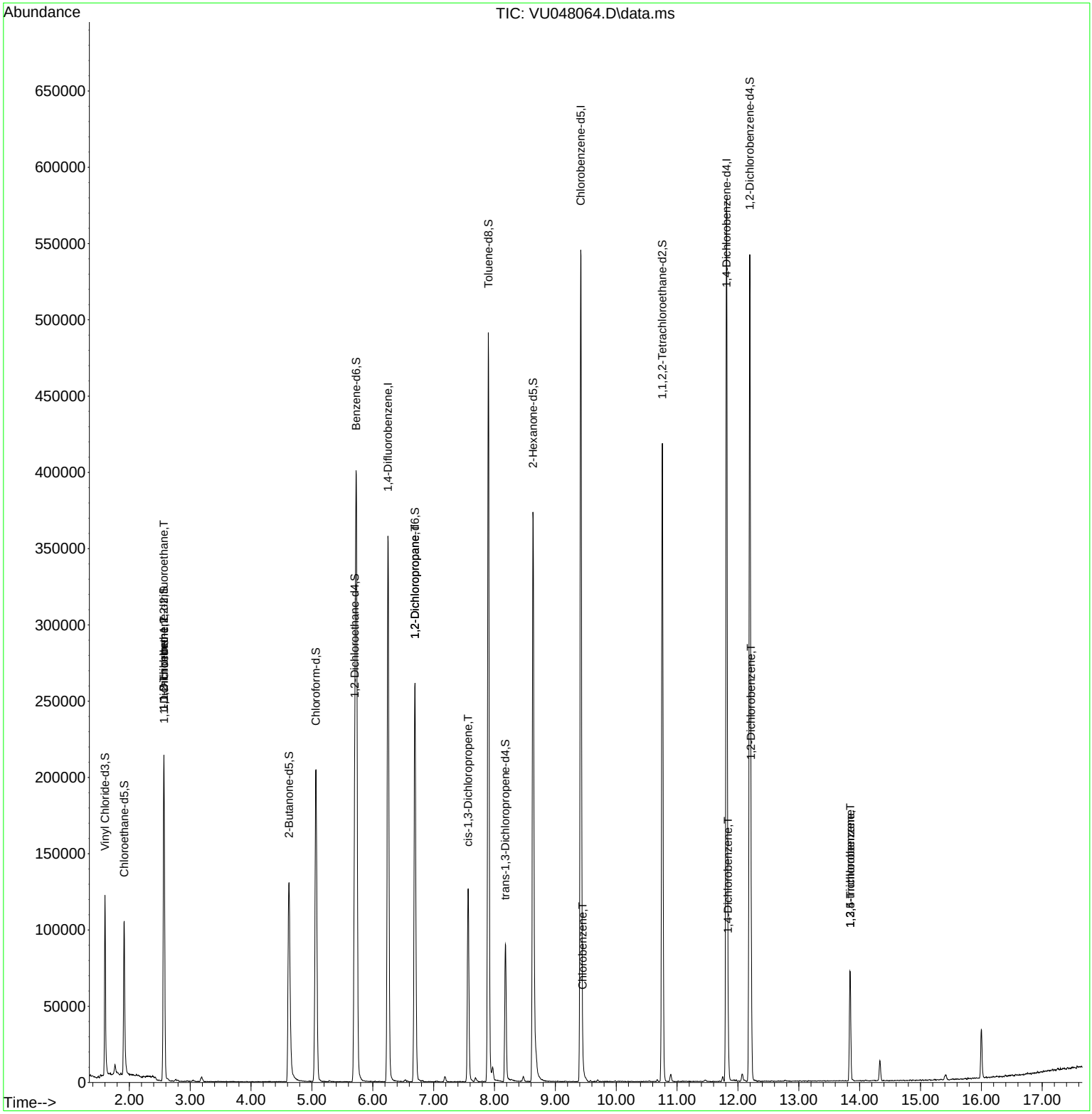
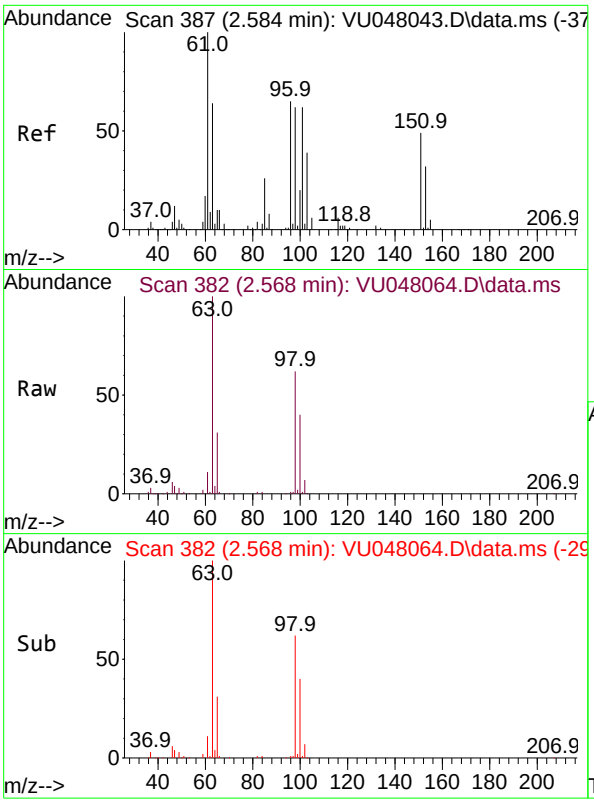


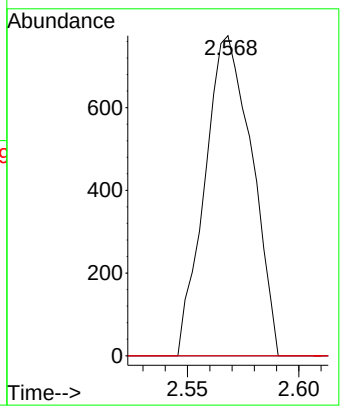


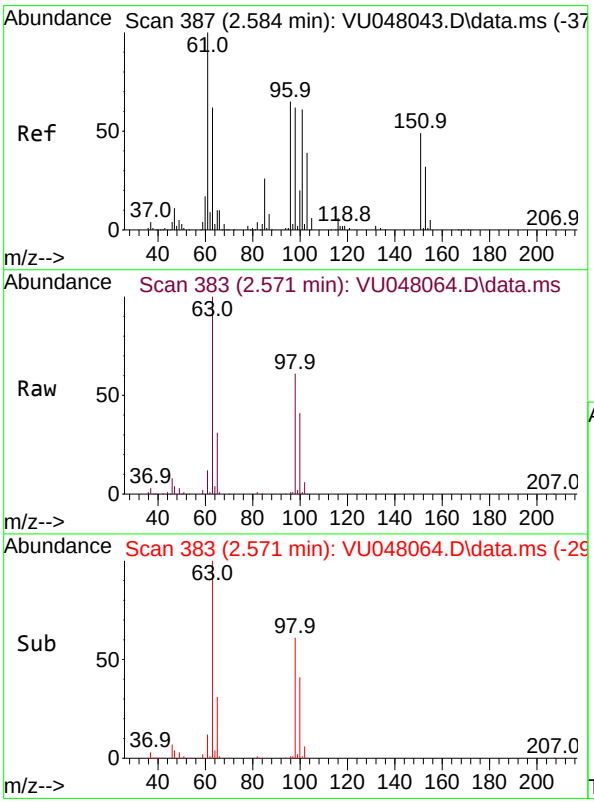
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.508 ug/L
RT: 2.568 min Scan# 3
Delta R.T. -0.016 min
Lab File: VU048064.D
Acq: 14 Apr 2022 17:30

Instrument :
MSVOA_U
ClientSampleId :
C0J72

Tgt Ion:101 Resp: 1138

Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.8	49.2#
151	0.0	63.0	94.6#

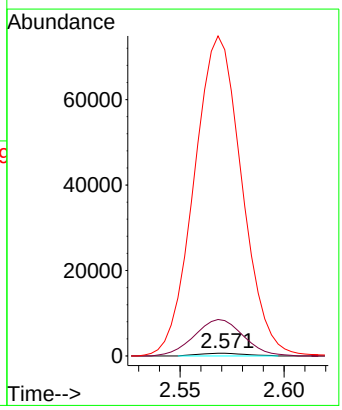


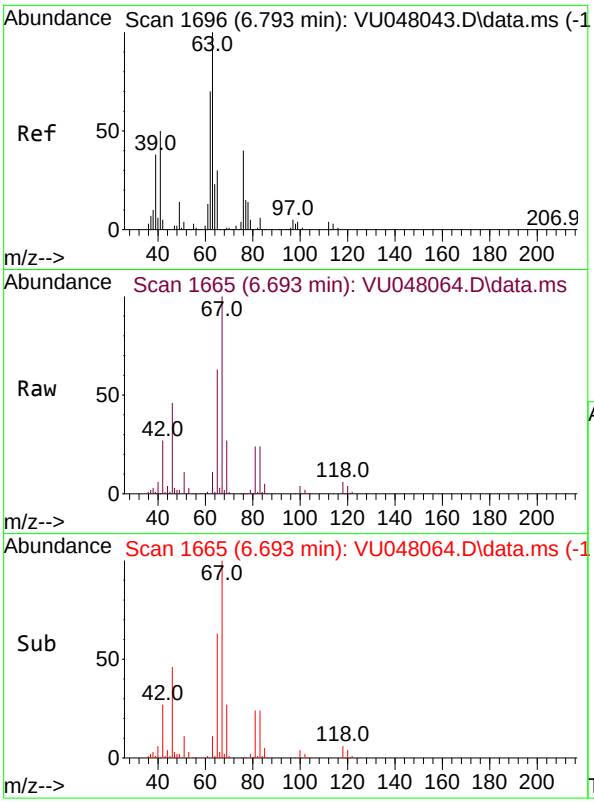


#12
1,1-Dichloroethene
Concen: 0.481 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU048064.D
Acq: 14 Apr 2022 17:30

Tgt Ion: 96 Resp: 1004

Ion	Ratio	Lower	Upper
96	100		
61	1288.0	113.1	210.1#
63	11162.6	94.8	176.0#



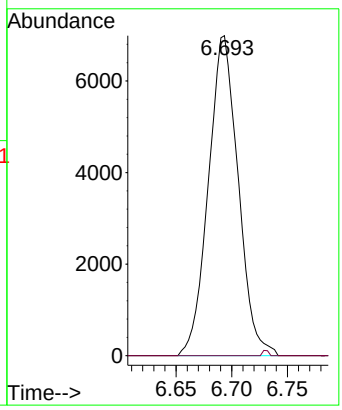


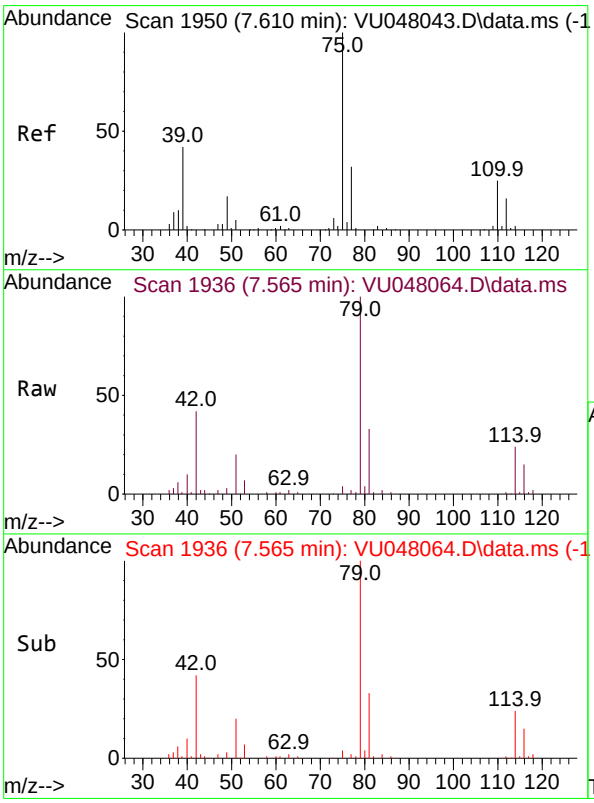
#37
1,2-Dichloropropane
Concen: 5.436 ug/L
RT: 6.693 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU048064.D
Acq: 14 Apr 2022 17:30

Instrument :
MSVOA_U
ClientSampleId :
C0J72

Tgt Ion: 63 Resp: 13025

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.4	5.2#

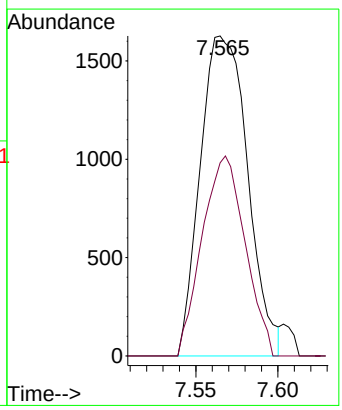


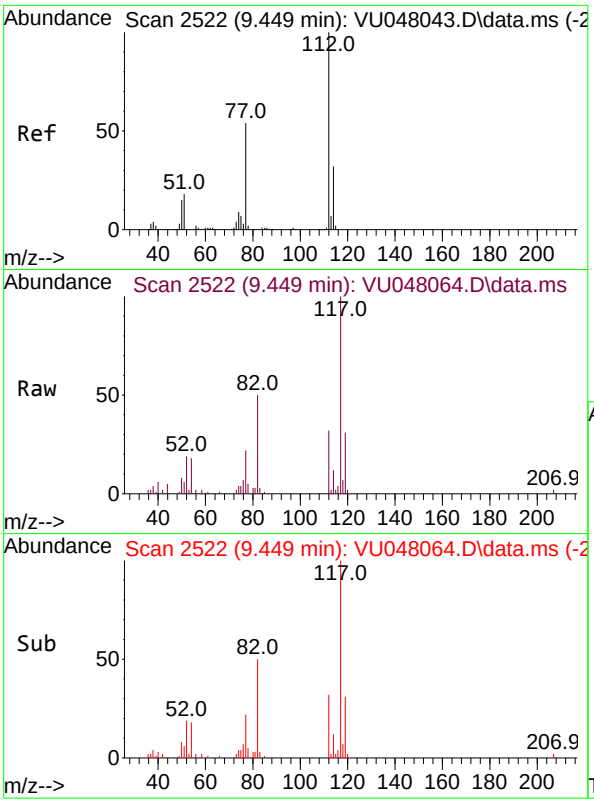


#39
cis-1,3-Dichloropropene
Concen: 0.879 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.045 min
Lab File: VU048064.D
Acq: 14 Apr 2022 17:30

Tgt Ion: 75 Resp: 3267

Ion	Ratio	Lower	Upper
75	100		
77	60.4	21.8	40.6#



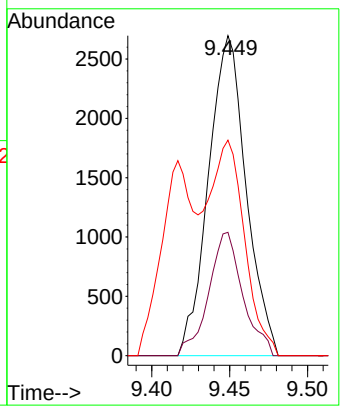


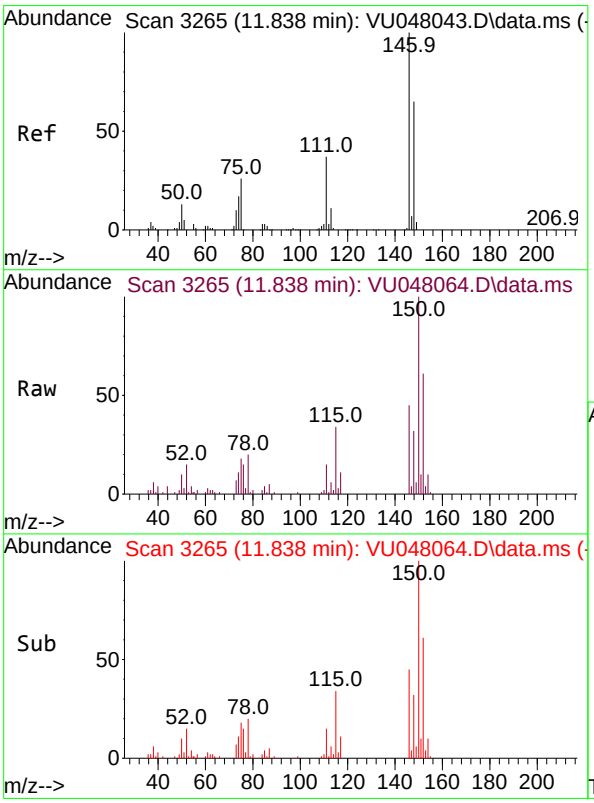
#51
Chlorobenzene
Concen: 0.646 ug/L
RT: 9.449 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU048064.D
Acq: 14 Apr 2022 17:30

Instrument :
MSVOA_U
ClientSampleId :
C0J72

Tgt Ion:112 Resp: 4539

Ion	Ratio	Lower	Upper
112	100		
114	38.6	22.1	41.1
77	67.3	43.4	65.0#

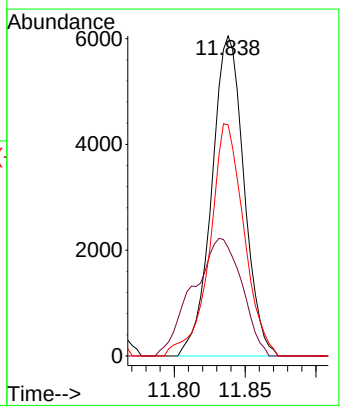


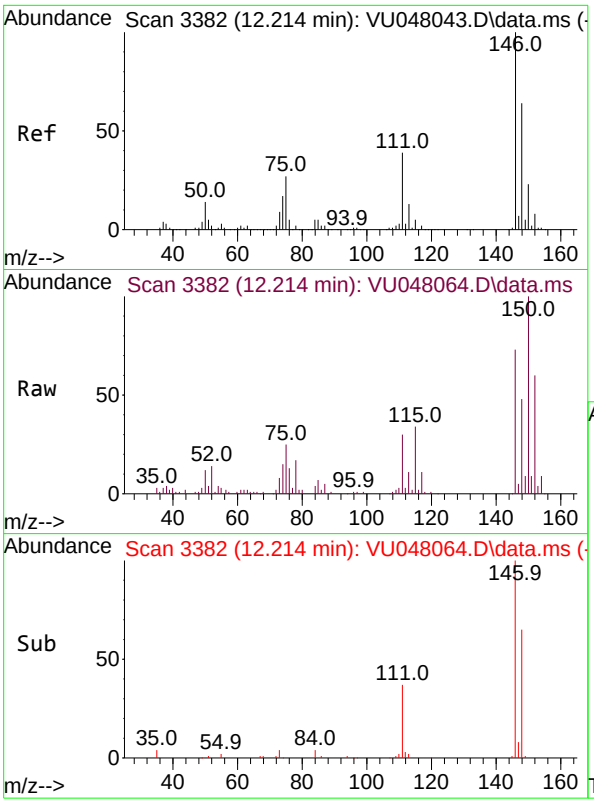


#65
1,4-Dichlorobenzene
Concen: 1.858 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048064.D
Acq: 14 Apr 2022 17:30

Tgt Ion:146 Resp: 9591

Ion	Ratio	Lower	Upper
146	100		
111	33.9	25.3	47.1
148	72.2	44.5	82.7



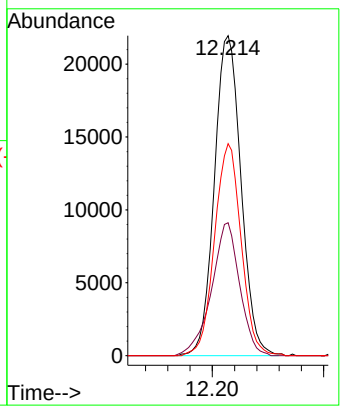


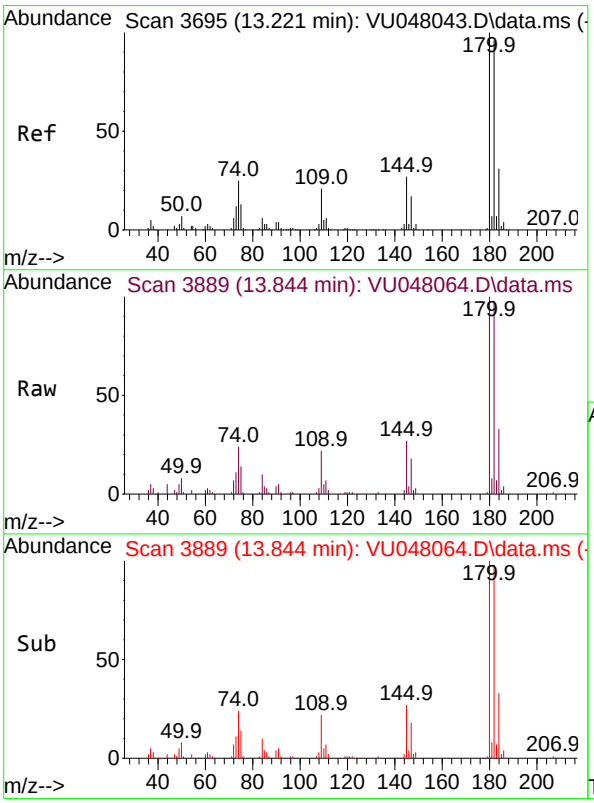
#67
1,2-Dichlorobenzene
Concen: 7.329 ug/L
RT: 12.214 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU048064.D
Acq: 14 Apr 2022 17:30

Instrument :
MSVOA_U
ClientSampleId :
C0J72

Tgt Ion:146 Resp: 36536

Ion	Ratio	Lower	Upper
146	100		
111	41.6	31.7	47.5
148	66.3	51.4	77.2

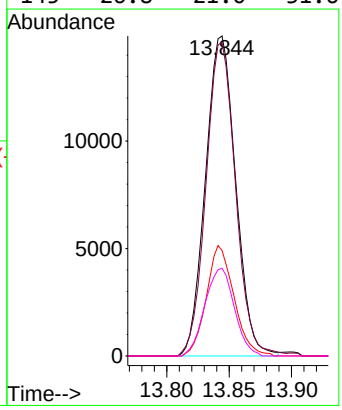


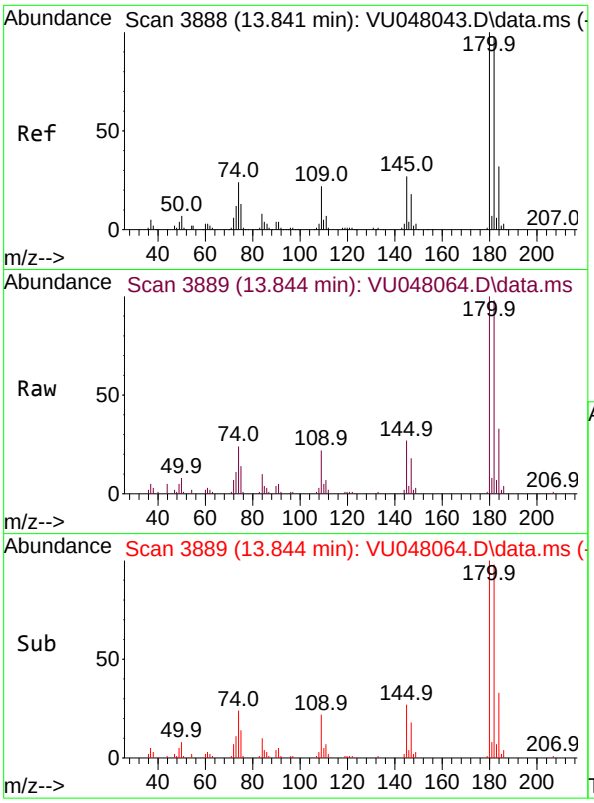


#69
1,3,5-Trichlorobenzene
Concen: 6.199 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.624 min
Lab File: VU048064.D
Acq: 14 Apr 2022 17:30

Tgt Ion:180 Resp: 25085

Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.0	115.6
184	31.6	24.5	36.7
145	26.8	21.0	31.6





#70
1,2,4-trichlorobenzene
Concen: 7.078 ug/L
RT: 13.844 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU048064.D
Acq: 14 Apr 2022 17:30

Instrument :
MSVOA_U
ClientSampleId :
C0J72

Tgt Ion:180 Resp: 25085

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.2	114.2
145	26.8	21.8	32.8