Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
Data File : VU048208.D
Acq On : 22 Apr 2022 06:46
Operator : SY/MD
Sample : N2488-10 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0HZ2

Quant Time: Apr 22 07:43:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 22 02:51:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	295310	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	296849	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	148023	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	81835	38.214	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.420%			
7) Chloroethane-d5	1.915	69	73181	43.339	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.680%			
11) 1,1-Dichloroethene-d2	2.568	63	106248	27.118	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 54.240%#			
21) 2-Butanone-d5	4.620	46	190066	103.404	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.400%			
24) Chloroform-d	5.066	84	179711	45.864	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.720%			
26) 1,2-Dichloroethane-d4	5.703	65	115469	48.048	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.100%			
32) Benzene-d6	5.729	84	348269	46.625	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.260%			
36) 1,2-Dichloropropane-d6	6.693	67	122418	53.365	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.740%			
41) Toluene-d8	7.899	98	276908	38.050	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 76.100%#			
43) trans-1,3-Dichloroprop...	8.179	79	45970	39.555	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.120%			
47) 2-Hexanone-d5	8.632	63	122459	91.191	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.190%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	195140	49.568	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.140%			
66) 1,2-Dichlorobenzene-d4	11.867	152	71	0.027	ug/L	-0.33
Spiked Amount 50.000	Range 80 - 120		Recovery = 0.060%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1023	0.470	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	743	0.367	ug/L #	1
27) 1,2-Dichloroethane	5.777	62	7680	2.450	ug/L #	75
31) Carbon tetrachloride	5.533	117	3516	1.157	ug/L	97
33) Benzene	5.777	78	936889	109.037	ug/L	100
37) 1,2-Dichloropropane	6.690	63	11905	5.450	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2797	0.825	ug/L #	68
51) Chlorobenzene	9.449	112	2849069	445.067	ug/L	98
60) 1,2,3-Trichloropropane	11.745	75	33950	12.166	ug/L #	50
64) 1,3-Dichlorobenzene	11.745	146	128801	28.967	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	1167286	253.445	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	1226614	275.696	ug/L	100
69) 1,3,5-Trichlorobenzene	13.841	180	237189	65.681	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	237189	74.987	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	65983	20.809	ug/L	99

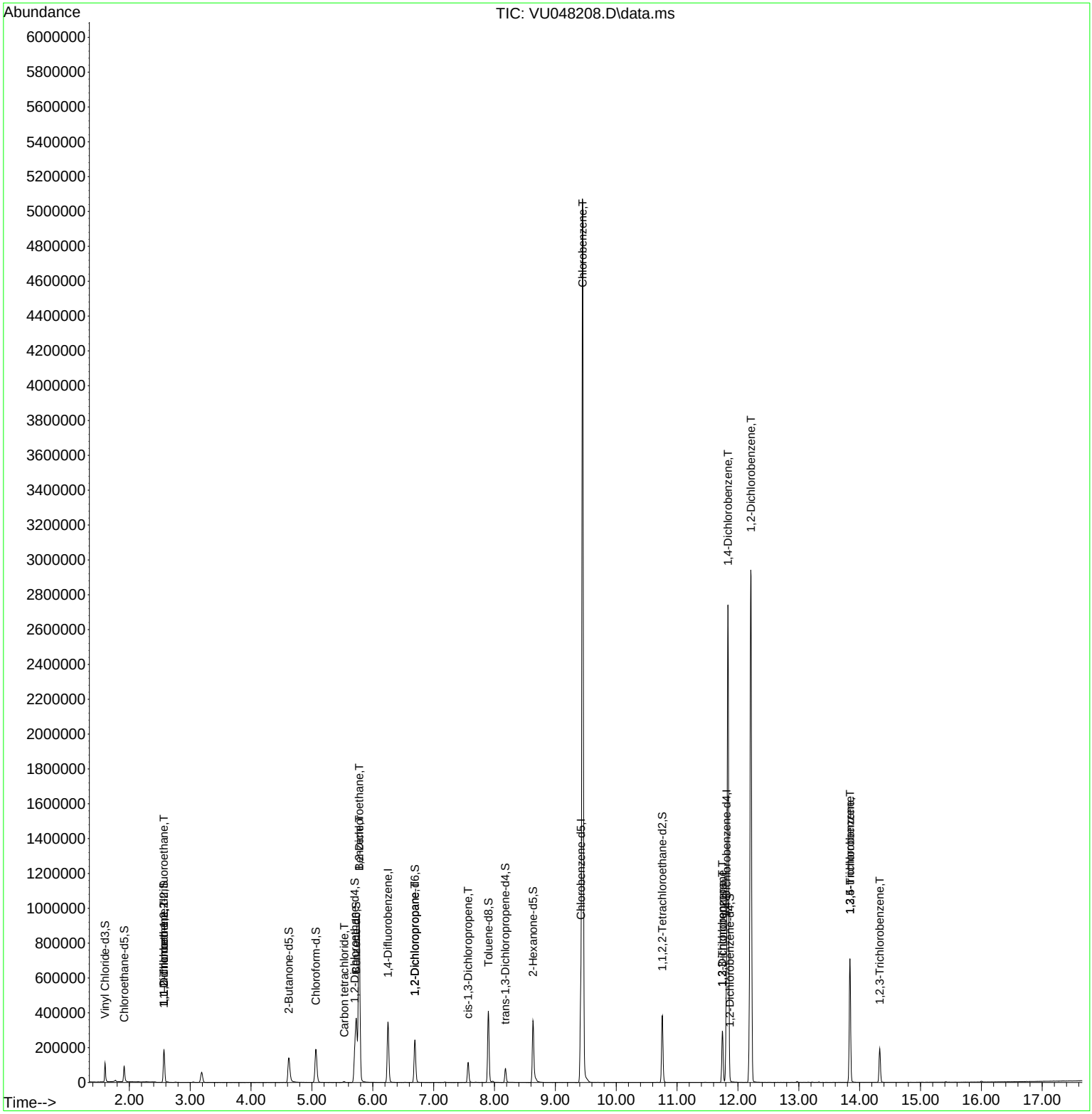
(#) = qualifier out of range (m) = manual integration (+) = signals summed

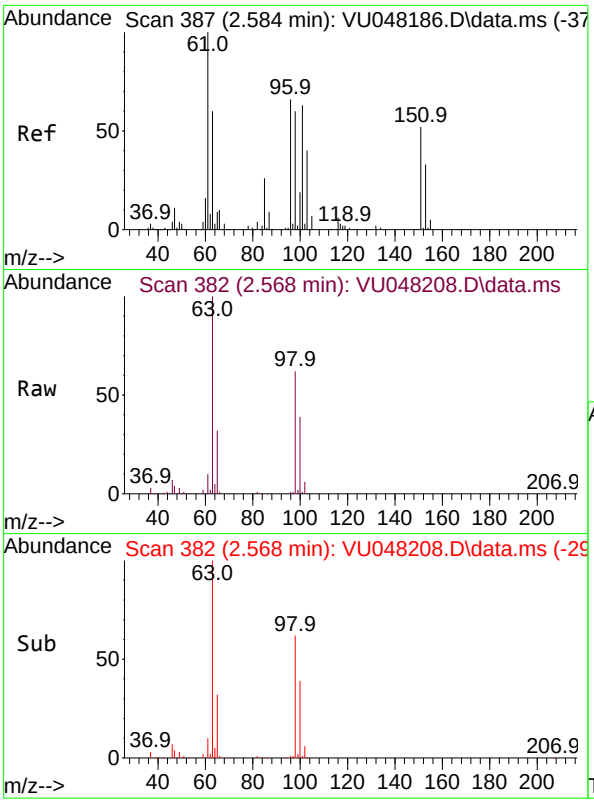
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
Data File : VU048208.D
Acq On : 22 Apr 2022 06:46
Operator : SY/MD
Sample : N2488-10 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0HZ2

Quant Time: Apr 22 07:43:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 22 02:51:38 2022
Response via : Initial Calibration



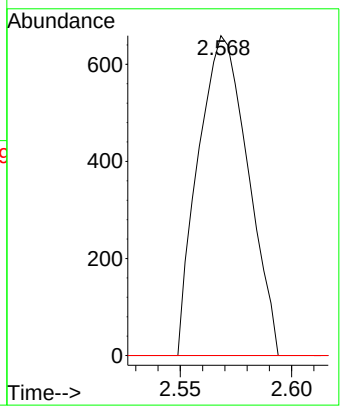


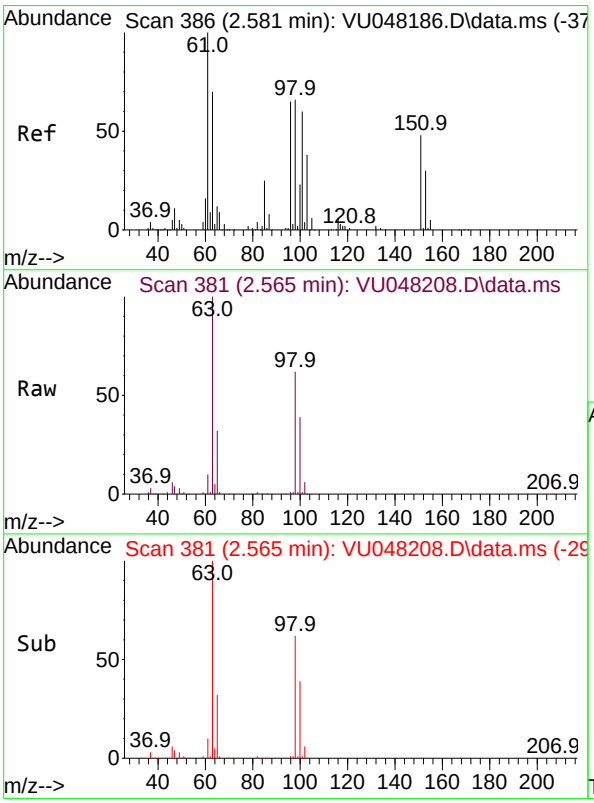
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.470 ug/L
RT: 2.568 min Scan# 3
Delta R.T. -0.016 min
Lab File: VU048208.D
Acq: 22 Apr 2022 06:46

Instrument :
MSVOA_V
ClientSampleId :
C0HZ2

Tgt Ion:101 Resp: 1023

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

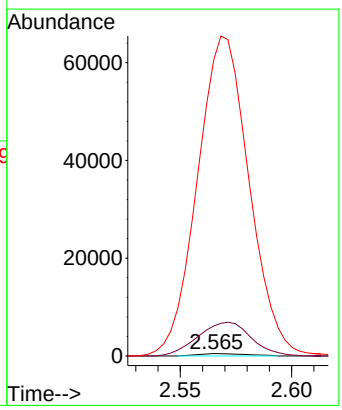


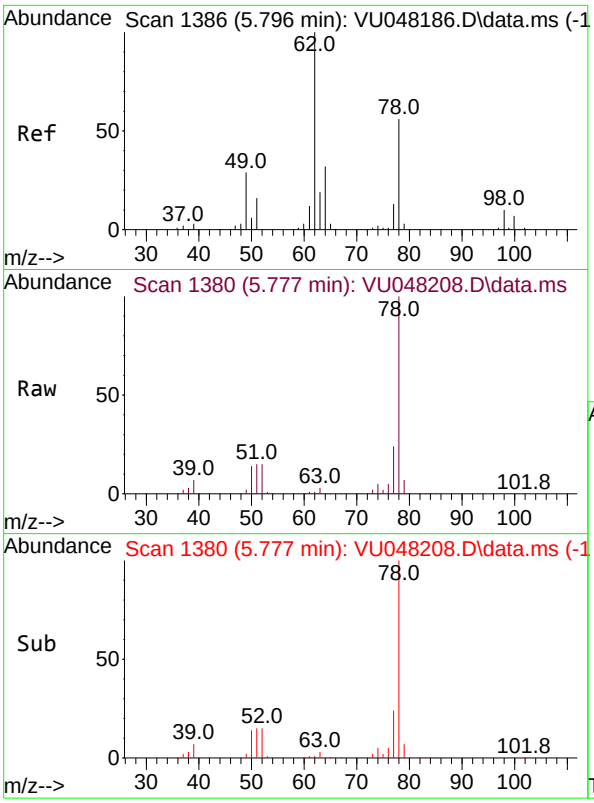


#12
1,1-Dichloroethene
Concen: 0.367 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU048208.D
Acq: 22 Apr 2022 06:46

Tgt Ion: 96 Resp: 743

Ion	Ratio	Lower	Upper
96	100		
61	1268.4	113.1	210.1#
63	12509.1	94.8	176.0#



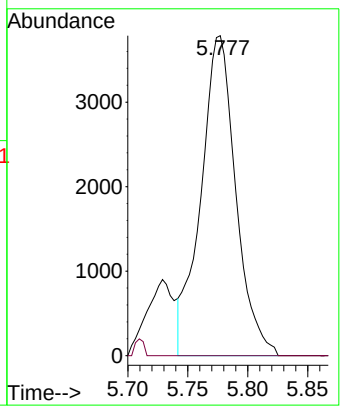


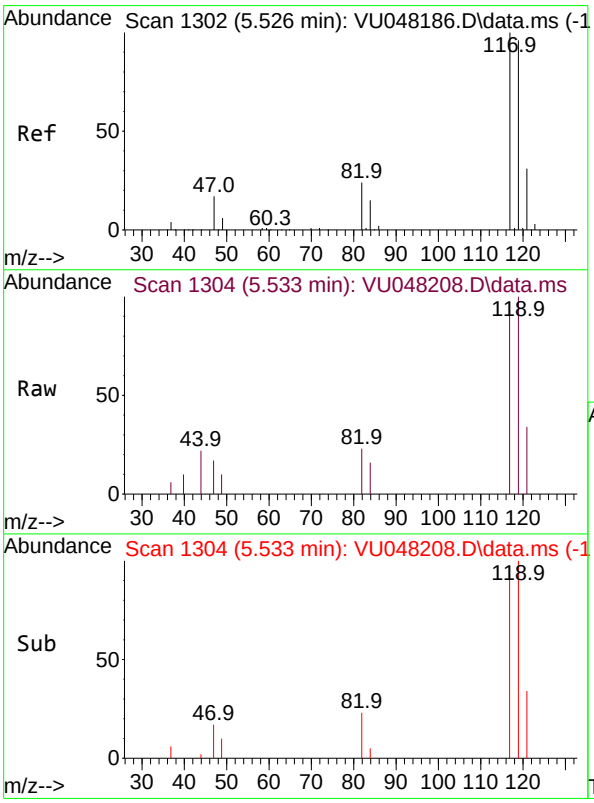
#27
1,2-Dichloroethane
Concen: 2.450 ug/L
RT: 5.777 min Scan# 1
Delta R.T. -0.019 min
Lab File: VU048208.D
Acq: 22 Apr 2022 06:46

Instrument :
MSVOA_V
ClientSampleId :
C0HZ2

Tgt Ion: 62 Resp: 7680

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.4	11.0#

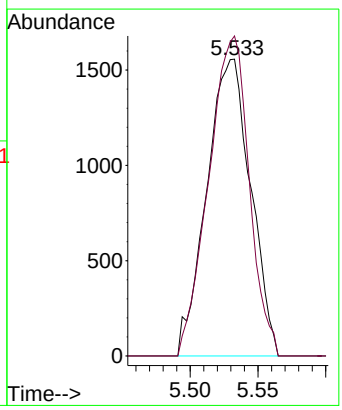


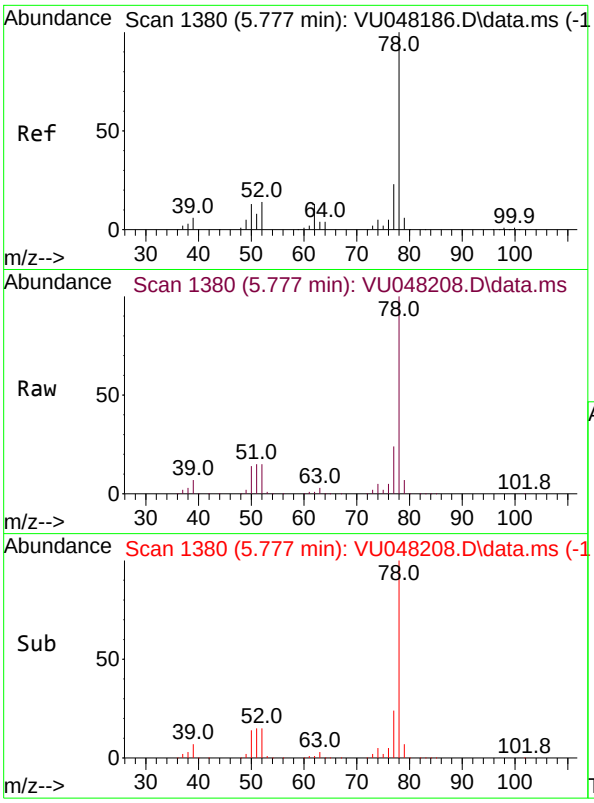


#31
Carbon tetrachloride
Concen: 1.157 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VU048208.D
Acq: 22 Apr 2022 06:46

Tgt Ion:117 Resp: 3516

Ion	Ratio	Lower	Upper
117	100		
119	99.1	77.2	115.8

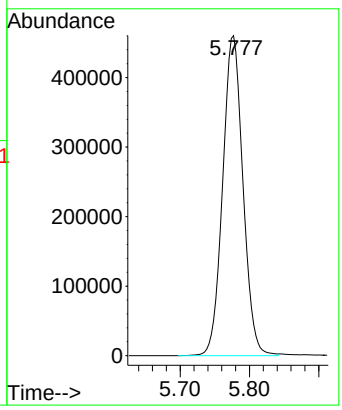


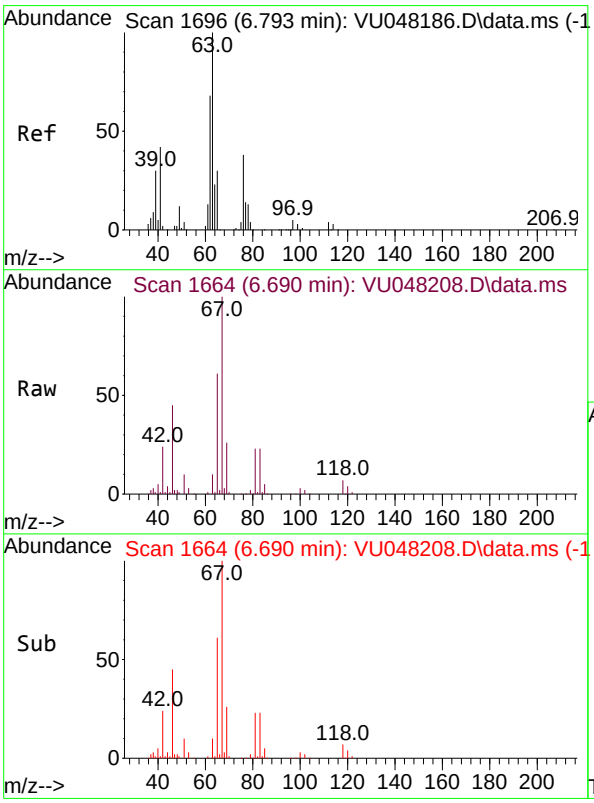


#33
Benzene
Concen: 109.037 ug/L
RT: 5.777 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU048208.D
Acq: 22 Apr 2022 06:46

Instrument :
MSVOA_V
ClientSampleId :
C0HZ2

Tgt Ion: 78 Resp: 936889

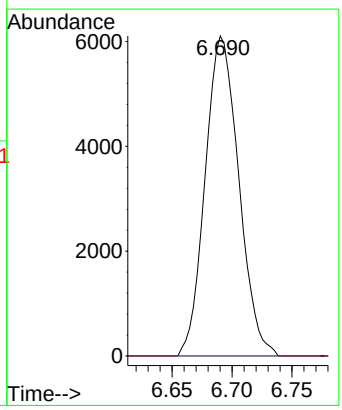


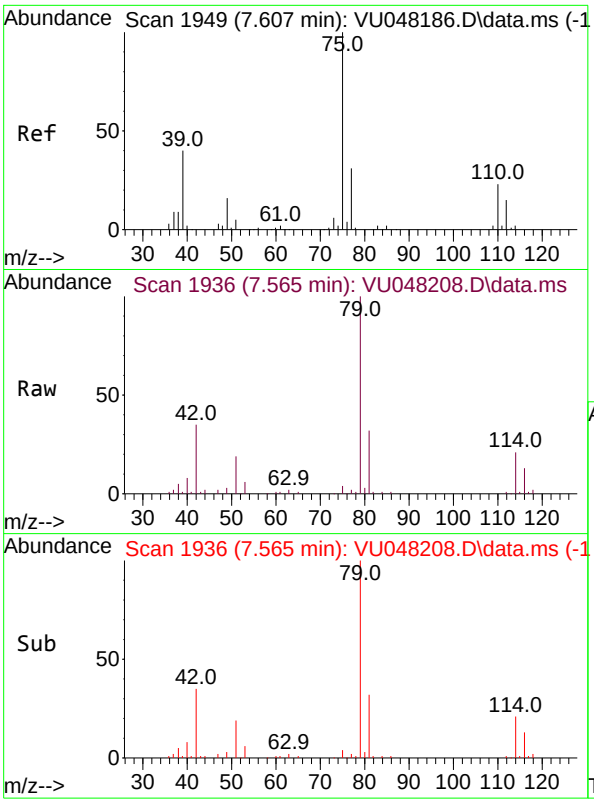


#37
1,2-Dichloropropane
Concen: 5.450 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU048208.D
Acq: 22 Apr 2022 06:46

Tgt Ion: 63 Resp: 11905

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



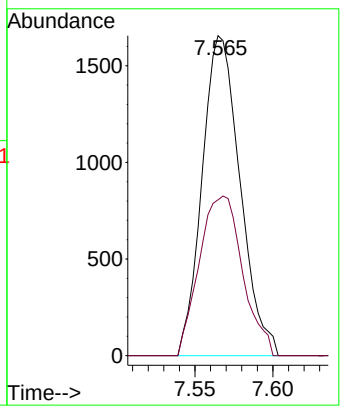


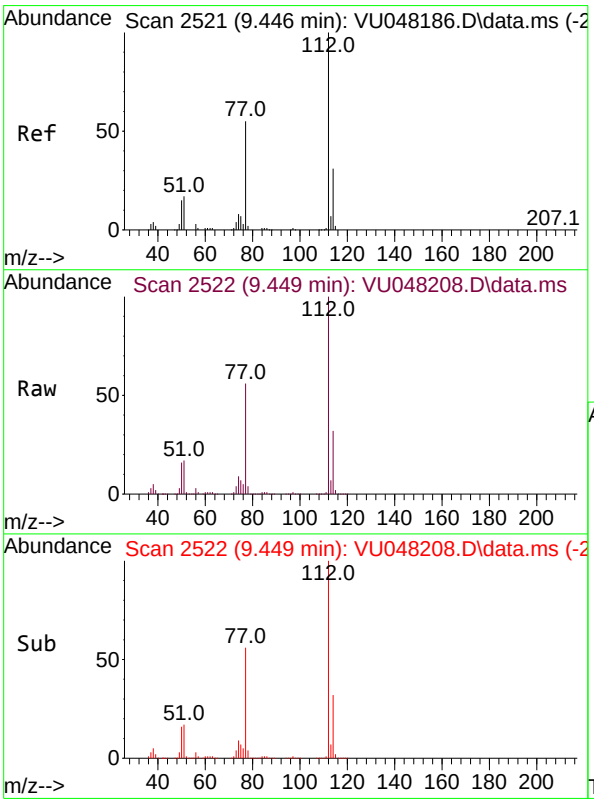
#39
cis-1,3-Dichloropropene
Concen: 0.825 ug/L
RT: 7.565 min Scan# 1
Delta R.T. -0.042 min
Lab File: VU048208.D
Acq: 22 Apr 2022 06:46

Instrument :
MSVOA_V
ClientSampleId :
C0HZ2

Tgt Ion: 75 Resp: 2797

Ion	Ratio	Lower	Upper
75	100		
77	48.7	21.8	40.6#

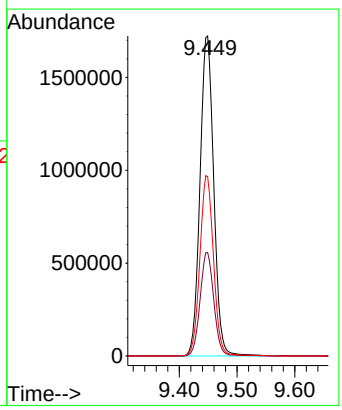


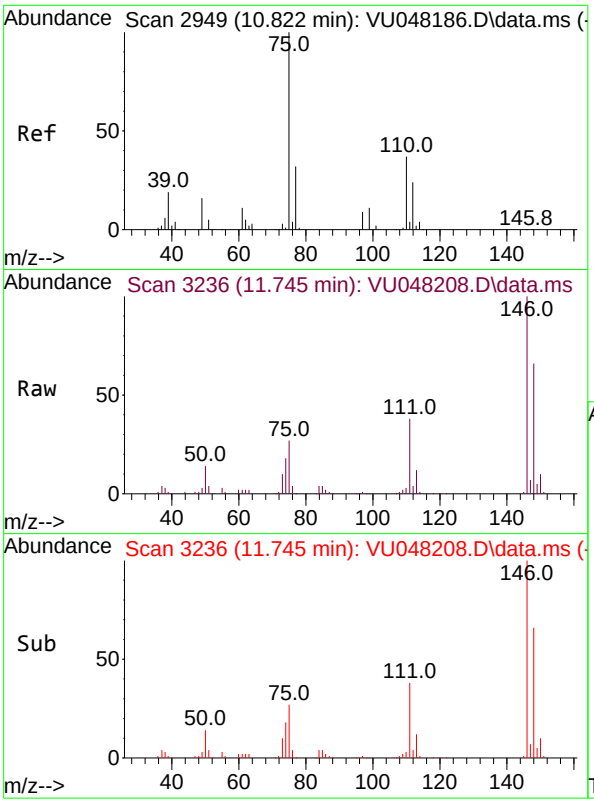


#51
Chlorobenzene
Concen: 445.067 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU048208.D
Acq: 22 Apr 2022 06:46

Tgt Ion:112 Resp: 2849069

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.1	41.1
77	56.0	43.4	65.0



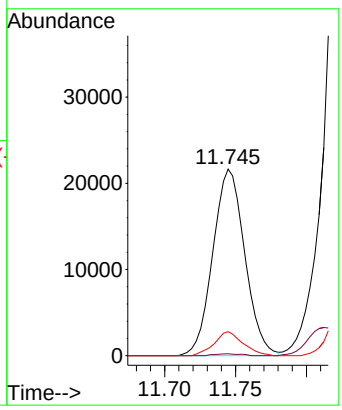


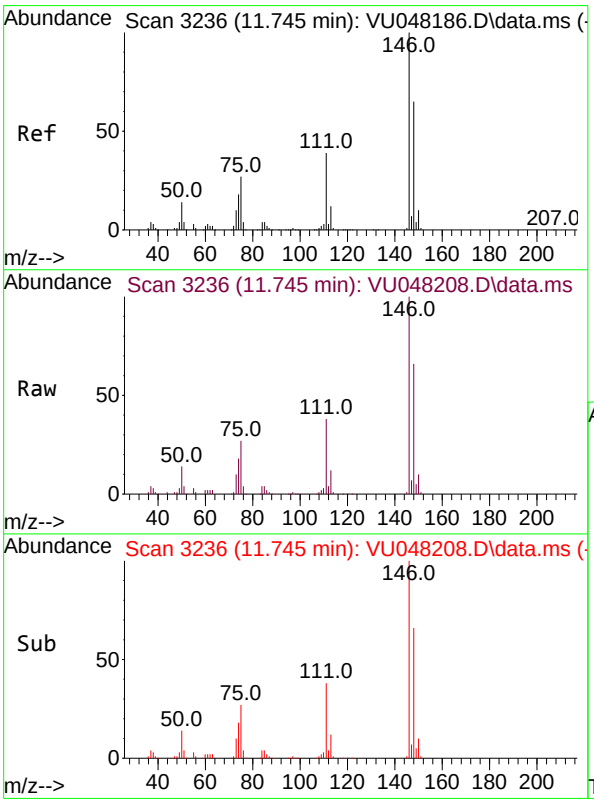
#60
1,2,3-Trichloropropane
Concen: 12.166 ug/L
RT: 11.745 min Scan# 3
Delta R.T. 0.923 min
Lab File: VU048208.D
Acq: 22 Apr 2022 06:46

Instrument :
MSVOA_V
ClientSampleId :
C0HZ2

Tgt Ion: 75 Resp: 33950

Ion	Ratio	Lower	Upper
75	100		
77	0.7	26.0	39.0#
110	11.5	31.4	47.2#

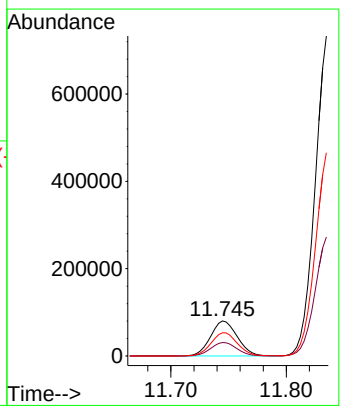


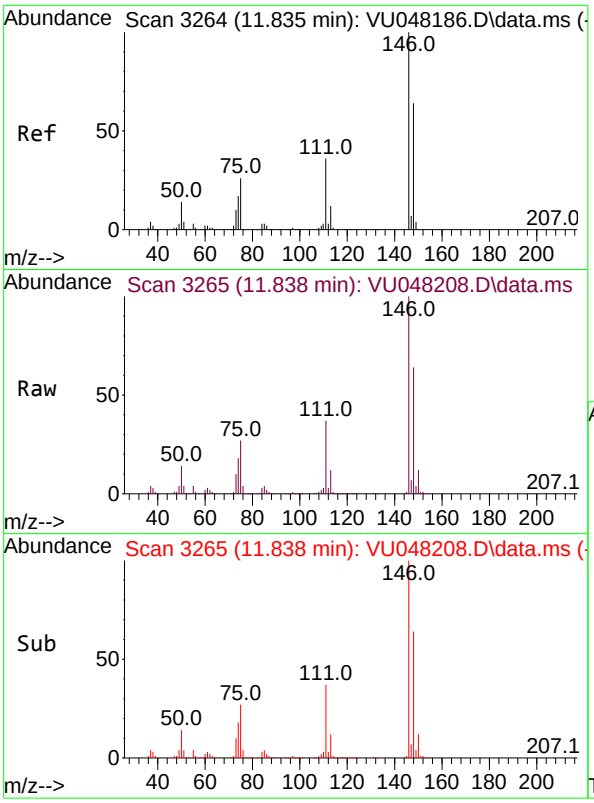


#64
1,3-Dichlorobenzene
Concen: 28.967 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU048208.D
Acq: 22 Apr 2022 06:46

Tgt Ion:146 Resp: 128801

Ion	Ratio	Lower	Upper
146	100		
111	38.4	26.7	49.7
148	66.2	44.4	82.5



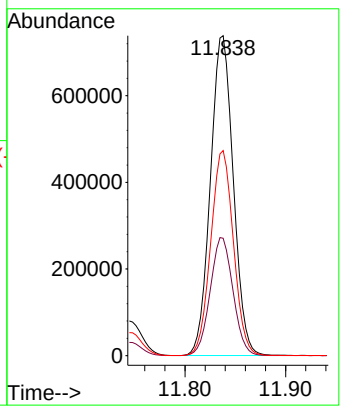


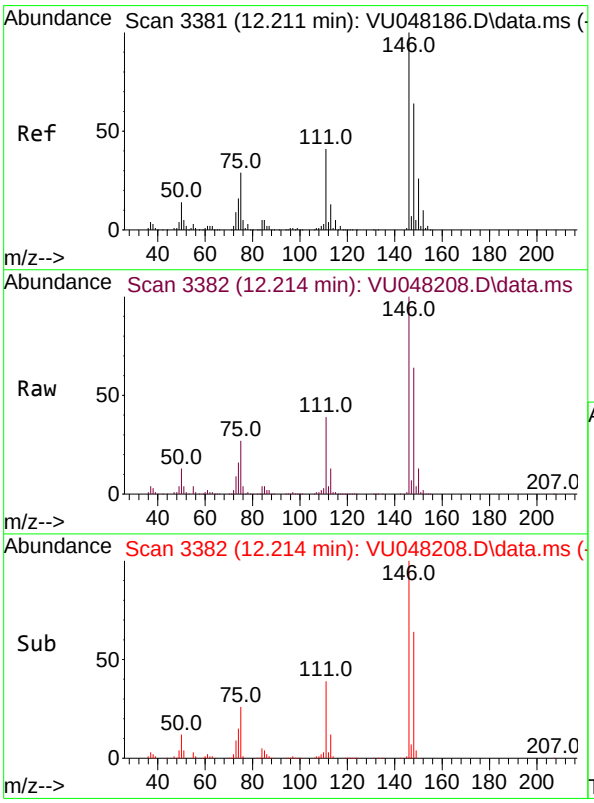
#65
1,4-Dichlorobenzene
Concen: 253.445 ug/L
RT: 11.838 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU048208.D
Acq: 22 Apr 2022 06:46

Instrument :
MSVOA_V
ClientSampleId :
C0HZ2

Tgt Ion:146 Resp: 1167286

Ion	Ratio	Lower	Upper
146	100		
111	36.7	25.3	47.1
148	64.1	44.5	82.7

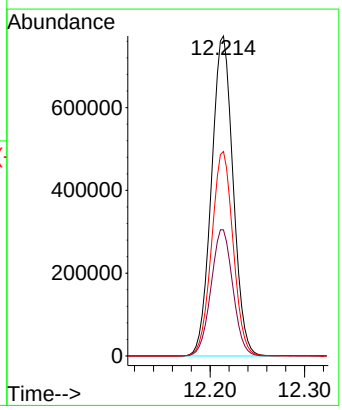


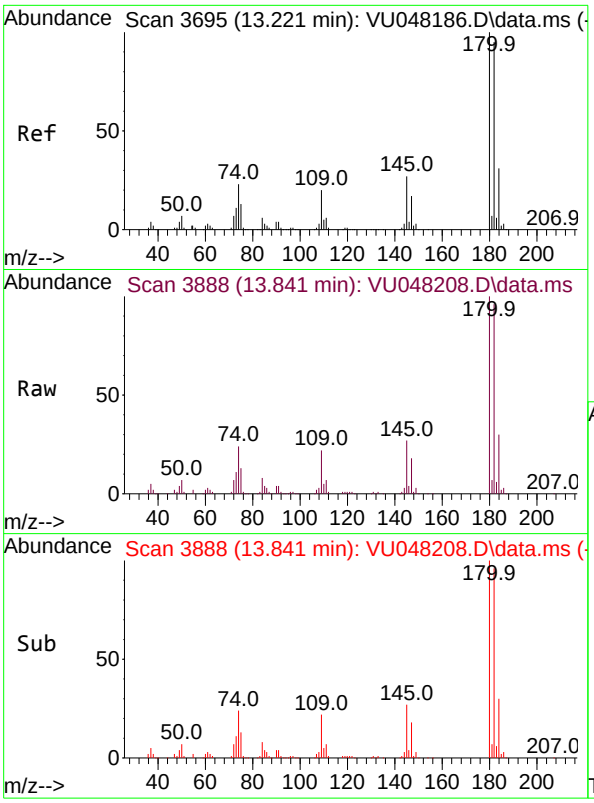


#67
1,2-Dichlorobenzene
Concen: 275.696 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU048208.D
Acq: 22 Apr 2022 06:46

Tgt Ion:146 Resp: 1226614

Ion	Ratio	Lower	Upper
146	100		
111	39.4	31.7	47.5
148	63.9	51.4	77.2



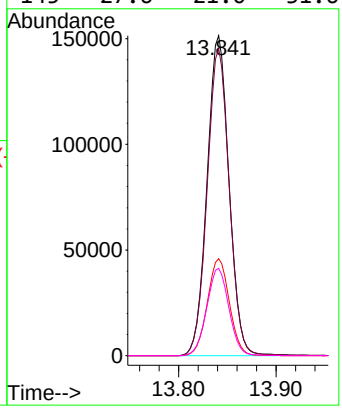


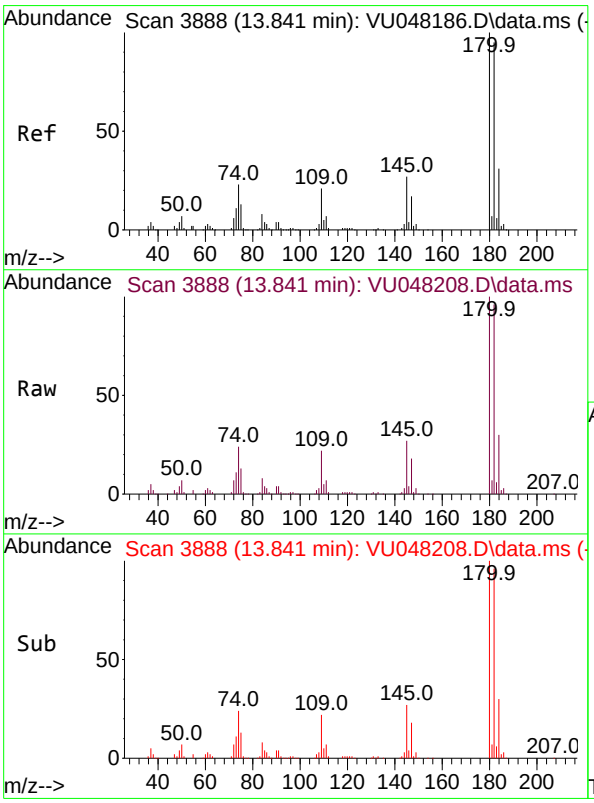
#69
1,3,5-Trichlorobenzene
Concen: 65.681 ug/L
RT: 13.841 min Scan# 3
Delta R.T. 0.621 min
Lab File: VU048208.D
Acq: 22 Apr 2022 06:46

Instrument :
MSVOA_V
ClientSampleId :
C0HZ2

Tgt Ion:180 Resp: 237189

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.0	115.6
184	30.4	24.5	36.7
145	27.6	21.0	31.6

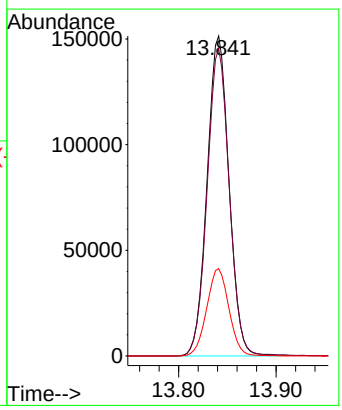


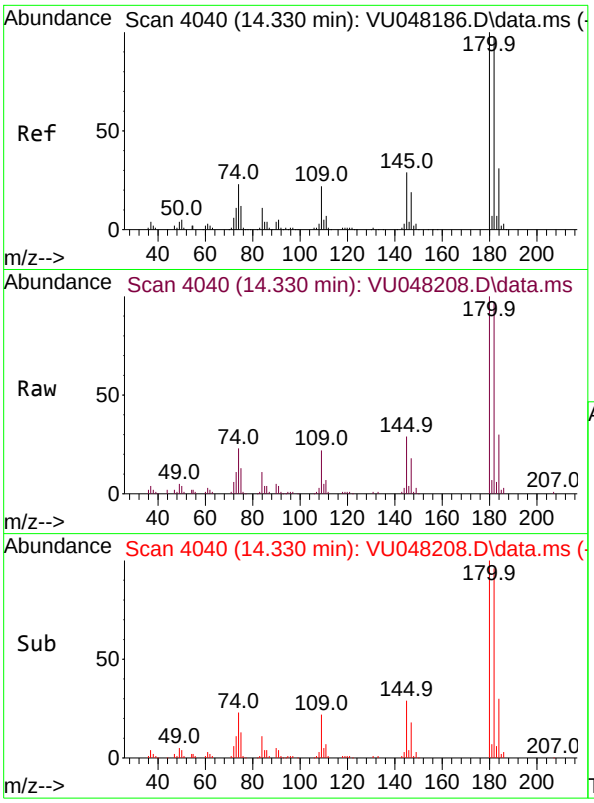


#70
1,2,4-trichlorobenzene
Concen: 74.987 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU048208.D
Acq: 22 Apr 2022 06:46

Tgt Ion:180 Resp: 237189

Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.2	114.2
145	27.6	21.8	32.8





#72
1,2,3-Trichlorobenzene
Concen: 20.809 ug/L
RT: 14.330 min Scan# 4
Delta R.T. -0.000 min
Lab File: VU048208.D
Acq: 22 Apr 2022 06:46

Instrument :
MSVOA_V
ClientSampleId :
C0HZ2

Tgt Ion:180 Resp: 65983

Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.4	116.0
145	28.6	22.8	34.2