Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092122\
Data File : VU050884.D
Acq On : 21 Sep 2022 18:47
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK138

Quant Time: Sep 22 02:15:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 22 02:11:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	297789	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	266022	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	85159	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	126927	41.139	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.280%			
7) Chloroethane-d5	1.903	69	104641	47.622	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.240%			
11) 1,1-Dichloroethene-d2	2.562	63	159178	33.157	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.320%			
21) 2-Butanone-d5	4.623	46	285603	143.385	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 143.390%#			
24) Chloroform-d	5.063	84	227133	46.976	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.960%			
26) 1,2-Dichloroethane-d4	5.700	65	144449	48.477	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.960%			
32) Benzene-d6	5.726	84	444872	50.771	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.540%			
36) 1,2-Dichloropropane-d6	6.690	67	154803	52.340	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.680%			
41) Toluene-d8	7.899	98	339100	44.273	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.540%			
43) trans-1,3-Dichloroprop...	8.179	79	56754	44.110	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.220%			
47) 2-Hexanone-d5	8.632	63	154795	127.001	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 127.000%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	231231	51.279	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.560%			
66) 1,2-Dichlorobenzene-d4	12.192	152	98050	54.991	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.980%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	1971	0.562	ug/L #	3
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	3082	1.265	ug/L #	52
12) 1,1-Dichloroethene	2.575	96	2945	1.286	ug/L #	1
13) Acetone	2.633	43	4724	2.801	ug/L	90
14) Carbon disulfide	2.790	76	10645	1.470	ug/L	96
17) trans-1,2-Dichloroethene	3.350	96	1912	0.815	ug/L	93
20) cis-1,2-Dichloroethene	4.668	96	3874	1.489	ug/L	97
27) 1,2-Dichloroethane	5.796	62	1530	0.426	ug/L #	75
30) 1,1,1-Trichloroethane	5.321	97	3048	0.861	ug/L #	87
34) Trichloroethene	6.542	95	31753	13.963	ug/L	98
35) Methylcyclohexane	6.764	83	2850	0.778	ug/L	92
64) 1,3-Dichlorobenzene	11.748	146	4115	1.479	ug/L	92
65) 1,4-Dichlorobenzene	11.835	146	4714	1.668	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	4293	1.457	ug/L	91
69) 1,3,5-Trichlorobenzene	13.221	180	3752	1.927	ug/L	95
70) 1,2,4-trichlorobenzene	13.844	180	4536	2.847	ug/L	95
71) Naphthalene	14.089	128	21854	3.569	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	6244	3.501	ug/L	95

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092122\
Data File : VU050884.D
Acq On : 21 Sep 2022 18:47
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK138

Quant Time: Sep 22 02:15:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 22 02:11:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

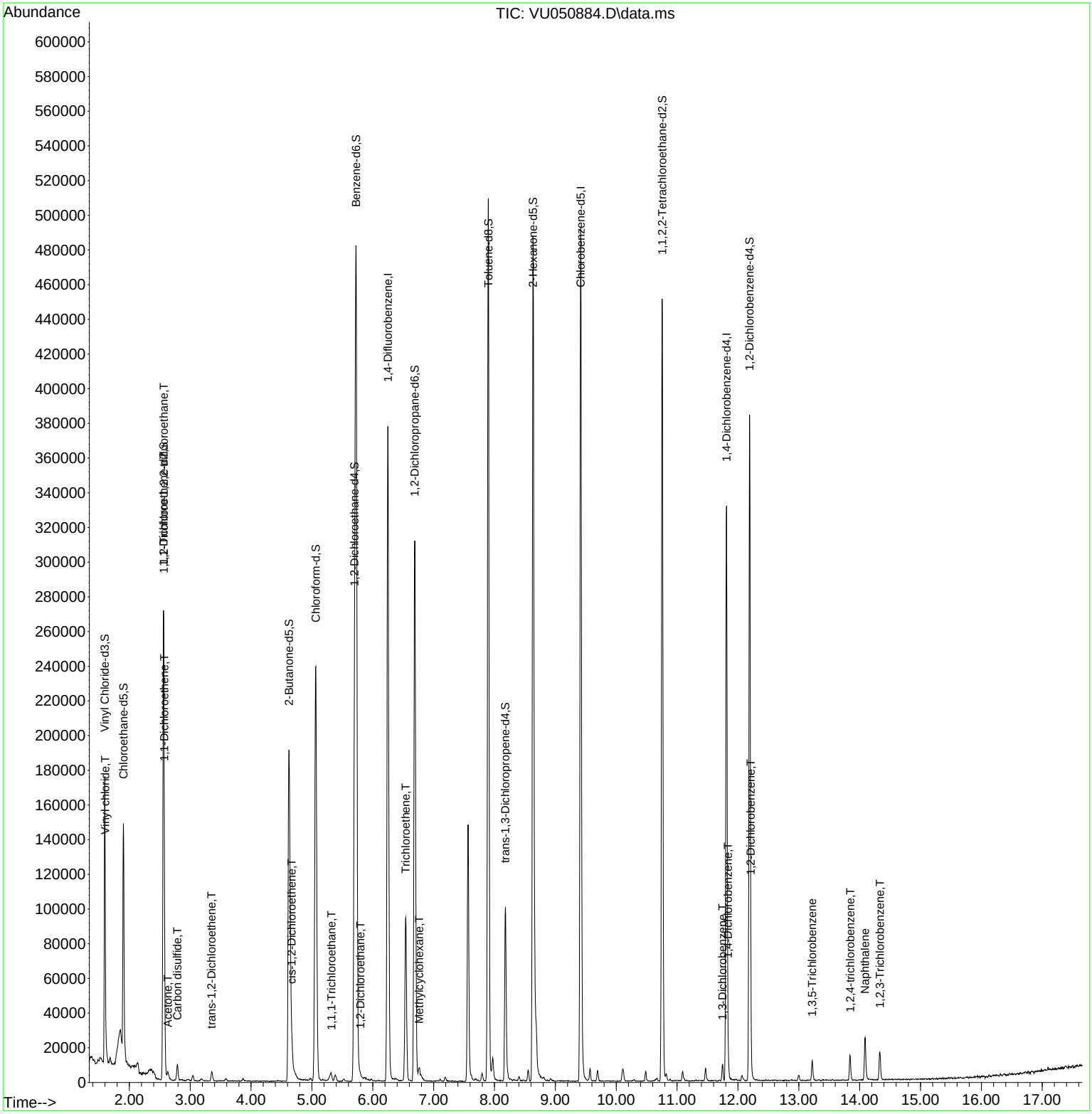
(#) = qualifier out of range (m) = manual integration (+) = signals summed

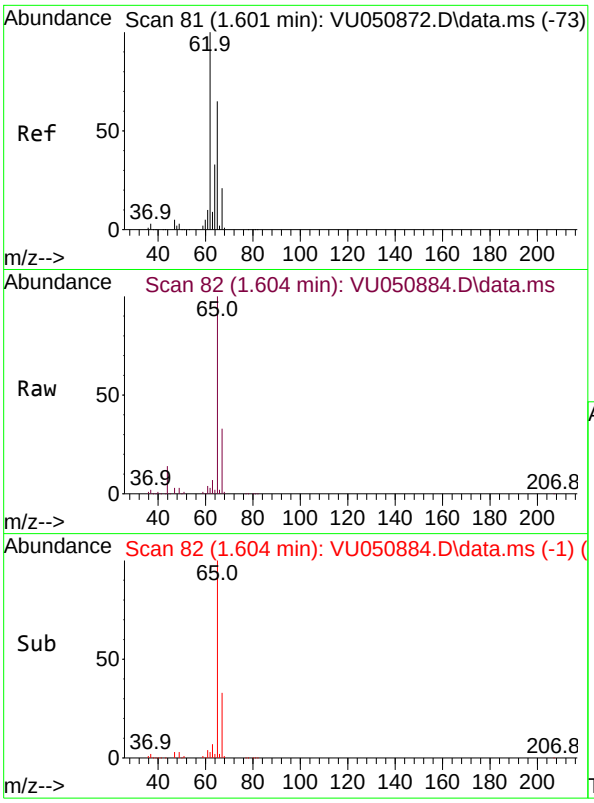
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092122\
Data File : VU050884.D
Acq On : 21 Sep 2022 18:47
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK138

Quant Time: Sep 22 02:15:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 22 02:11:06 2022
Response via : Initial Calibration



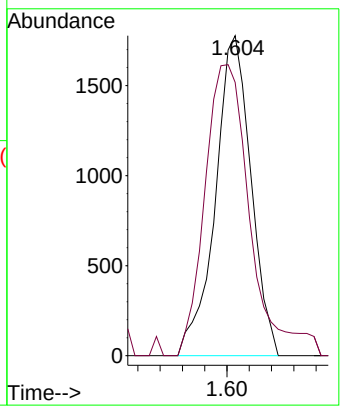


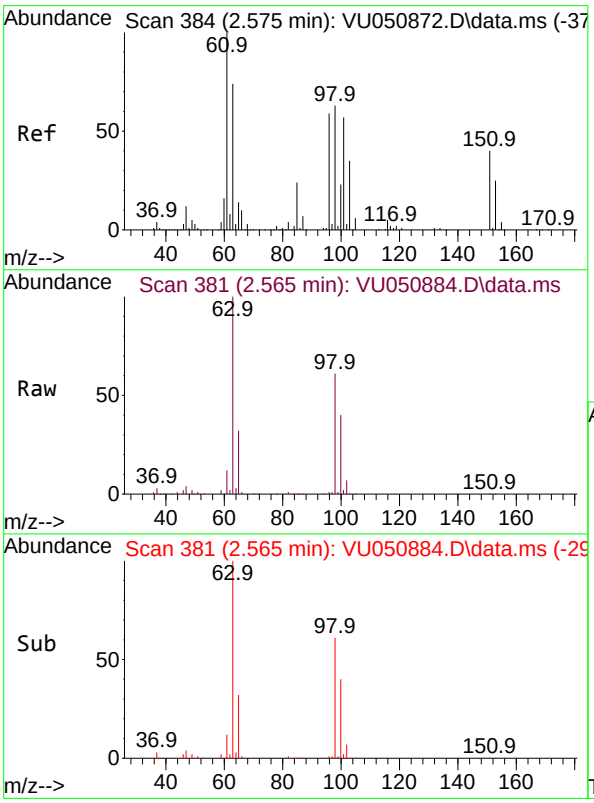
#5
Vinyl chloride
Concen: 0.562 ug/L
RT: 1.604 min Scan# 8
Delta R.T. 0.003 min
Lab File: VU050884.D
Acq: 21 Sep 2022 18:47

Instrument :
MSVOA_U
ClientSampleId :
VIBLK138

Tgt Ion: 62 Resp: 1971

Ion	Ratio	Lower	Upper
62	100		
64	85.4	22.2	41.2#

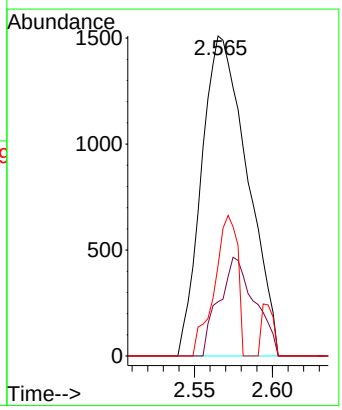


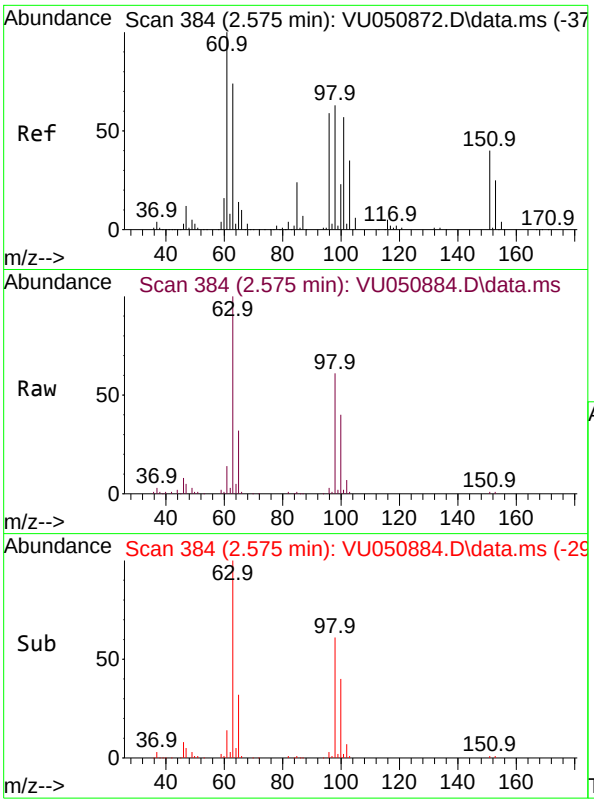


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.265 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU050884.D
Acq: 21 Sep 2022 18:47

Tgt Ion:101 Resp: 3082

Ion	Ratio	Lower	Upper
101	100		
85	24.1	35.1	52.7#
151	22.3	56.6	84.8#



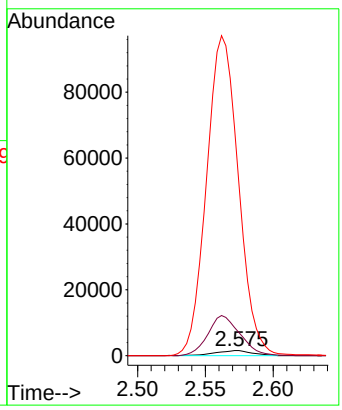


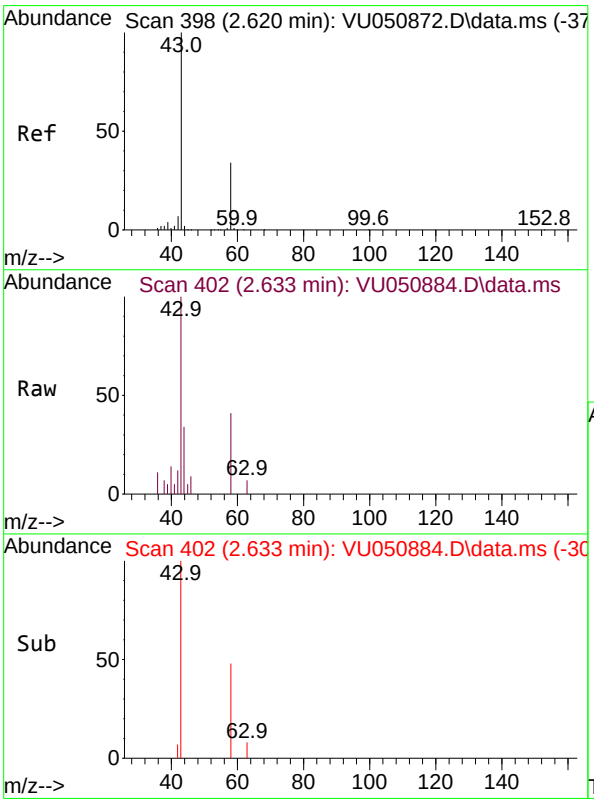
#12
1,1-Dichloroethene
Concen: 1.286 ug/L
RT: 2.575 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU050884.D
Acq: 21 Sep 2022 18:47

Instrument :
MSVOA_U
ClientSampleId :
VIBLK138

Tgt Ion: 96 Resp: 2945

Ion	Ratio	Lower	Upper
96	100		
61	451.4	118.6	220.2#
63	3342.7	90.4	168.0#

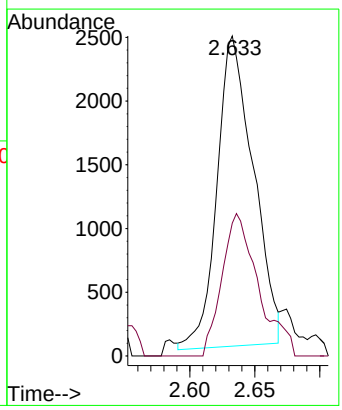


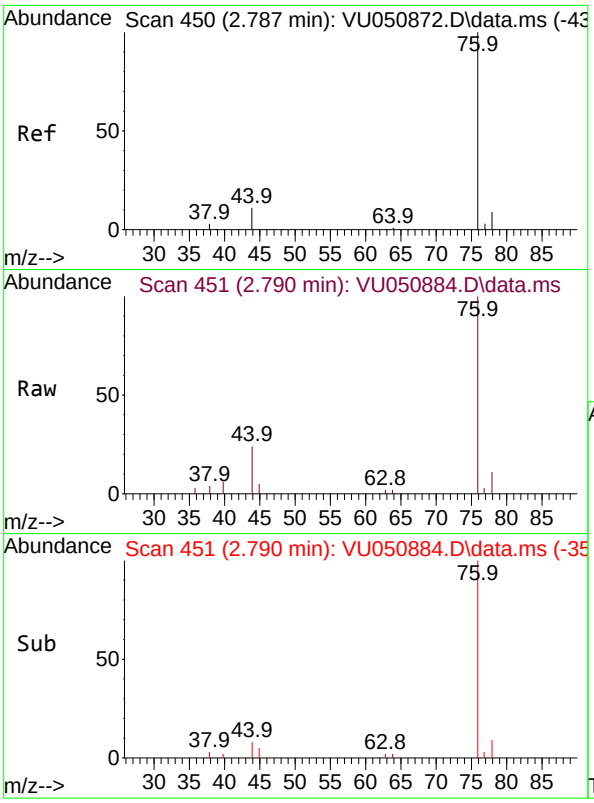


#13
Acetone
Concen: 2.801 ug/L
RT: 2.633 min Scan# 402
Delta R.T. 0.013 min
Lab File: VU050884.D
Acq: 21 Sep 2022 18:47

Tgt Ion: 43 Resp: 4724

Ion	Ratio	Lower	Upper
43	100		
58	41.4	0.0	71.4



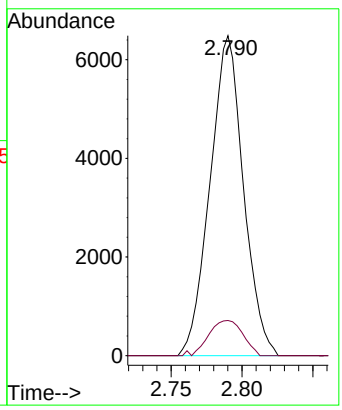


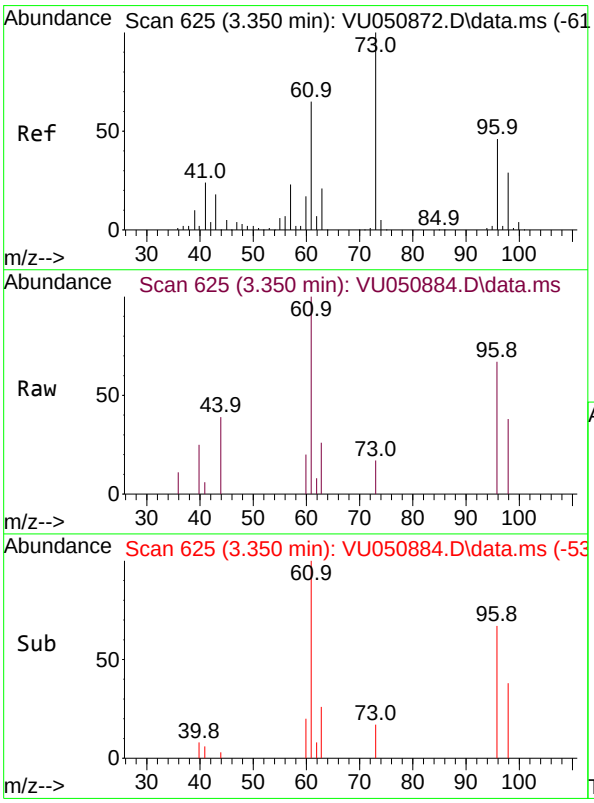
#14
Carbon disulfide
Concen: 1.470 ug/L
RT: 2.790 min Scan# 4
Delta R.T. 0.003 min
Lab File: VU050884.D
Acq: 21 Sep 2022 18:47

Instrument :
MSVOA_U
ClientSampleId :
VIBLK138

Tgt Ion: 76 Resp: 10645

Ion	Ratio	Lower	Upper
76	100		
78	11.0	7.5	11.3

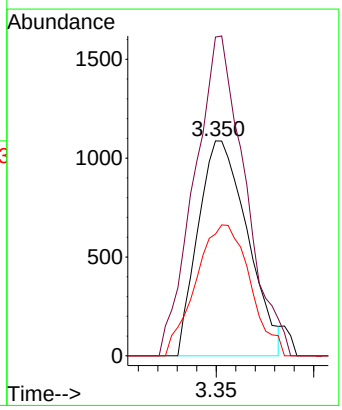


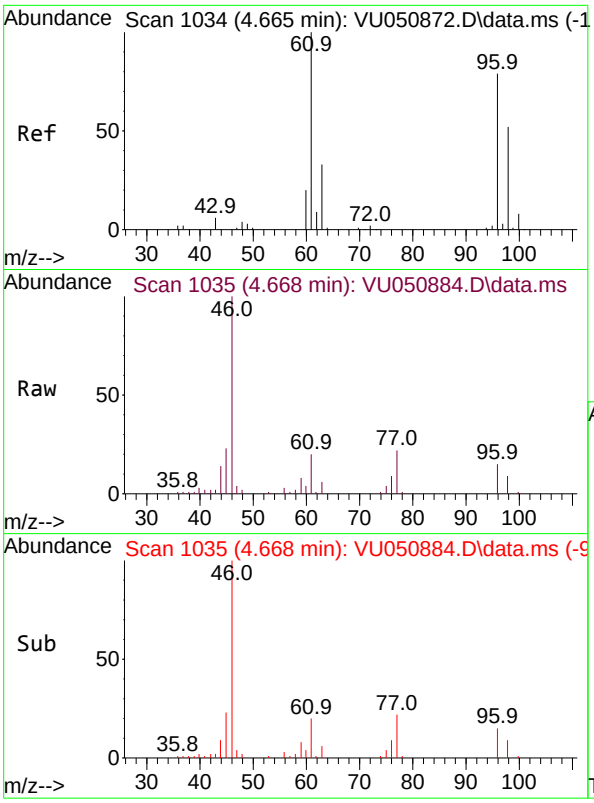


#17
trans-1,2-Dichloroethene
Concen: 0.815 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU050884.D
Acq: 21 Sep 2022 18:47

Tgt Ion: 96 Resp: 1912

Ion	Ratio	Lower	Upper
96	100		
61	148.3	98.0	182.0
98	56.7	44.3	82.3



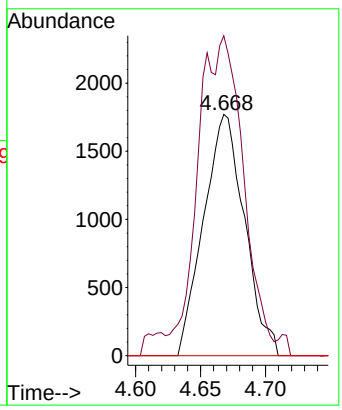


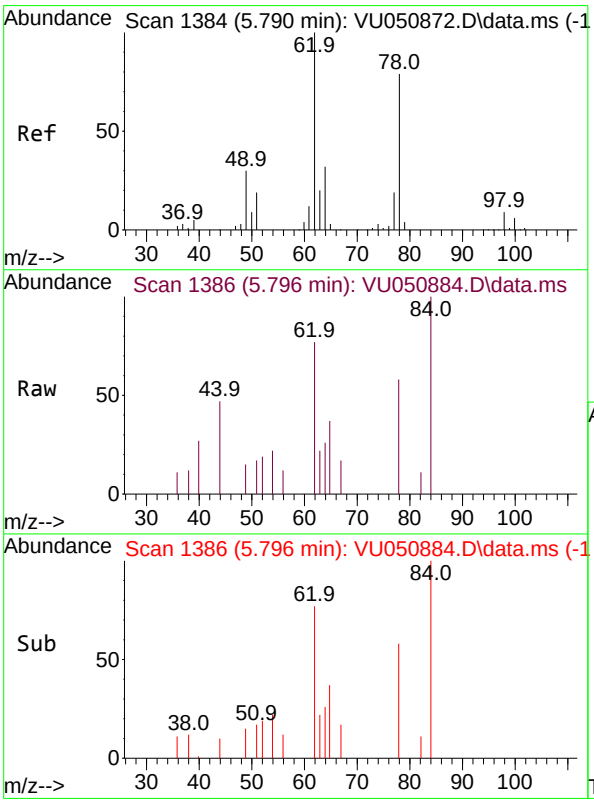
#20
cis-1,2-Dichloroethene
Concen: 1.489 ug/L
RT: 4.668 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU050884.D
Acq: 21 Sep 2022 18:47

Instrument :
MSVOA_U
ClientSampleId :
VIBLK138

Tgt Ion: 96 Resp: 3874

Ion	Ratio	Lower	Upper
96	100		
61	132.7	90.1	167.3
68	0.0	0.0	0.0

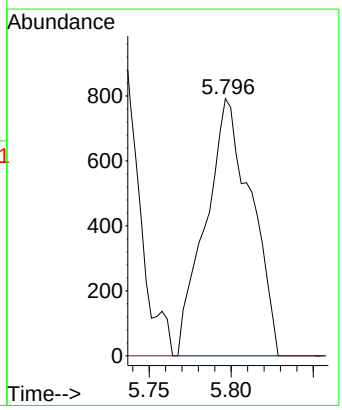


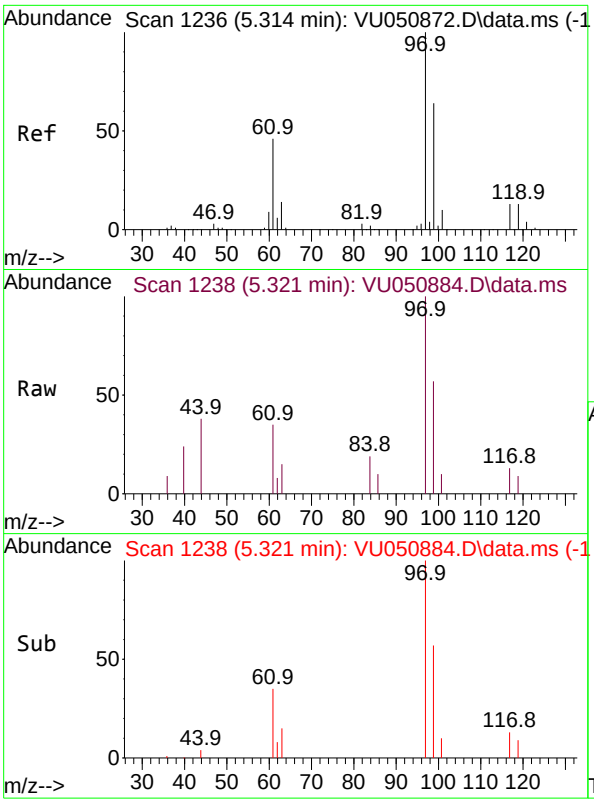


#27
1,2-Dichloroethane
Concen: 0.426 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VU050884.D
Acq: 21 Sep 2022 18:47

Tgt Ion: 62 Resp: 1530

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.4	11.0#



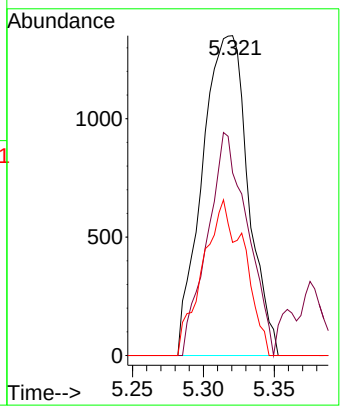


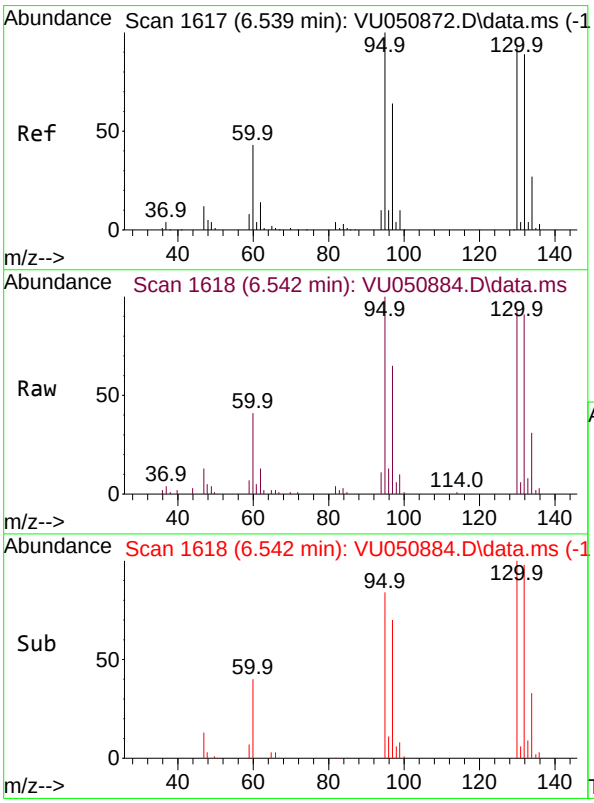
#30
1,1,1-Trichloroethane
Concen: 0.861 ug/L
RT: 5.321 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU050884.D
Acq: 21 Sep 2022 18:47

Instrument :
MSVOA_U
ClientSampleId :
VIBLK138

Tgt Ion: 97 Resp: 3048

Ion	Ratio	Lower	Upper
97	100		
99	60.5	52.2	78.2
61	30.4	37.1	55.7#

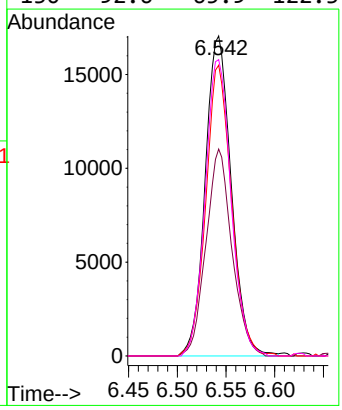


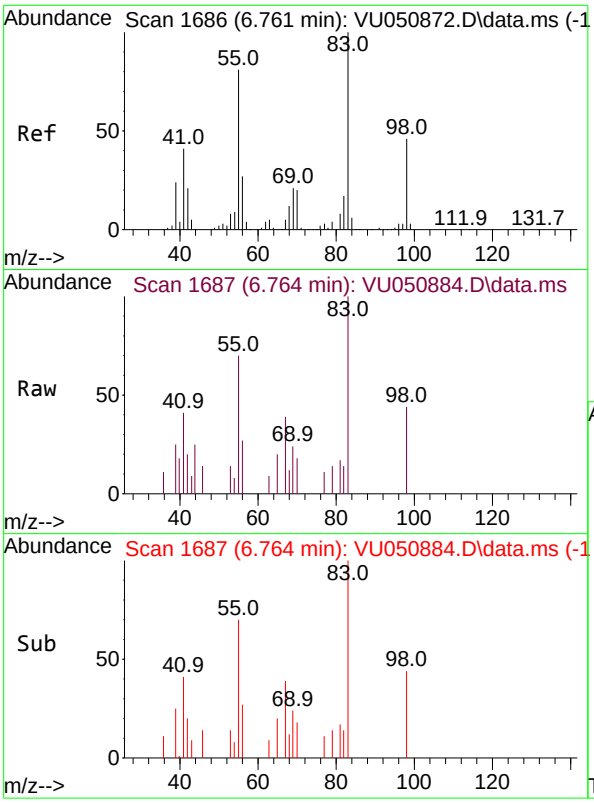


#34
Trichloroethene
Concen: 13.963 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU050884.D
Acq: 21 Sep 2022 18:47

Tgt Ion: 95 Resp: 31753

Ion	Ratio	Lower	Upper
95	100		
97	64.7	43.9	81.5
132	90.8	63.1	117.1
130	92.6	65.9	122.3



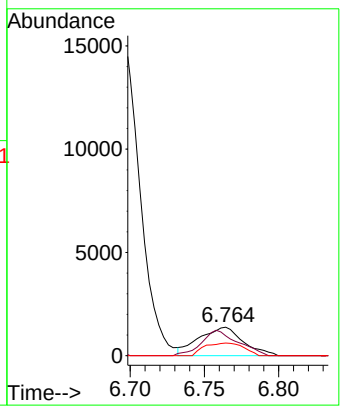


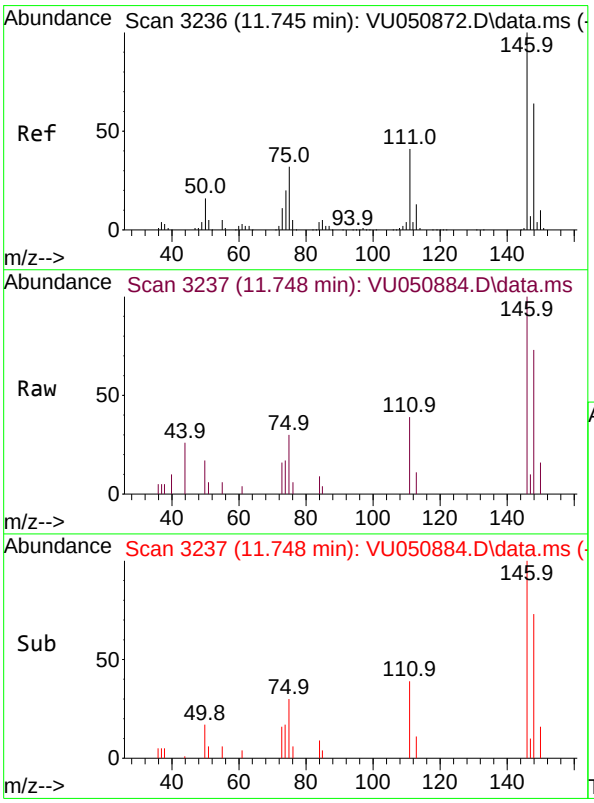
#35
Methylcyclohexane
Concen: 0.778 ug/L
RT: 6.764 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU050884.D
Acq: 21 Sep 2022 18:47

Instrument :
MSVOA_U
ClientSampleId :
VIBLK138

Tgt Ion: 83 Resp: 2850

Ion	Ratio	Lower	Upper
83	100		
55	73.1	64.7	97.1
98	39.2	35.2	52.8

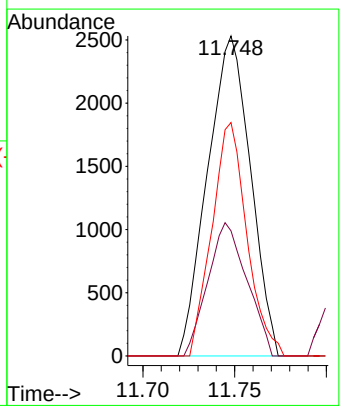


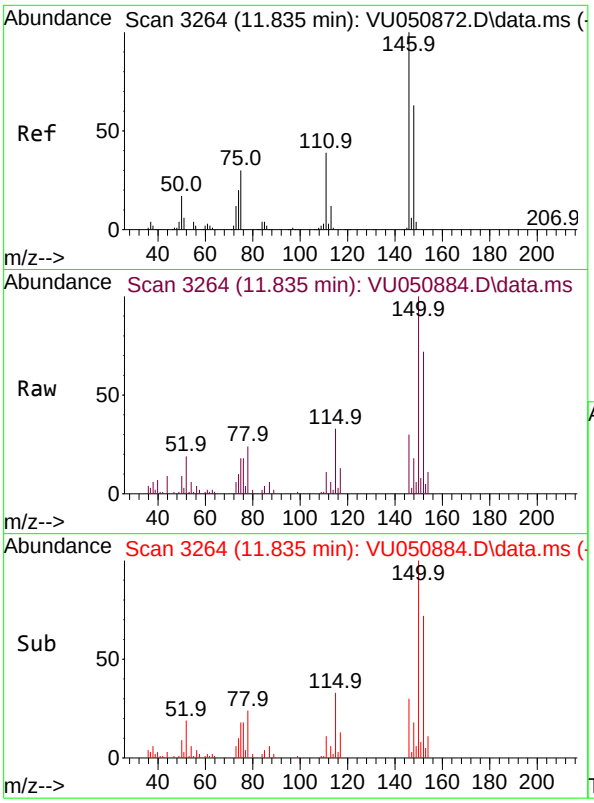


#64
1,3-Dichlorobenzene
Concen: 1.479 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU050884.D
Acq: 21 Sep 2022 18:47

Tgt Ion:146 Resp: 4115

Ion	Ratio	Lower	Upper
146	100		
111	39.1	27.9	51.7
148	73.0	44.4	82.5



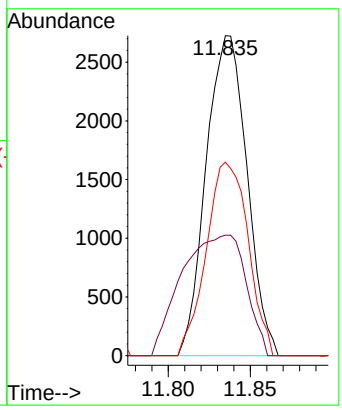


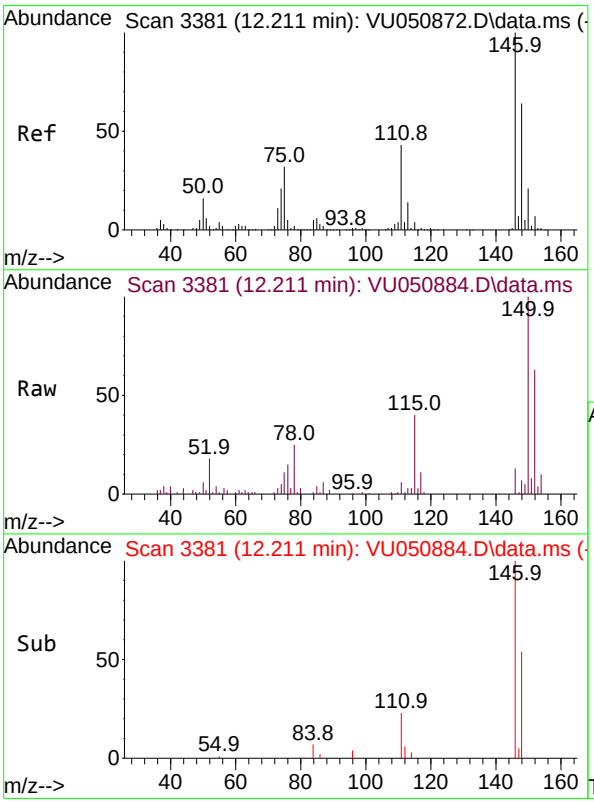
#65
1,4-Dichlorobenzene
Concen: 1.668 ug/L
RT: 11.835 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU050884.D
Acq: 21 Sep 2022 18:47

Instrument :
MSVOA_U
ClientSampleId :
VIBLK138

Tgt Ion:146 Resp: 4714

Ion	Ratio	Lower	Upper
146	100		
111	37.6	27.5	51.1
148	60.5	45.4	84.2

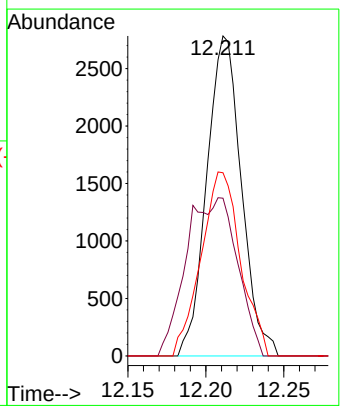


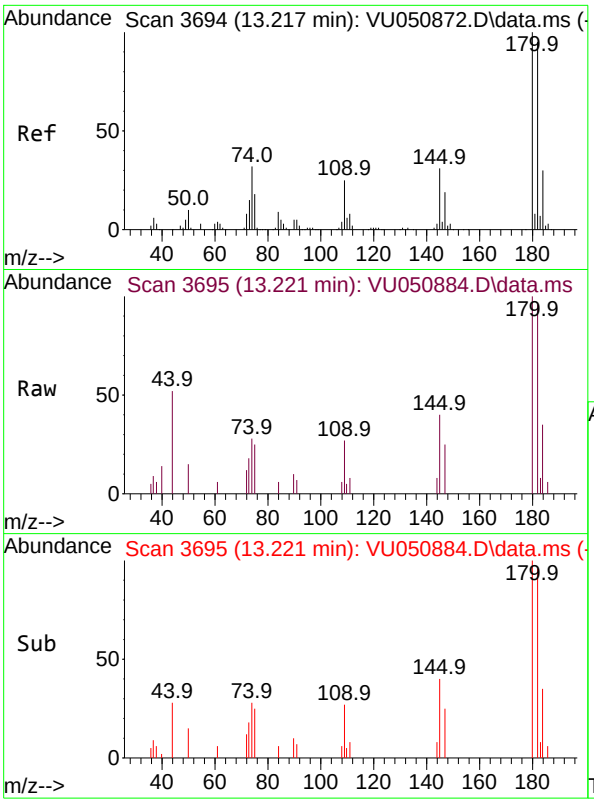


#67
1,2-Dichlorobenzene
Concen: 1.457 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU050884.D
Acq: 21 Sep 2022 18:47

Tgt Ion:146 Resp: 4293

Ion	Ratio	Lower	Upper
146	100		
111	49.3	35.2	52.8
148	57.3	52.0	78.0



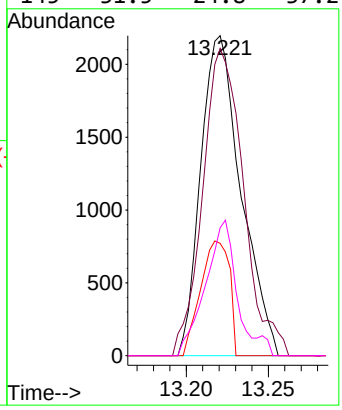


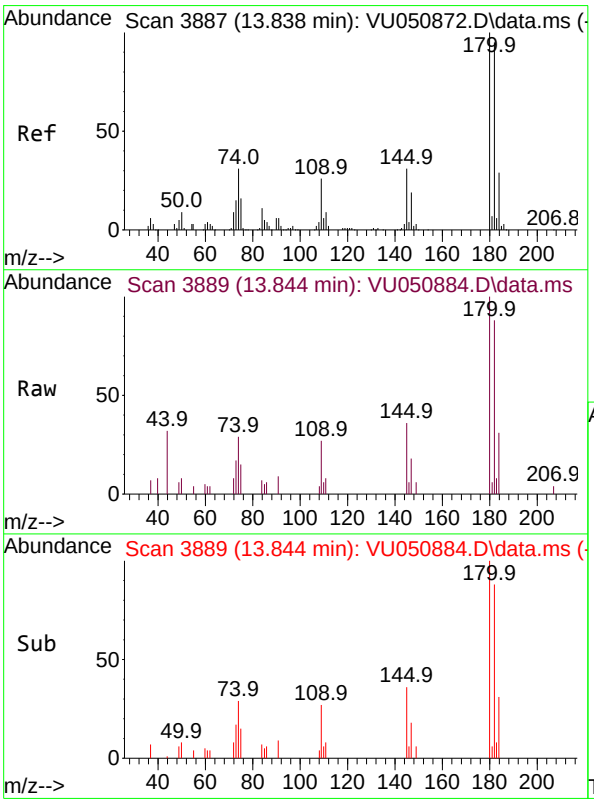
#69
1,3,5-Trichlorobenzene
Concen: 1.927 ug/L
RT: 13.221 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU050884.D
Acq: 21 Sep 2022 18:47

Instrument :
MSVOA_U
ClientSampleId :
VIBLK138

Tgt Ion:180 Resp: 3752

Ion	Ratio	Lower	Upper
180	100		
182	93.3	78.2	117.2
184	25.6	24.8	37.2
145	31.5	24.8	37.2

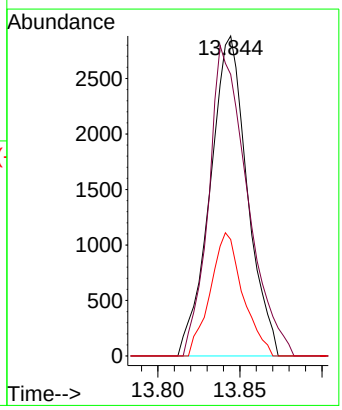


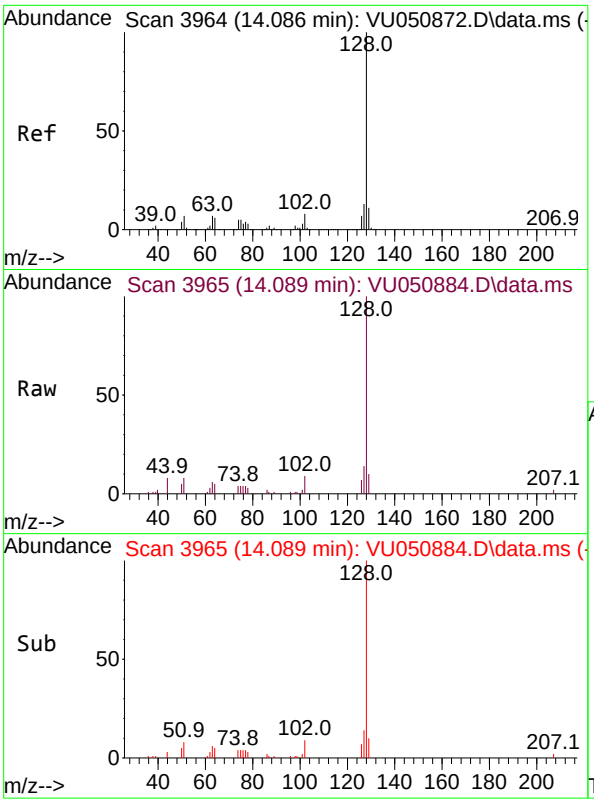


#70
1,2,4-trichlorobenzene
Concen: 2.847 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.006 min
Lab File: VU050884.D
Acq: 21 Sep 2022 18:47

Tgt Ion:180 Resp: 4536

Ion	Ratio	Lower	Upper
180	100		
182	100.6	76.2	114.2
145	33.8	25.1	37.7



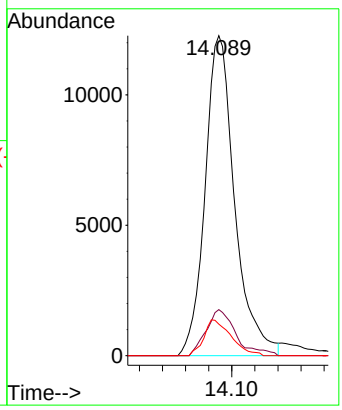


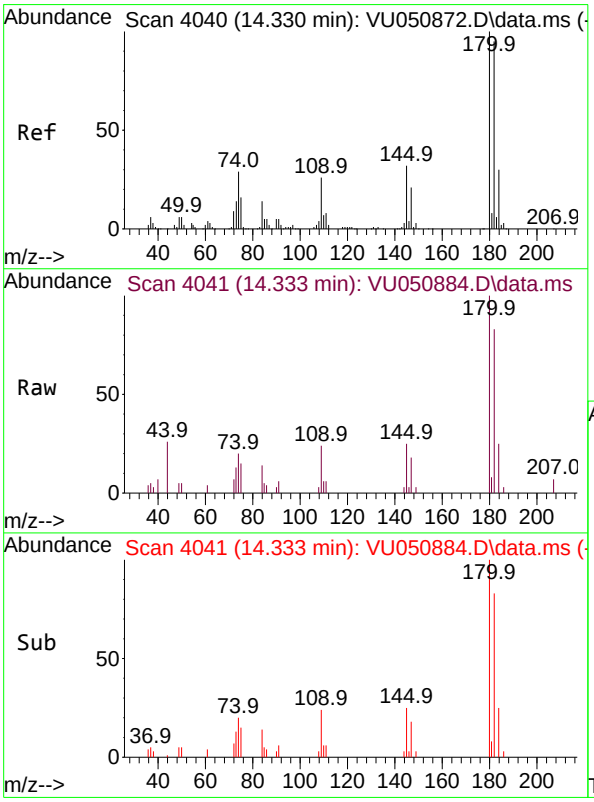
#71
Naphthalene
Concen: 3.569 ug/L
RT: 14.089 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU050884.D
Acq: 21 Sep 2022 18:47

Instrument :
MSVOA_U
ClientSampleId :
VIBLK138

Tgt Ion:128 Resp: 21854

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.3	8.5	12.7





#72
1,2,3-Trichlorobenzene
Concen: 3.501 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU050884.D
Acq: 21 Sep 2022 18:47

Tgt Ion:180 Resp: 6244

Ion	Ratio	Lower	Upper
180	100		
182	90.7	76.9	115.3
145	31.8	26.3	39.5