Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062123\
Data File : VU054636.D
Acq On : 21 Jun 2023 12:16
Operator : MD/SY
Sample : 03326-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCA38

Quant Time: Jun 22 02:43:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jun 22 02:42:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	339141	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	322734	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	152999	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	128917	5.973	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 119.400%			
7) Chloroethane-d5	1.914	69	101043	5.000	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.000%			
11) 1,1-Dichloroethene-d2	2.563	65	50541	5.243	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 104.800%			
20) 2-Butanone-d5	4.634	46	302354	49.825	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.640%			
24) Chloroform-d	5.058	84	201587	4.468	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.400%			
26) 1,2-Dichloroethane-d4	5.698	65	98439	4.476	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.600%			
32) Benzene-d6	5.724	84	400938	4.469	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.400%			
36) 1,2-Dichloropropane-d6	6.685	67	134576	4.492	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.800%			
41) Toluene-d8	7.894	98	351090	4.410	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.200%			
43) trans-1,3-Dichloroprop...	8.177	79	49427	4.744	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.800%			
46) 2-Hexanone-d5	8.631	63	196971	45.062	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.120%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	97485	4.363	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.200%			
66) 1,2-Dichlorobenzene-d4	12.190	152	120438	4.667	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.605	62	53545	1.433	ug/L	95
12) 1,1-Dichloroethene	2.576	96	10038	0.408	ug/L #	1
18) trans-1,2-Dichloroethene	3.351	96	30170	1.188	ug/L	97
19) 1,1-Dichloroethane	3.865	63	17382	0.331	ug/L #	97
22) cis-1,2-Dichloroethene	4.660	96	4686906	162.058	ug/L	97
25) Chloroform	5.084	83	158745	3.064	ug/L	99
27) 1,2-Dichloroethane	5.788	62	6781	0.223	ug/L #	95
30) Cyclohexane	5.383	56	20141	0.423	ug/L	93
33) Benzene	5.772	78	78610	0.678	ug/L	100
34) Trichloroethene	6.537	95	16803305	547.850	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	5564	0.279	ug/L	94
47) Tetrachloroethene	8.550	164	150555	6.413	ug/L	99
51) Chlorobenzene	9.444	112	222632	2.990	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	13057	0.249	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	8375	0.174	ug/L	94

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

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Instrument :
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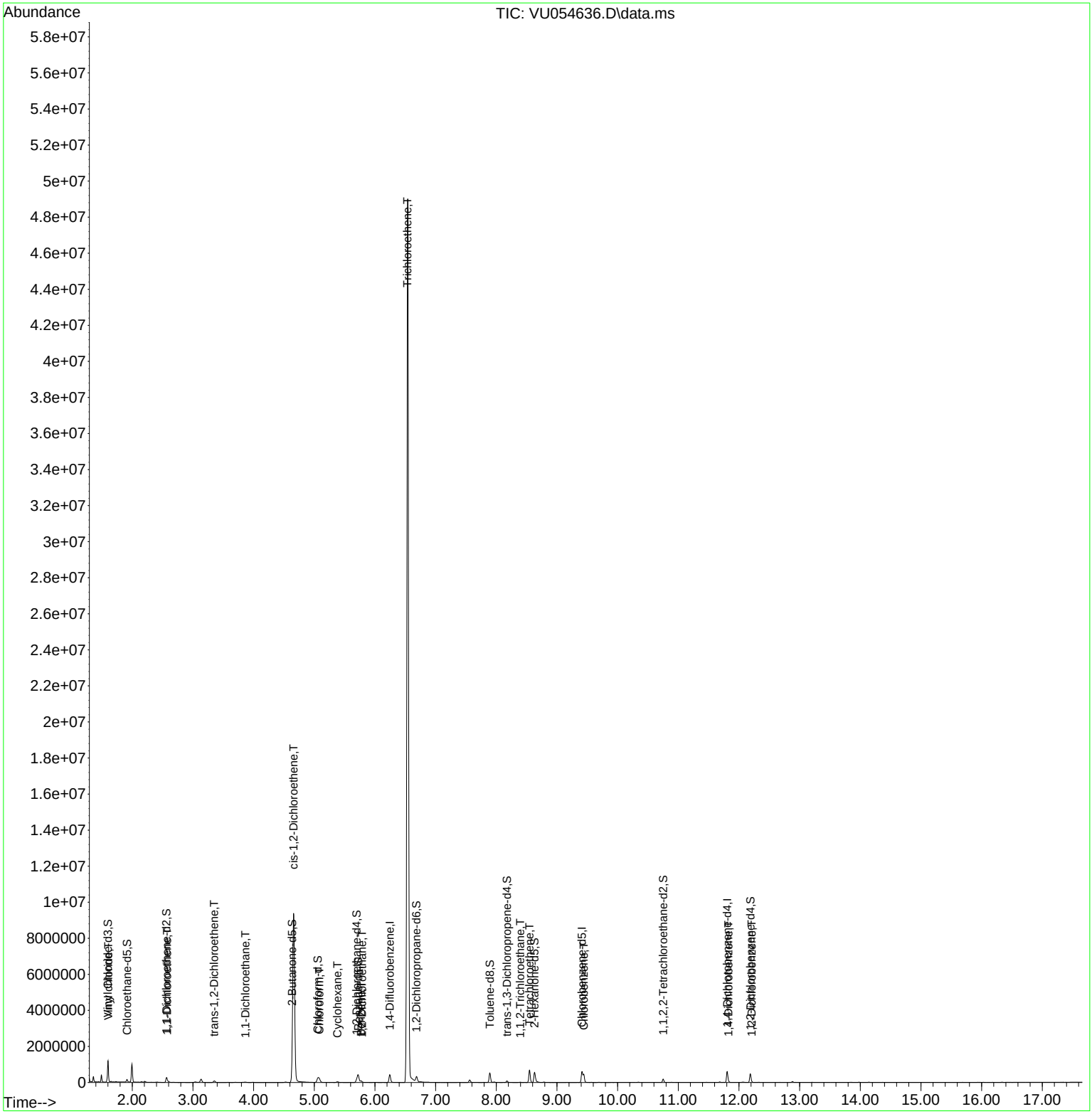
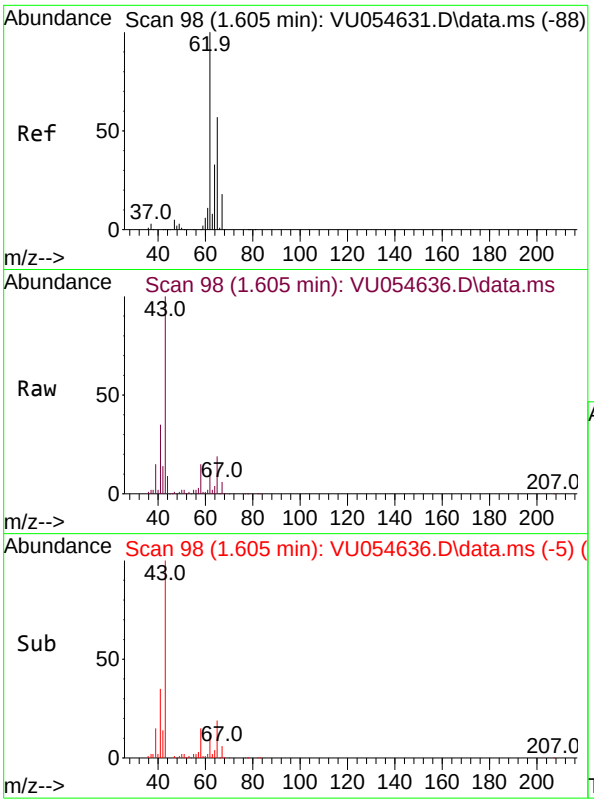
GCA38

Quant Time: Jun 22 02:43:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jun 22 02:42:14 2023
Response via : Initial Calibration



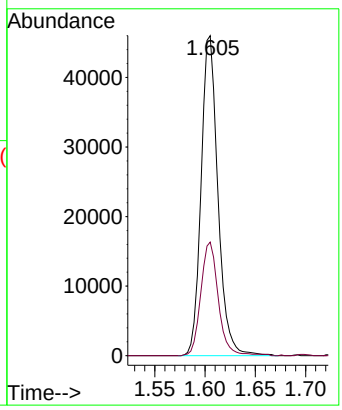


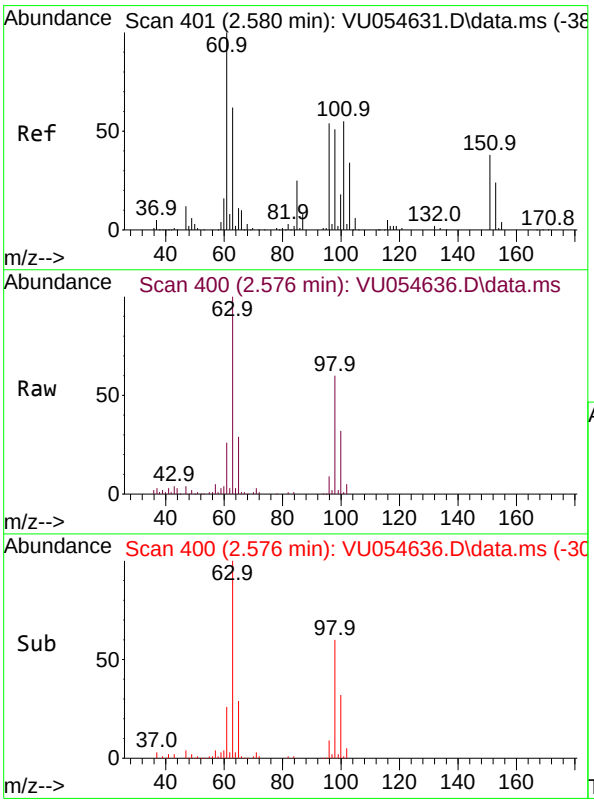
#5
Vinyl chloride
Concen: 1.433 ug/L
RT: 1.605 min Scan# 9
Delta R.T. -0.000 min
Lab File: VU054636.D
Acq: 21 Jun 2023 12:16

Instrument :
MSVOA_U
ClientSampleId :
GCA38

Tgt Ion: 62 Resp: 53545

Ion	Ratio	Lower	Upper
62	100		
64	35.5	23.0	42.6

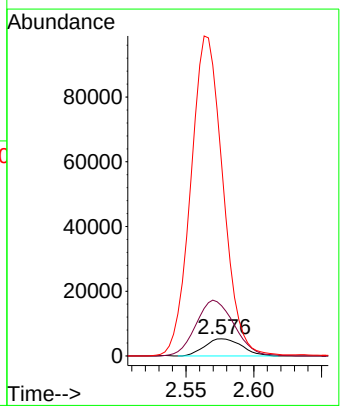


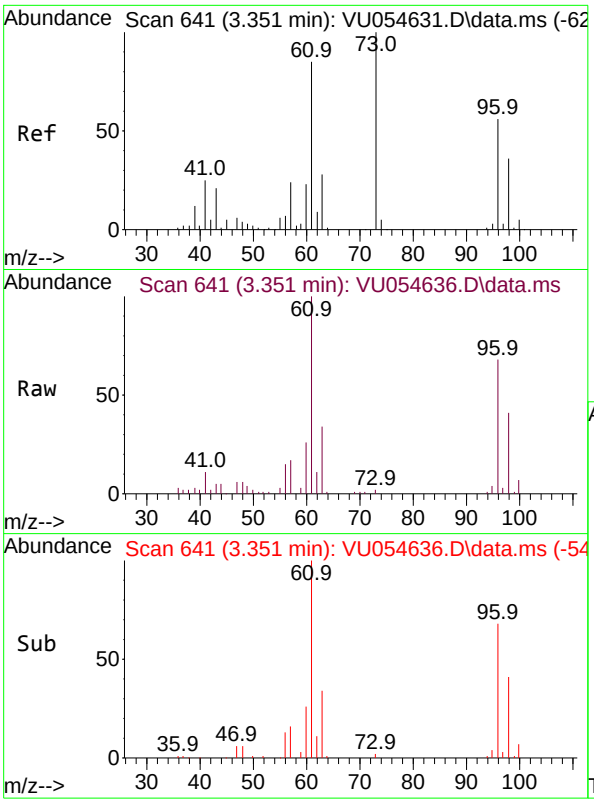


#12
1,1-Dichloroethene
Concen: 0.408 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU054636.D
Acq: 21 Jun 2023 12:16

Tgt Ion: 96 Resp: 10038

Ion	Ratio	Lower	Upper
96	100		
61	292.1	119.9	222.7#
63	1118.9	64.3	119.3#



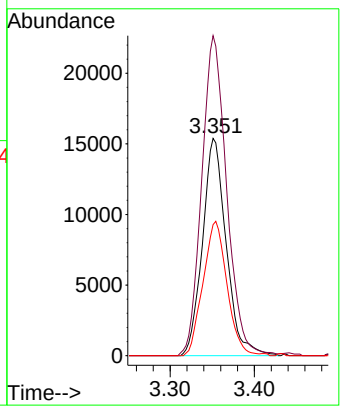


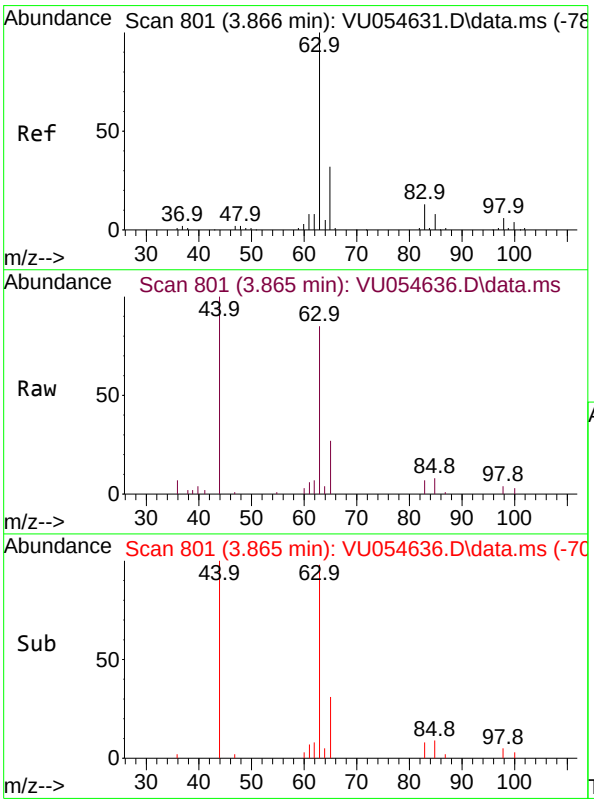
#18
trans-1,2-Dichloroethene
Concen: 1.188 ug/L
RT: 3.351 min Scan# 64
Delta R.T. -0.000 min
Lab File: VU054636.D
Acq: 21 Jun 2023 12:16

Instrument :
MSVOA_U
ClientSampleId :
GCA38

Tgt Ion: 96 Resp: 30170

Ion	Ratio	Lower	Upper
96	100		
61	147.3	104.6	194.2
98	60.3	45.4	84.4

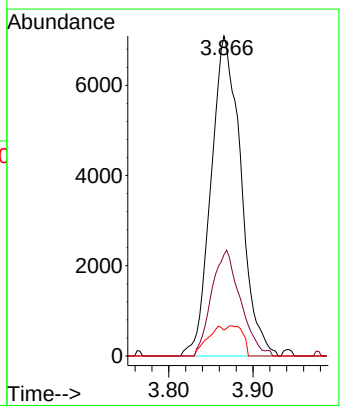


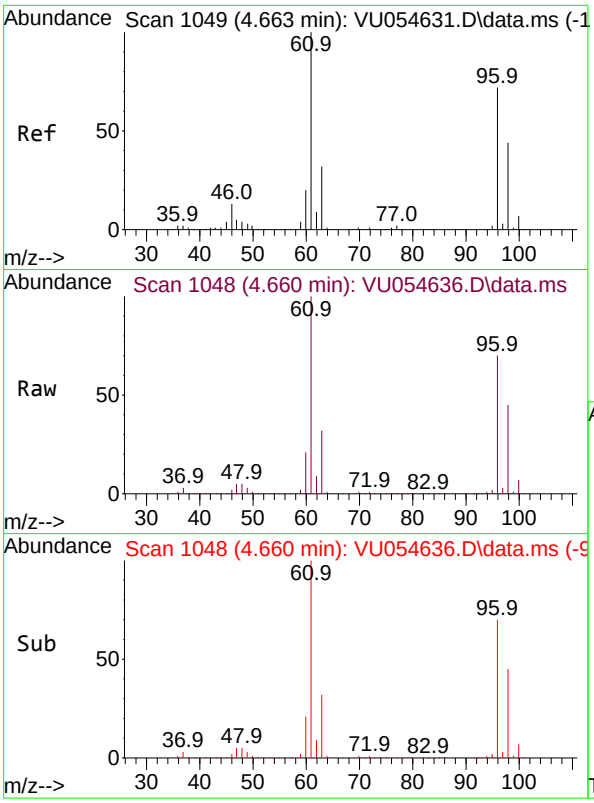


#19
1,1-Dichloroethane
Concen: 0.331 ug/L
RT: 3.865 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU054636.D
Acq: 21 Jun 2023 12:16

Tgt Ion: 63 Resp: 17382

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.2	41.2
83	8.1	9.0	16.6#



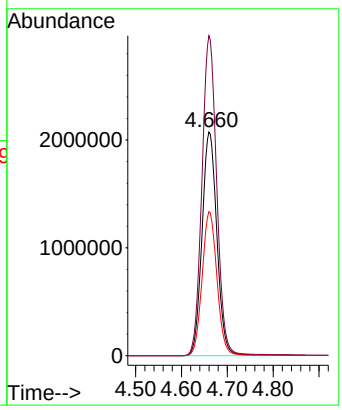


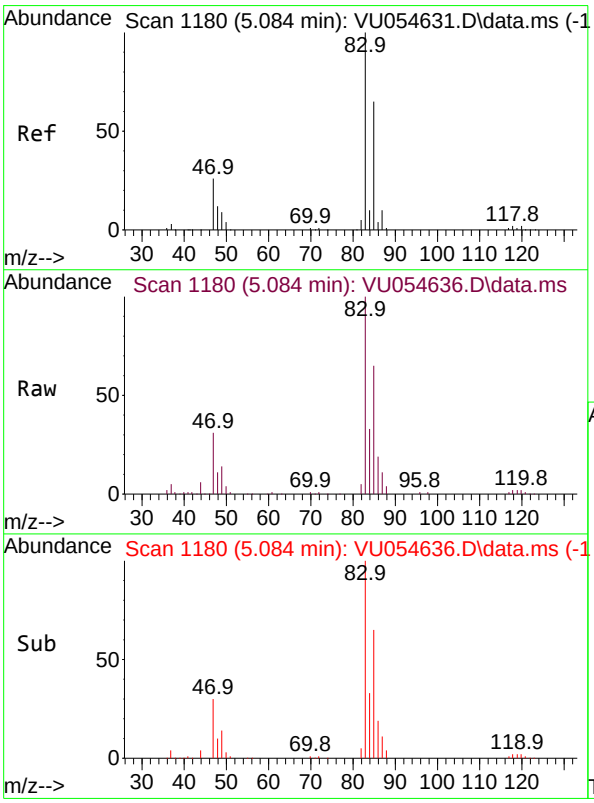
#22
cis-1,2-Dichloroethene
Concen: 162.058 ug/L
RT: 4.660 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU054636.D
Acq: 21 Jun 2023 12:16

Instrument :
MSVOA_U
ClientSampleId :
GCA38

Tgt Ion: 96 Resp: 4686906

Ion	Ratio	Lower	Upper
96	100		
61	143.0	96.5	179.1
98	64.3	44.9	83.3

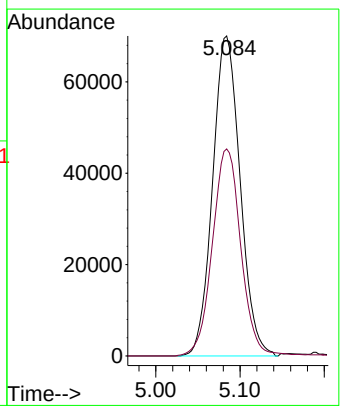


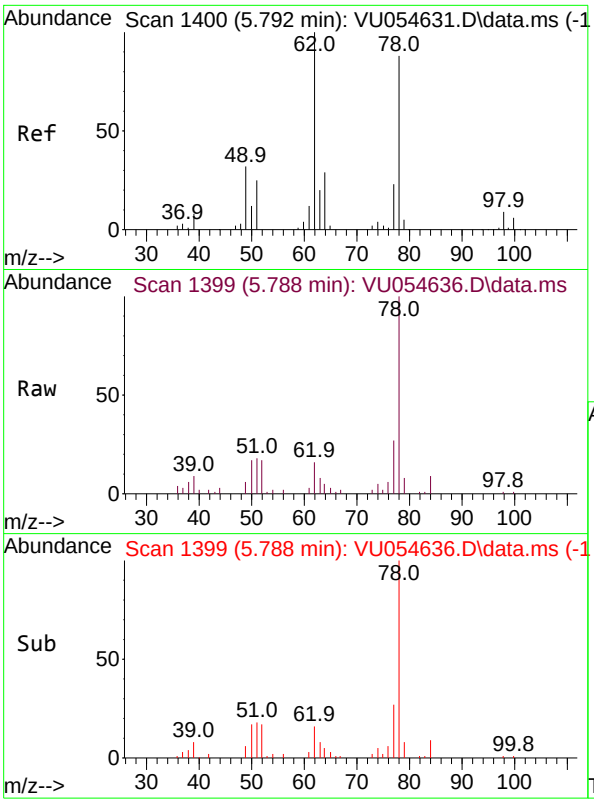


#25
Chloroform
Concen: 3.064 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VU054636.D
Acq: 21 Jun 2023 12:16

Tgt Ion: 83 Resp: 158745

Ion	Ratio	Lower	Upper
83	100		
85	64.7	44.7	82.9



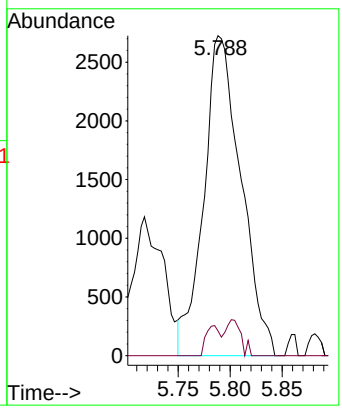


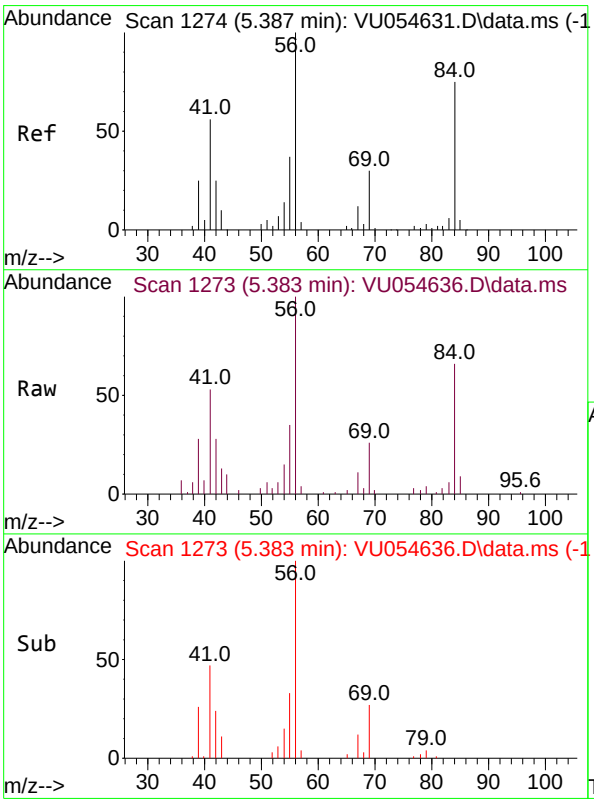
#27
1,2-Dichloroethane
Concen: 0.223 ug/L
RT: 5.788 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU054636.D
Acq: 21 Jun 2023 12:16

Instrument :
MSVOA_U
ClientSampleId :
GCA38

Tgt Ion: 62 Resp: 6781

Ion	Ratio	Lower	Upper
62	100		
98	7.7	7.8	11.6#

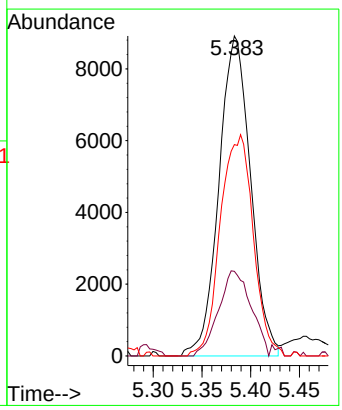


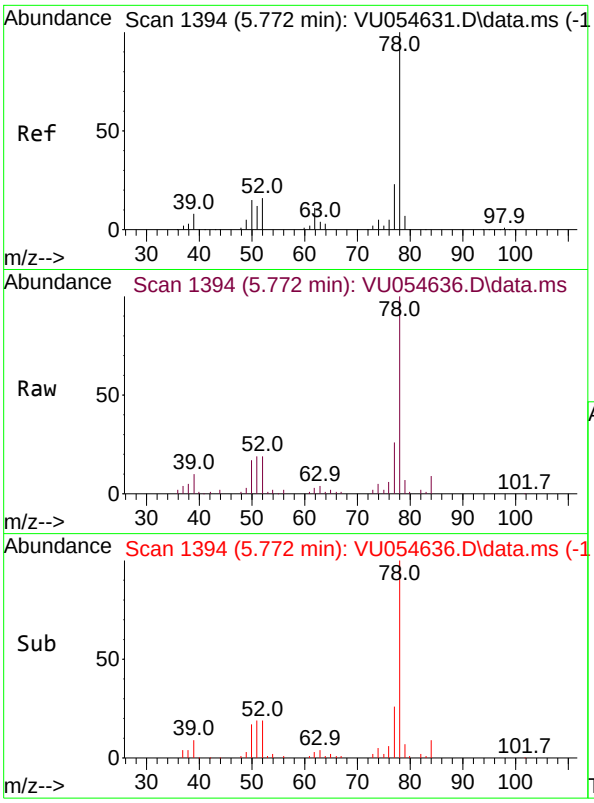


#30
Cyclohexane
Concen: 0.423 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.003 min
Lab File: VU054636.D
Acq: 21 Jun 2023 12:16

Tgt Ion: 56 Resp: 20141

Ion	Ratio	Lower	Upper
56	100		
69	27.3	23.9	35.9
84	71.8	63.0	94.6

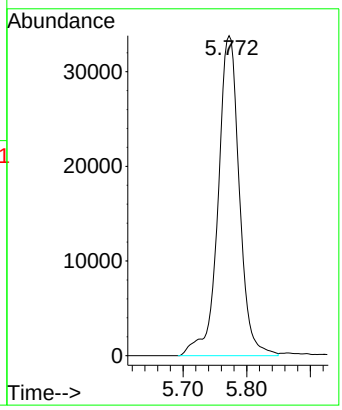


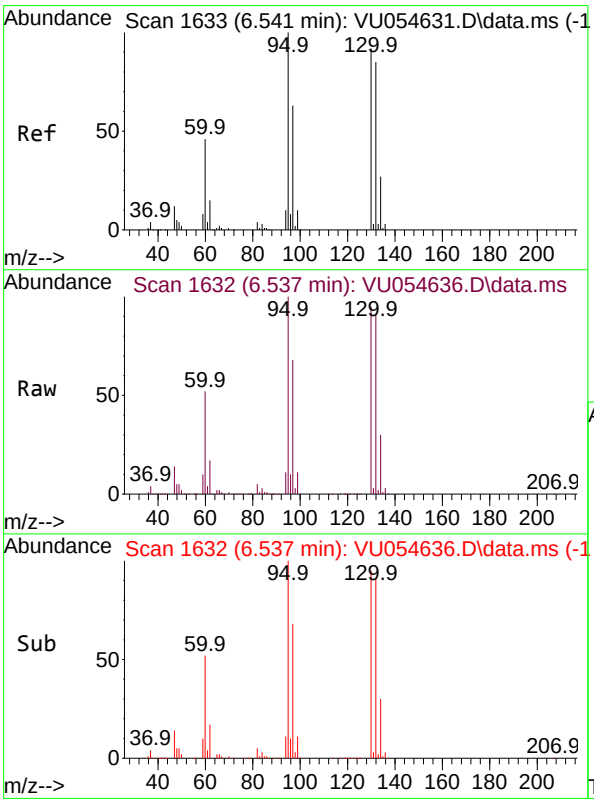


#33
Benzene
Concen: 0.678 ug/L
RT: 5.772 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU054636.D
Acq: 21 Jun 2023 12:16

Instrument :
MSVOA_U
ClientSampleId :
GCA38

Tgt Ion: 78 Resp: 78610

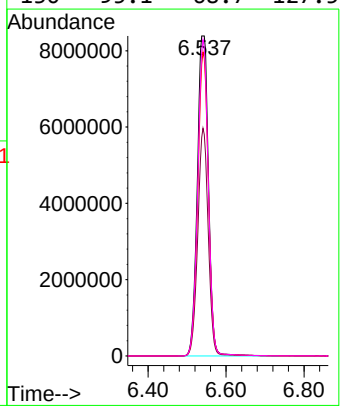


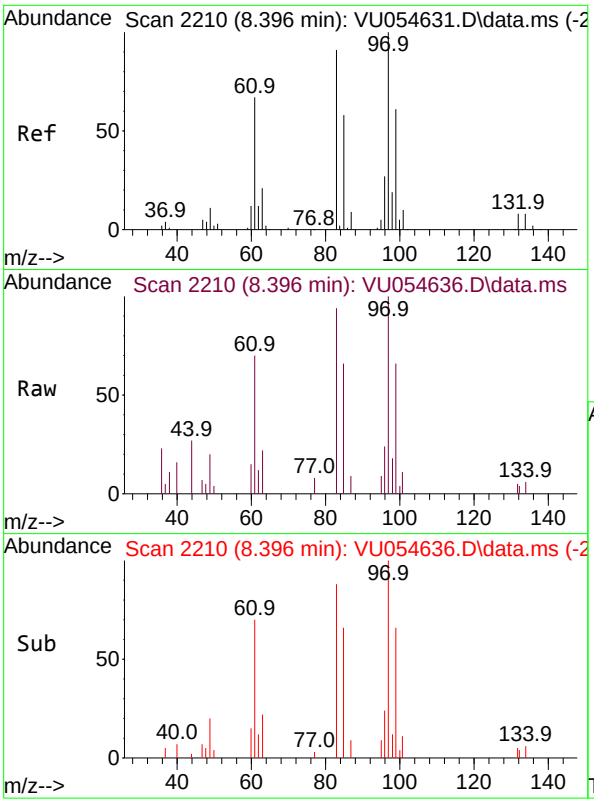


#34
Trichloroethene
Concen: 547.850 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU054636.D
Acq: 21 Jun 2023 12:16

Tgt Ion: 95 Resp:16803305

Ion	Ratio	Lower	Upper
95	100		
97	68.3	46.8	87.0
132	91.1	68.4	127.0
130	95.1	68.7	127.5



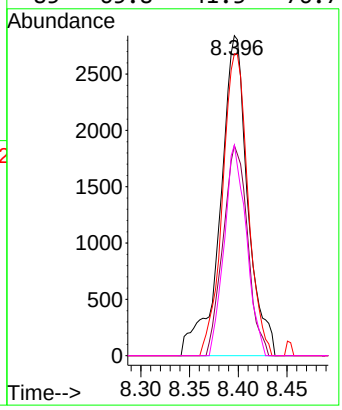


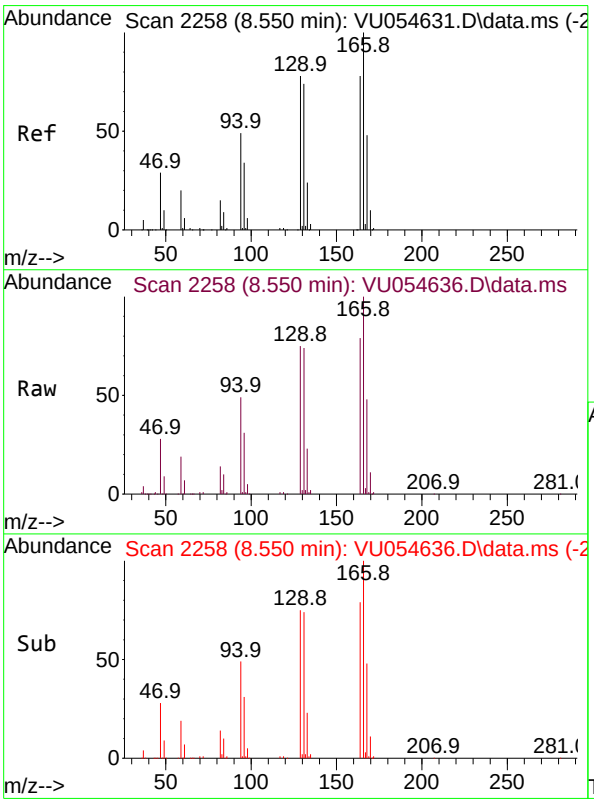
#45
1,1,2-Trichloroethane
Concen: 0.279 ug/L
RT: 8.396 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU054636.D
Acq: 21 Jun 2023 12:16

Instrument :
MSVOA_U
ClientSampleId :
GCA38

Tgt Ion: 97 Resp: 5564

Ion	Ratio	Lower	Upper
97	100		
99	65.7	43.0	80.0
83	94.4	63.8	118.6
85	65.8	41.3	76.7

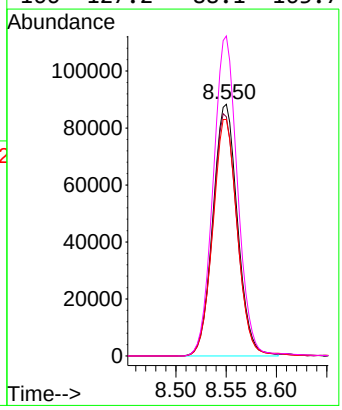


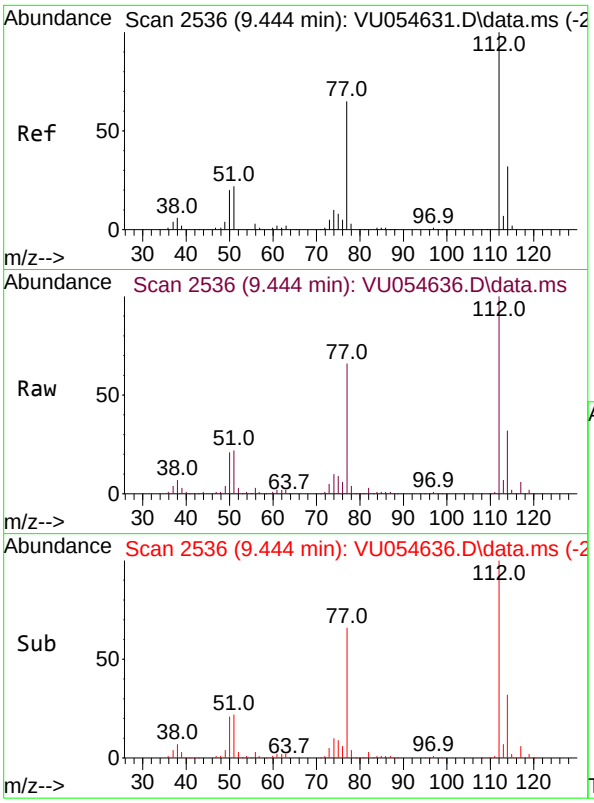


#47
Tetrachloroethene
Concen: 6.413 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054636.D
Acq: 21 Jun 2023 12:16

Tgt Ion:164 Resp: 150555

Ion	Ratio	Lower	Upper
164	100		
129	95.0	67.7	125.7
131	94.0	64.6	120.0
166	127.2	88.1	163.7



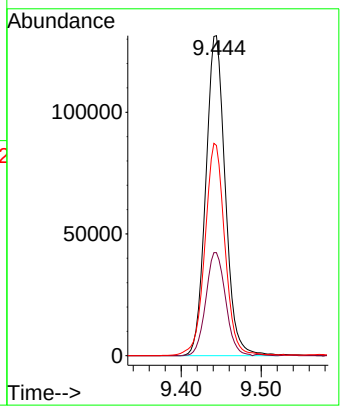


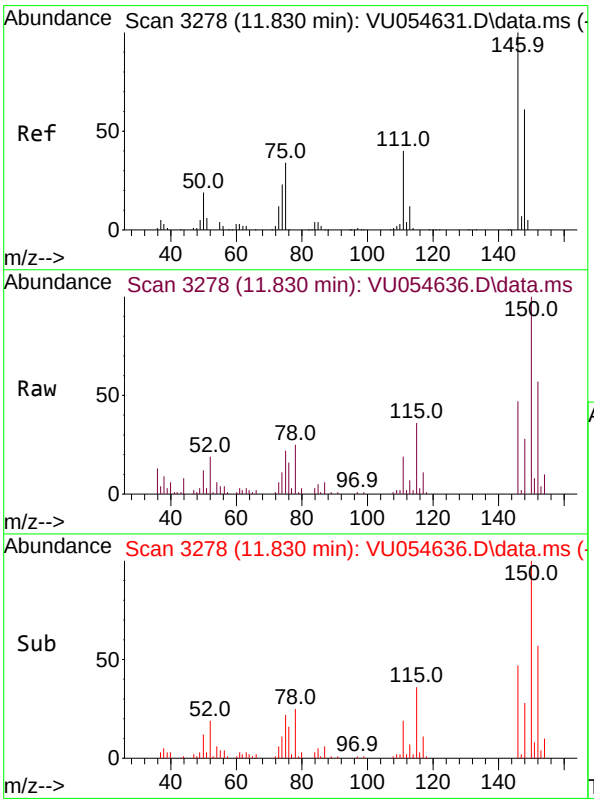
#51
Chlorobenzene
Concen: 2.990 ug/L
RT: 9.444 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU054636.D
Acq: 21 Jun 2023 12:16

Instrument :
MSVOA_U
ClientSampleId :
GCA38

Tgt Ion:112 Resp: 222632

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.7	42.1
77	65.7	49.8	74.8

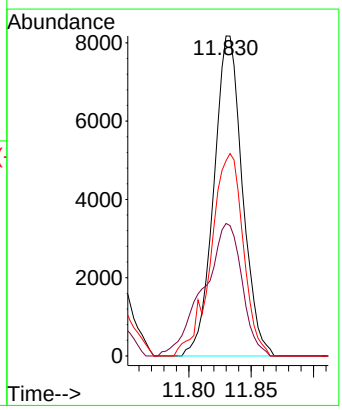


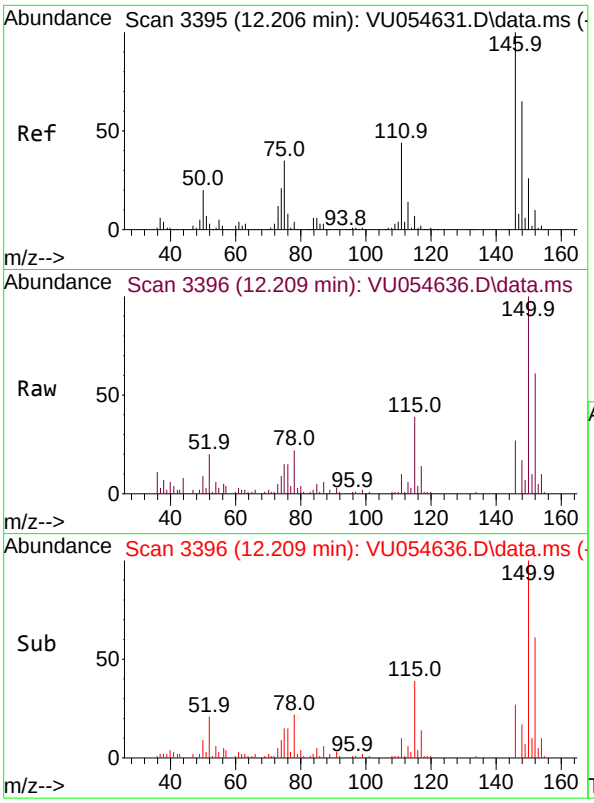


#65
1,4-Dichlorobenzene
Concen: 0.249 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU054636.D
Acq: 21 Jun 2023 12:16

Tgt Ion:146 Resp: 13057

Ion	Ratio	Lower	Upper
146	100		
111	41.4	28.0	52.0
148	61.0	44.7	83.1





#67
1,2-Dichlorobenzene
Concen: 0.174 ug/L
RT: 12.209 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU054636.D
Acq: 21 Jun 2023 12:16

Instrument :
MSVOA_U
ClientSampleId :
GCA38

Tgt Ion:146 Resp: 8375

Ion	Ratio	Lower	Upper
146	100		
111	36.0	34.5	51.7
148	61.9	50.9	76.3