Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051953.D
Acq On : 19 Nov 2022 14:19
Operator : JC/MD
Sample : N5693-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBN91

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

Quant Time: Nov 19 21:44:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 19 21:39:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	224477	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	230278	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	87360	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	103212	4.727	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.600%			
7) Chloroethane-d5	1.909	69	83229	4.907	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.200%			
11) 1,1-Dichloroethene-d2	2.565	65	36402	4.651	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.000%			
20) 2-Butanone-d5	4.620	46	204413	51.647	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.300%			
24) Chloroform-d	5.060	84	152940	4.767	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.400%			
26) 1,2-Dichloroethane-d4	5.700	65	83258	5.138	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.800%			
32) Benzene-d6	5.726	84	336795	4.926	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.600%			
36) 1,2-Dichloropropane-d6	6.690	67	107825	5.096	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.000%			
41) Toluene-d8	7.896	98	277832	4.492	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.800%			
43) trans-1,3-Dichloroprop...	8.179	79	34953	4.533	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.600%			
46) 2-Hexanone-d5	8.629	63	153255	46.904	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.800%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	90667	4.943	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.800%			
66) 1,2-Dichlorobenzene-d4	12.192	152	91818	5.490	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	21000	0.860	ug/L #	70
12) 1,1-Dichloroethene	2.578	96	11191	0.687	ug/L #	1
13) Acetone	2.620	43	265787	98.893	ug/L	100
16) Methylene chloride	3.044	84	49545	2.249	ug/L	93
18) trans-1,2-Dichloroethene	3.353	96	71537	4.098	ug/L	96
22) cis-1,2-Dichloroethene	4.661	96	11652176	636.042	ug/L	96
25) Chloroform	5.086	83	18350	0.576	ug/L	93
34) Trichloroethene	6.536	95	28813807m	1541.471	ug/L	
38) Bromodichloromethane	7.105	83	2925	0.124	ug/L #	90
47) Tetrachloroethene	8.552	164	44797	3.127	ug/L	97

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

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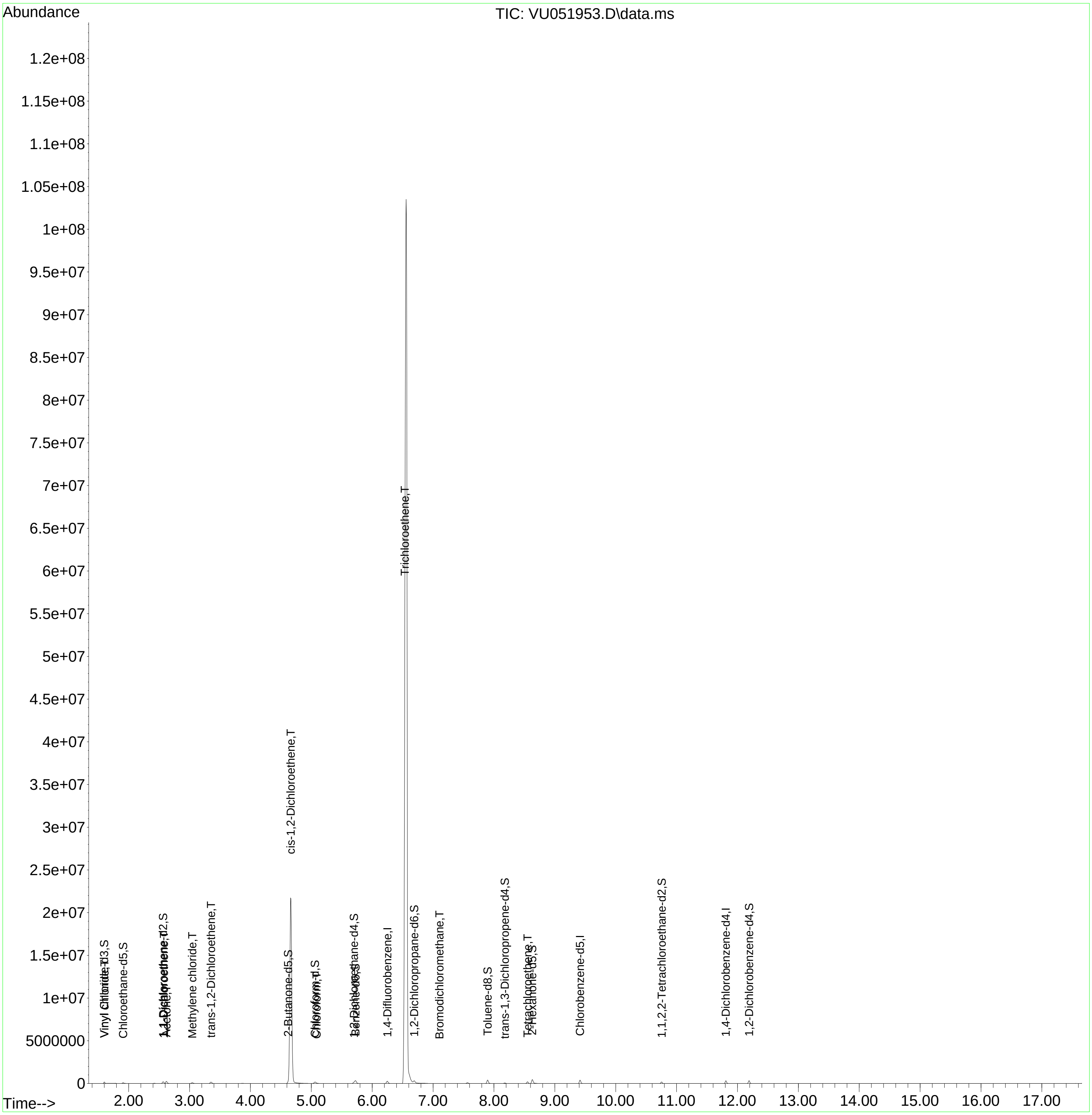

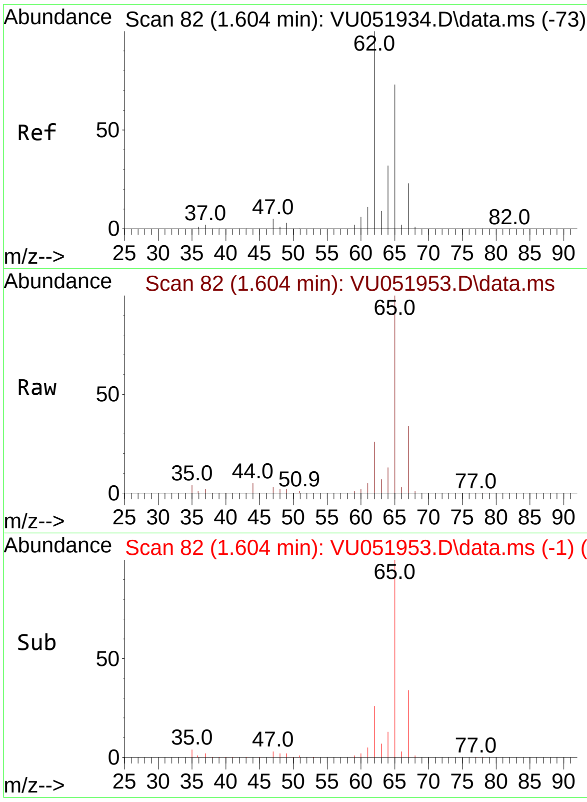

#5
Vinyl chloride
Concen: 0.860 ug/L
RT: 1.604 min   Scan# 8
Delta R.T.   -0.000 min
Lab File: VU051953.D
Acq: 19 Nov 2022   14:19

Tgt Ion: 62 Resp: 2100

Ion	Ratio	Lower	Upper
62	100		
64	50.8	23.5	43.7

Instrument :
MSVOA_U
ClientSampleId :
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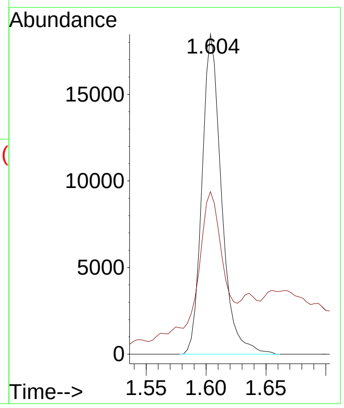
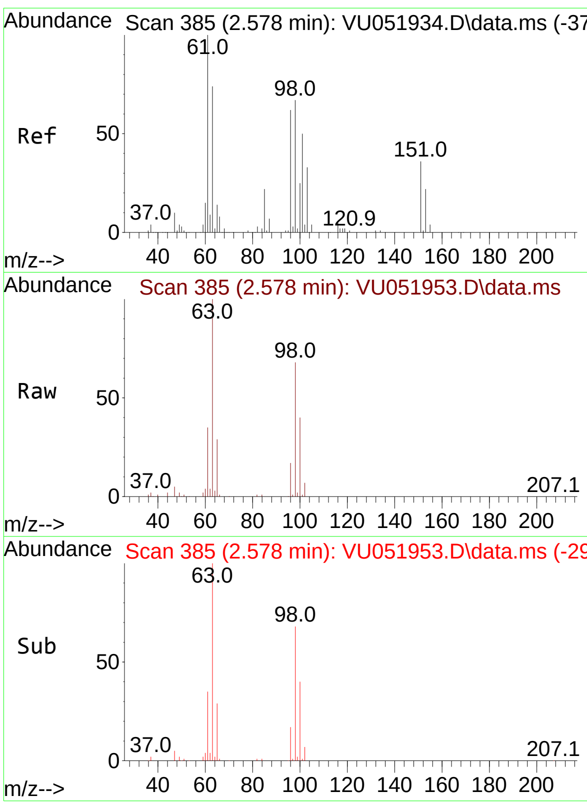
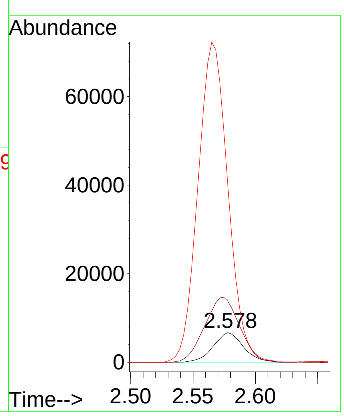


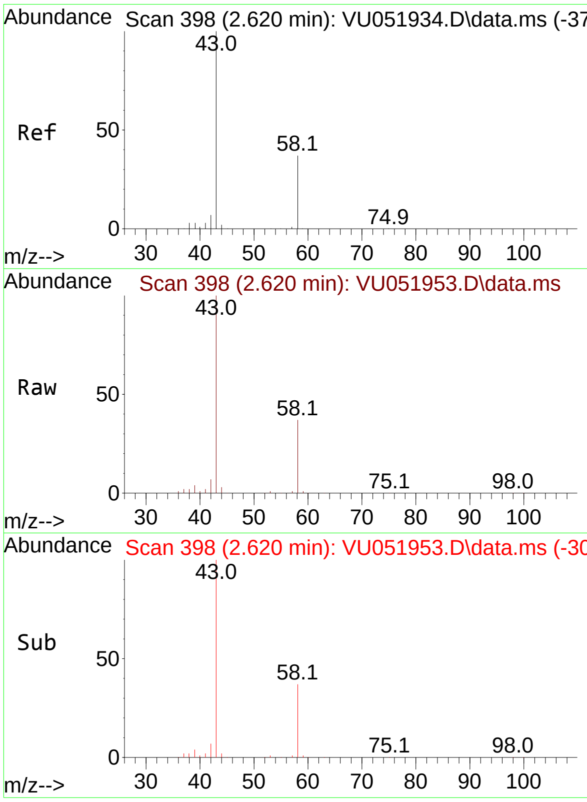


#12
1,1-Dichloroethene
Concen: 0.687 ug/L
RT: 2.578 min   Scan# 385
Delta R.T.   -0.000 min
Lab File: VU051953.D
Acq: 19 Nov 2022   14:19

Tgt Ion: 96 Resp: 11191

Ion	Ratio	Lower	Upper
96	100		
61	207.2	114.8	213.2
63	600.1	93.7	174.1#





#13
Acetone
Concen: 98.893 ug/L
RT: 2.620 min   Scan# 3
Delta R.T.   -0.000 min
Lab File: VU051953.D
Acq: 19 Nov 2022   14:19

Instrument :
MSVOA_U
ClientSampleId :
GBN91

Tgt Ion: 43 Resp: 26578

Ion	Ratio	Lower	Upper
43	100		
58	37.7	0.0	76.0

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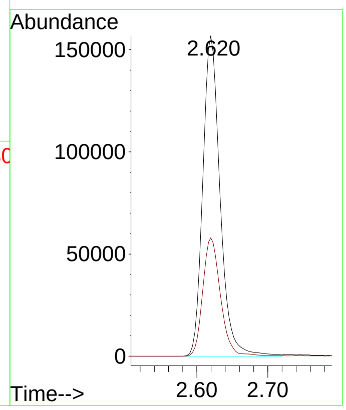
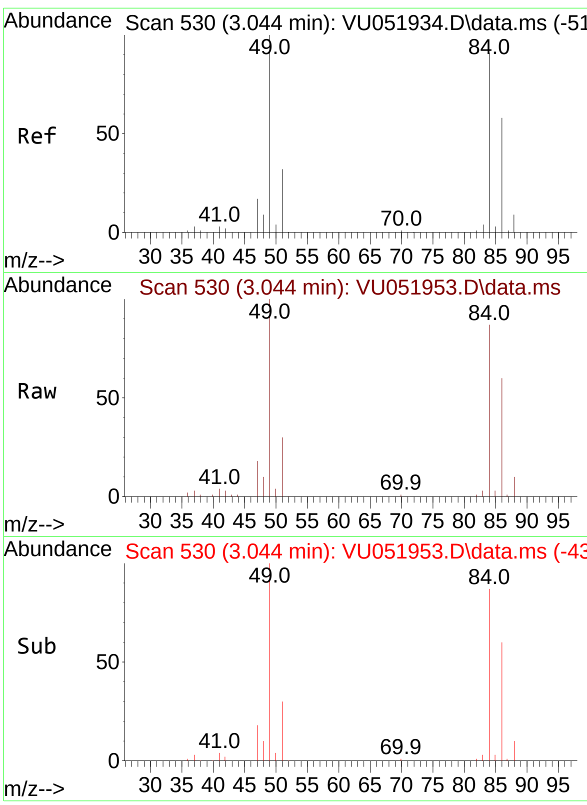
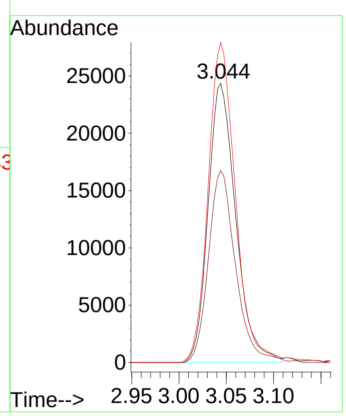


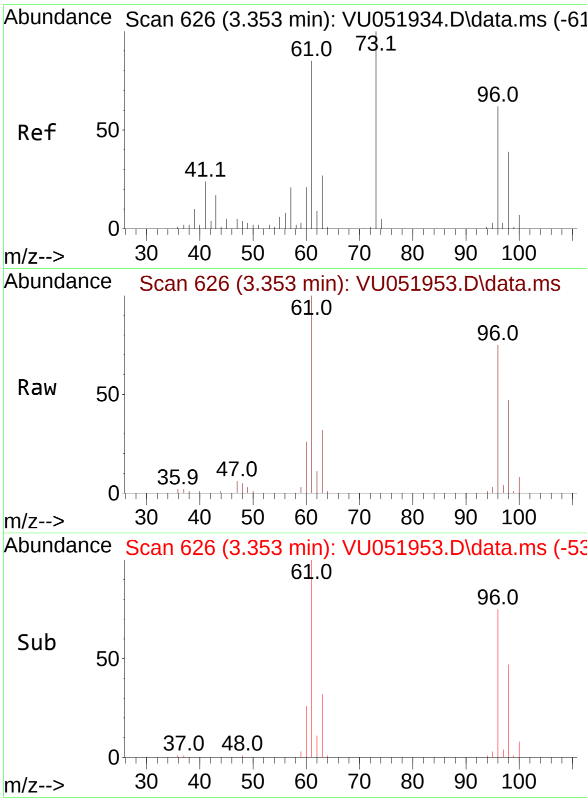


#16
Methylene chloride
Concen: 2.249 ug/L
RT: 3.044 min   Scan# 530
Delta R.T.   -0.000 min
Lab File: VU051953.D
Acq: 19 Nov 2022   14:19

Tgt Ion: 84 Resp: 49545

Ion	Ratio	Lower	Upper
84	100		
86	68.7	43.8	81.4
49	114.7	75.9	141.1






```
#18
trans-1,2-Dichloroethene
Concen:     4.098 ug/L
RT:    3.353 min   Scan# 6
Delta R.T.   -0.000 min
Lab File:    VU051953.D
Acq: 19 Nov 2022   14:19

Tgt Ion: 96 Resp:    7153
Ion   Ratio   Lower   Upper
 96   100
 61   133.7    97.9   181.7
 98    63.5    43.8    81.3
```

Instrument :
MSVOA_U
ClientSampleId :
GBN91

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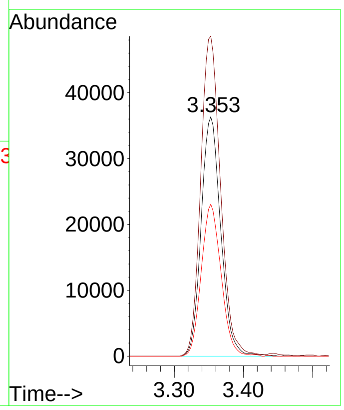
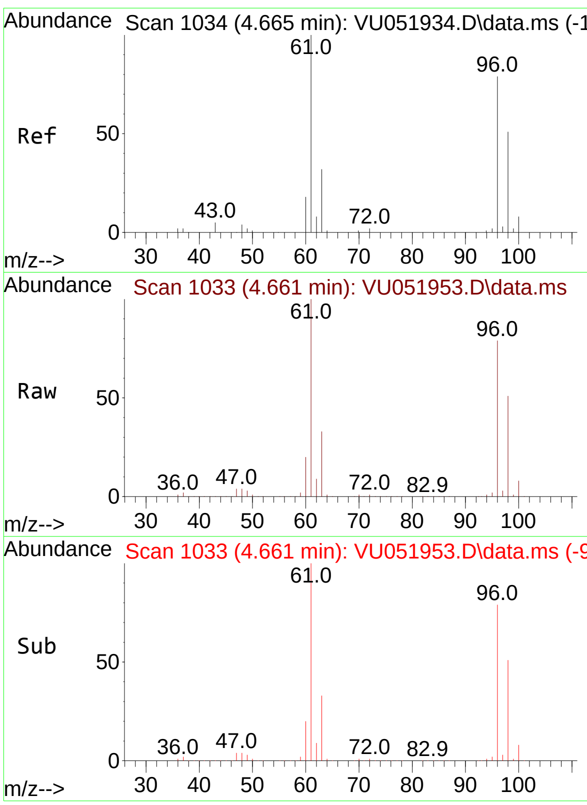
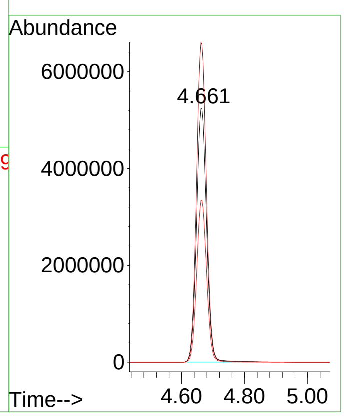
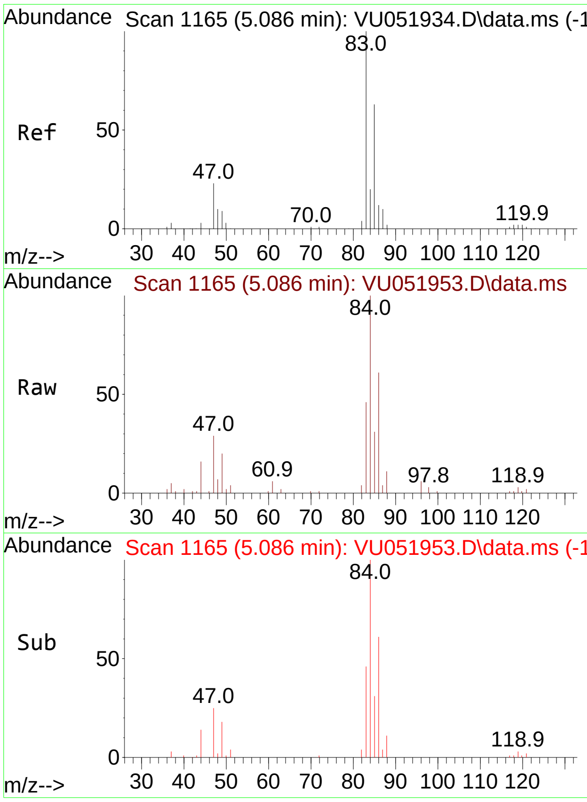





```
#22
cis-1,2-Dichloroethene
Concen:   636.042 ug/L
RT:    4.661 min   Scan# 1033
Delta R.T.   -0.003 min
Lab File:    VU051953.D
Acq: 19 Nov 2022   14:19

Tgt Ion: 96 Resp:11652176
Ion   Ratio   Lower   Upper
 96   100
 61   126.0    85.1   158.1
 98    63.7    42.8    79.6
```





#25
Chloroform
Concen: 0.576 ug/L
RT: 5.086 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU051953.D
Acq: 19 Nov 2022 14:19

Tgt Ion: 83 Resp: 1835

Ion	Ratio	Lower	Upper
83	100		
85	68.0	43.8	81.4

Instrument :
MSVOA_U
ClientSampleId :
GBN91

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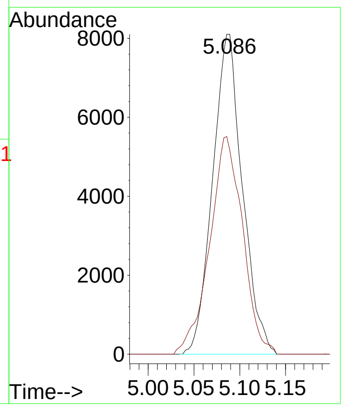
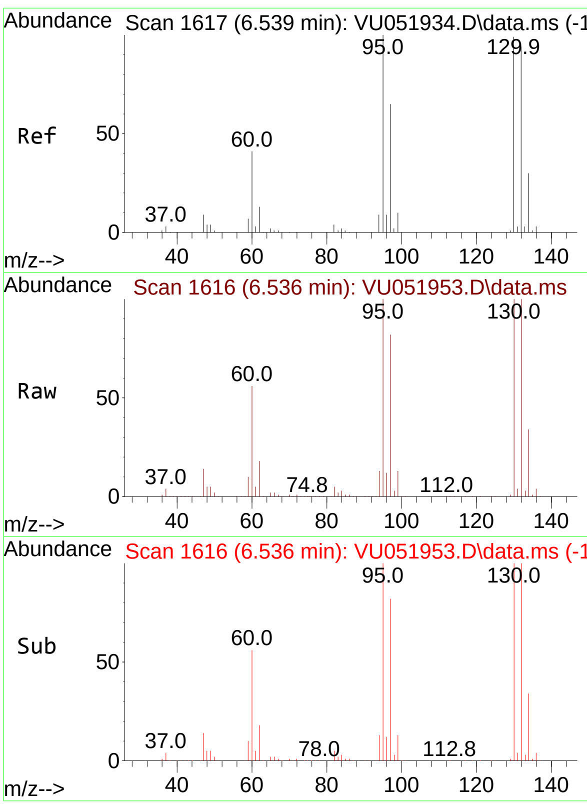
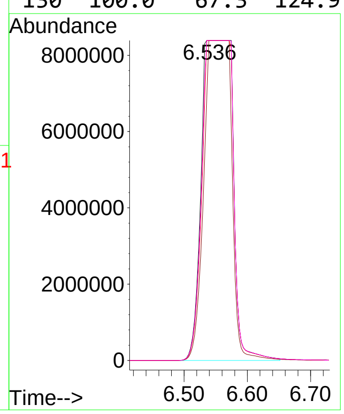


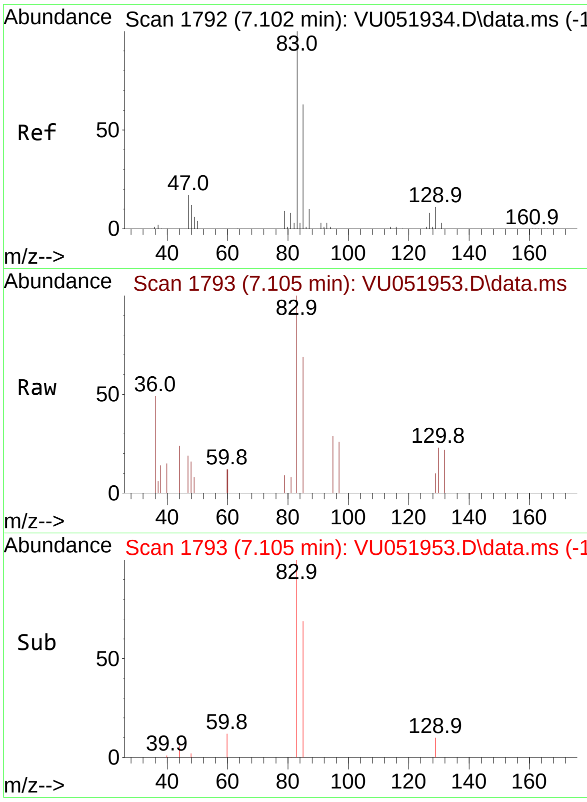


#34
Trichloroethene
Concen: 1541.471 ug/L m
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU051953.D
Acq: 19 Nov 2022 14:19

Tgt Ion: 95 Resp:28813807

Ion	Ratio	Lower	Upper
95	100		
97	82.2	43.7	81.1#
132	100.0	64.3	119.3
130	100.0	67.3	124.9





#38
Bromodichloromethane
Concen: 0.124 ug/L
RT: 7.105 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051953.D
Acq: 19 Nov 2022 14:19

Instrument :
MSVOA_U
ClientSampleId :
GBN91

Tgt Ion: 83 Resp: 292

Ion	Ratio	Lower	Upper
83	100		
85	68.6	43.5	80.9
127	0.0	6.8	10.2

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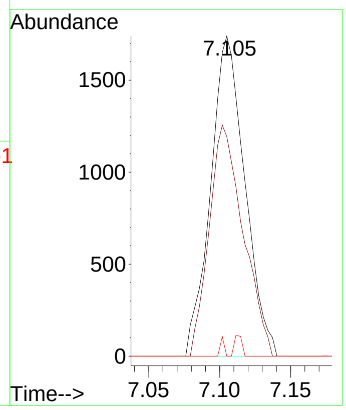

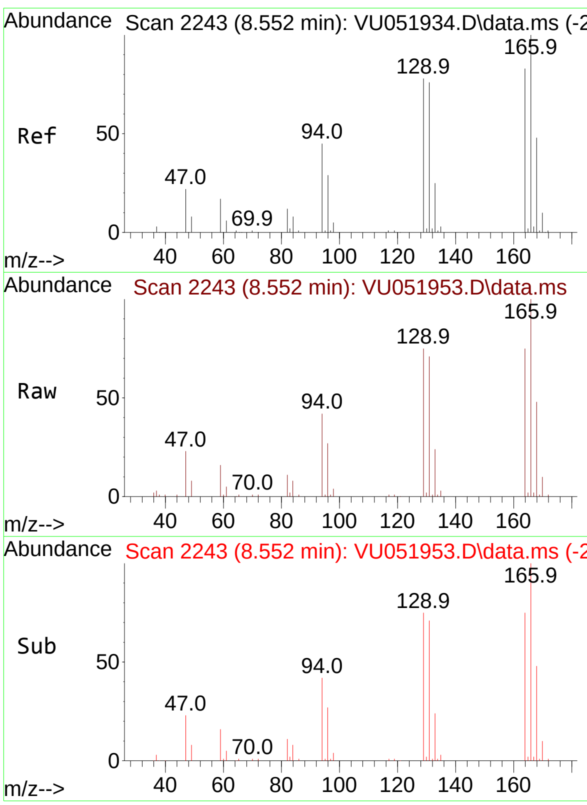

#47
Tetrachloroethene
Concen: 3.127 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051953.D
Acq: 19 Nov 2022 14:19

Tgt Ion:164 Resp: 44797

Ion	Ratio	Lower	Upper
164	100		
129	100.8	67.4	125.2
131	95.6	67.1	124.7
166	133.9	89.7	166.5