

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058246.D
 Acq On : 28 Mar 2024 17:52
 Operator : MD/SY
 Sample : P1902-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOC0

Quant Time: Mar 29 01:12:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 29 01:09:13 2024
 Response via : Initial Calibration

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

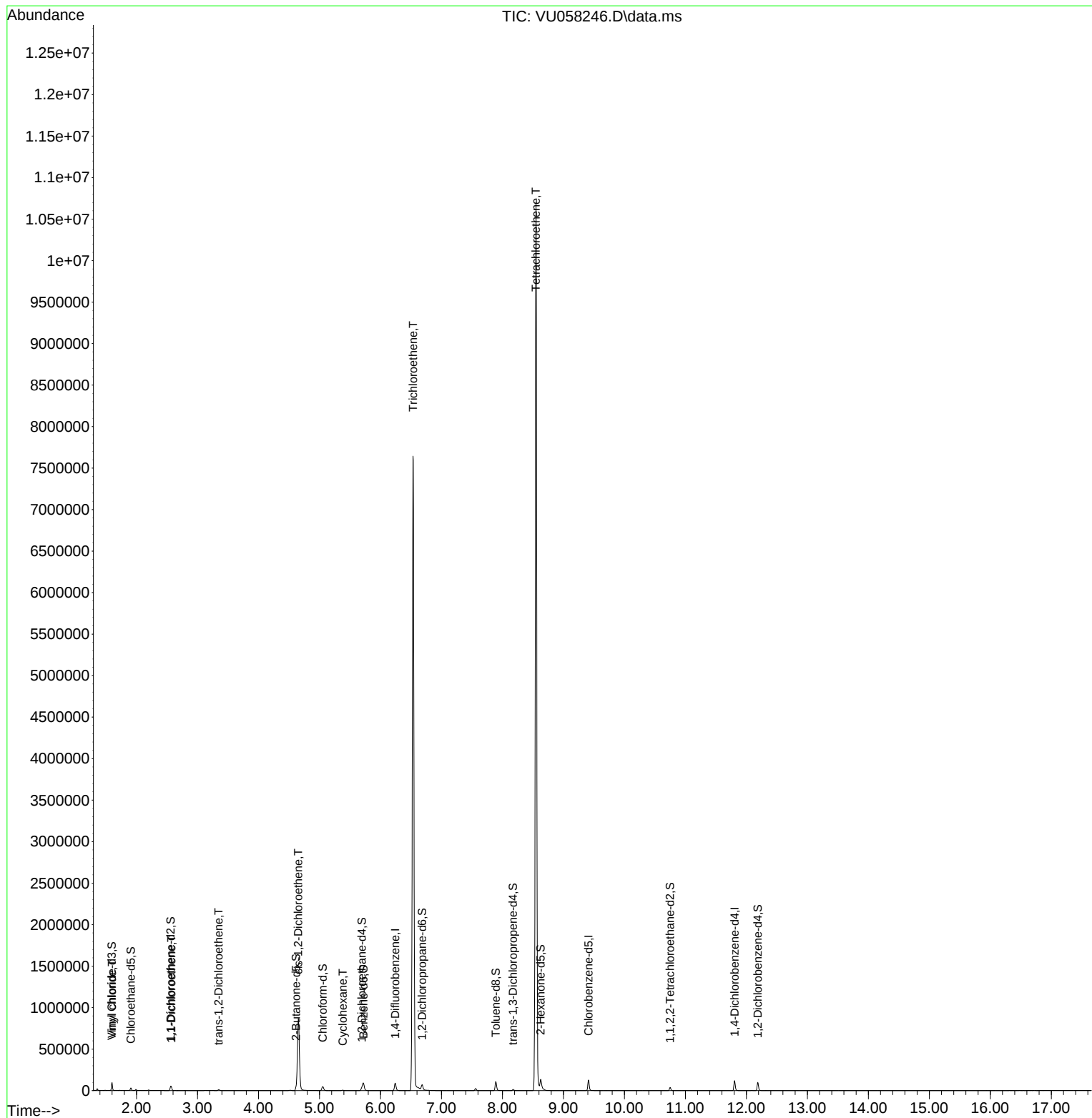
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	72860	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	69806	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30767	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20748	3.370	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.400%	
7) Chloroethane-d5	1.907	69	20634	4.106	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.200%	
11) 1,1-Dichloroethene-d2	2.560	65	8919	3.489	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.800%	
20) 2-Butanone-d5	4.618	46	50865	46.501	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.000%	
24) Chloroform-d	5.055	84	45195	4.106	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.200%	
26) 1,2-Dichloroethane-d4	5.695	65	22786	4.428	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.600%	
32) Benzene-d6	5.721	84	88804	3.917	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.400%	
36) 1,2-Dichloropropane-d6	6.682	67	28719	4.298	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.000%	
41) Toluene-d8	7.891	98	73007	3.635	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.600%	
43) trans-1,3-Dichloroprop...	8.174	79	8344	3.897	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.000%	
46) 2-Hexanone-d5	8.627	63	40944	47.220	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.440%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19511	4.482	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	25564	4.462	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.200%	
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	43182	10.338	ug/L	100
12) 1,1-Dichloroethene	2.573	96	6205	1.699	ug/L #	62
18) trans-1,2-Dichloroethene	3.348	96	4572	1.198	ug/L	88
22) cis-1,2-Dichloroethene	4.653	96	437933	92.840	ug/L	96
30) Cyclohexane	5.380	56	2652	0.421	ug/L #	91
34) Trichloroethene	6.534	95	2586208	541.438	ug/L	96
47) Tetrachloroethene	8.550	164	2083018	651.076	ug/L	96

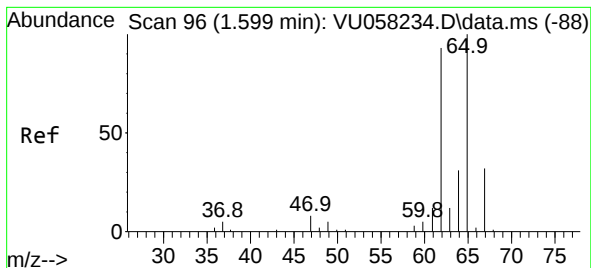
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 29 01:09:13 2024
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#5

Vinyl chloride

Concen: 10.338 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU058246.D

Acq: 28 Mar 2024 17:52

Instrument :

MSVOA_U

ClientSampleId :

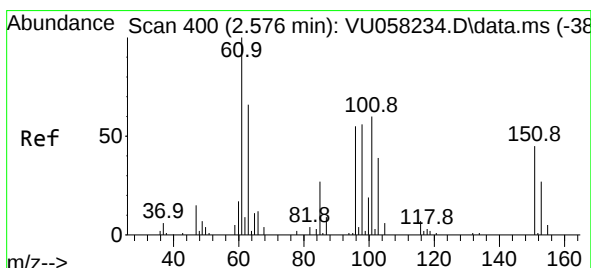
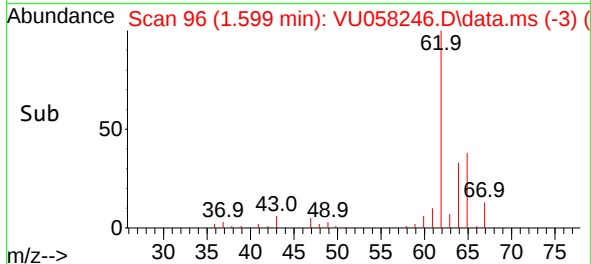
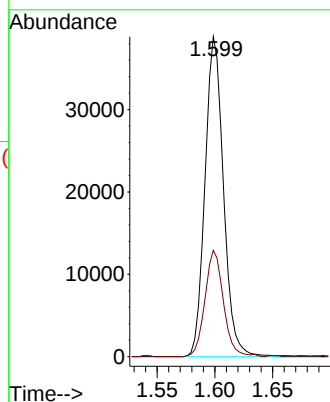
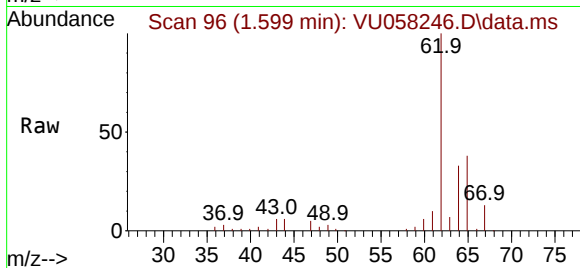
DCOC0

Tgt Ion: 62 Resp: 43182

Ion Ratio Lower Upper

62 100

64 33.3 23.4 43.6



#12

1,1-Dichloroethene

Concen: 1.699 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU058246.D

Acq: 28 Mar 2024 17:52

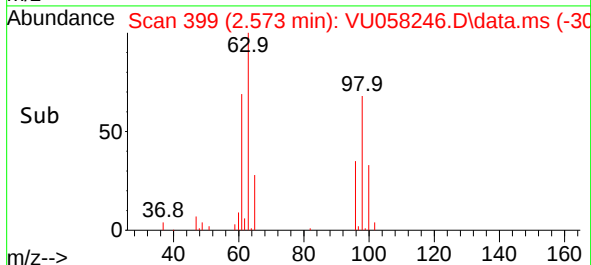
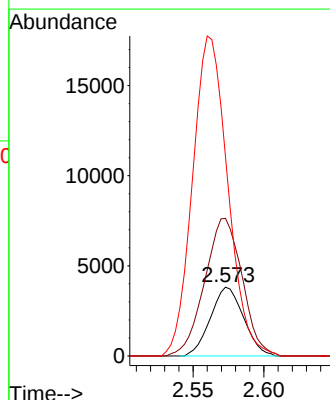
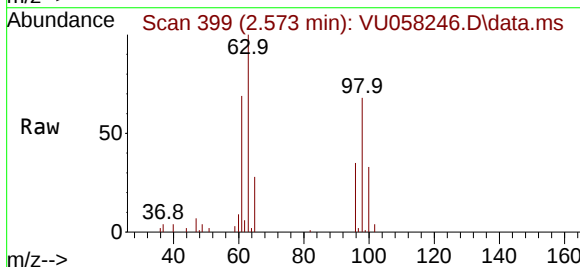
Tgt Ion: 96 Resp: 6205

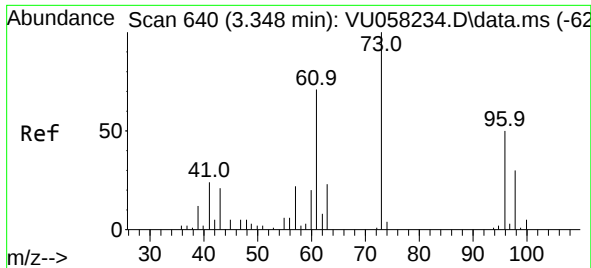
Ion Ratio Lower Upper

96 100

61 187.4 128.1 237.9

63 271.3 116.8 217.0#

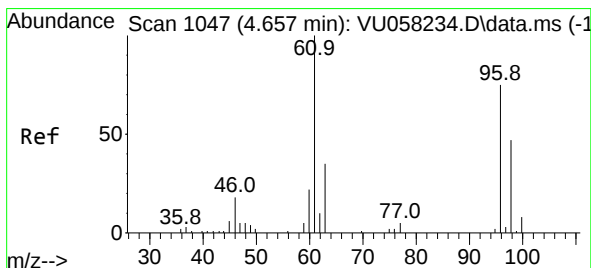
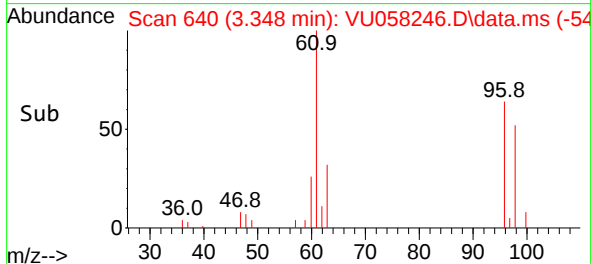
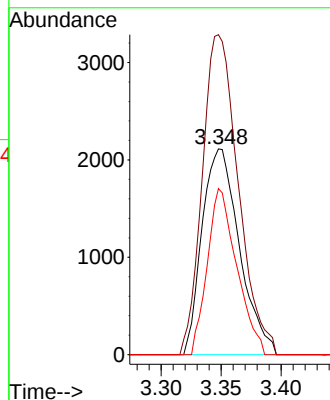
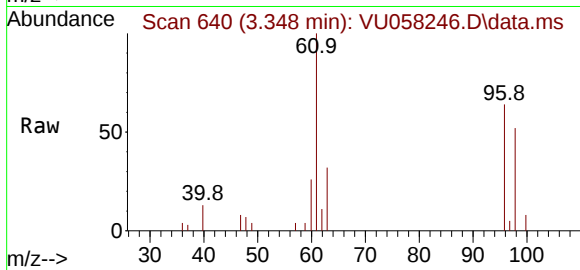




#18
trans-1,2-Dichloroethene
Concen: 1.198 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU058246.D
Acq: 28 Mar 2024 17:52

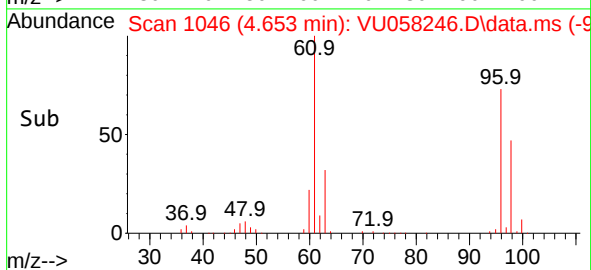
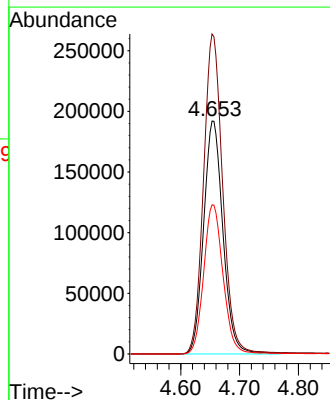
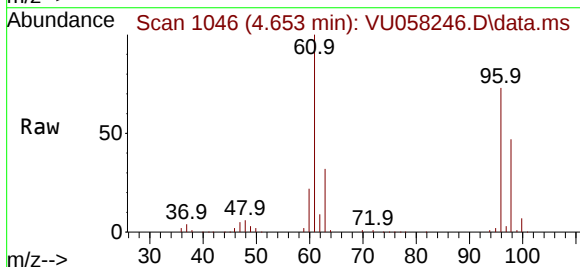
Instrument :
MSVOA_U
ClientSampleId :
DCOC0

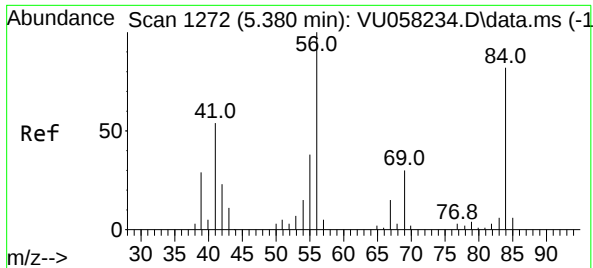
Tgt Ion: 96 Resp: 4572
Ion Ratio Lower Upper
96 100
61 155.6 102.5 190.3
98 80.7 44.0 81.8



#22
cis-1,2-Dichloroethene
Concen: 92.840 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU058246.D
Acq: 28 Mar 2024 17:52

Tgt Ion: 96 Resp: 437933
Ion Ratio Lower Upper
96 100
61 137.4 92.8 172.4
98 64.0 43.2 80.2

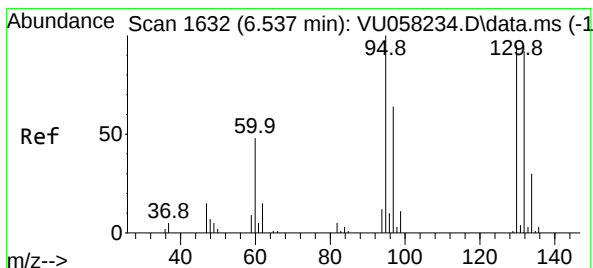
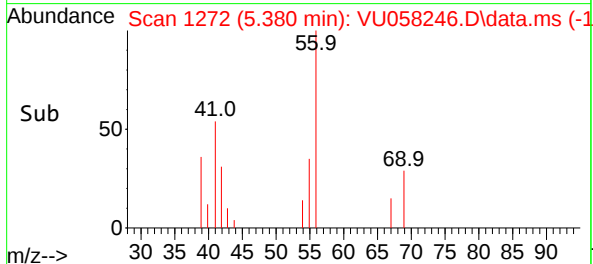
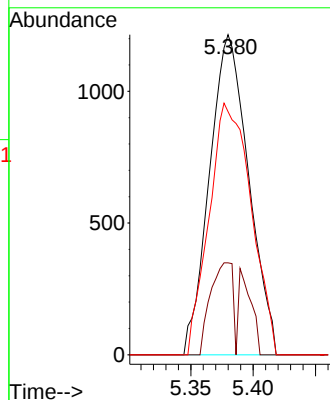
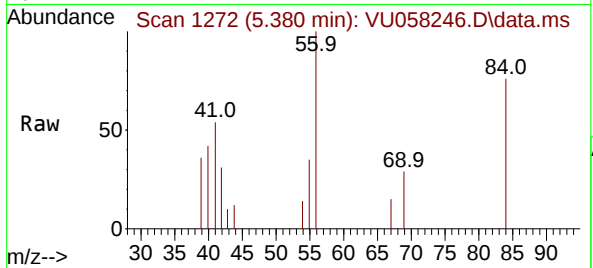




#30
Cyclohexane
Concen: 0.421 ug/L
RT: 5.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU058246.D
Acq: 28 Mar 2024 17:52

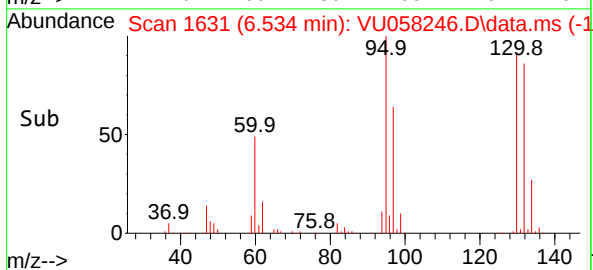
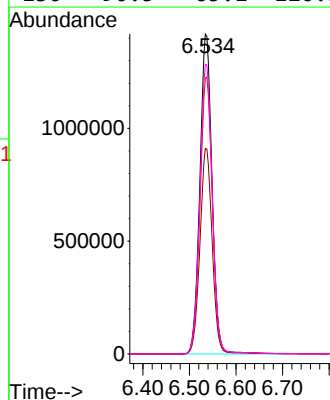
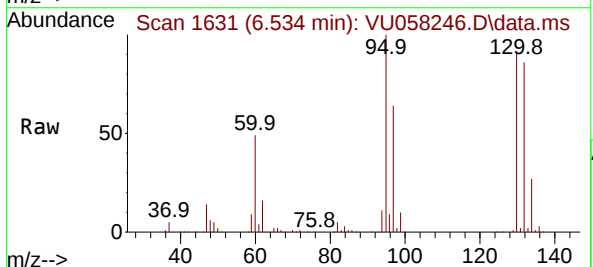
Instrument :
MSVOA_U
ClientSampleId :
DCOC0

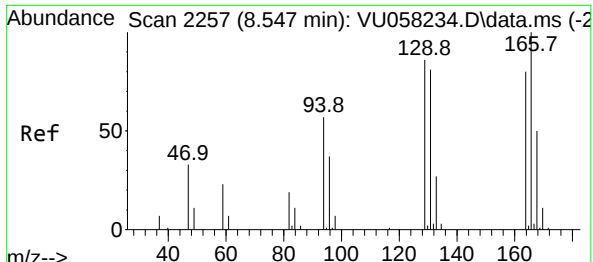
Tgt Ion: 56 Resp: 2652
Ion Ratio Lower Upper
56 100
69 16.3 24.2 36.2#
84 84.4 69.7 104.5



#34
Trichloroethene
Concen: 541.438 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU058246.D
Acq: 28 Mar 2024 17:52

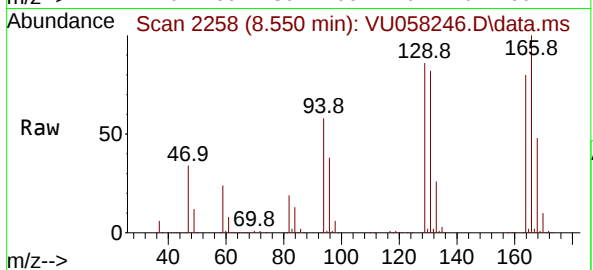
Tgt Ion: 95 Resp: 2586208
Ion Ratio Lower Upper
95 100
97 64.2 47.7 88.7
132 86.2 63.6 118.2
130 90.5 65.1 120.9





#47
 Tetrachloroethene
 Concen: 651.076 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU058246.D
 Acq: 28 Mar 2024 17:52

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOC0



Tgt Ion:164 Resp: 2083018

Ion	Ratio	Lower	Upper
164	100		
129	107.4	71.3	132.3
131	103.2	70.8	131.4
166	125.3	90.9	168.9

