

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058245.D
 Acq On : 28 Mar 2024 17:28
 Operator : MD/SY
 Sample : P1902-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOB9

Quant Time: Mar 29 01:12:20 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)

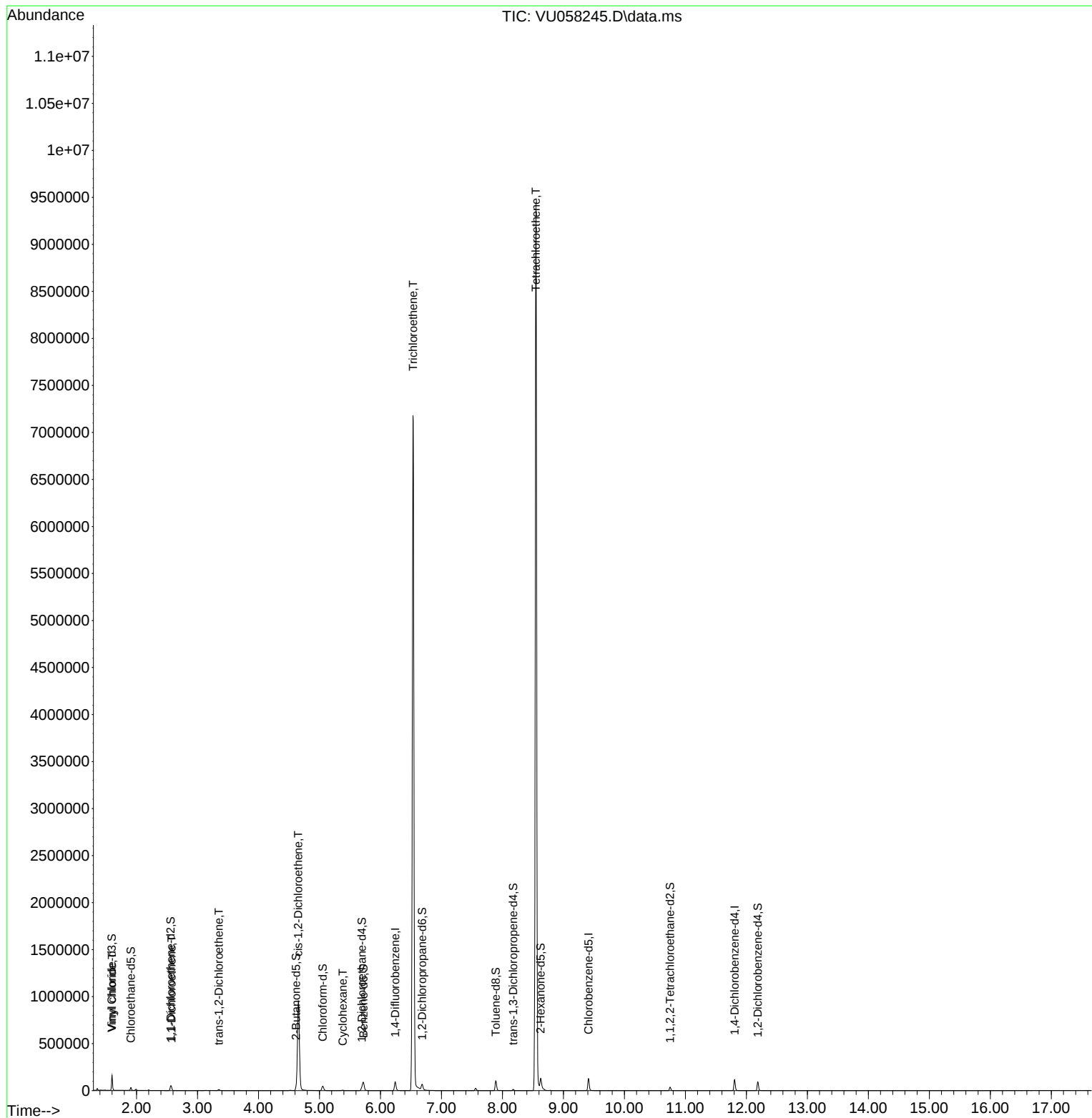
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	73109	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	71732	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30174	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	20649	3.342	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.800%	
7) Chloroethane-d5	1.907	69	19933	3.953	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.000%	
11) 1,1-Dichloroethene-d2	2.560	65	8520	3.322	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.400%	
20) 2-Butanone-d5	4.618	46	49813	45.384	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.760%	
24) Chloroform-d	5.052	84	44360	4.016	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.400%	
26) 1,2-Dichloroethane-d4	5.695	65	22329	4.324	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.400%	
32) Benzene-d6	5.721	84	87204	3.743	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.800%	
36) 1,2-Dichloropropane-d6	6.682	67	27667	4.029	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.600%	
41) Toluene-d8	7.891	98	70607	3.421	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.400%#	
43) trans-1,3-Dichloroprop...	8.177	79	8049	3.658	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.200%	
46) 2-Hexanone-d5	8.627	63	40321	45.253	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.500%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19484	4.356	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	25173	4.480	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	85801	20.471	ug/L	97
12) 1,1-Dichloroethene	2.576	96	6279	1.713	ug/L #	80
18) trans-1,2-Dichloroethene	3.351	96	4631	1.209	ug/L	93
22) cis-1,2-Dichloroethene	4.653	96	484915	102.450	ug/L	96
30) Cyclohexane	5.380	56	2574	0.397	ug/L	92
34) Trichloroethene	6.534	95	2410538	491.110	ug/L	97
47) Tetrachloroethene	8.550	164	1847059	561.823	ug/L	96

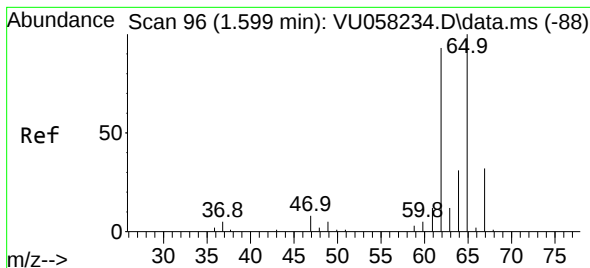
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 20.471 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU058245.D

Acq: 28 Mar 2024 17:28

Instrument :

MSVOA_U

ClientSampleId :

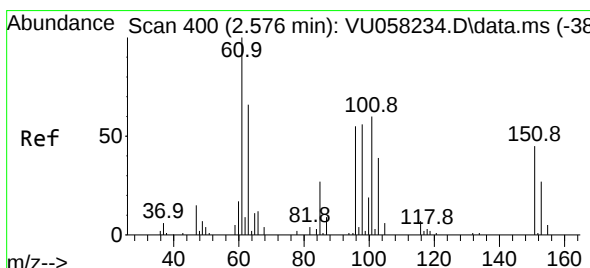
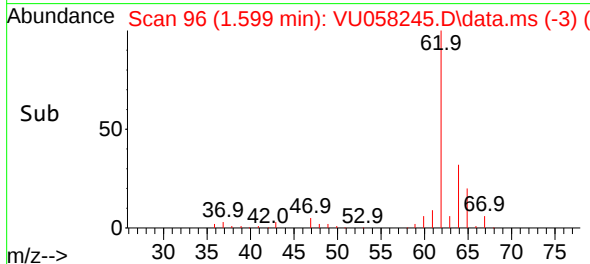
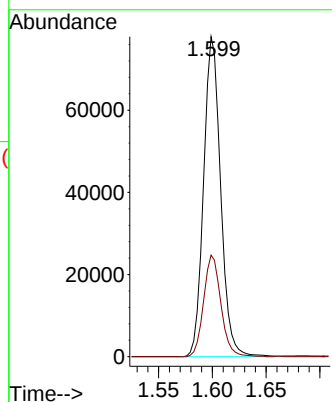
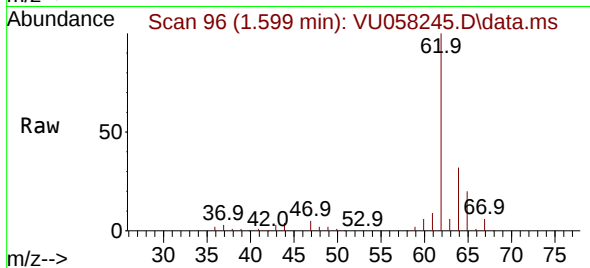
DCOB9

Tgt Ion: 62 Resp: 85801

Ion Ratio Lower Upper

62 100

64 31.8 23.4 43.6



#12

1,1-Dichloroethene

Concen: 1.713 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU058245.D

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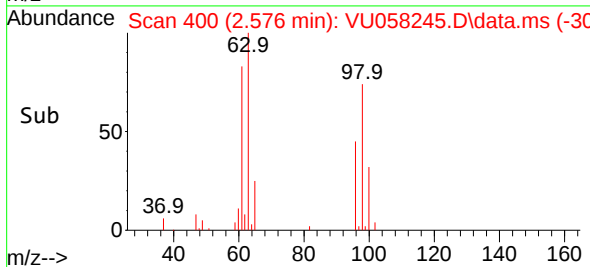
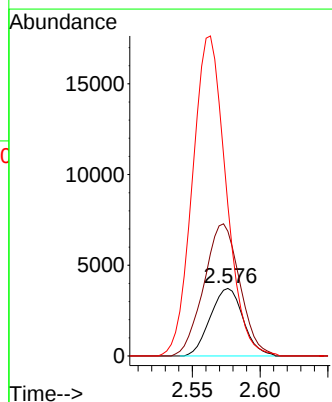
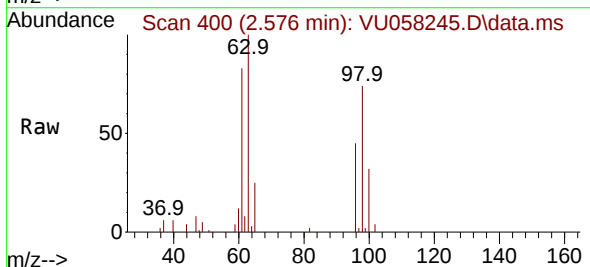
Tgt Ion: 96 Resp: 6279

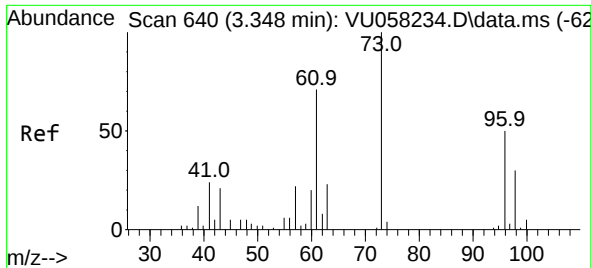
Ion Ratio Lower Upper

96 100

61 184.6 128.1 237.9

63 223.1 116.8 217.0#

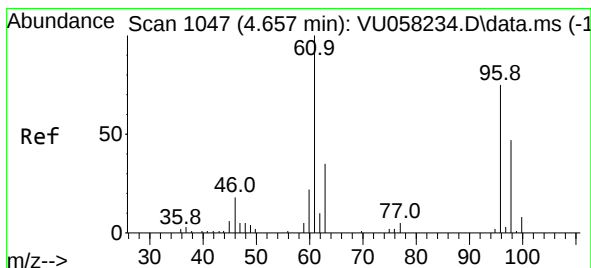
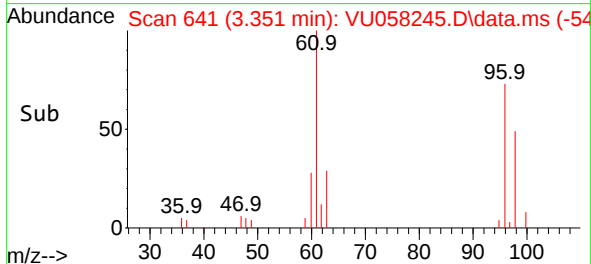
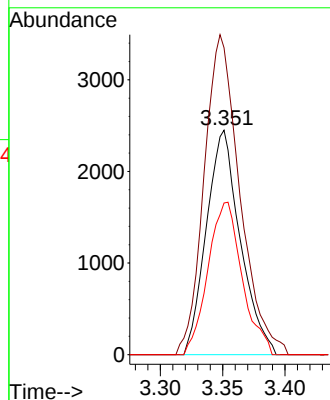
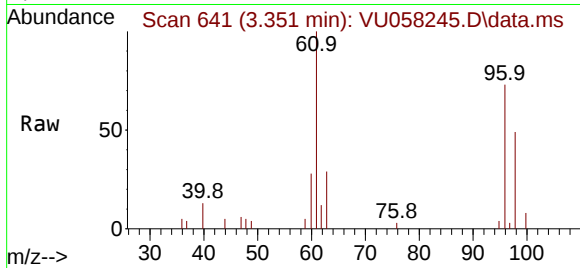




#18
trans-1,2-Dichloroethene
Concen: 1.209 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058245.D
Acq: 28 Mar 2024 17:28

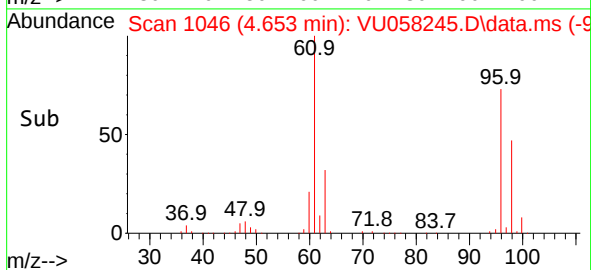
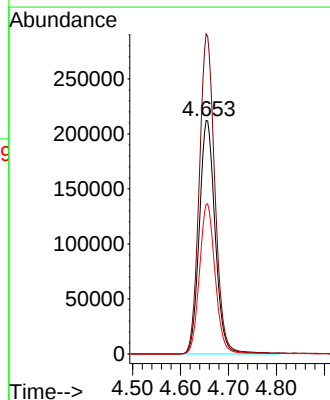
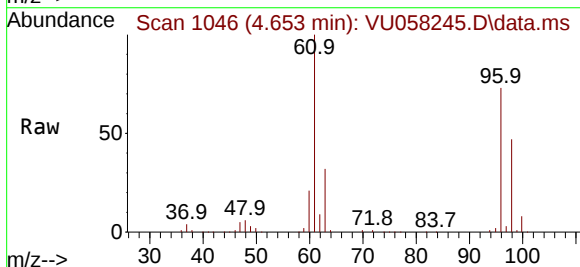
Instrument :
MSVOA_U
ClientSampleId :
DCOB9

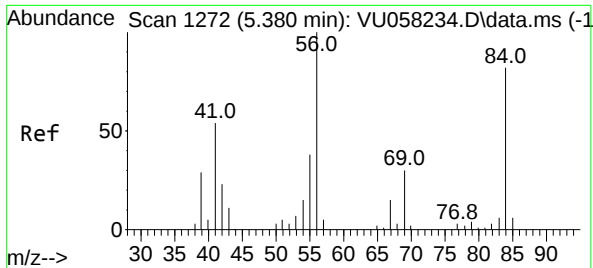
Tgt Ion: 96 Resp: 4631
Ion Ratio Lower Upper
96 100
61 136.7 102.5 190.3
98 67.6 44.0 81.8



#22
cis-1,2-Dichloroethene
Concen: 102.450 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU058245.D
Acq: 28 Mar 2024 17:28

Tgt Ion: 96 Resp: 484915
Ion Ratio Lower Upper
96 100
61 137.0 92.8 172.4
98 64.1 43.2 80.2

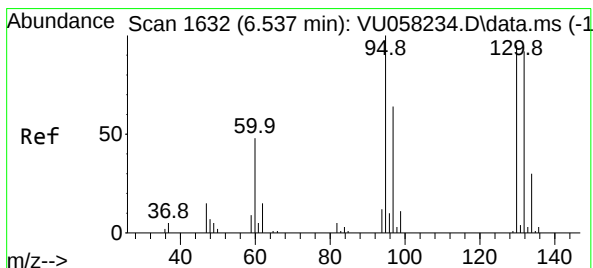
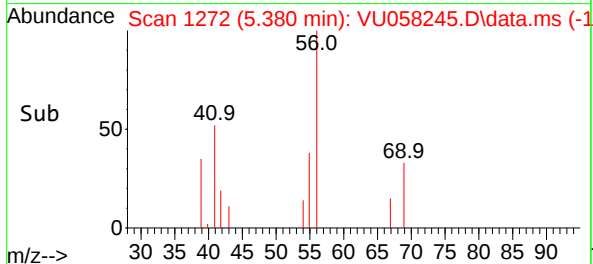
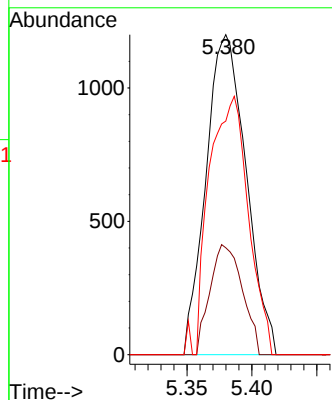
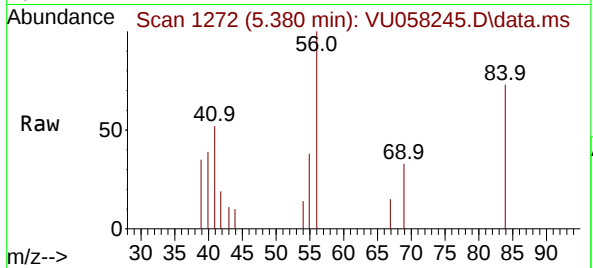




#30
Cyclohexane
Concen: 0.397 ug/L
RT: 5.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU058245.D
Acq: 28 Mar 2024 17:28

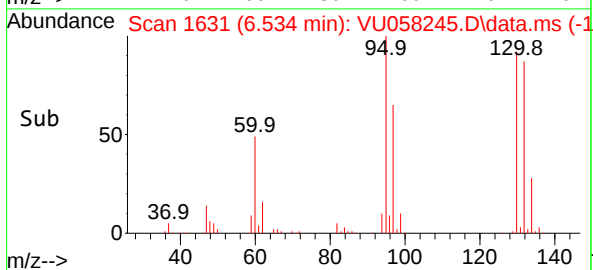
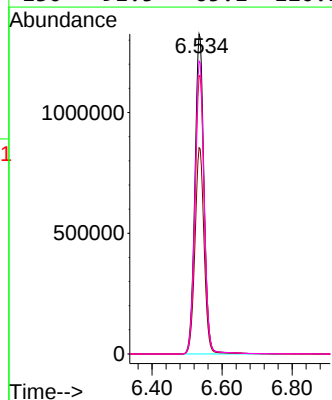
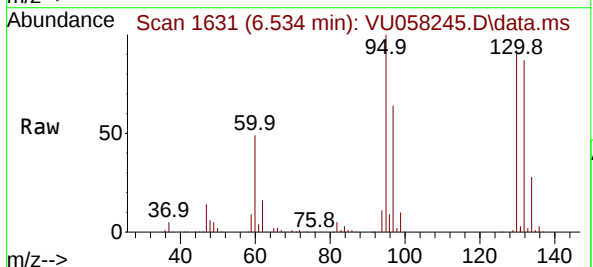
Instrument :
MSVOA_U
ClientSampleId :
DCOB9

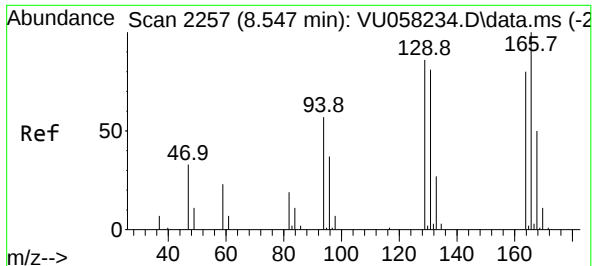
Tgt Ion:	56	Resp:	2574
Ion	Ratio	Lower	Upper
56	100		
69	27.7	24.2	36.2
84	79.2	69.7	104.5



#34
Trichloroethene
Concen: 491.110 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU058245.D
Acq: 28 Mar 2024 17:28

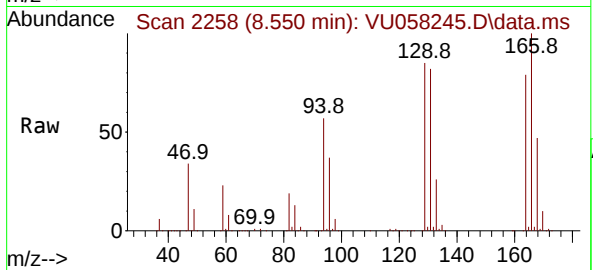
Tgt Ion:	95	Resp:	2410538
Ion	Ratio	Lower	Upper
95	100		
97	64.5	47.7	88.7
132	86.8	63.6	118.2
130	91.5	65.1	120.9





#47
 Tetrachloroethene
 Concen: 561.823 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU058245.D
 Acq: 28 Mar 2024 17:28

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOB9



Tgt Ion:164 Resp: 1847059

Ion	Ratio	Lower	Upper
164	100		
129	107.4	71.3	132.3
131	103.2	70.8	131.4
166	126.2	90.9	168.9

