

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058247.D
 Acq On : 28 Mar 2024 18:15
 Operator : MD/SY
 Sample : P1902-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOC1

Quant Time: Mar 29 01:12:50 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)

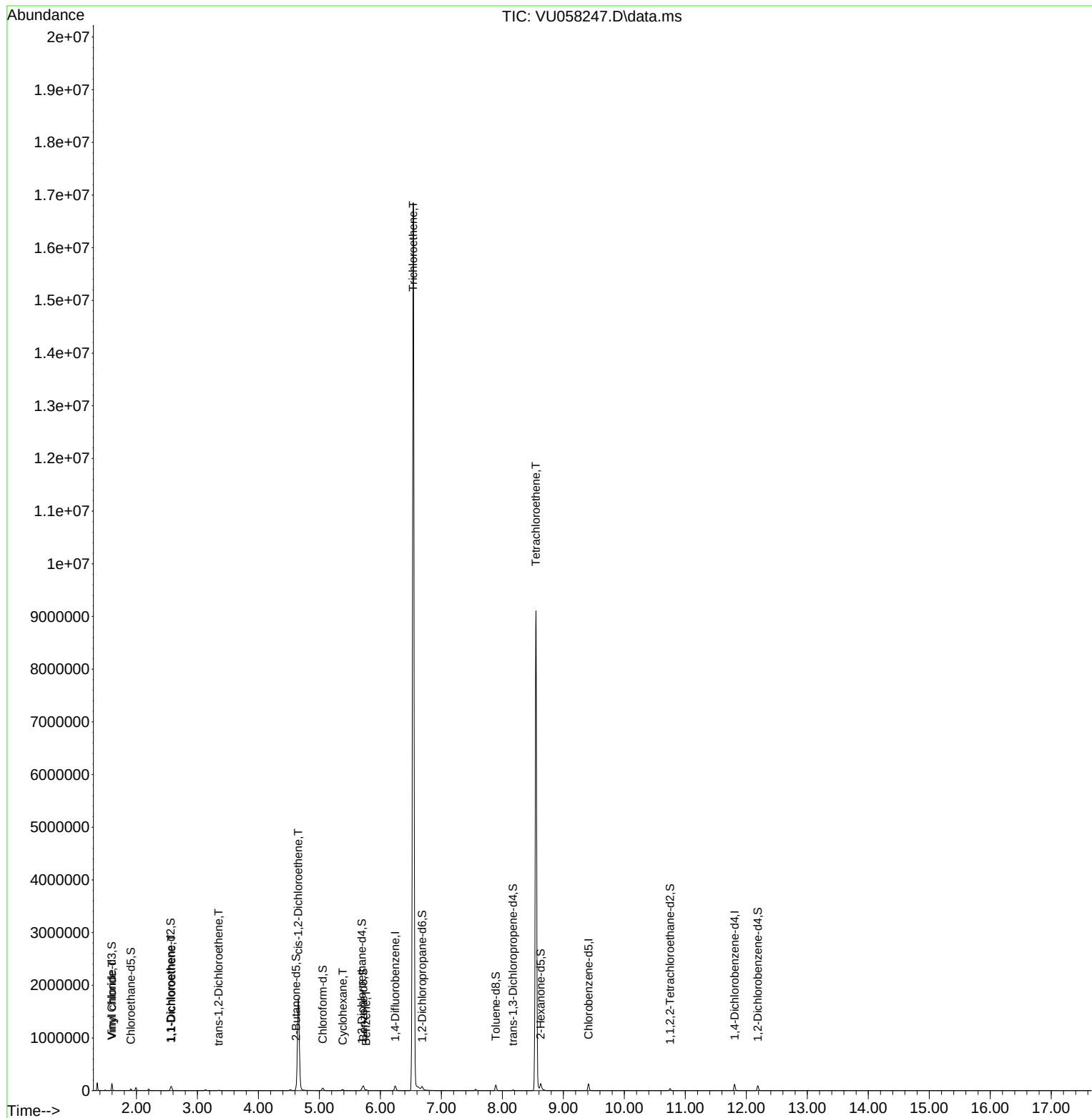
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	71680	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	69829	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31372	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20324	3.355	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.200%
7) Chloroethane-d5	1.908	69	20214	4.088	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.560	65	8215	3.266	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.400%
20) 2-Butanone-d5	4.618	46	51636	47.983	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.960%
24) Chloroform-d	5.052	84	44260	4.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	5.695	65	21693	4.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.718	84	84534	3.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.600%
36) 1,2-Dichloropropane-d6	6.682	67	28188	4.217	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.891	98	71518	3.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	8.174	79	8504	3.970	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.627	63	41475	47.816	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.640%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19439	4.464	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	25041	4.286	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	51585	12.553	ug/L	98
12) 1,1-Dichloroethene	2.573	96	17830	4.962	ug/L	88
18) trans-1,2-Dichloroethene	3.348	96	3113	0.829	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	870447	187.569	ug/L	97
30) Cyclohexane	5.380	56	10156	1.610	ug/L	99
33) Benzene	5.766	78	13442	0.733	ug/L	100
34) Trichloroethene	6.538	95	5602982	1172.630	ug/L	94
47) Tetrachloroethene	8.550	164	1791183	559.675	ug/L	97

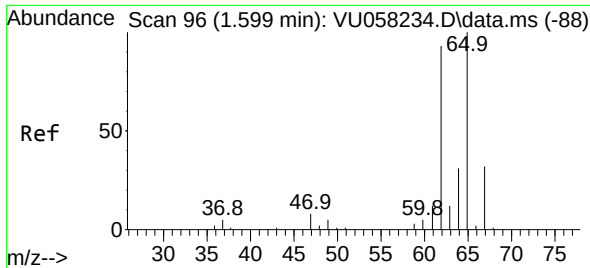
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

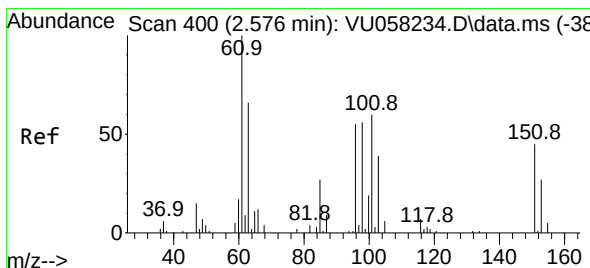
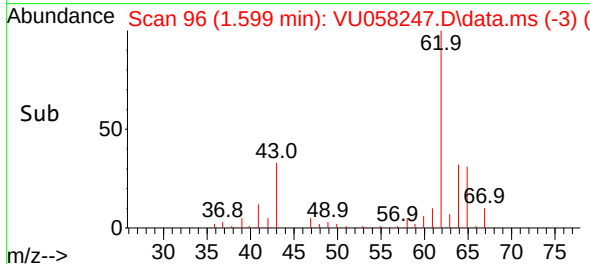
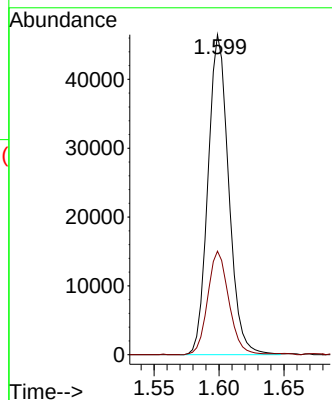
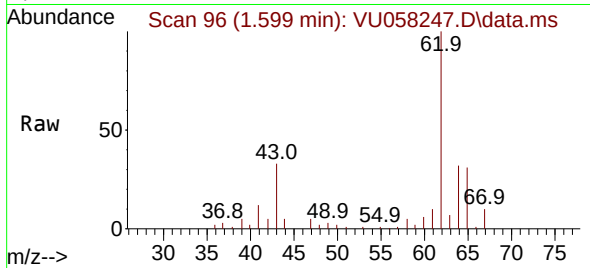




#5
Vinyl chloride
Concen: 12.553 ug/L
RT: 1.599 min Scan# 90
Delta R.T. 0.000 min
Lab File: VU058247.D
Acq: 28 Mar 2024 18:15

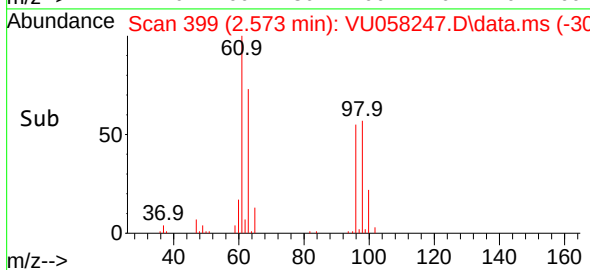
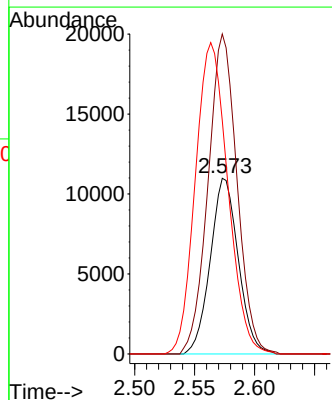
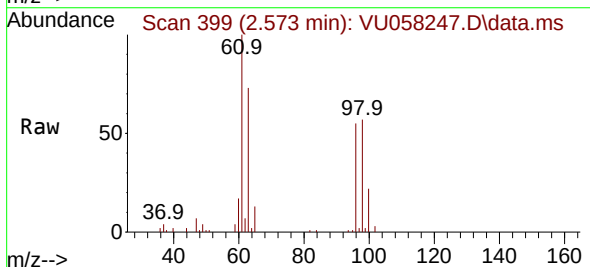
Instrument :
MSVOA_U
ClientSampleId :
DCOC1

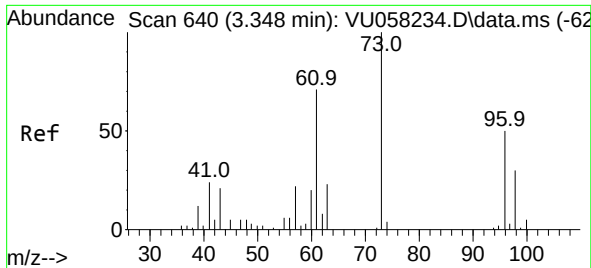
Tgt Ion: 62 Resp: 51585
Ion Ratio Lower Upper
62 100
64 32.4 23.4 43.6



#12
1,1-Dichloroethene
Concen: 4.962 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU058247.D
Acq: 28 Mar 2024 18:15

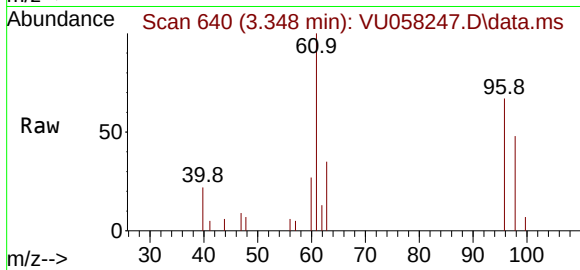
Tgt Ion: 96 Resp: 17830
Ion Ratio Lower Upper
96 100
61 182.1 128.1 237.9
63 132.9 116.8 217.0





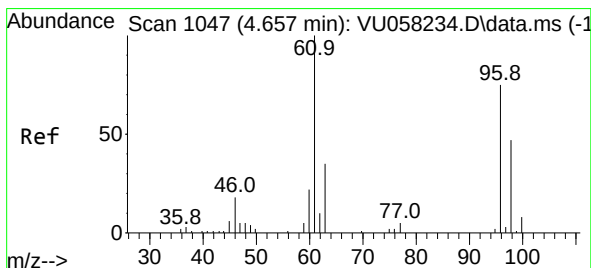
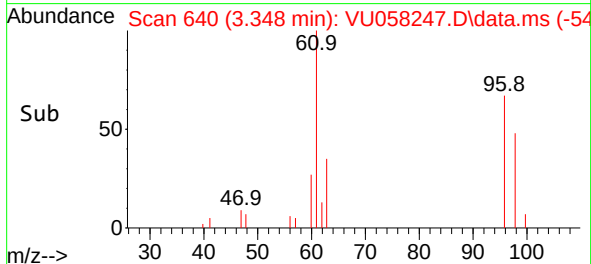
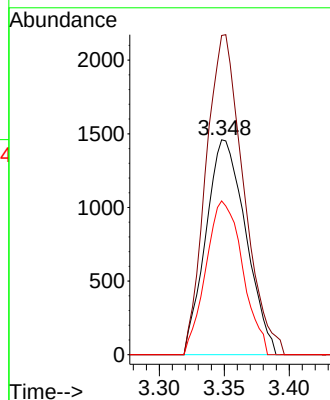
#18
trans-1,2-Dichloroethene
Concen: 0.829 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU058247.D
Acq: 28 Mar 2024 18:15

Instrument :
MSVOA_U
ClientSampleId :
DCOC1



Tgt Ion: 96 Resp: 3113

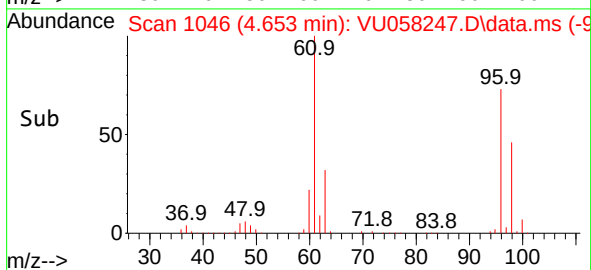
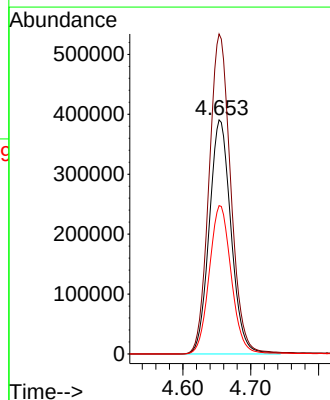
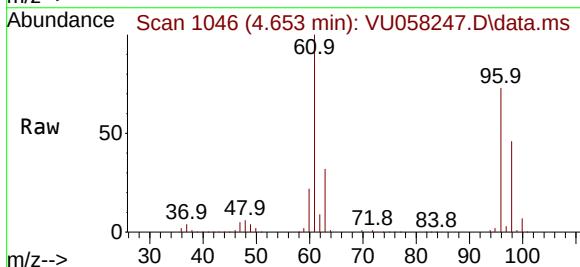
Ion	Ratio	Lower	Upper
96	100		
61	148.6	102.5	190.3
98	71.6	44.0	81.8

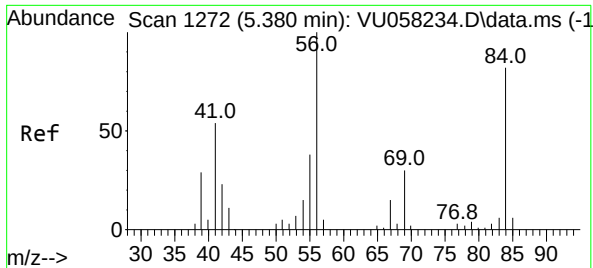


#22
cis-1,2-Dichloroethene
Concen: 187.569 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU058247.D
Acq: 28 Mar 2024 18:15

Tgt Ion: 96 Resp: 870447

Ion	Ratio	Lower	Upper
96	100		
61	136.7	92.8	172.4
98	63.4	43.2	80.2

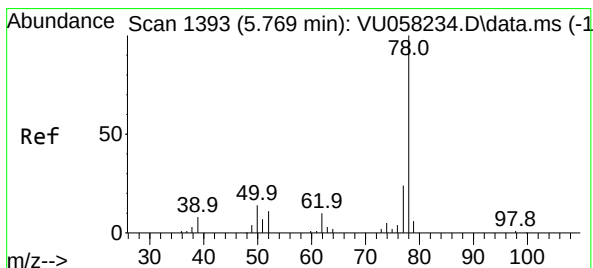
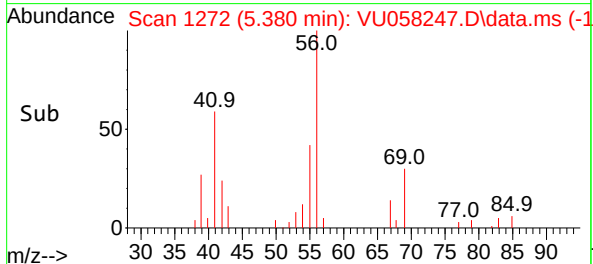
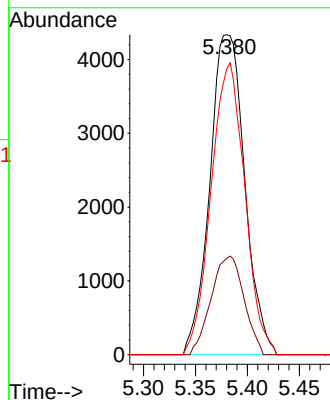
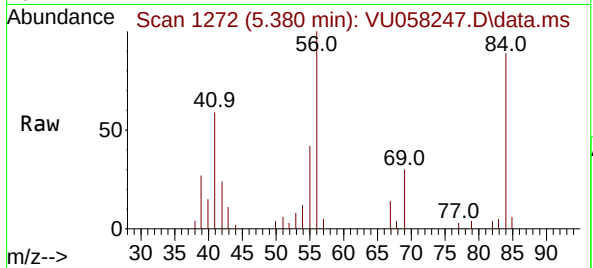




#30
Cyclohexane
Concen: 1.610 ug/L
RT: 5.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058247.D
Acq: 28 Mar 2024 18:15

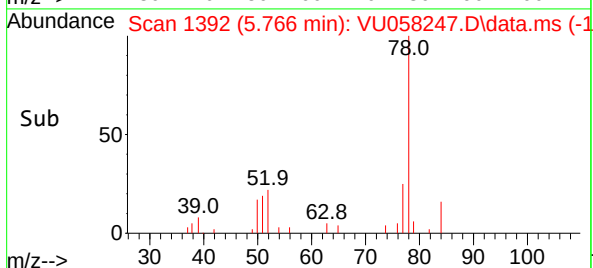
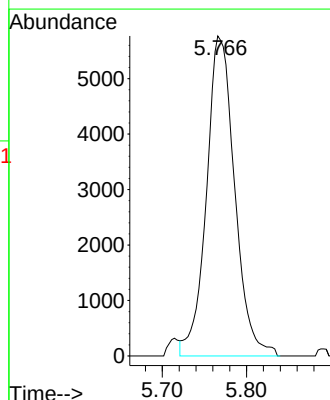
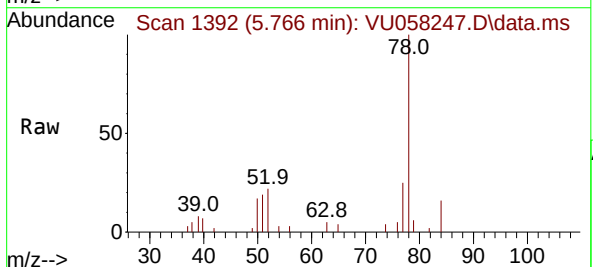
Instrument :
MSVOA_U
ClientSampleId :
DCOC1

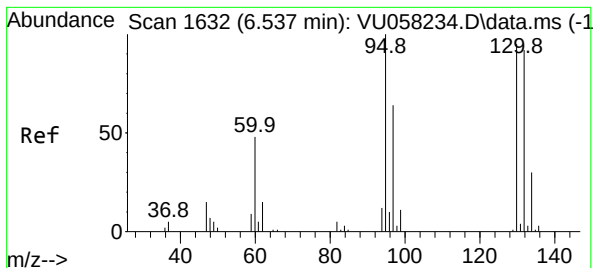
Tgt Ion: 56 Resp: 10156
Ion Ratio Lower Upper
56 100
69 28.9 24.2 36.2
84 87.9 69.7 104.5



#33
Benzene
Concen: 0.733 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU058247.D
Acq: 28 Mar 2024 18:15

Tgt Ion: 78 Resp: 13442





#34

Trichloroethene

Concen: 1172.630 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU058247.D

Acq: 28 Mar 2024 18:15

Instrument :

MSVOA_U

ClientSampleId :

DCOC1

Tgt Ion: 95 Resp: 5602982

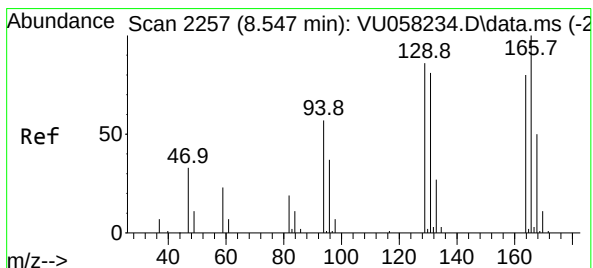
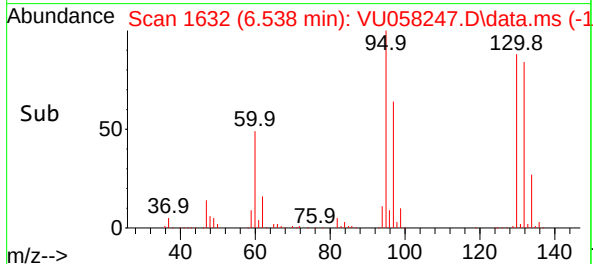
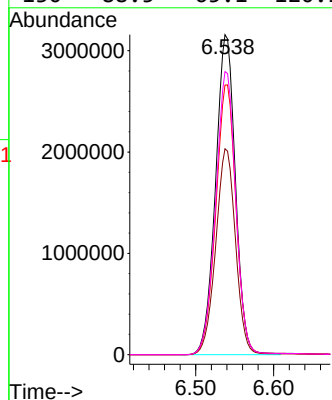
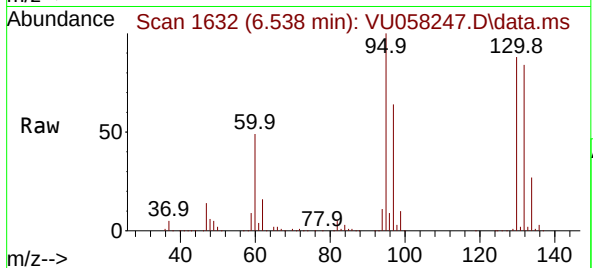
Ion Ratio Lower Upper

95 100

97 64.3 47.7 88.7

132 84.2 63.6 118.2

130 88.5 65.1 120.9



#47

Tetrachloroethene

Concen: 559.675 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU058247.D

Acq: 28 Mar 2024 18:15

Tgt Ion:164 Resp: 1791183

Ion Ratio Lower Upper

164 100

129 106.7 71.3 132.3

131 102.3 70.8 131.4

166 126.2 90.9 168.9

