

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058452.D
 Acq On : 06 Apr 2024 04:29
 Operator : MD/SY
 Sample : P1948-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK9

Quant Time: Apr 06 06:02:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 06 00:37:11 2024
 Response via : Initial Calibration

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

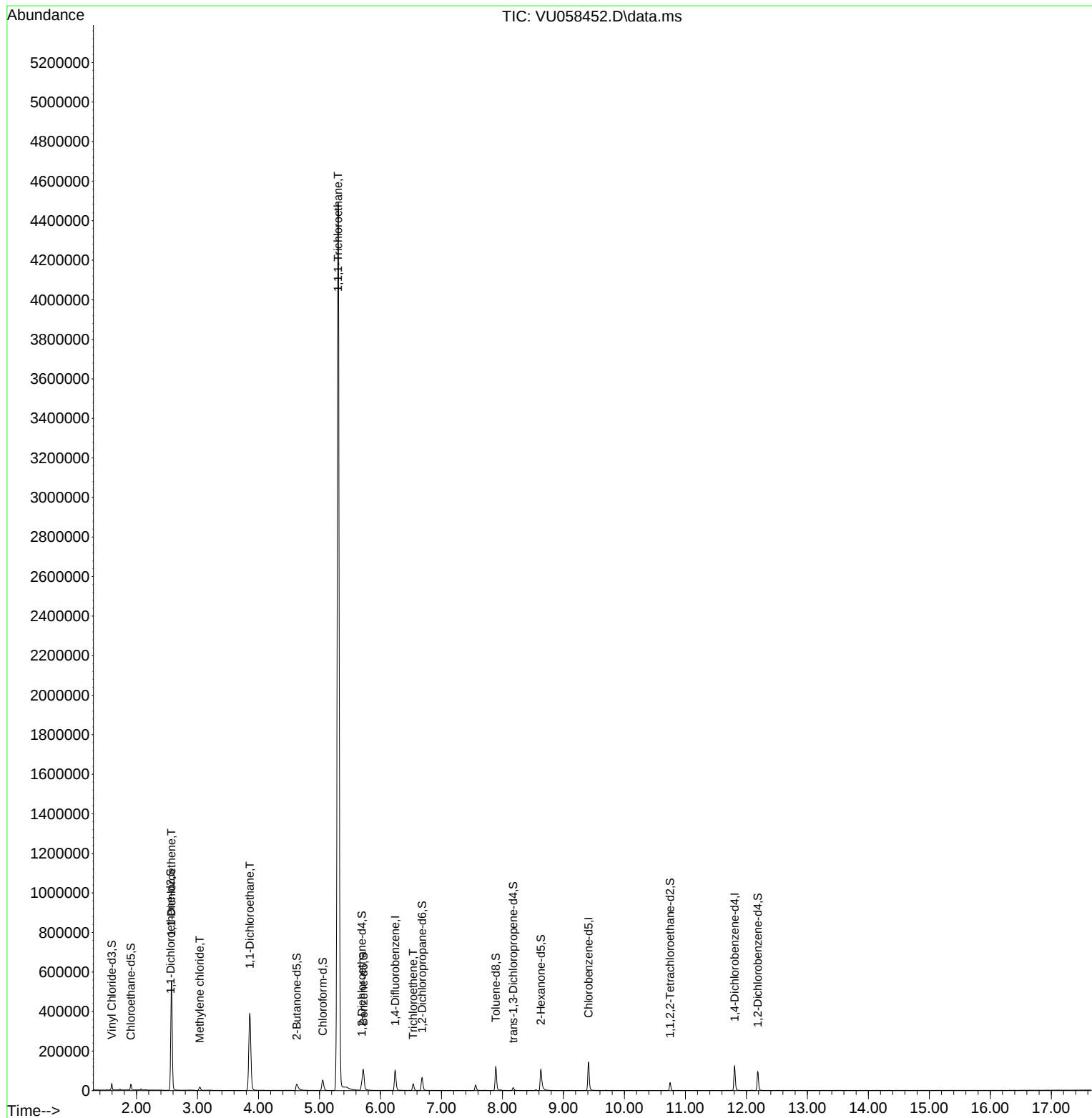
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	81939	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	77608	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33574	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	21640	3.989	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.800%	
7) Chloroethane-d5	1.907	69	20185	4.281	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.600%	
11) 1,1-Dichloroethene-d2	2.560	65	10441	4.252	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.000%	
20) 2-Butanone-d5	4.628	46	56296	49.243	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.480%	
24) Chloroform-d	5.052	84	49868	4.605	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	5.695	65	24448	4.837	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.800%	
32) Benzene-d6	5.721	84	97462	4.665	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
36) 1,2-Dichloropropane-d6	6.682	67	32067	4.894	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.800%	
41) Toluene-d8	7.891	98	79680	4.300	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
43) trans-1,3-Dichloroprop...	8.177	79	9122	4.485	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.600%	
46) 2-Hexanone-d5	8.631	63	38134	45.456	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.920%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20301	4.389	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	24733	4.374	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.400%	
Target Compounds						
12) 1,1-Dichloroethene	2.573	96	167649	28.870	ug/L	# 81
16) Methylene chloride	3.036	84	7823	1.015	ug/L	97
19) 1,1-Dichloroethane	3.859	63	458033	34.480	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	3179147	305.535	ug/L	99
34) Trichloroethene	6.537	95	11815	1.666	ug/L	97

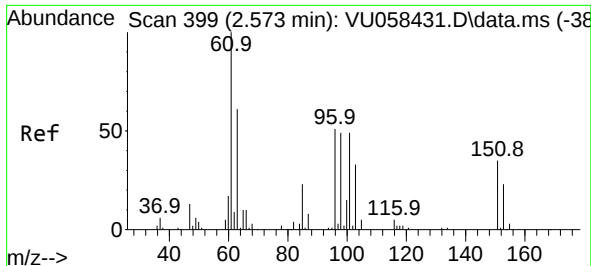
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 28.870 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

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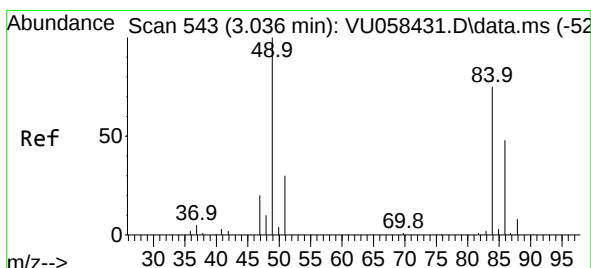
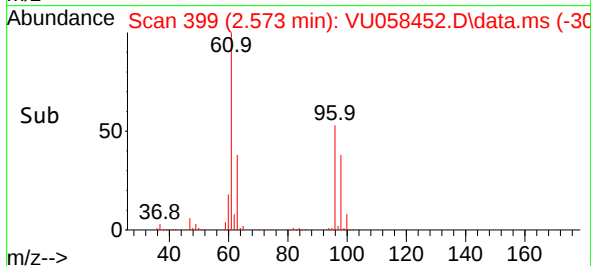
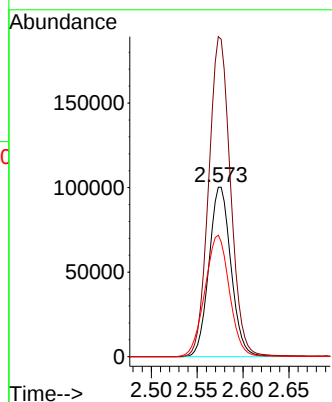
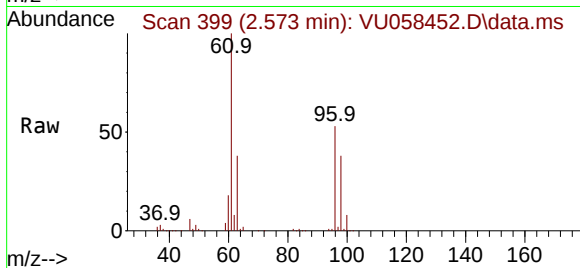
Tgt Ion: 96 Resp: 167649

Ion Ratio Lower Upper

96 100

61 188.8 132.5 246.1

63 71.7 87.7 162.9#



#16

Methylene chloride

Concen: 1.015 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

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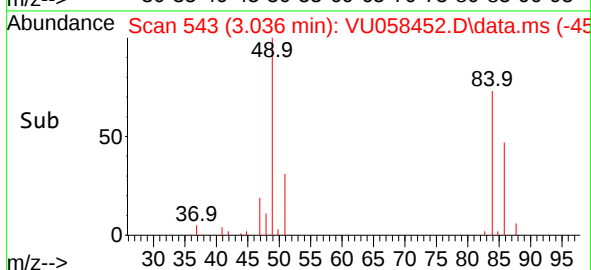
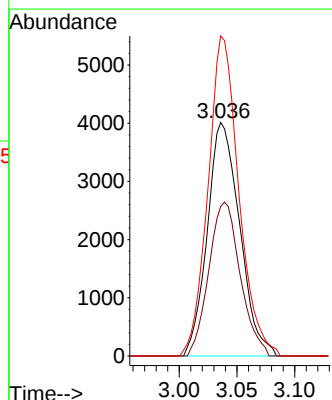
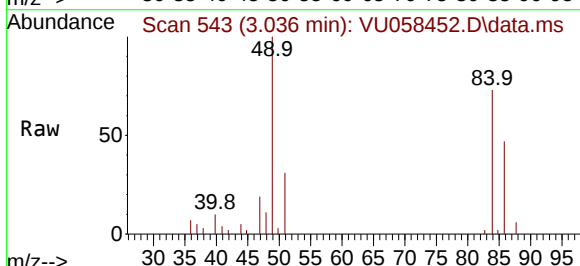
Tgt Ion: 84 Resp: 7823

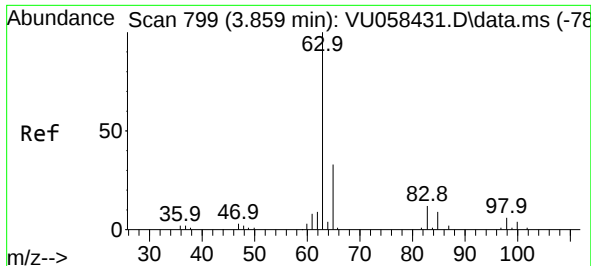
Ion Ratio Lower Upper

84 100

86 64.0 44.3 82.3

49 141.8 96.0 178.2

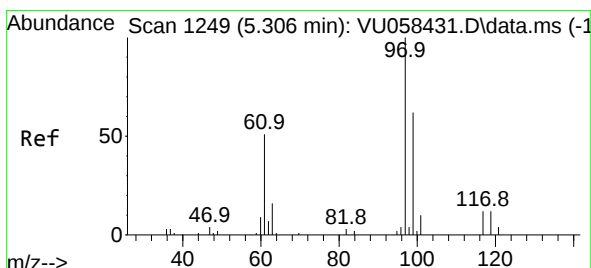
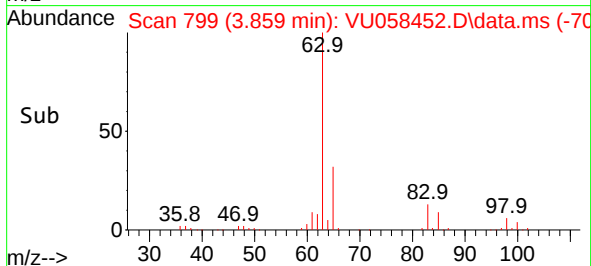
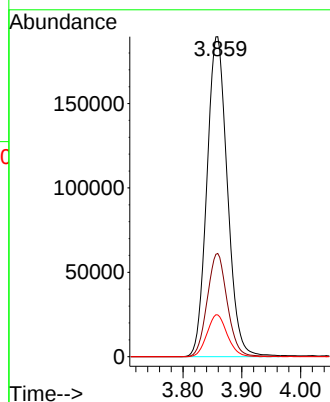
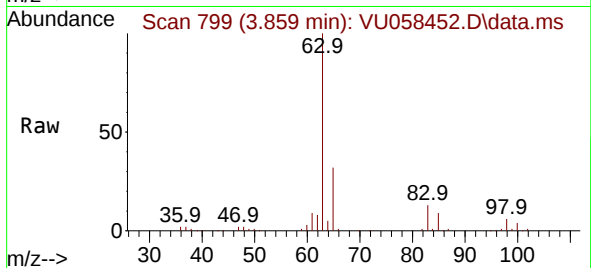




#19
1,1-Dichloroethane
Concen: 34.480 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU058452.D
Acq: 06 Apr 2024 04:29

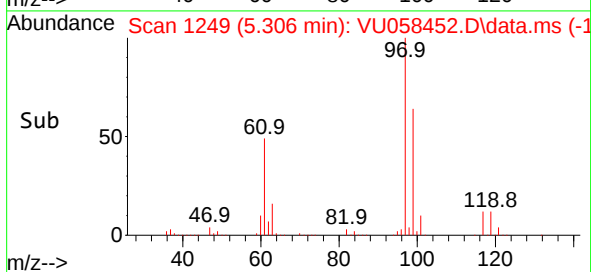
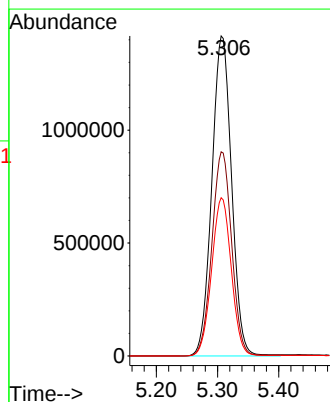
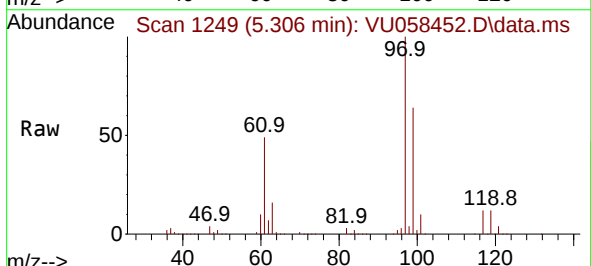
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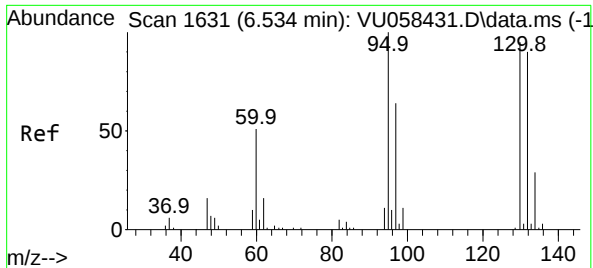
Tgt Ion: 63 Resp: 458033
Ion Ratio Lower Upper
63 100
65 32.2 22.9 42.5
83 13.1 9.6 17.8



#29
1,1,1-Trichloroethane
Concen: 305.535 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058452.D
Acq: 06 Apr 2024 04:29

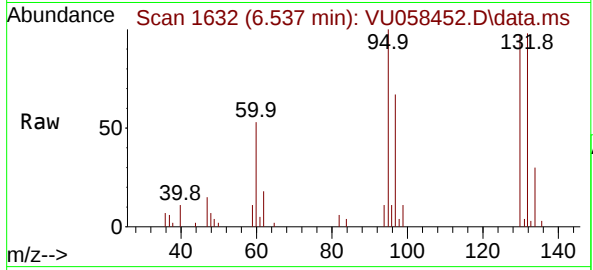
Tgt Ion: 97 Resp: 3179147
Ion Ratio Lower Upper
97 100
99 63.9 50.4 75.6
61 49.3 39.4 59.0





#34
 Trichloroethene
 Concen: 1.666 ug/L
 RT: 6.537 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU058452.D
 Acq: 06 Apr 2024 04:29

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK9



Tgt Ion: 95 Resp: 11815

Ion	Ratio	Lower	Upper
95	100		
97	67.4	45.6	84.6
132	97.6	64.8	120.3
130	96.8	68.0	126.2

