

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058440.D
 Acq On : 05 Apr 2024 23:48
 Operator : MD/SY
 Sample : P1970-07 500X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ8

Quant Time: Apr 06 05:59:22 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)

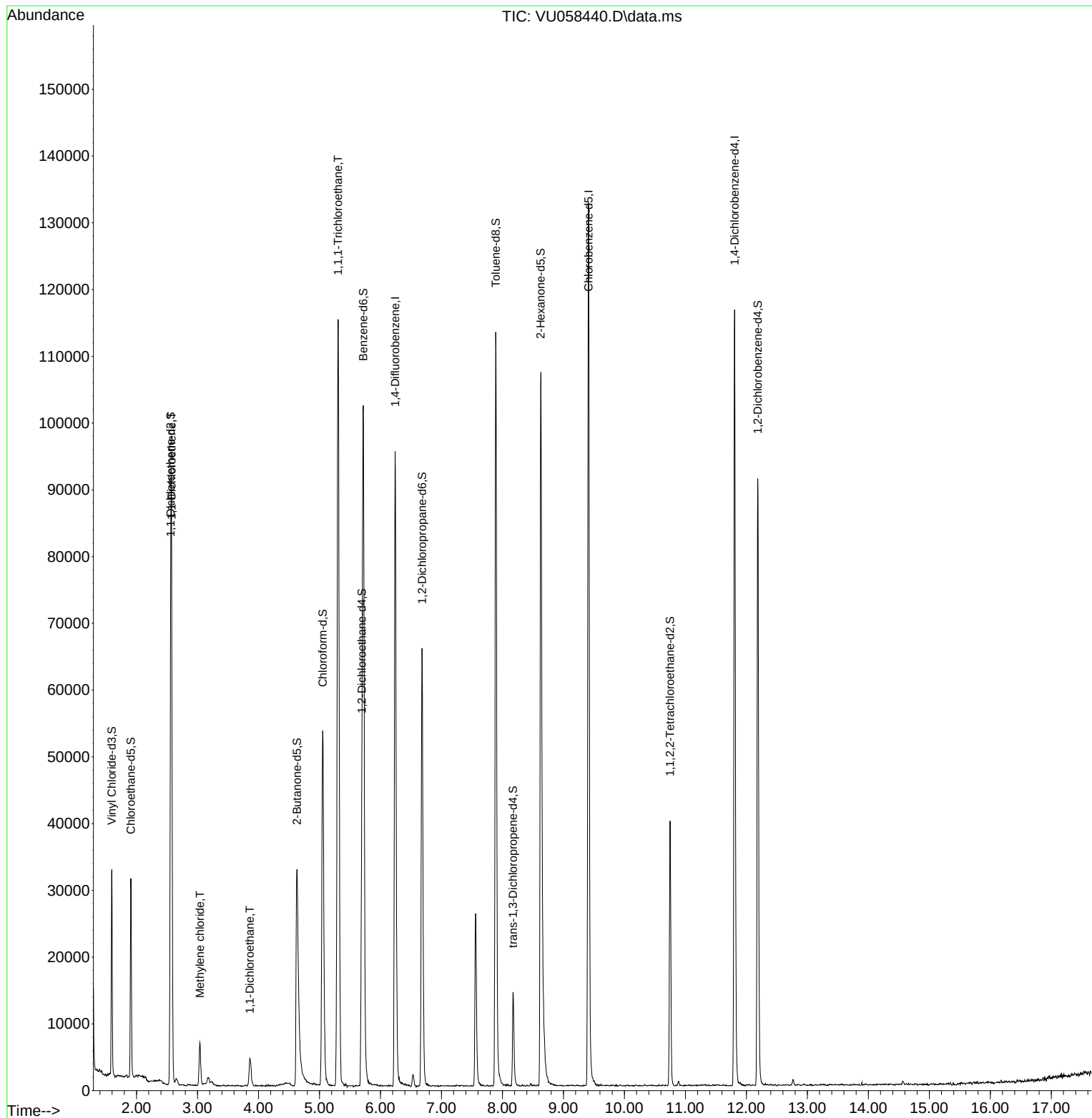
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	75161	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	73134	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31374	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21224	4.265	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.400%	
7) Chloroethane-d5	1.907	69	20564	4.755	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.200%	
11) 1,1-Dichloroethene-d2	2.560	65	10238	4.546	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.000%	
20) 2-Butanone-d5	4.631	46	54091	51.581	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.160%	
24) Chloroform-d	5.055	84	48646	4.897	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
26) 1,2-Dichloroethane-d4	5.695	65	24613	5.309	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.200%	
32) Benzene-d6	5.718	84	95510	4.851	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
36) 1,2-Dichloropropane-d6	6.682	67	31348	5.077	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.600%	
41) Toluene-d8	7.891	98	76528	4.383	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.600%	
43) trans-1,3-Dichloroprop...	8.174	79	8722	4.551	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.000%	
46) 2-Hexanone-d5	8.627	63	38499	48.698	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.400%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20252	4.646	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	24419	4.621	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.400%	
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	19491	3.659	ug/L	99
16) Methylene chloride	3.039	84	2935	0.415	ug/L	95
19) 1,1-Dichloroethane	3.859	63	5826	0.478	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	82127	8.376	ug/L	99

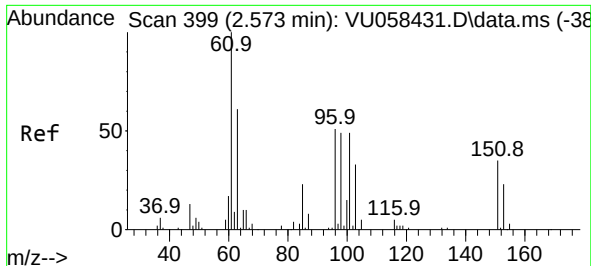
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.659 ug/L

RT: 2.576 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU058440.D

Acq: 05 Apr 2024 23:48

Instrument :

MSVOA_U

ClientSampleId :

C0AJ8

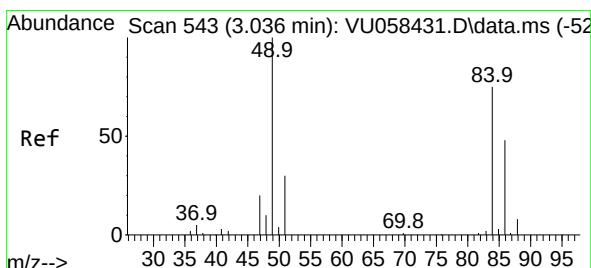
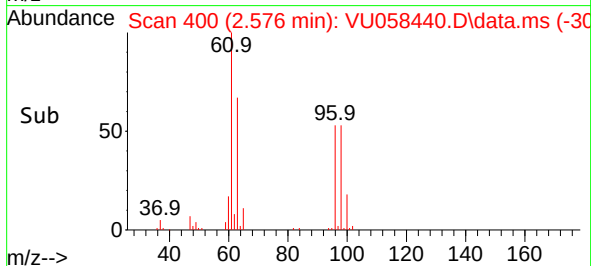
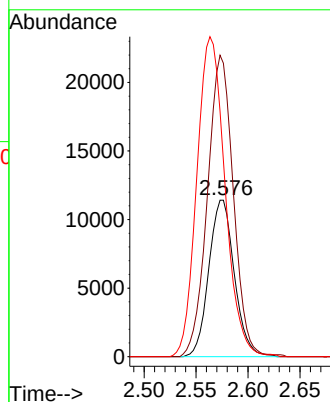
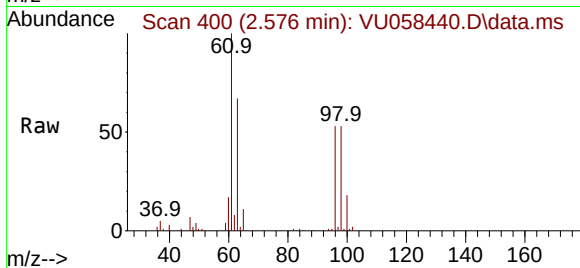
Tgt Ion: 96 Resp: 19491

Ion Ratio Lower Upper

96 100

61 187.5 132.5 246.1

63 125.3 87.7 162.9



#16

Methylene chloride

Concen: 0.415 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

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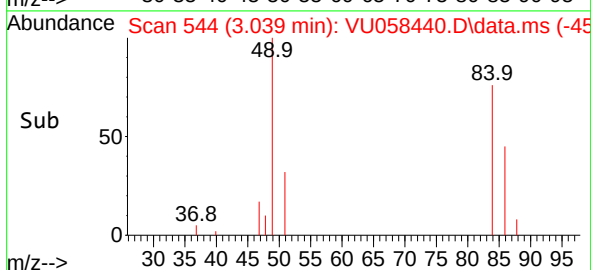
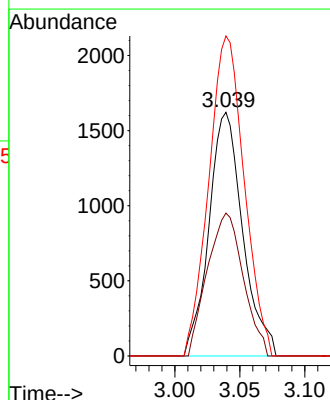
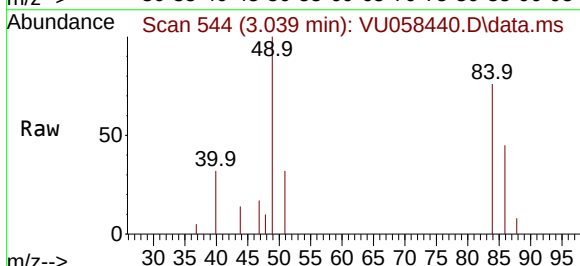
Tgt Ion: 84 Resp: 2935

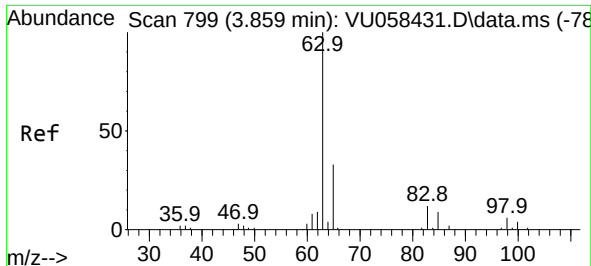
Ion Ratio Lower Upper

84 100

86 58.6 44.3 82.3

49 131.3 96.0 178.2

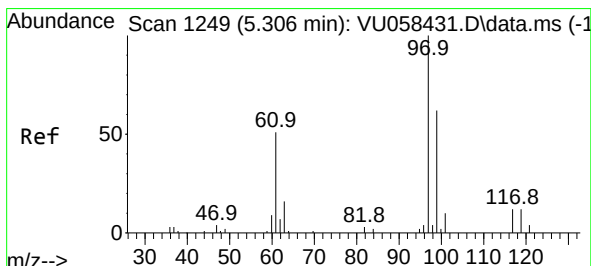
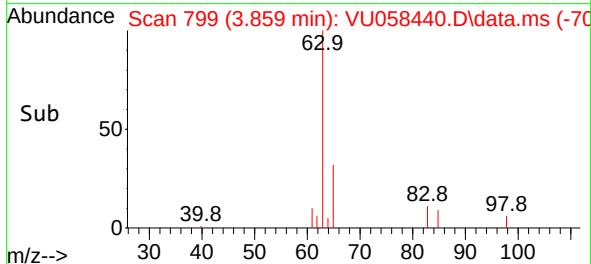
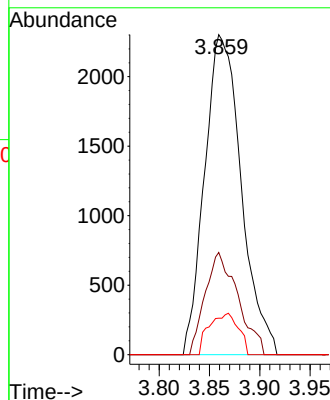
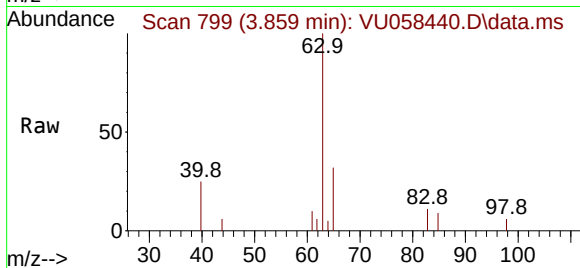




#19
 1,1-Dichloroethane
 Concen: 0.478 ug/L
 RT: 3.859 min Scan# 799
 Delta R.T. 0.000 min
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Tgt Ion:	63	Resp:	5826
Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.9	42.5
83	11.4	9.6	17.8



#29
 1,1,1-Trichloroethane
 Concen: 8.376 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.000 min
 Lab File: VU058440.D
 Acq: 05 Apr 2024 23:48

Tgt Ion:	97	Resp:	82127
Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.4	75.6
61	49.7	39.4	59.0

