

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058426.D
 Acq On : 05 Apr 2024 17:56
 Operator : MD/SY
 Sample : P1970-04 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ5

Quant Time: Apr 05 23:38:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 23:33:02 2024
 Response via : Initial Calibration

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

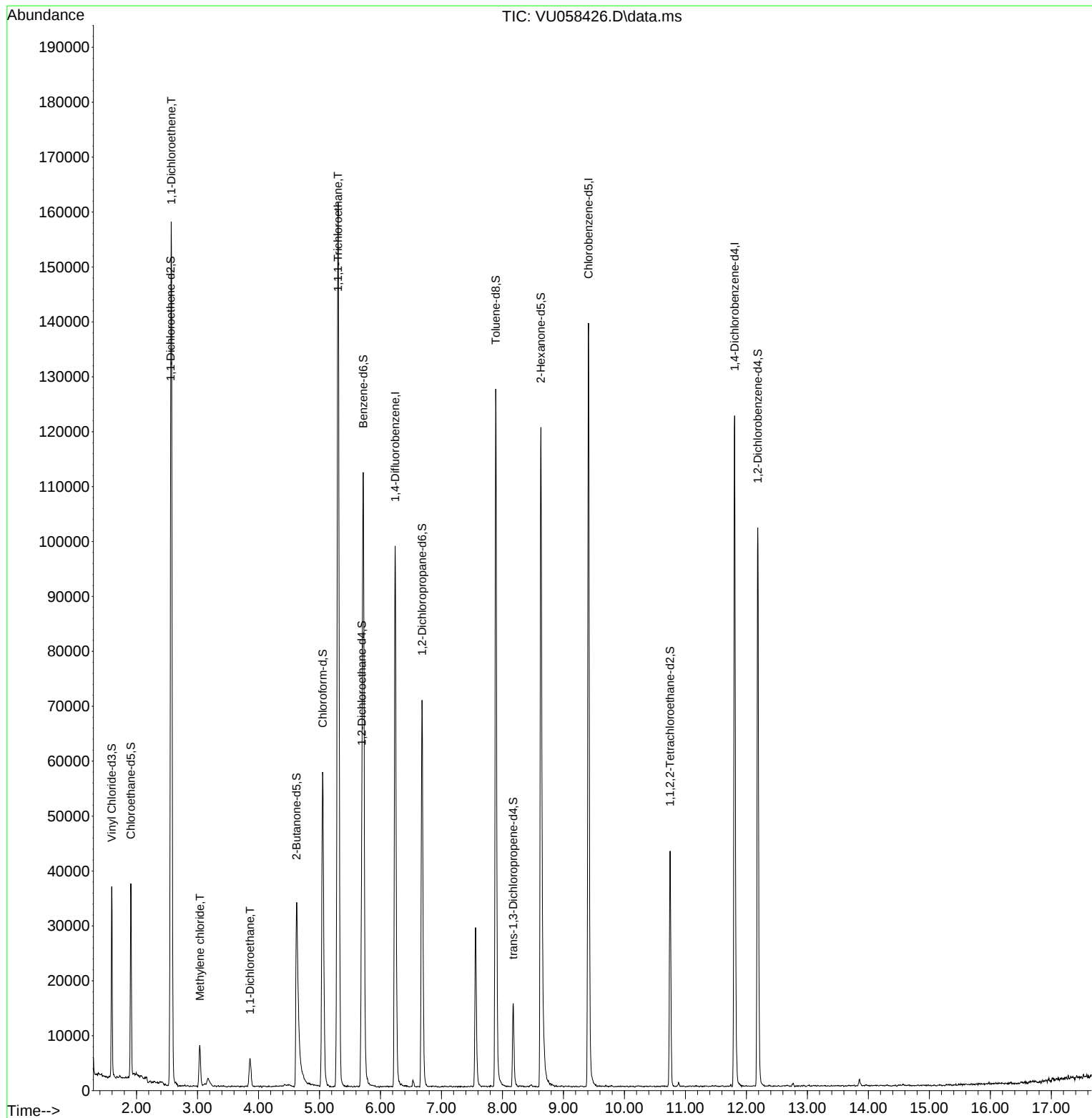
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	78471	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	76596	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32343	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24330	4.683	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.907	69	23980	5.311	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.200%
11) 1,1-Dichloroethene-d2	2.560	65	11522	4.900	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	4.624	46	62854	57.409	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.820%
24) Chloroform-d	5.052	84	52459	5.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.695	65	26816	5.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	5.717	84	104850	5.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	6.682	67	34009	5.259	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.891	98	84127	4.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.177	79	9654	4.809	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.630	63	43270	52.260	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.520%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	22372	4.900	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	26841	4.927	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	40281	7.243	ug/L	92
16) Methylene chloride	3.039	84	3521	0.477	ug/L	97
19) 1,1-Dichloroethane	3.862	63	6766	0.532	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	113925	11.094	ug/L	99

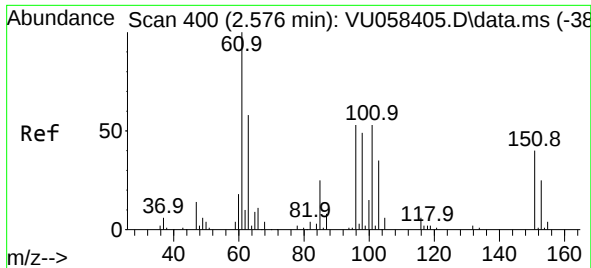
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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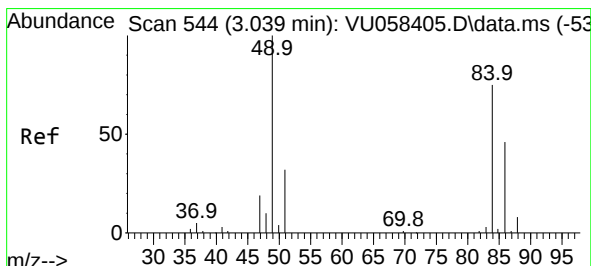
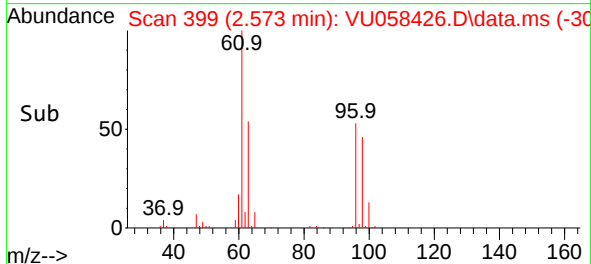
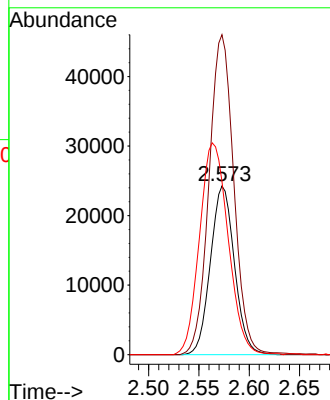
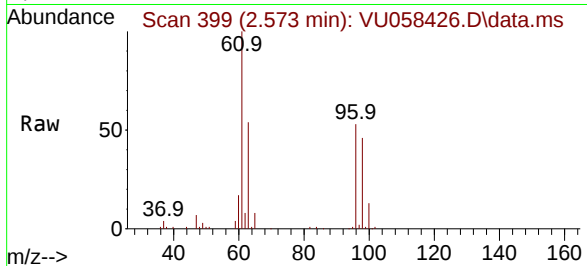




#12
1,1-Dichloroethene
Concen: 7.243 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU058426.D
Acq: 05 Apr 2024 17:56

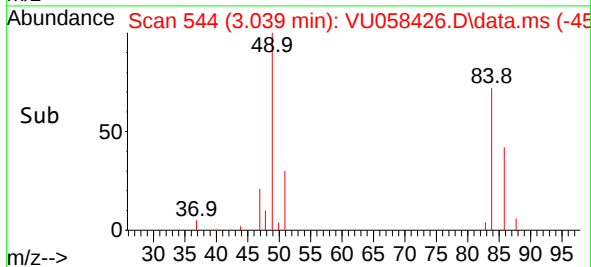
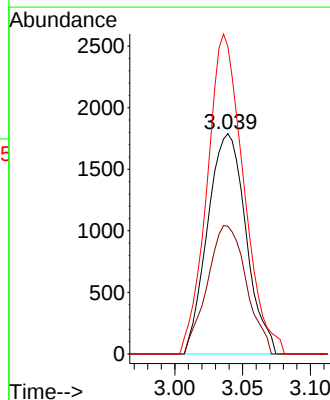
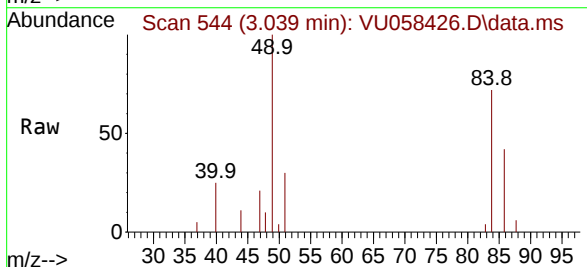
Instrument :
MSVOA_U
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C0AJ5

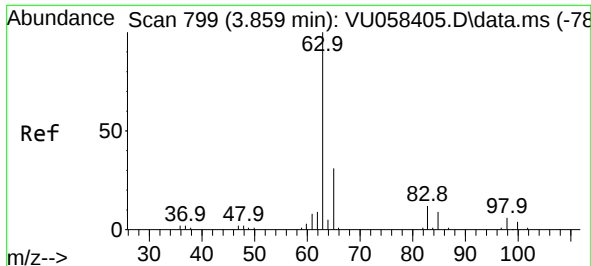
Tgt Ion: 96 Resp: 40281
Ion Ratio Lower Upper
96 100
61 189.8 132.5 246.1
63 102.9 87.7 162.9



#16
Methylene chloride
Concen: 0.477 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU058426.D
Acq: 05 Apr 2024 17:56

Tgt Ion: 84 Resp: 3521
Ion Ratio Lower Upper
84 100
86 57.9 44.3 82.3
49 139.4 96.0 178.2





#19

1,1-Dichloroethane

Concen: 0.532 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU058426.D

Acq: 05 Apr 2024 17:56

Instrument :

MSVOA_U

ClientSampleId :

C0AJ5

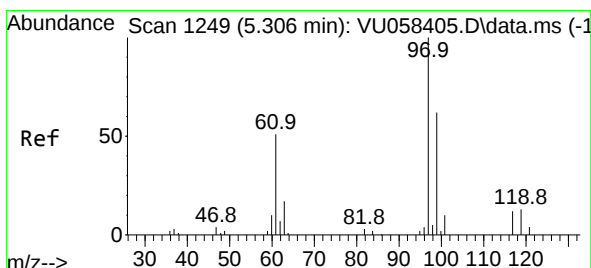
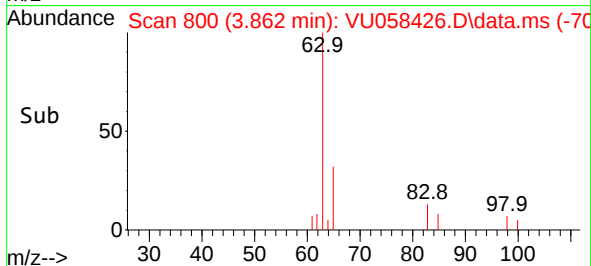
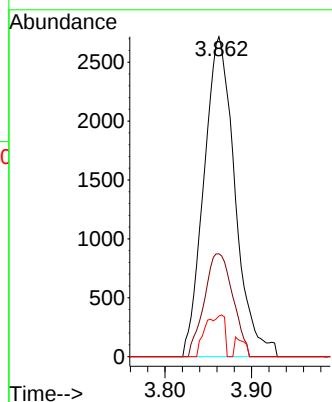
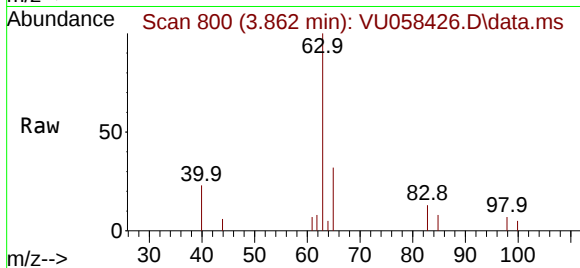
Tgt Ion: 63 Resp: 6766

Ion Ratio Lower Upper

63 100

65 32.1 22.9 42.5

83 12.7 9.6 17.8



#29

1,1,1-Trichloroethane

Concen: 11.094 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VU058426.D

Acq: 05 Apr 2024 17:56

Tgt Ion: 97 Resp: 113925

Ion Ratio Lower Upper

97 100

99 63.8 50.4 75.6

61 49.8 39.4 59.0

