

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058425.D
 Acq On : 05 Apr 2024 17:33
 Operator : MD/SY
 Sample : P1970-03DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ3DL

Quant Time: Apr 05 23:38:00 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)

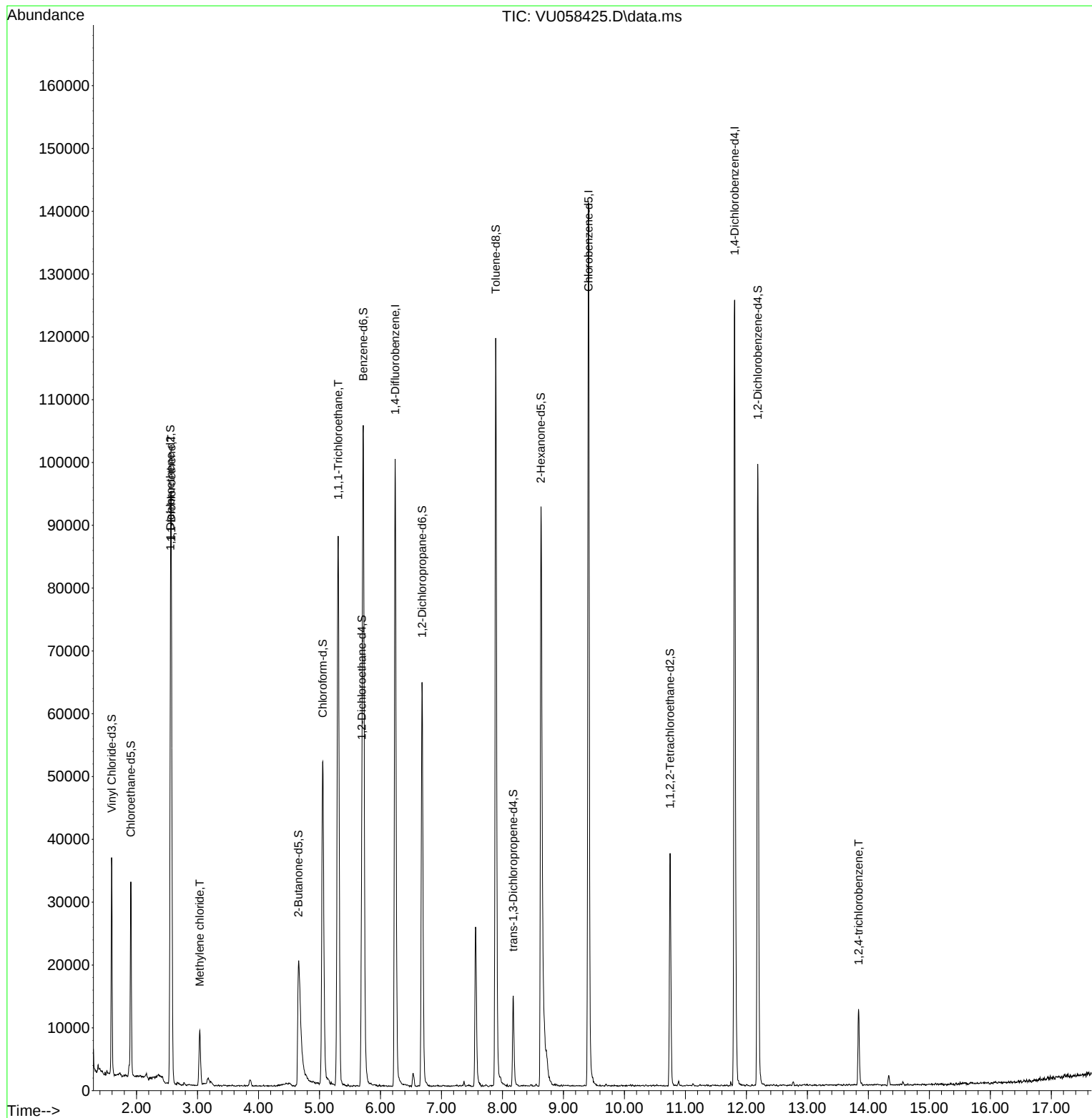
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	78643	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	75840	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23475	4.509	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.907	69	20978	4.636	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.557	65	11049	4.688	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.656	46	43954	40.058	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.120%
24) Chloroform-d	5.052	84	49461	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.695	65	22754	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.717	84	97438	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.682	67	31495	4.919	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.891	98	80534	4.448	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	8.177	79	8439	4.246	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.630	63	33864	41.307	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.620%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19539	4.322	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	25739	4.572	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
12) 1,1-Dichloroethene	2.573	96	18575	3.333	ug/L	96
16) Methylene chloride	3.036	84	3898	0.527	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	62436	6.140	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	4567	0.674	ug/L	97

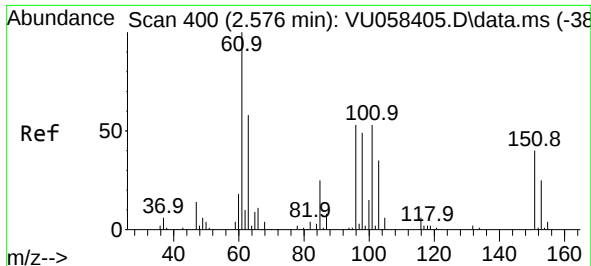
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.333 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

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Instrument :

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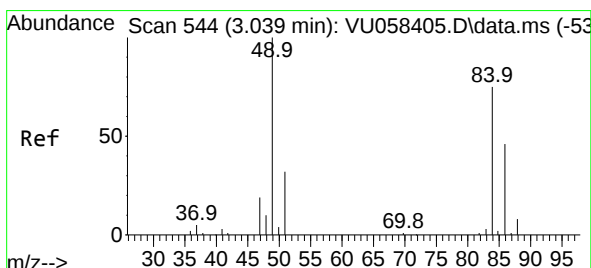
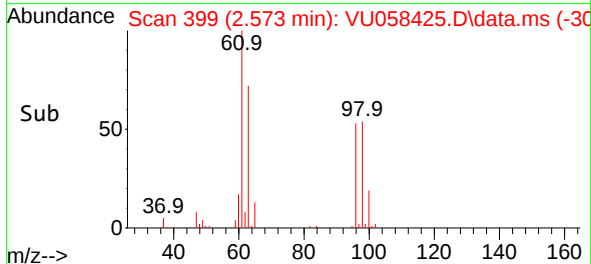
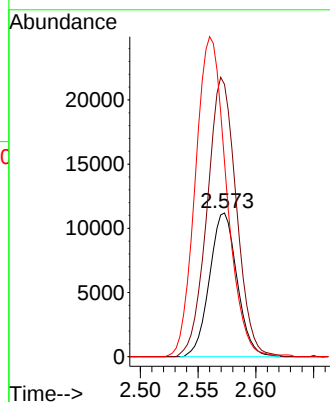
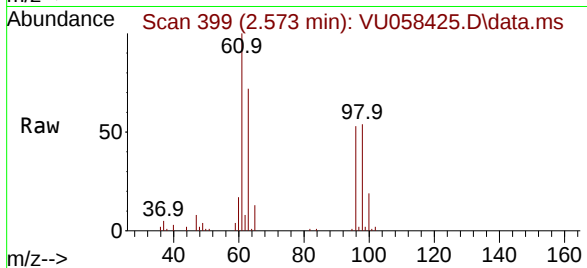
Tgt Ion: 96 Resp: 18575

Ion Ratio Lower Upper

96 100

61 189.6 132.5 246.1

63 135.6 87.7 162.9



#16

Methylene chloride

Concen: 0.527 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU058425.D

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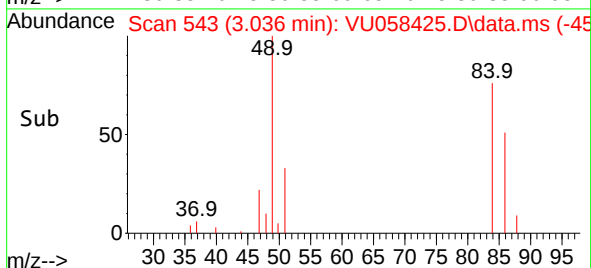
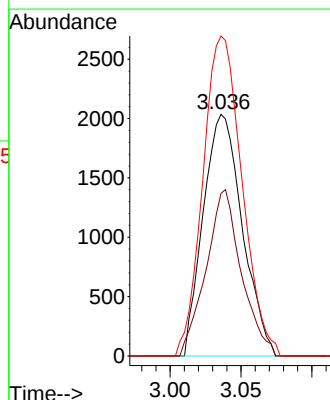
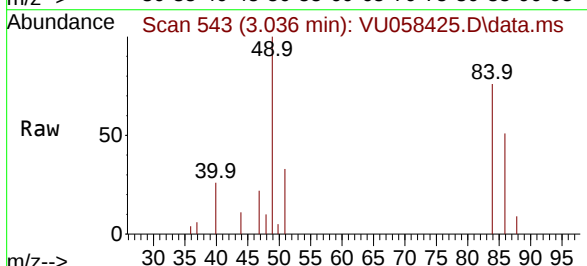
Tgt Ion: 84 Resp: 3898

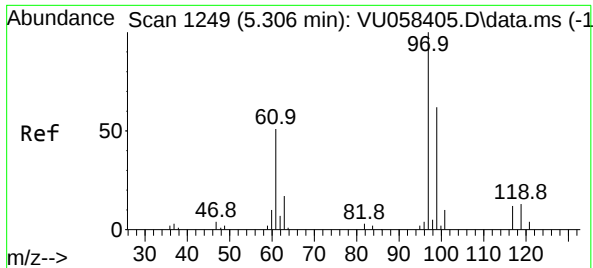
Ion Ratio Lower Upper

84 100

86 67.2 44.3 82.3

49 138.7 96.0 178.2

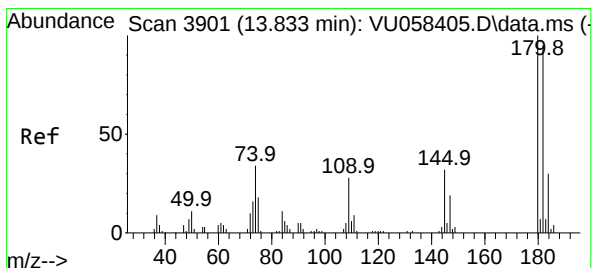
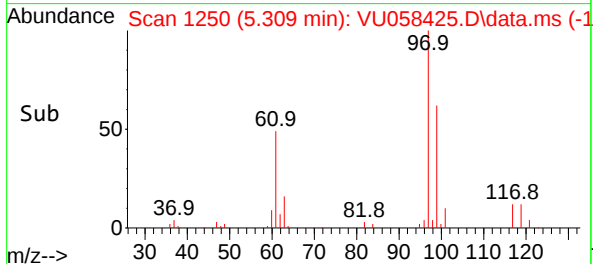
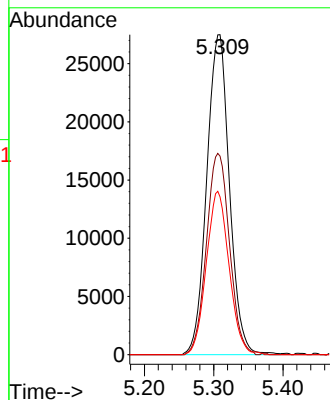
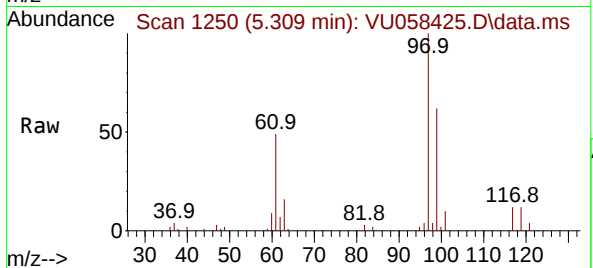




#29
1,1,1-Trichloroethane
Concen: 6.140 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU058425.D
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Tgt Ion: 97	Resp: 62436
Ion Ratio	Lower Upper
97 100	
99 64.0	50.4 75.6
61 51.4	39.4 59.0



#70
1,2,4-trichlorobenzene
Concen: 0.674 ug/L
RT: 13.839 min Scan# 3903
Delta R.T. 0.006 min
Lab File: VU058425.D
Acq: 05 Apr 2024 17:33

Tgt Ion:180	Resp:	4567	
Ion	Ratio	Lower	Upper
180	100		
182	95.3	74.4	111.6
145	28.2	24.1	36.1

