

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112023\
 Data File : VU056525.D
 Acq On : 20 Nov 2023 14:25
 Operator : MD/SY
 Sample : 05411-03DL 20X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QF5DL

Quant Time: Nov 21 00:40:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 21 00:36:07 2023
 Response via : Initial Calibration

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

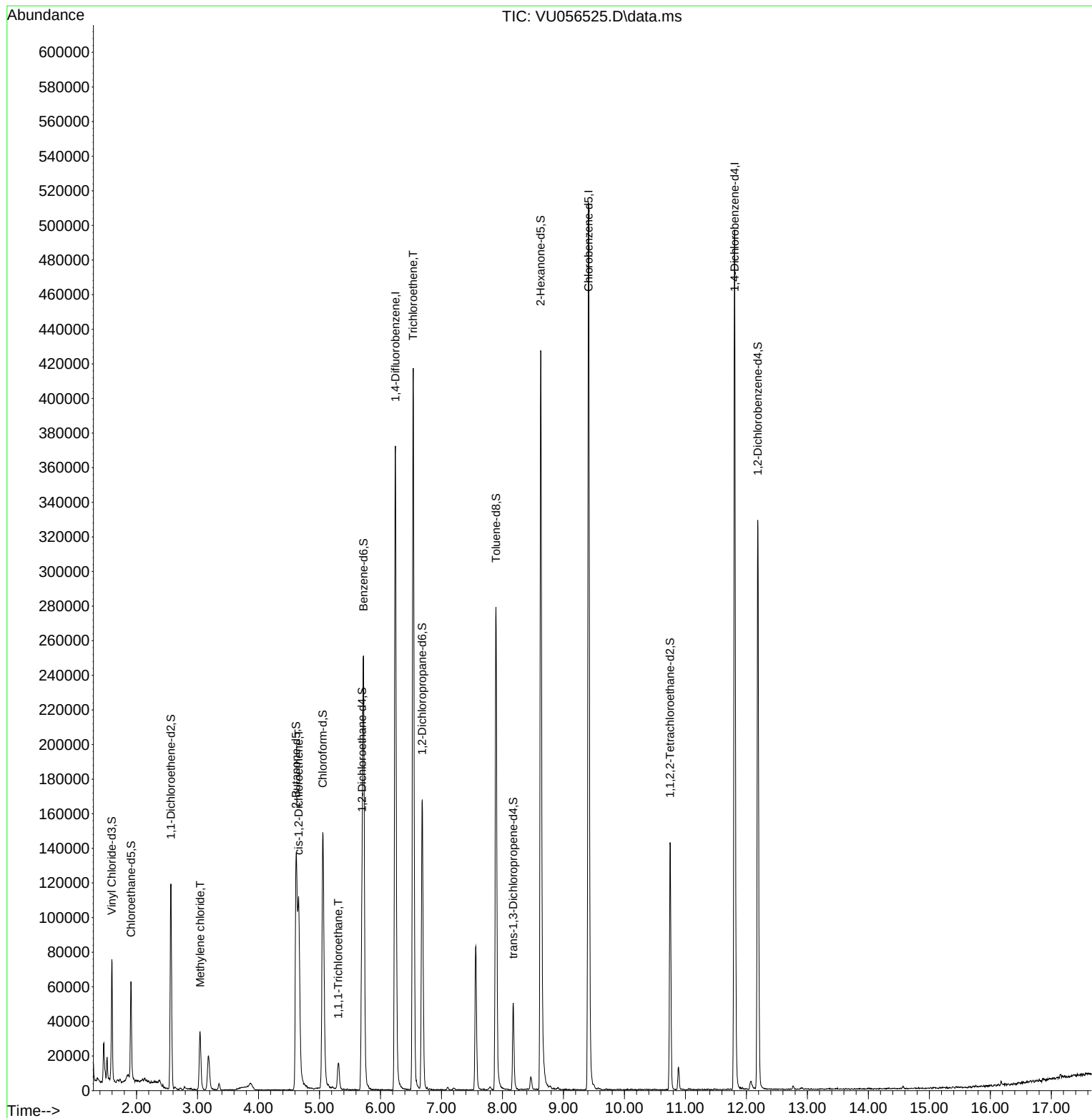
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	300478	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	296662	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	133428	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	48751	2.169	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	43.400%
7) Chloroethane-d5	1.910	69	42989	2.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	49.800%#
11) 1,1-Dichloroethene-d2	2.563	65	22608	2.279	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.600%#
20) 2-Butanone-d5	4.618	46	185402	41.371	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.740%
24) Chloroform-d	5.055	84	138274	3.181	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.600%#
26) 1,2-Dichloroethane-d4	5.698	65	69645	3.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
32) Benzene-d6	5.721	84	239699	2.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	54.200%#
36) 1,2-Dichloropropane-d6	6.685	67	82117	3.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	61.600%
41) Toluene-d8	7.894	98	198484	2.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	50.800%#
43) trans-1,3-Dichloroprop...	8.177	79	30223	2.958	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.200%
46) 2-Hexanone-d5	8.627	63	149211	37.164	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.320%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	72313	3.799	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	86496	3.509	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	70.200%#
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	17709	0.728	ug/L	88
22) cis-1,2-Dichloroethene	4.660	96	46827	2.182	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	12176	0.358	ug/L	96
34) Trichloroethene	6.534	95	150132	6.510	ug/L	97

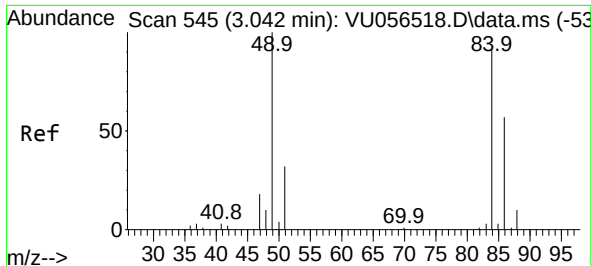
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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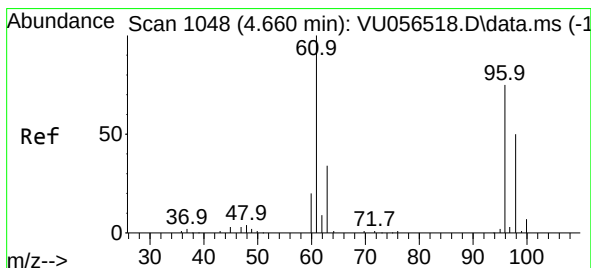
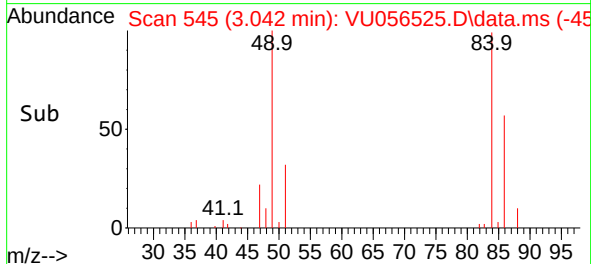
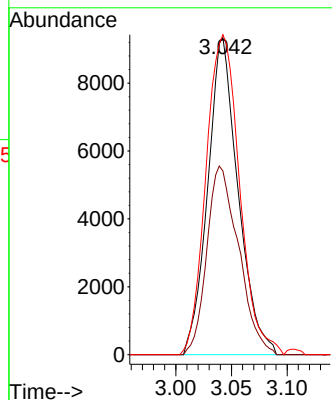
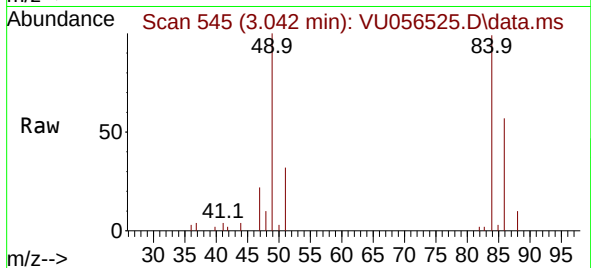




#16
Methylene chloride
Concen: 0.728 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU056525.D
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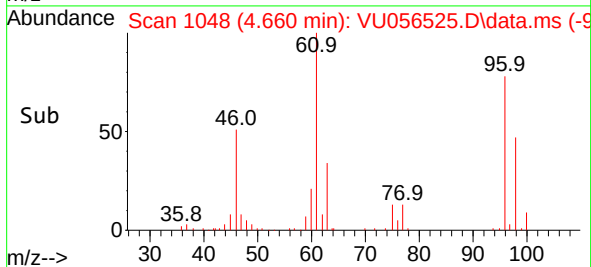
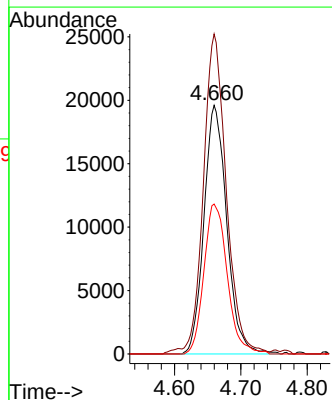
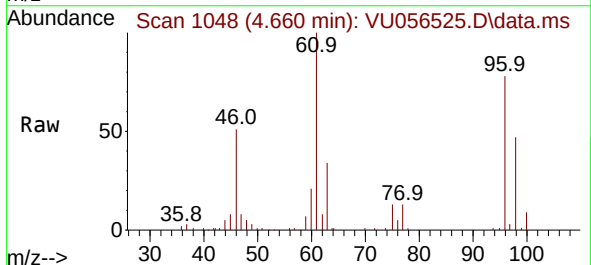
Instrument :
MSVOA_U
ClientSampleId :
C0QF5DL

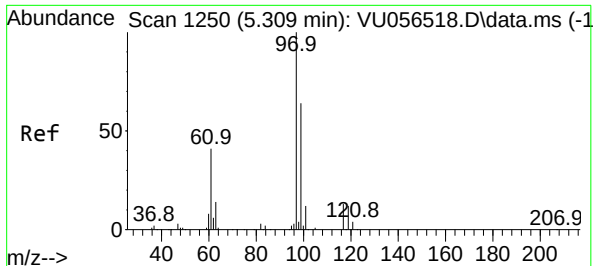
Tgt Ion: 84 Resp: 17709
Ion Ratio Lower Upper
84 100
86 57.9 44.7 83.1
49 101.0 81.8 152.0



#22
cis-1,2-Dichloroethene
Concen: 2.182 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU056525.D
Acq: 20 Nov 2023 14:25

Tgt Ion: 96 Resp: 46827
Ion Ratio Lower Upper
96 100
61 128.7 93.2 173.2
98 60.3 44.8 83.2





#29

1,1,1-Trichloroethane

Concen: 0.358 ug/L

RT: 5.309 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056525.D

Acq: 20 Nov 2023 14:25

Instrument :

MSVOA_U

ClientSampleId :

C0QF5DL

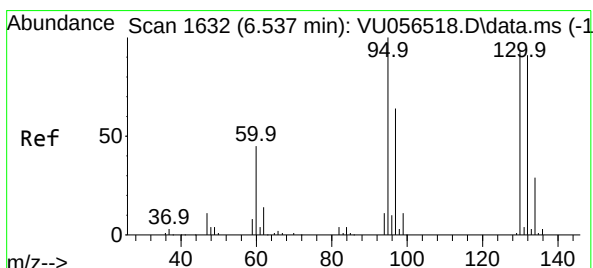
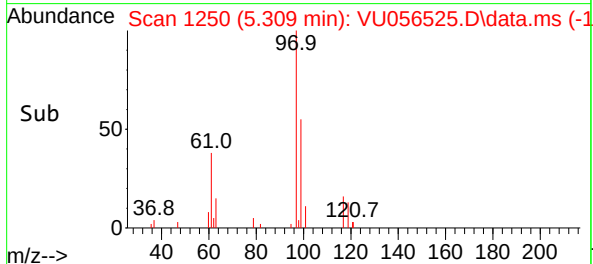
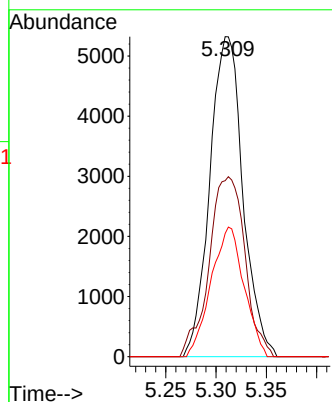
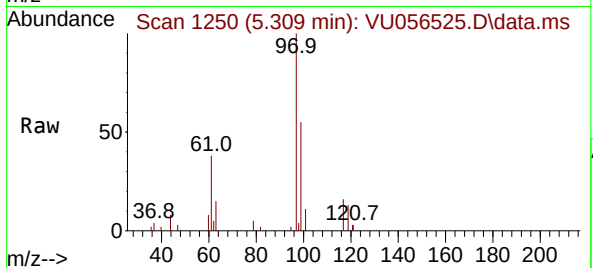
Tgt Ion: 97 Resp: 12176

Ion Ratio Lower Upper

97 100

99 60.9 51.6 77.4

61 40.4 34.3 51.5



#34

Trichloroethene

Concen: 6.510 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.003 min

Lab File: VU056525.D

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Tgt Ion: 95 Resp: 150132

Ion Ratio Lower Upper

95 100

97 64.1 46.5 86.3

132 86.5 62.0 115.2

130 90.4 66.3 123.1

