

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092523\
 Data File : VU055503.D
 Acq On : 25 Sep 2023 18:24
 Operator : MD/SY
 Sample : VIBLK141
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK141

Quant Time: Sep 26 01:24:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

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

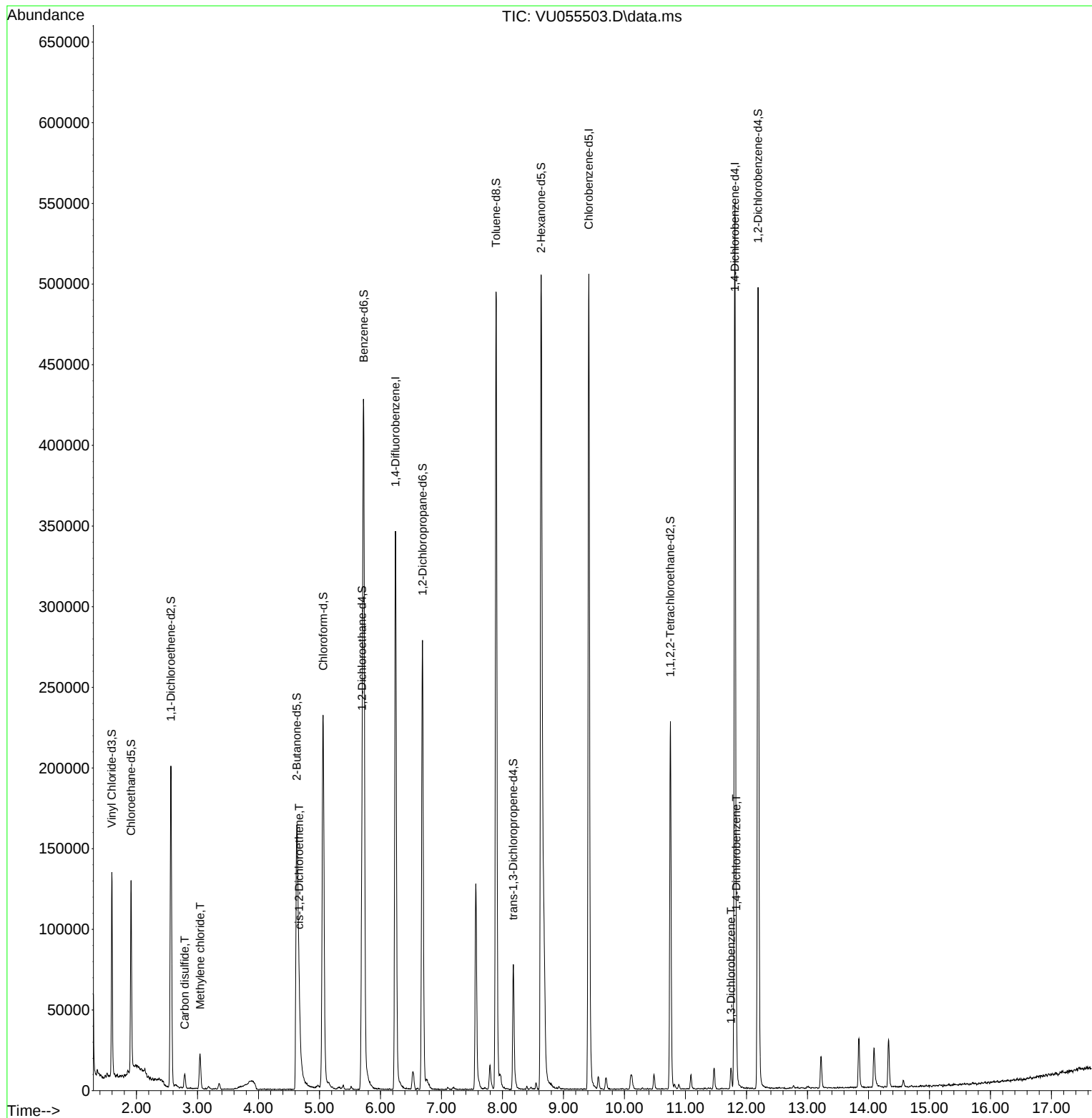
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	287602	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	294096	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	148546	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	88265	3.037	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.800%
7) Chloroethane-d5	1.911	69	84049	3.281	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.600%
11) 1,1-Dichloroethene-d2	2.563	65	38919	3.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.000%
20) 2-Butanone-d5	4.628	46	305444	58.176	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.360%
24) Chloroform-d	5.059	84	224855	4.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.698	65	114330	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.724	84	423772	4.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.689	67	143725	4.676	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.894	98	344316	3.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	8.177	79	46038	4.268	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.631	63	164178	50.042	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	116195	5.044	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	136129	4.540	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.792	76	12660	0.209	ug/L	100
16) Methylene chloride	3.043	84	11257	0.467	ug/L	97
22) cis-1,2-Dichloroethene	4.666	96	7566	0.322	ug/L	94
64) 1,3-Dichlorobenzene	11.746	146	5543	0.135	ug/L	87
65) 1,4-Dichlorobenzene	11.833	146	7211	0.176	ug/L	90

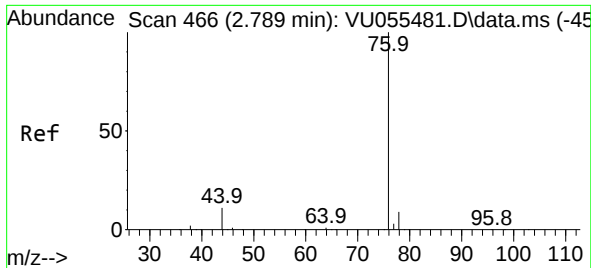
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.209 ug/L

RT: 2.792 min Scan# 4

Delta R.T. 0.003 min

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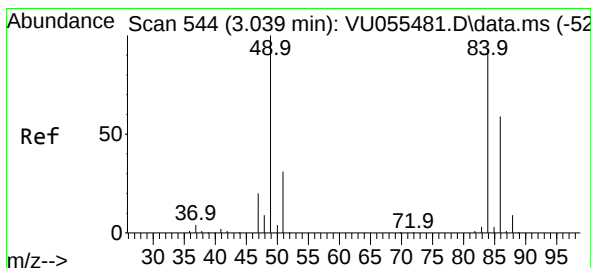
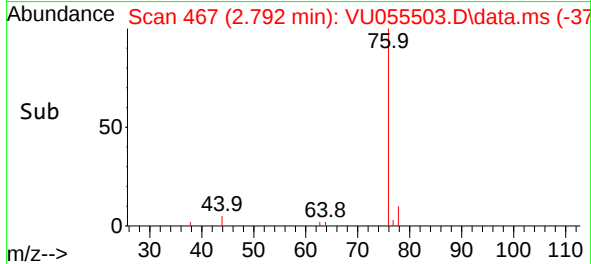
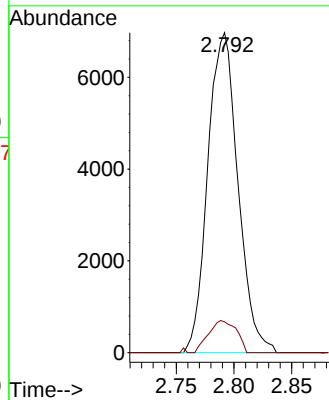
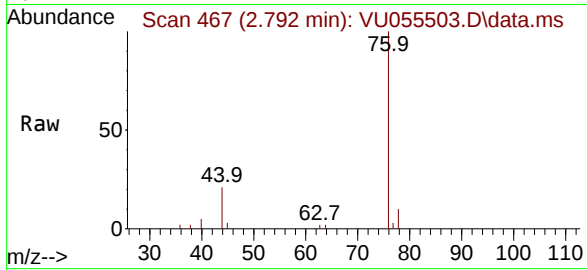
VIBLK141

Tgt Ion: 76 Resp: 12660

Ion Ratio Lower Upper

76 100

78 9.7 7.7 11.5



#16

Methylene chloride

Concen: 0.467 ug/L

RT: 3.043 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU055503.D

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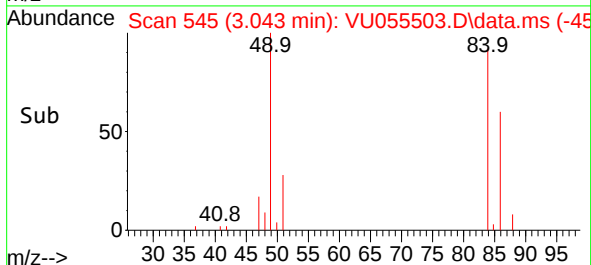
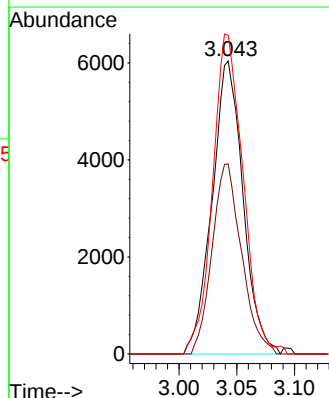
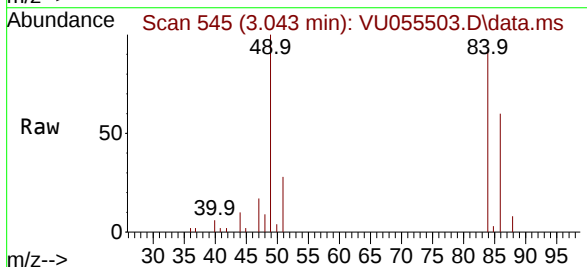
Tgt Ion: 84 Resp: 11257

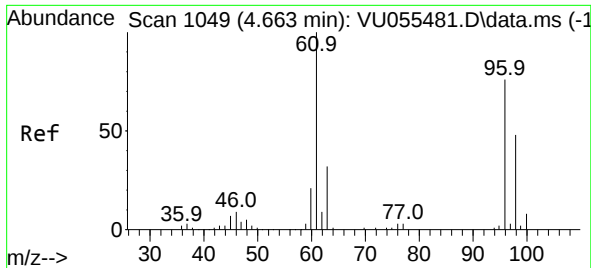
Ion Ratio Lower Upper

84 100

86 64.9 44.9 83.3

49 108.8 78.8 146.3





#22

cis-1,2-Dichloroethene

Concen: 0.322 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.007 min

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Instrument :

MSVOA_U

ClientSampleId :

VIBLK141

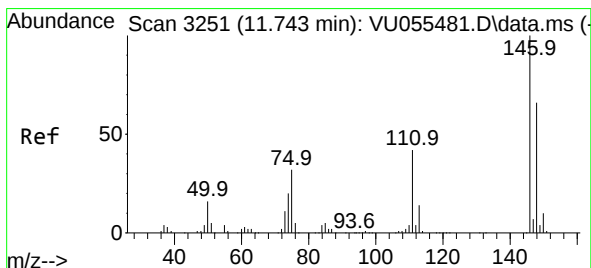
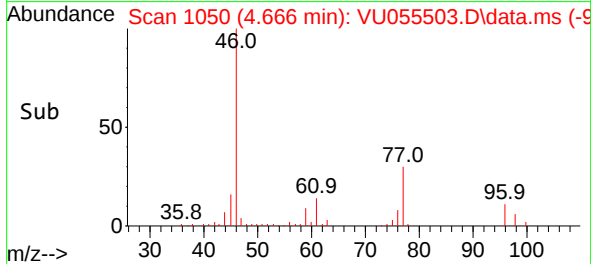
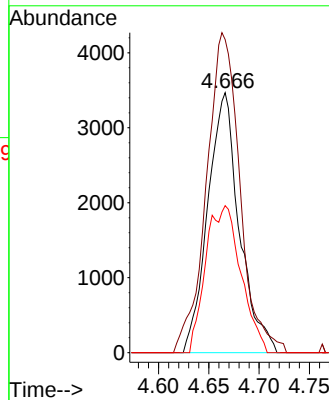
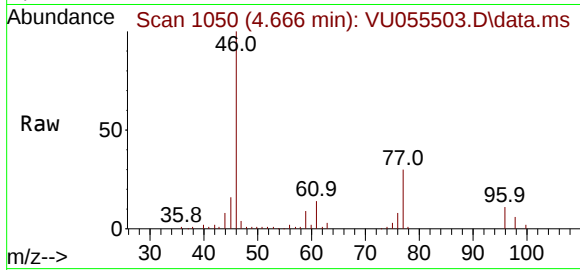
Tgt Ion: 96 Resp: 7566

Ion Ratio Lower Upper

96 100

61 120.4 87.8 163.2

98 56.5 44.4 82.4



#64

1,3-Dichlorobenzene

Concen: 0.135 ug/L

RT: 11.746 min Scan# 3252

Delta R.T. 0.003 min

Lab File: VU055503.D

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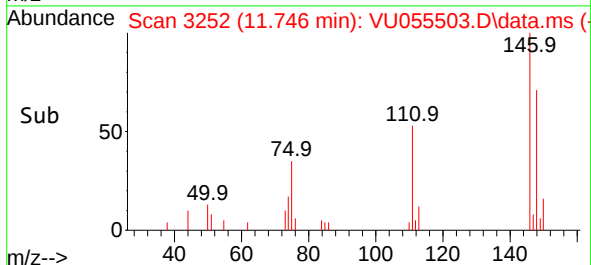
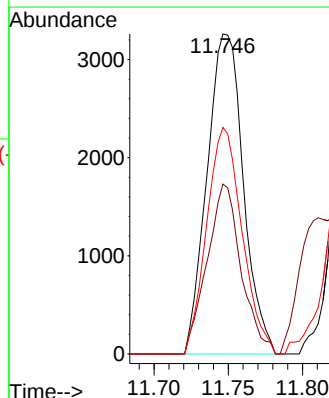
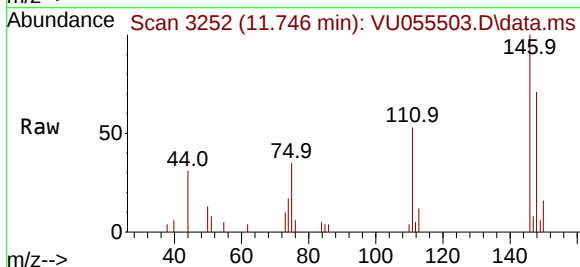
Tgt Ion: 146 Resp: 5543

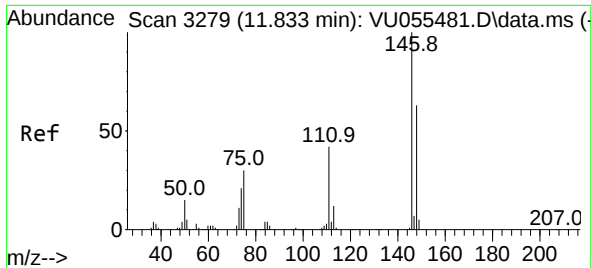
Ion Ratio Lower Upper

146 100

111 53.1 28.8 53.6

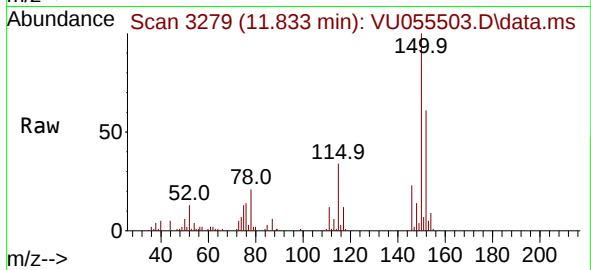
148 70.8 44.6 82.8





#65
 1,4-Dichlorobenzene
 Concen: 0.176 ug/L
 RT: 11.833 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU055503.D
 Acq: 25 Sep 2023 18:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK141



Tgt Ion:	146	Resp:	7211
Ion	Ratio	Lower	Upper
146	100		
111	49.5	29.0	53.8
148	58.6	45.4	84.4

