

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061523\
 Data File : VU054525.D
 Acq On : 15 Jun 2023 14:46
 Operator : MD/SY
 Sample : 03253-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYX0

Quant Time: Jun 16 01:32:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

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

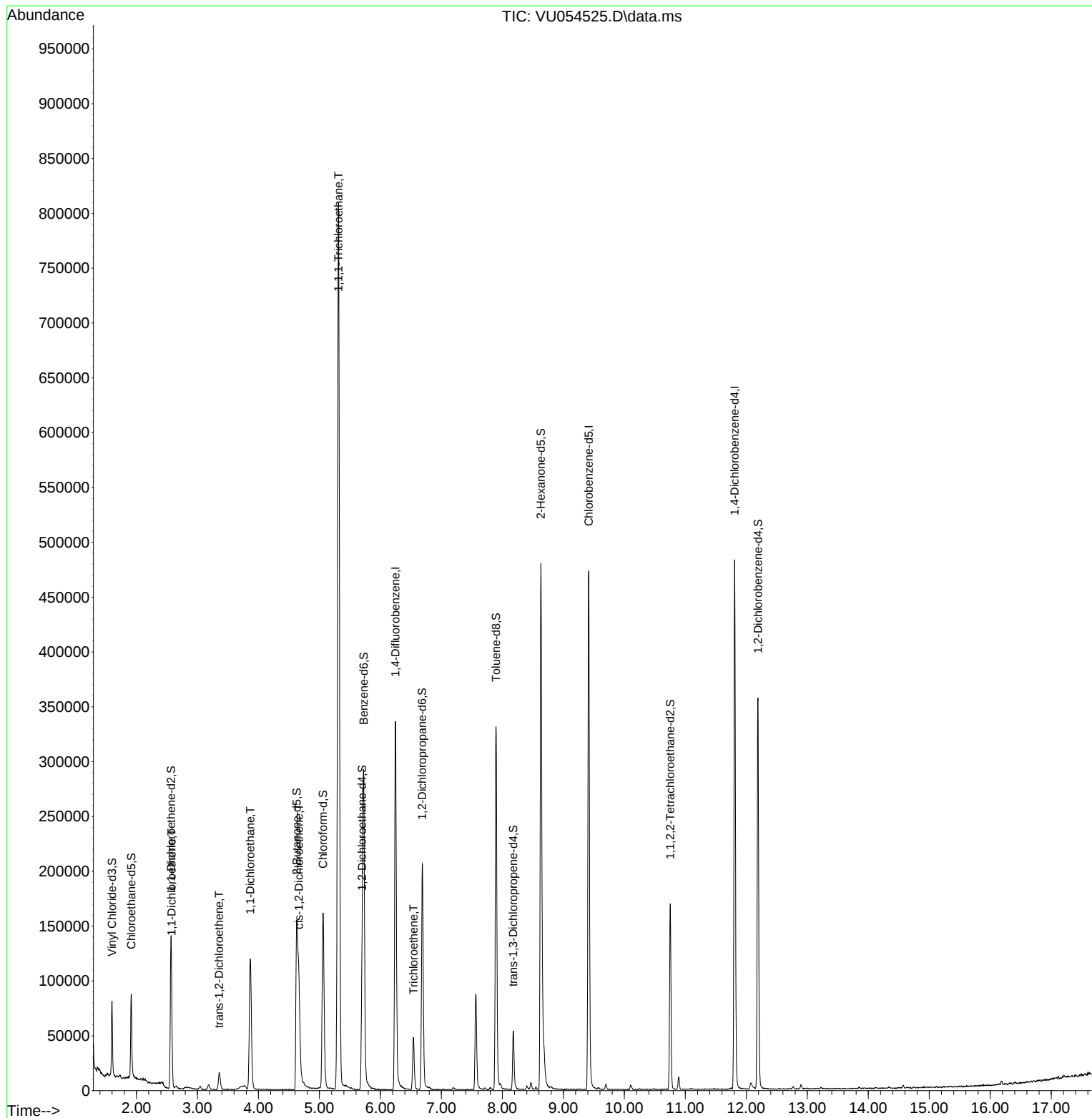
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	280133	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	271070	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	132980	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	50336	2.823	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.400%
7) Chloroethane-d5	1.914	69	57888	3.468	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.400%
11) 1,1-Dichloroethene-d2	2.567	65	25529	3.206	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	4.628	46	254160	50.705	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.420%
24) Chloroform-d	5.059	84	153226	4.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.698	65	79357	4.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.724	84	275900	3.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.200%
36) 1,2-Dichloropropane-d6	6.685	67	102573	4.076	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.894	98	227322	3.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.000%#
43) trans-1,3-Dichloroprop...	8.177	79	32299	3.691	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.631	63	162534	44.271	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.540%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86700	4.620	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	98842	4.407	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	8172	0.402	ug/L	# 1
18) trans-1,2-Dichloroethene	3.354	96	4105	0.196	ug/L	90
19) 1,1-Dichloroethane	3.866	63	142998	3.294	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	33008	1.382	ug/L	93
29) 1,1,1-Trichloroethane	5.313	97	595161	16.192	ug/L	99
34) Trichloroethene	6.544	95	16010	0.621	ug/L	97

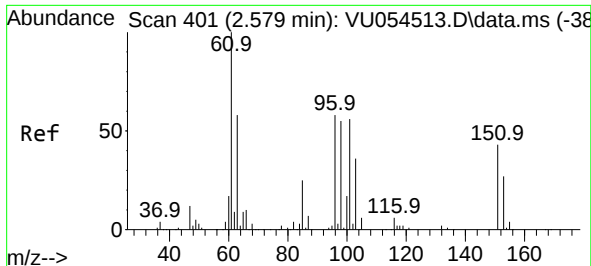
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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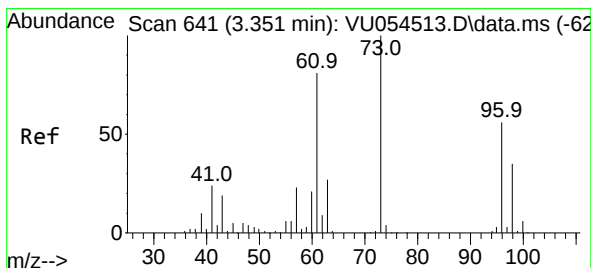
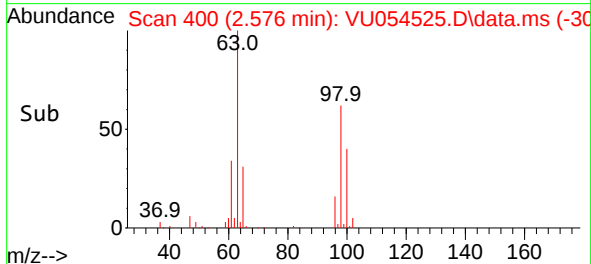
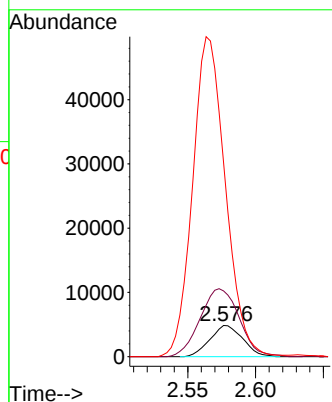
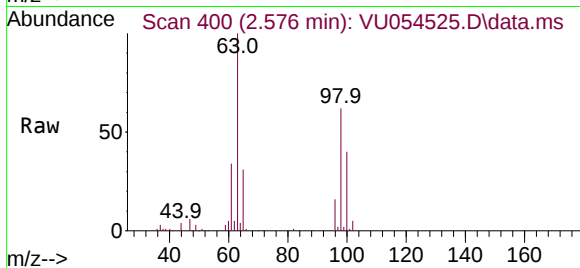




#12
1,1-Dichloroethene
Concen: 0.402 ug/L
RT: 2.576 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU054525.D
Acq: 15 Jun 2023 14:46

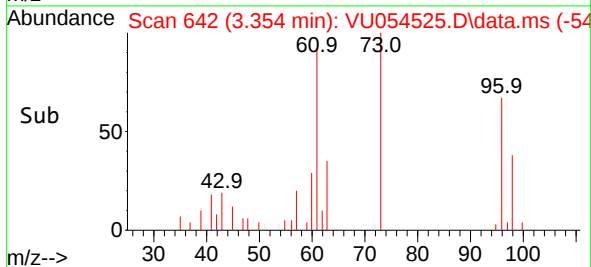
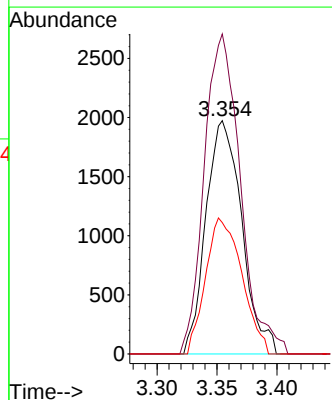
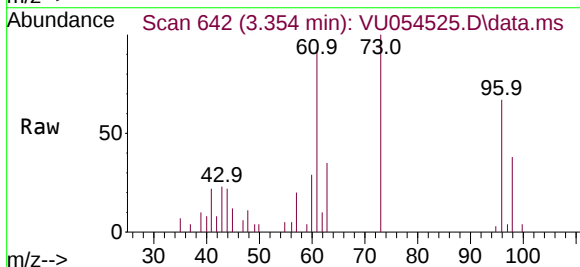
Instrument :
MSVOA_U
ClientSampleId :
EXYX0

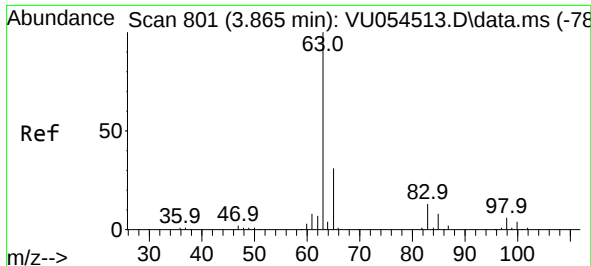
Tgt Ion: 96 Resp: 8172
Ion Ratio Lower Upper
96 100
61 211.3 119.9 222.7
63 623.3 64.3 119.3#



#18
trans-1,2-Dichloroethene
Concen: 0.196 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU054525.D
Acq: 15 Jun 2023 14:46

Tgt Ion: 96 Resp: 4105
Ion Ratio Lower Upper
96 100
61 137.1 104.6 194.2
98 56.3 45.4 84.4





#19

1,1-Dichloroethane

Concen: 3.294 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU054525.D

Acq: 15 Jun 2023 14:46

Instrument :

MSVOA_U

ClientSampleId :

EXYX0

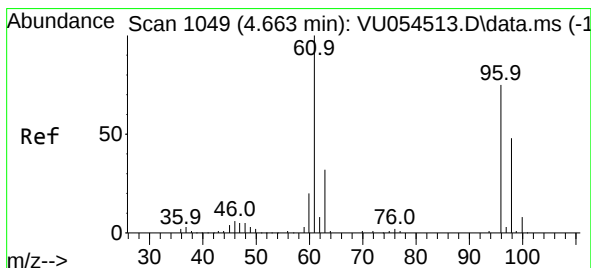
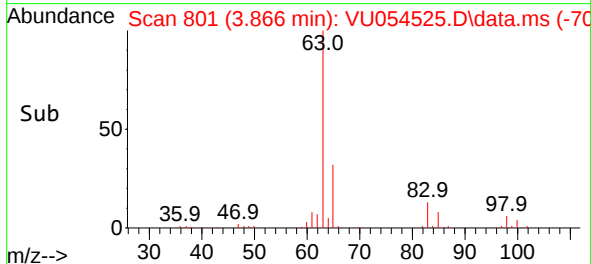
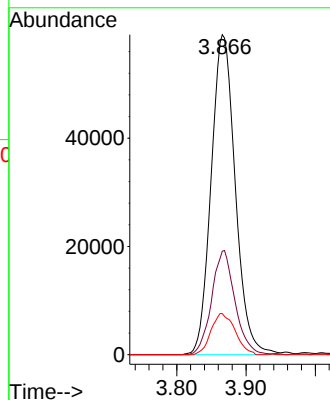
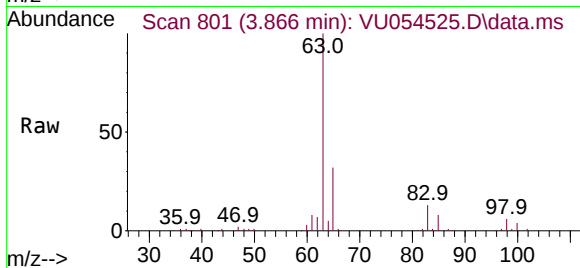
Tgt Ion: 63 Resp: 142998

Ion Ratio Lower Upper

63 100

65 32.3 22.2 41.2

83 12.8 9.0 16.6



#22

cis-1,2-Dichloroethene

Concen: 1.382 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU054525.D

Acq: 15 Jun 2023 14:46

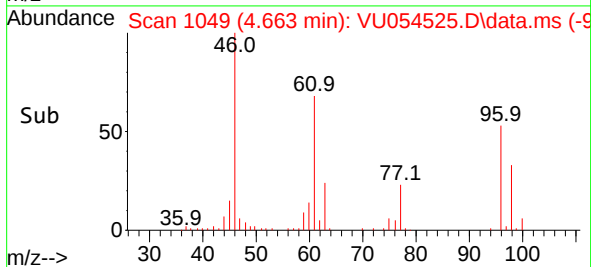
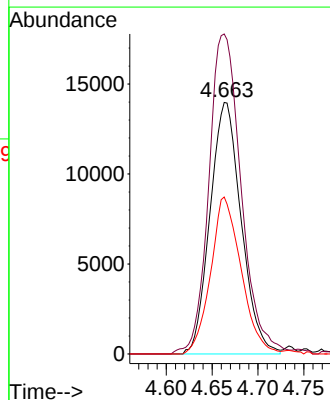
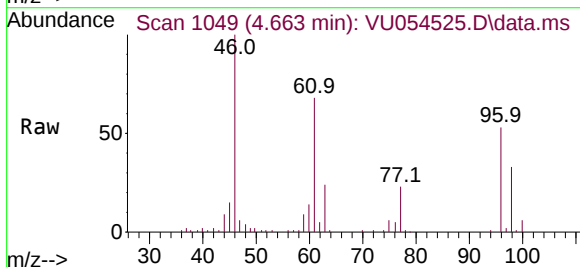
Tgt Ion: 96 Resp: 33008

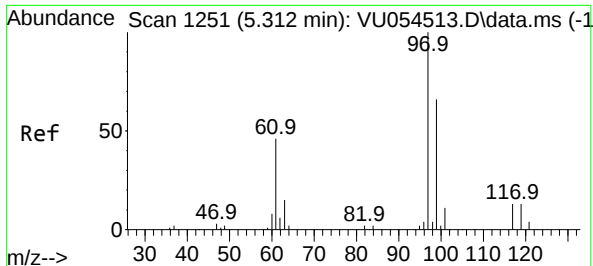
Ion Ratio Lower Upper

96 100

61 127.2 96.5 179.1

98 62.4 44.9 83.3





#29

1,1,1-Trichloroethane

Concen: 16.192 ug/L

RT: 5.313 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054525.D

Acq: 15 Jun 2023 14:46

Instrument :

MSVOA_U

ClientSampleId :

EXYX0

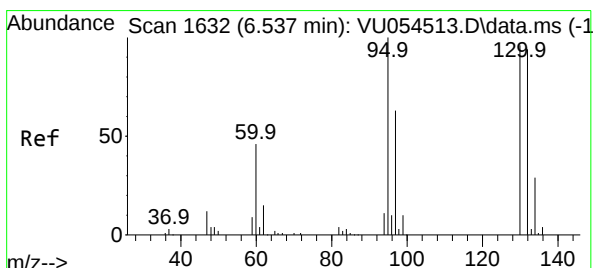
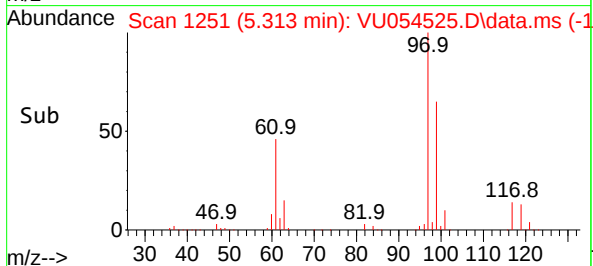
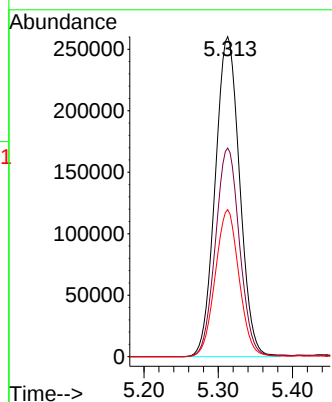
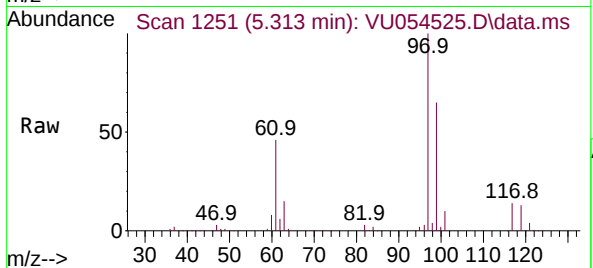
Tgt Ion: 97 Resp: 595161

Ion Ratio Lower Upper

97 100

99 64.4 50.8 76.2

61 44.9 36.1 54.1



#34

Trichloroethene

Concen: 0.621 ug/L

RT: 6.544 min Scan# 1634

Delta R.T. 0.003 min

Lab File: VU054525.D

Acq: 15 Jun 2023 14:46

Tgt Ion: 95 Resp: 16010

Ion Ratio Lower Upper

95 100

97 61.3 46.8 87.0

132 96.6 68.4 127.0

130 100.6 68.7 127.5

