

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060923\
 Data File : VU054473.D
 Acq On : 09 Jun 2023 19:26
 Operator : MD/SY
 Sample : 03104-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONL5

Quant Time: Jun 12 01:03:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 12 00:58:03 2023
 Response via : Initial Calibration

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

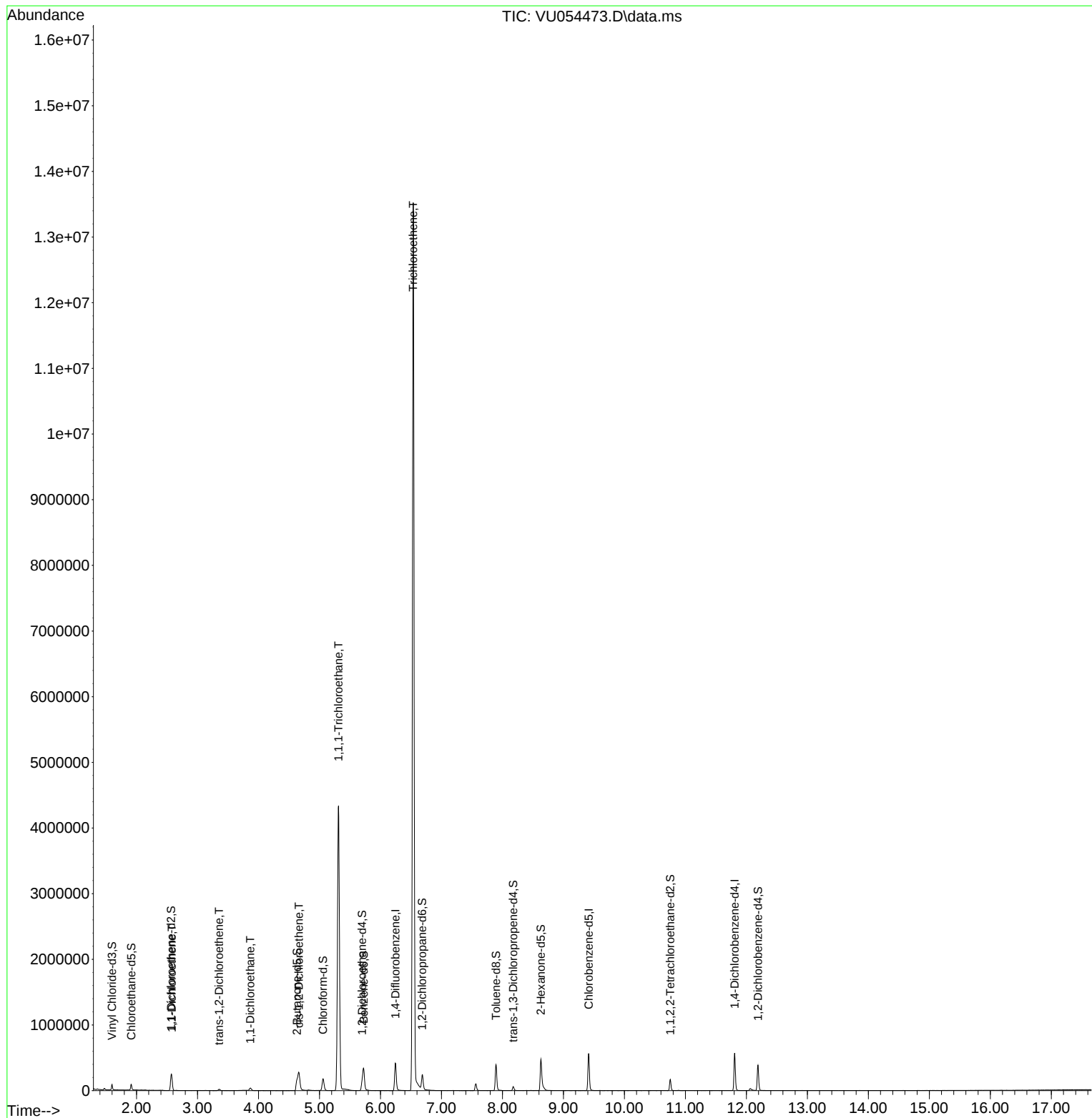
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	339344	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	321812	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	151759	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	60699	2.811	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.200%
7) Chloroethane-d5	1.914	69	68813	3.403	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.000%
11) 1,1-Dichloroethene-d2	2.566	65	28943	3.001	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.000%
20) 2-Butanone-d5	4.631	46	260058	42.829	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.660%
24) Chloroform-d	5.058	84	170444	3.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.600%
26) 1,2-Dichloroethane-d4	5.698	65	86352	3.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
32) Benzene-d6	5.724	84	320674	3.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.600%
36) 1,2-Dichloropropane-d6	6.685	67	115819	3.877	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.600%
41) Toluene-d8	7.894	98	265987	3.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.000%#
43) trans-1,3-Dichloroprop...	8.177	79	37243	3.585	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.600%
46) 2-Hexanone-d5	8.630	63	155983	35.788	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.580%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	89496	4.017	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	106695	4.168	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.579	96	52932	2.151	ug/L #	87
18) trans-1,2-Dichloroethene	3.354	96	6723	0.265	ug/L	91
19) 1,1-Dichloroethane	3.865	63	47432	0.902	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	118444	4.093	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	3184887	72.984	ug/L	99
34) Trichloroethene	6.537	95	4763708	155.759	ug/L	97

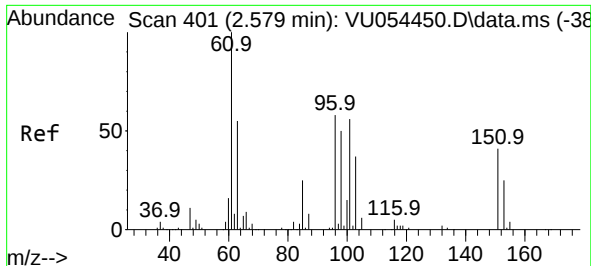
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.151 ug/L

RT: 2.579 min Scan# 401

Delta R.T. -0.000 min

Lab File: VU054473.D

Acq: 09 Jun 2023 19:26

Instrument :

MSVOA_U

ClientSampleId :

CONL5

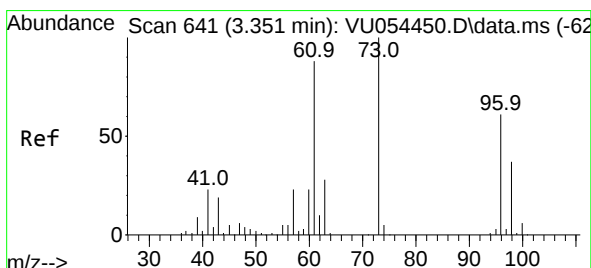
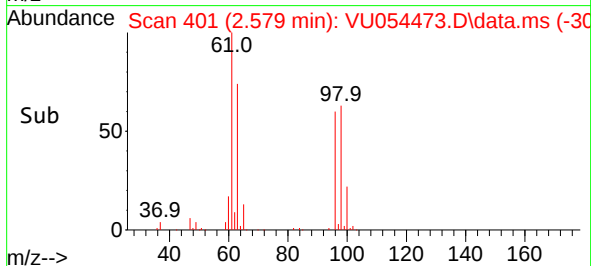
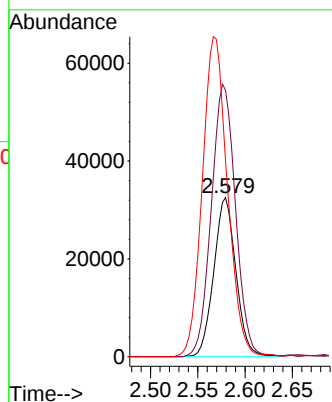
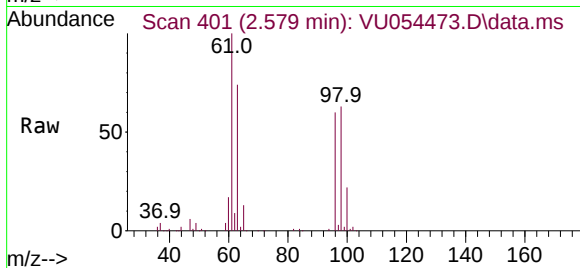
Tgt Ion: 96 Resp: 52932

Ion Ratio Lower Upper

96 100

61 167.6 119.9 222.7

63 123.4 64.3 119.3#



#18

trans-1,2-Dichloroethene

Concen: 0.265 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.003 min

Lab File: VU054473.D

Acq: 09 Jun 2023 19:26

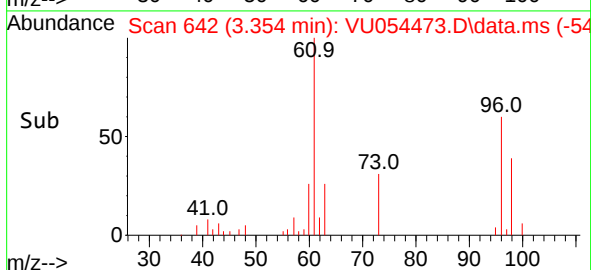
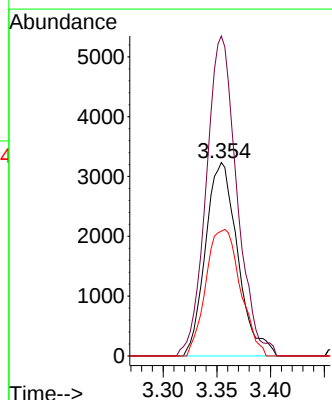
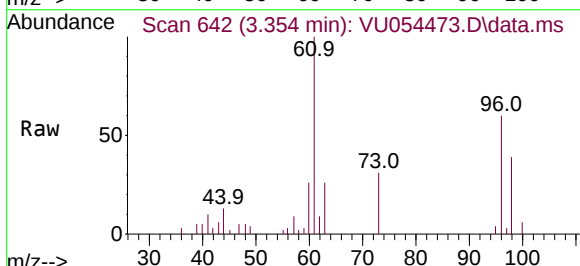
Tgt Ion: 96 Resp: 6723

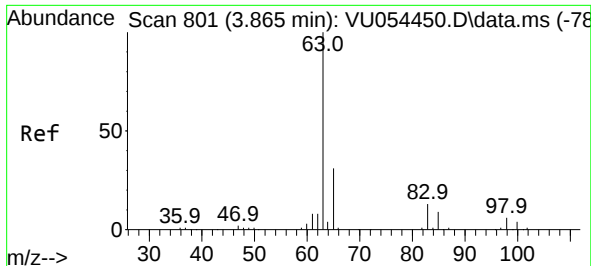
Ion Ratio Lower Upper

96 100

61 165.4 104.6 194.2

98 64.5 45.4 84.4





#19

1,1-Dichloroethane

Concen: 0.902 ug/L

RT: 3.865 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU054473.D

Acq: 09 Jun 2023 19:26

Instrument :

MSVOA_U

ClientSampleId :

CONL5

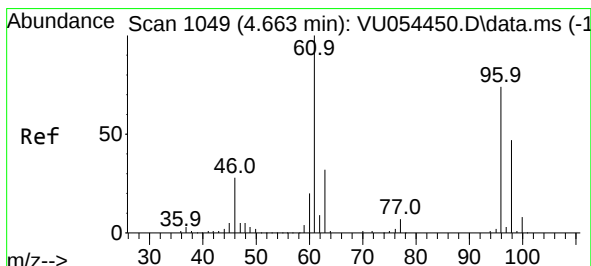
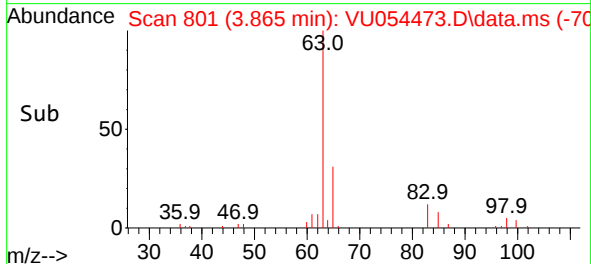
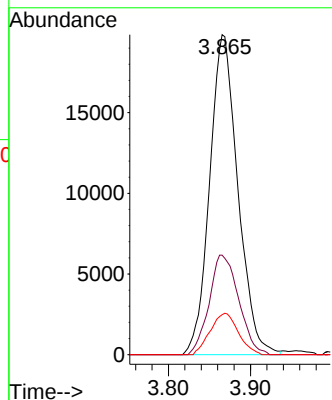
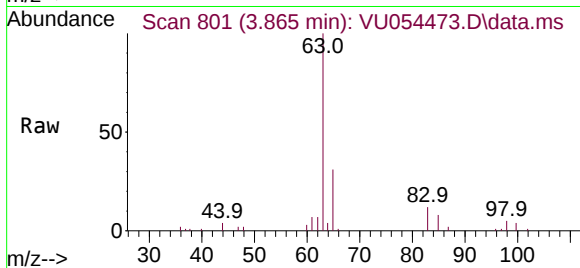
Tgt Ion: 63 Resp: 47432

Ion Ratio Lower Upper

63 100

65 31.1 22.2 41.2

83 12.5 9.0 16.6



#22

cis-1,2-Dichloroethene

Concen: 4.093 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VU054473.D

Acq: 09 Jun 2023 19:26

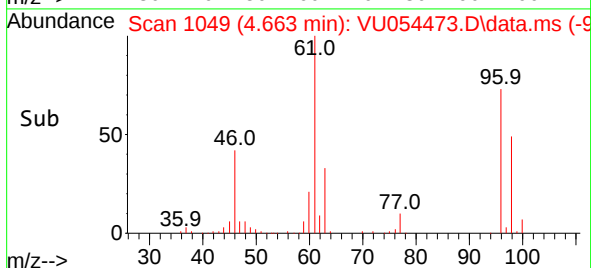
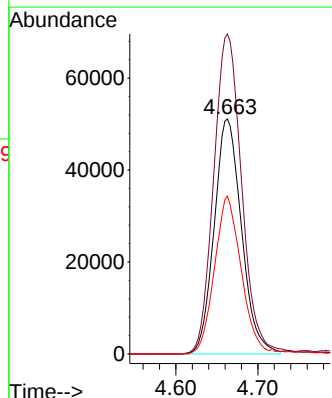
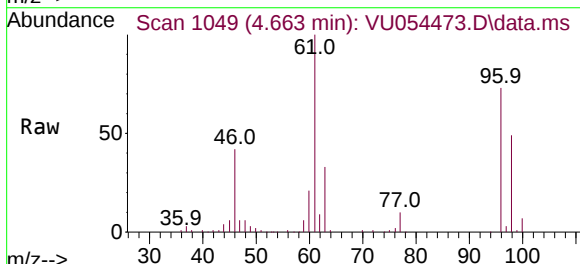
Tgt Ion: 96 Resp: 118444

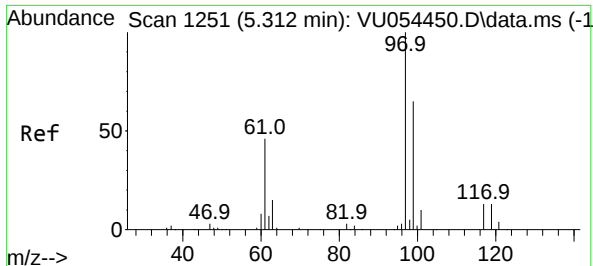
Ion Ratio Lower Upper

96 100

61 136.1 96.5 179.1

98 67.2 44.9 83.3





#29

1,1,1-Trichloroethane

Concen: 72.984 ug/L

RT: 5.312 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054473.D

Acq: 09 Jun 2023 19:26

Instrument :

MSVOA_U

ClientSampleId :

CONL5

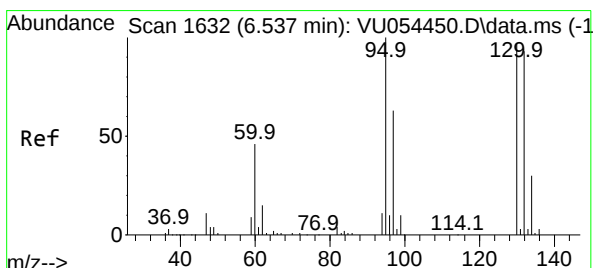
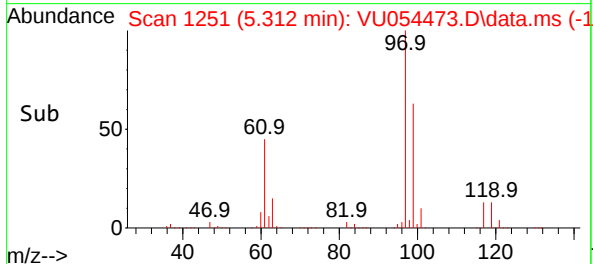
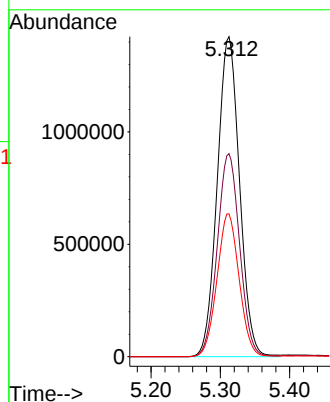
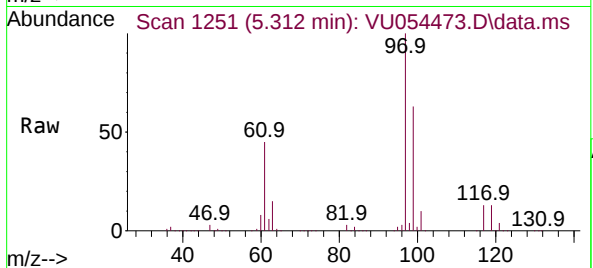
Tgt Ion: 97 Resp: 3184887

Ion Ratio Lower Upper

97 100

99 63.8 50.8 76.2

61 44.4 36.1 54.1



#34

Trichloroethene

Concen: 155.759 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VU054473.D

Acq: 09 Jun 2023 19:26

Tgt Ion: 95 Resp: 4763708

Ion Ratio Lower Upper

95 100

97 65.3 46.8 87.0

132 92.4 68.4 127.0

130 96.1 68.7 127.5

