

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061623\
 Data File : VU054570.D
 Acq On : 16 Jun 2023 13:46
 Operator : MD/SY
 Sample : 03284-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCGZ9

Quant Time: Jun 17 06:14:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 17 06:10:25 2023
 Response via : Initial Calibration

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

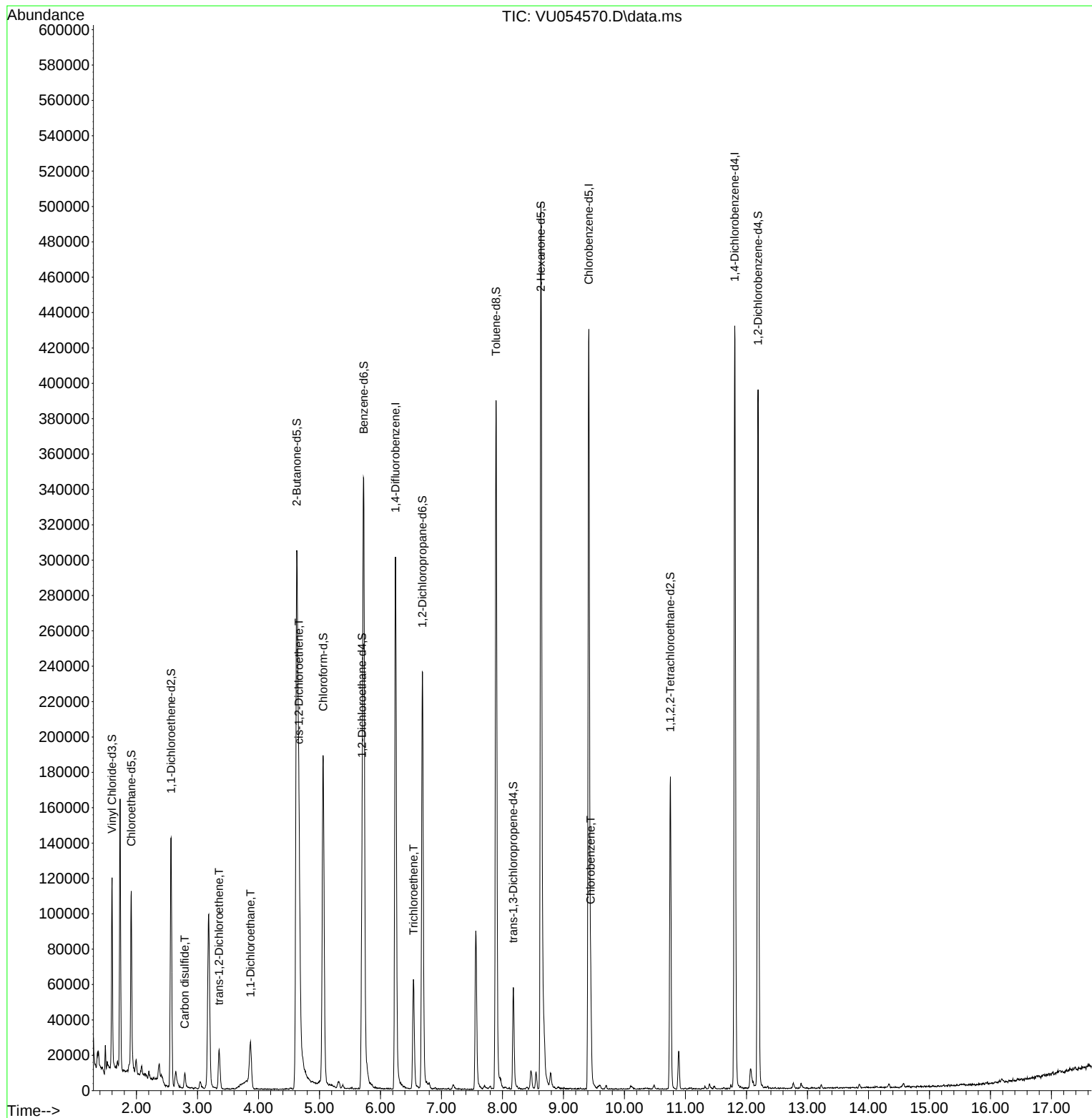
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	250180	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	242080	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	118849	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	57678	3.623	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.914	69	77614	5.207	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.200%
11) 1,1-Dichloroethene-d2	2.567	65	28415	3.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.628	46	257873	57.606	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.220%
24) Chloroform-d	5.059	84	177479	5.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
26) 1,2-Dichloroethane-d4	5.698	65	88244	5.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	5.724	84	330900	4.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.685	67	118421	5.269	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.400%
41) Toluene-d8	7.894	98	269314	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.177	79	35145	4.497	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.631	63	173136	52.806	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.620%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	91534	5.462	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	105398	5.258	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.792	76	10944	0.203	ug/L	96
18) trans-1,2-Dichloroethene	3.354	96	8548	0.456	ug/L	89
19) 1,1-Dichloroethane	3.869	63	30120	0.777	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	45108	2.114	ug/L	97
34) Trichloroethene	6.541	95	21864	0.950	ug/L	95
51) Chlorobenzene	9.444	112	30502	0.546	ug/L	98

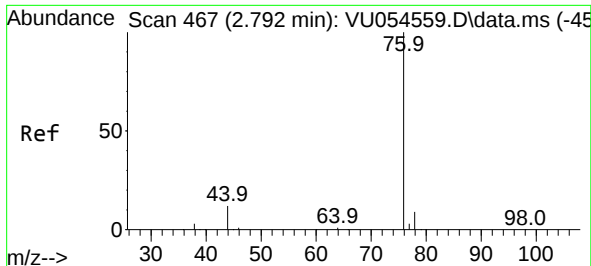
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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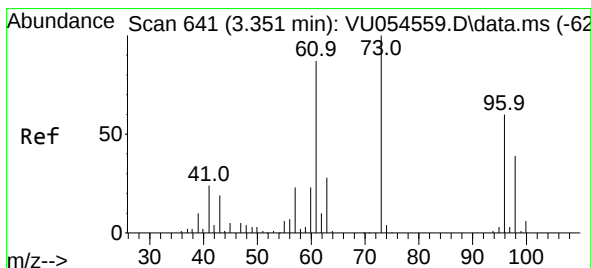
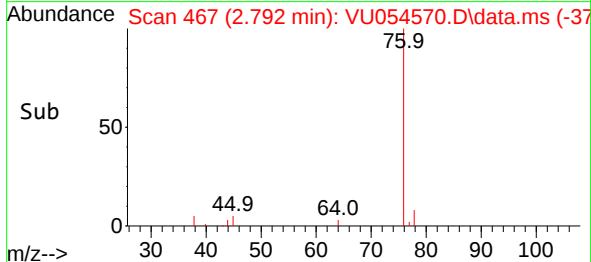
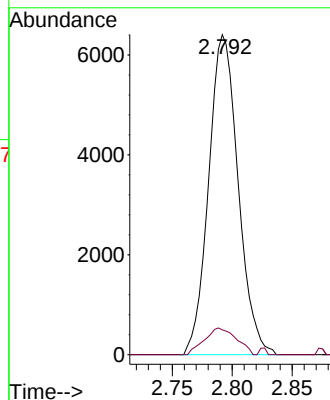
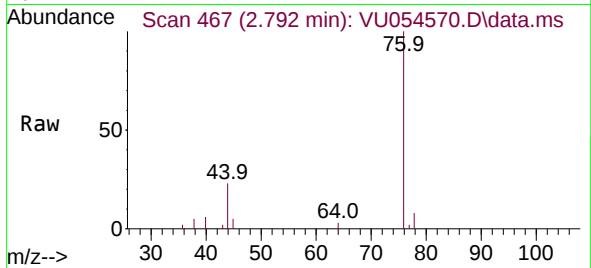




#14
Carbon disulfide
Concen: 0.203 ug/L
RT: 2.792 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU054570.D
Acq: 16 Jun 2023 13:46

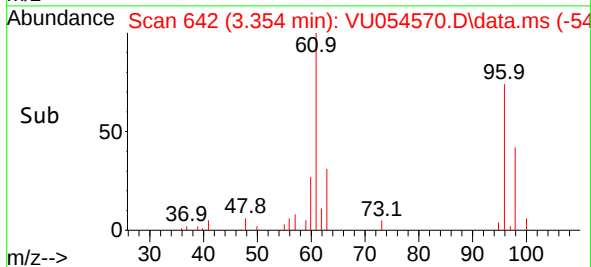
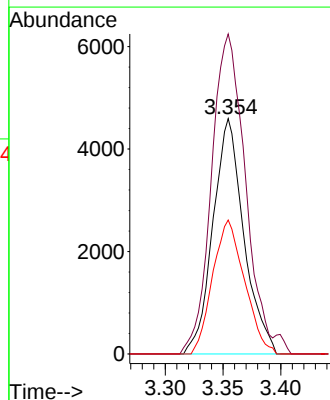
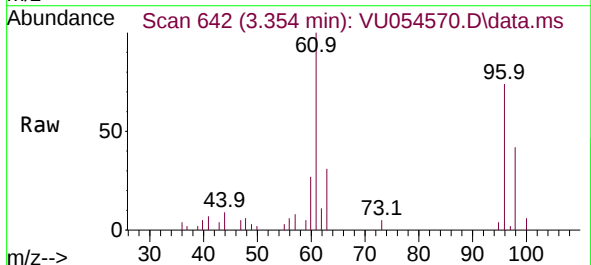
Instrument :
MSVOA_U
ClientSampleId :
DCGZ9

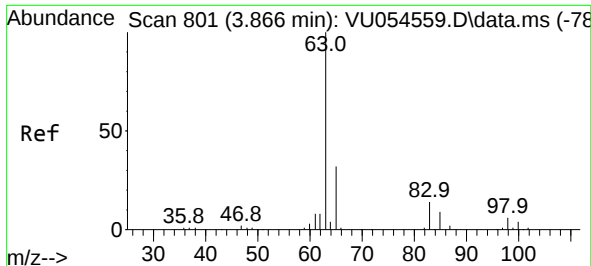
Tgt Ion: 76 Resp: 10944
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.0



#18
trans-1,2-Dichloroethene
Concen: 0.456 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU054570.D
Acq: 16 Jun 2023 13:46

Tgt Ion: 96 Resp: 8548
Ion Ratio Lower Upper
96 100
61 135.9 104.6 194.2
98 56.9 45.4 84.4





#19

1,1-Dichloroethane

Concen: 0.777 ug/L

RT: 3.869 min Scan# 801

Delta R.T. 0.003 min

Lab File: VU054570.D

Acq: 16 Jun 2023 13:46

Instrument :

MSVOA_U

ClientSampleId :

DCGZ9

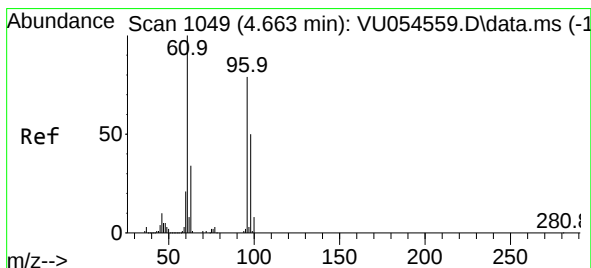
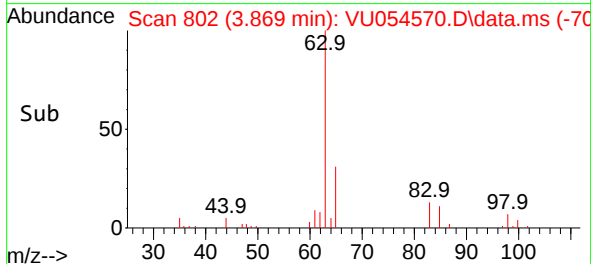
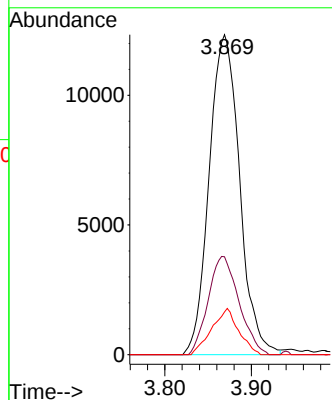
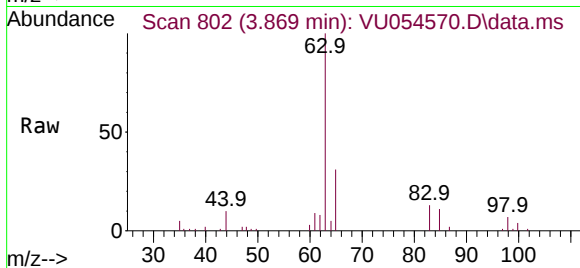
Tgt Ion: 63 Resp: 30120

Ion Ratio Lower Upper

63 100

65 30.6 22.2 41.2

83 13.4 9.0 16.6



#22

cis-1,2-Dichloroethene

Concen: 2.114 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU054570.D

Acq: 16 Jun 2023 13:46

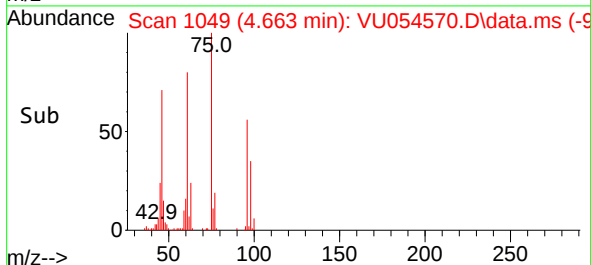
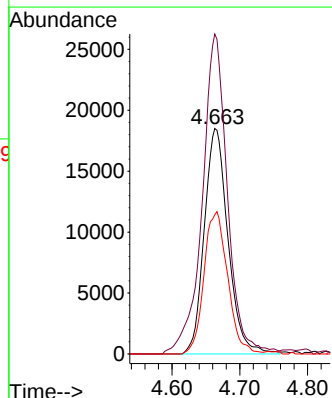
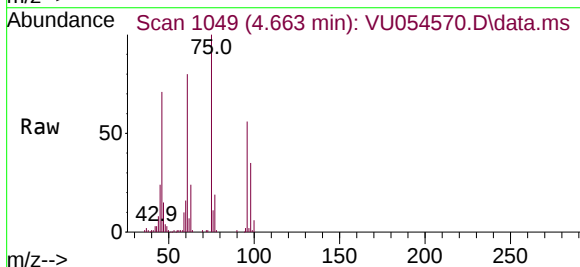
Tgt Ion: 96 Resp: 45108

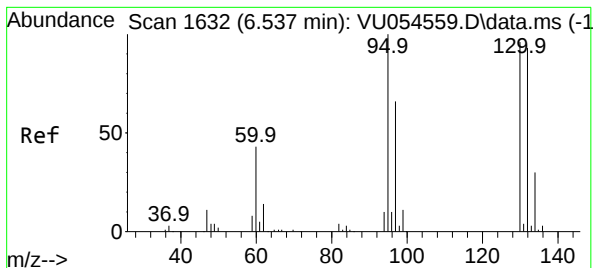
Ion Ratio Lower Upper

96 100

61 141.9 96.5 179.1

98 61.7 44.9 83.3





#34

Trichloroethene

Concen: 0.950 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU054570.D

Acq: 16 Jun 2023 13:46

Instrument :

MSVOA_U

ClientSampleId :

DCGZ9

Tgt Ion: 95 Resp: 21864

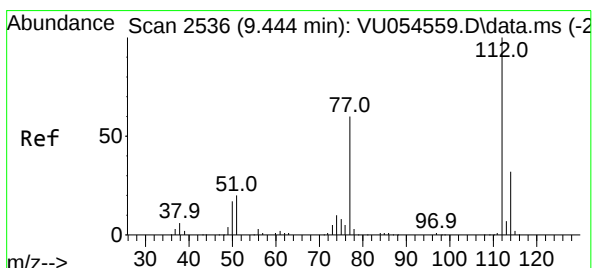
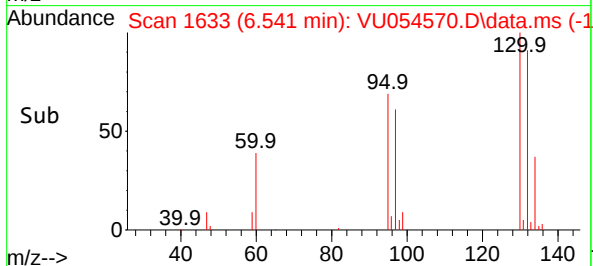
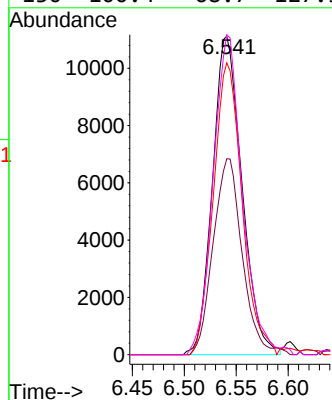
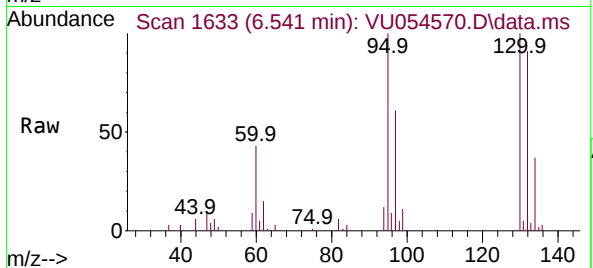
Ion Ratio Lower Upper

95 100

97 61.5 46.8 87.0

132 91.6 68.4 127.0

130 100.4 68.7 127.5



#51

Chlorobenzene

Concen: 0.546 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU054570.D

Acq: 16 Jun 2023 13:46

Tgt Ion: 112 Resp: 30502

Ion Ratio Lower Upper

112 100

114 32.6 22.7 42.1

77 64.4 49.8 74.8

