

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092823\
 Data File : VU055583.D
 Acq On : 28 Sep 2023 17:13
 Operator : MD/SY
 Sample : 04579-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYHZ1

Quant Time: Sep 29 02:14:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

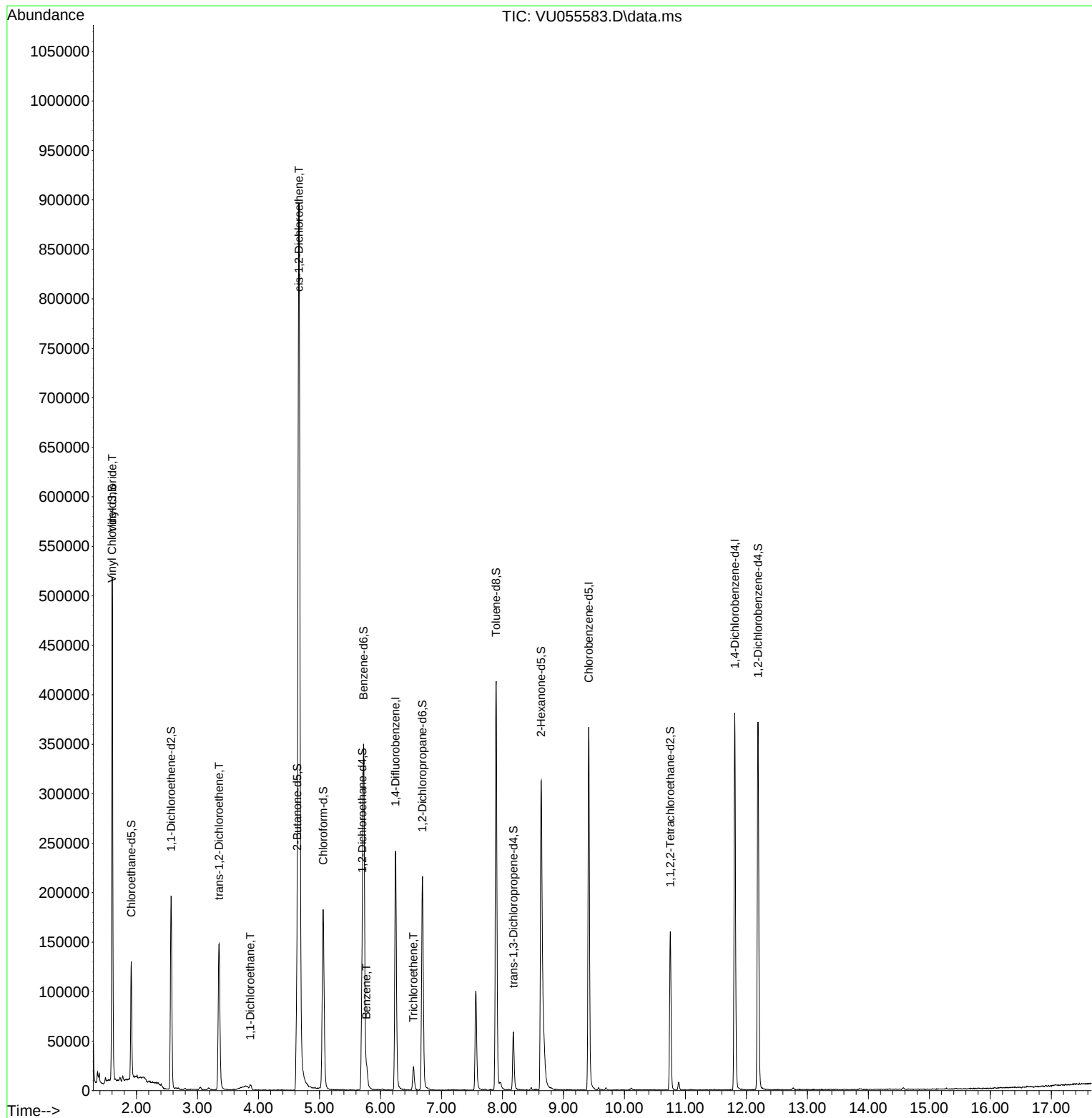
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	202454	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	208680	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	102407	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	94167	4.602	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.914	69	84367	4.679	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.567	65	35428	4.206	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.634	46	179810	48.651	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.300%
24) Chloroform-d	5.062	84	173906	4.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.701	65	85638	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.724	84	341113	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.689	67	104333	4.784	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.898	98	286296	4.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.180	79	35441	4.631	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.634	63	104619	44.940	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.880%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	81497	4.986	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	103185	4.992	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	271068	14.490	ug/L	99
18) trans-1,2-Dichloroethene	3.354	96	65665	4.603	ug/L	96
19) 1,1-Dichloroethane	3.866	63	6323	0.240	ug/L #	80
22) cis-1,2-Dichloroethene	4.663	96	469674	28.394	ug/L	98
33) Benzene	5.772	78	17609	0.293	ug/L	100
34) Trichloroethene	6.541	95	7808	0.460	ug/L	91

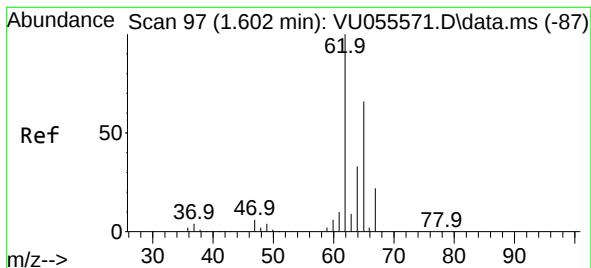
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 14.490 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

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ClientSampleId :

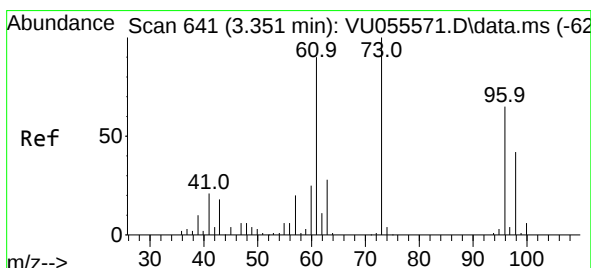
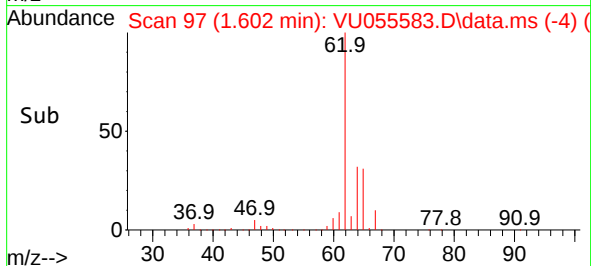
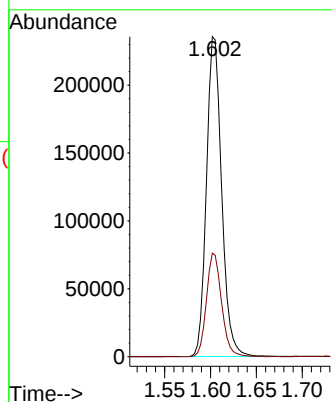
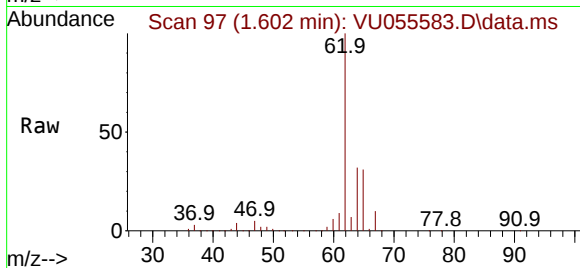
EYHZ1

Tgt Ion: 62 Resp: 271068

Ion Ratio Lower Upper

62 100

64 32.3 22.3 41.5



#18

trans-1,2-Dichloroethene

Concen: 4.603 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.003 min

Lab File: VU055583.D

Acq: 28 Sep 2023 17:13

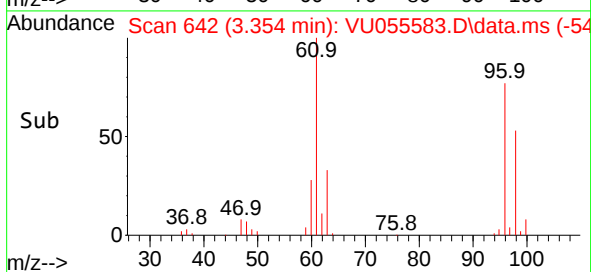
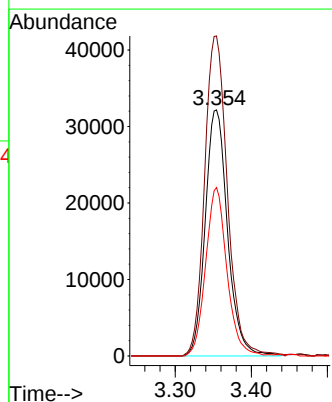
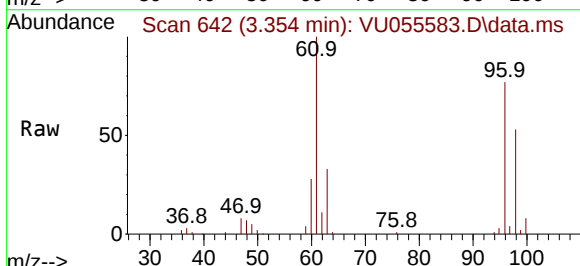
Tgt Ion: 96 Resp: 65665

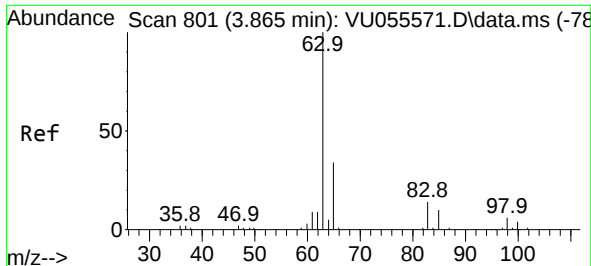
Ion Ratio Lower Upper

96 100

61 130.0 94.6 175.6

98 68.4 45.7 84.9





#19

1,1-Dichloroethane

Concen: 0.240 ug/L

RT: 3.866 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU055583.D

Acq: 28 Sep 2023 17:13

Instrument :

MSVOA_U

ClientSampleId :

EYHZ1

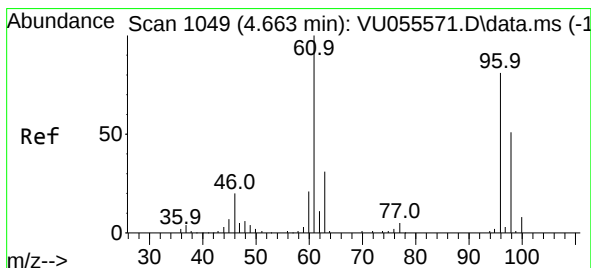
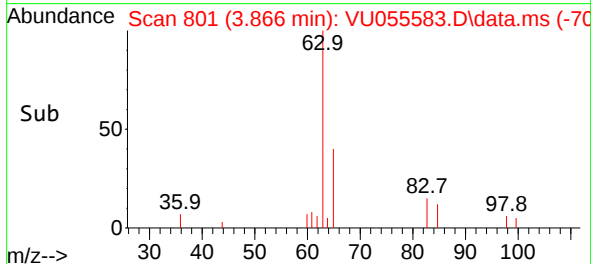
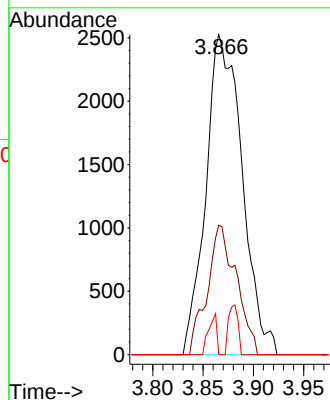
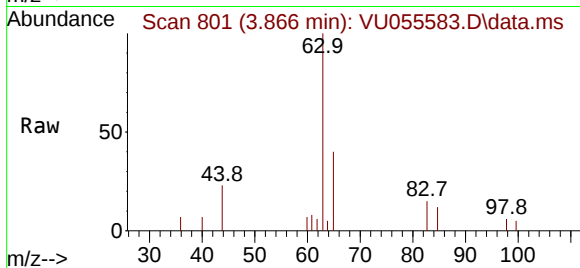
Tgt Ion: 63 Resp: 6323

Ion Ratio Lower Upper

63 100

65 38.6 22.0 41.0

83 0.0 10.1 18.9#



#22

cis-1,2-Dichloroethene

Concen: 28.394 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VU055583.D

Acq: 28 Sep 2023 17:13

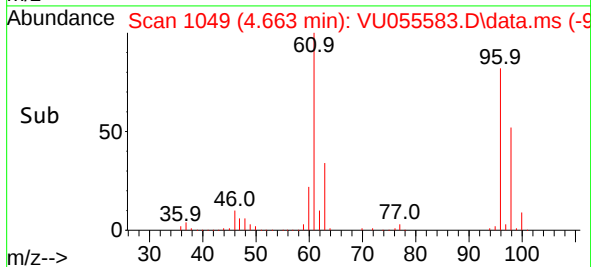
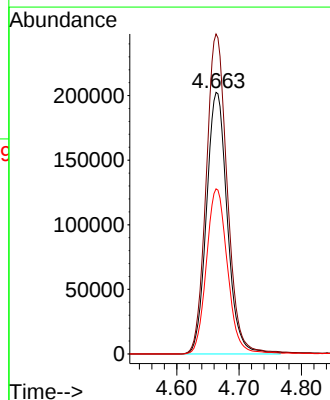
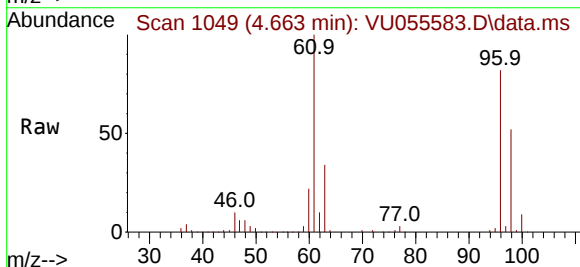
Tgt Ion: 96 Resp: 469674

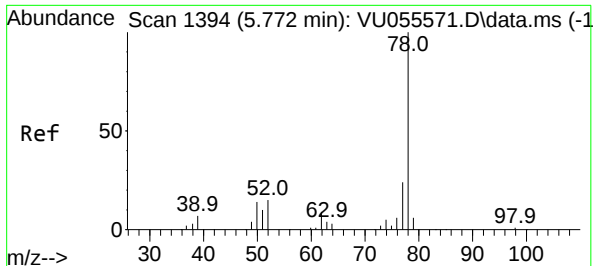
Ion Ratio Lower Upper

96 100

61 122.4 87.8 163.2

98 63.2 44.4 82.4

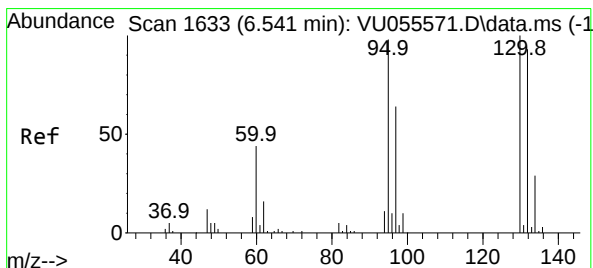
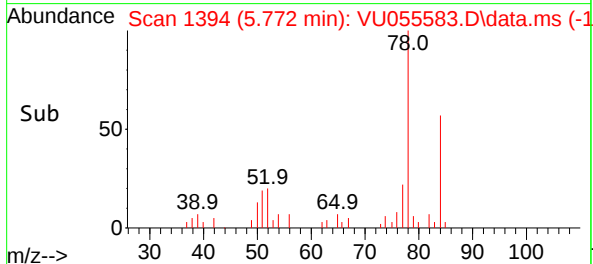
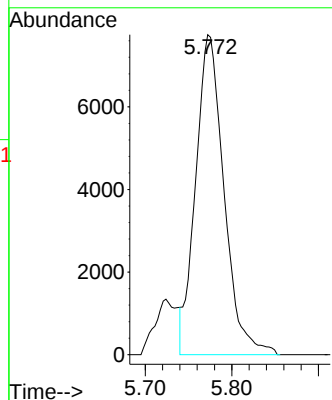
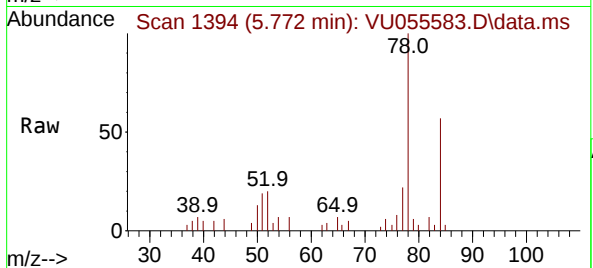




#33
Benzene
Concen: 0.293 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VU055583.D
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Instrument :
MSVOA_U
ClientSampleId :
EYHZ1

Tgt Ion: 78 Resp: 17609



#34
Trichloroethene
Concen: 0.460 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055583.D
Acq: 28 Sep 2023 17:13

Tgt Ion: 95 Resp: 7808

Ion	Ratio	Lower	Upper
95	100		
97	57.3	45.4	84.2
132	88.1	65.2	121.2
130	87.8	69.1	128.3

