

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092823\
 Data File : VU055591.D
 Acq On : 28 Sep 2023 20:27
 Operator : MD/SY
 Sample : 04530-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYJ01

Quant Time: Sep 29 02:16:27 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)

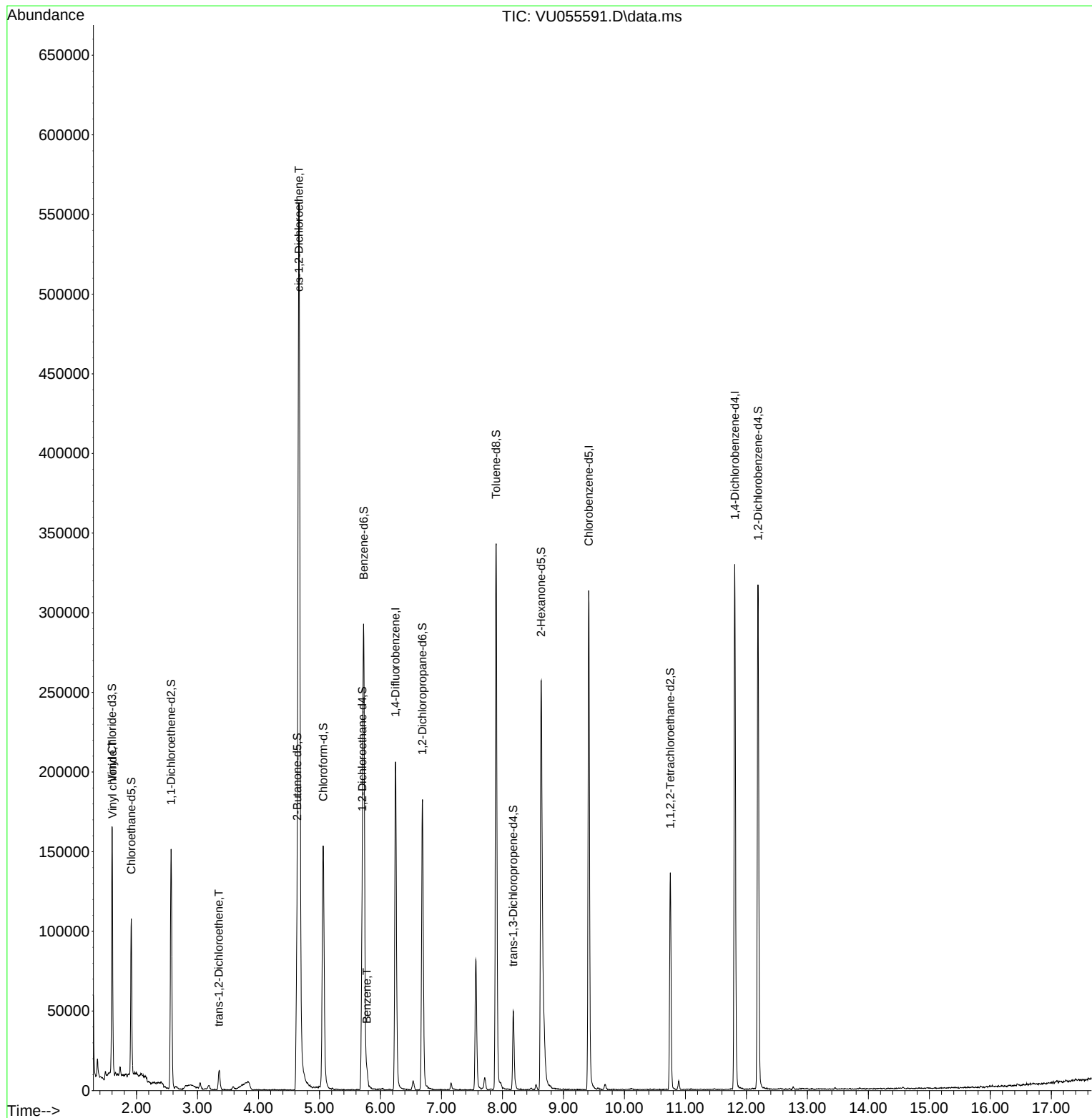
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	174571	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	181038	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	91007	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	72910	4.132	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.914	69	68604	4.412	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.567	65	29267	4.030	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	4.634	46	150409	47.196	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.400%
24) Chloroform-d	5.062	84	148873	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.702	65	72748	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.724	84	283619	4.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.689	67	89979	4.756	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.898	98	239862	4.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.177	79	30280	4.560	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.634	63	87545	43.348	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.700%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	69432	4.897	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	85095	4.633	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
5) Vinyl chloride	1.605	62	42261	2.620	ug/L	96
18) trans-1,2-Dichloroethene	3.351	96	5356	0.435	ug/L	85
22) cis-1,2-Dichloroethene	4.663	96	284216	19.927	ug/L	99
33) Benzene	5.779	78	7613	0.146	ug/L	100

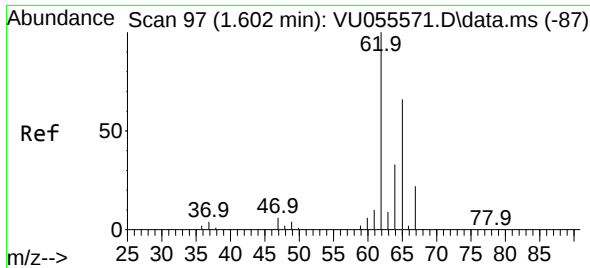
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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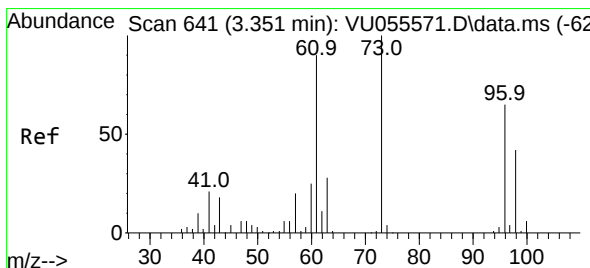
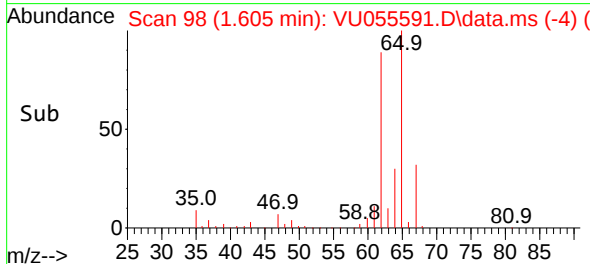
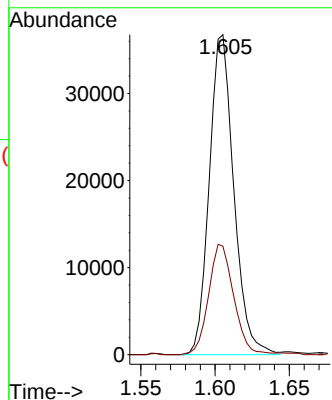
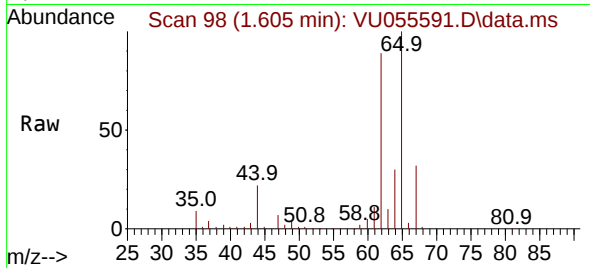




#5
 Vinyl chloride
 Concen: 2.620 ug/L
 RT: 1.605 min Scan# 97
 Delta R.T. 0.003 min
 Lab File: VU055591.D
 Acq: 28 Sep 2023 20:27

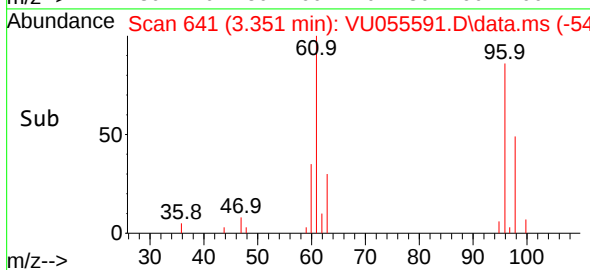
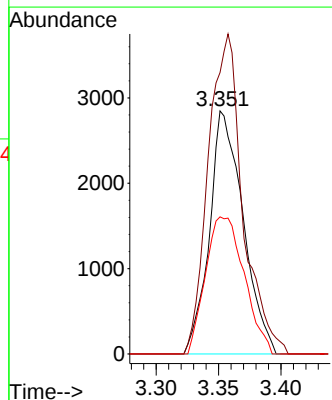
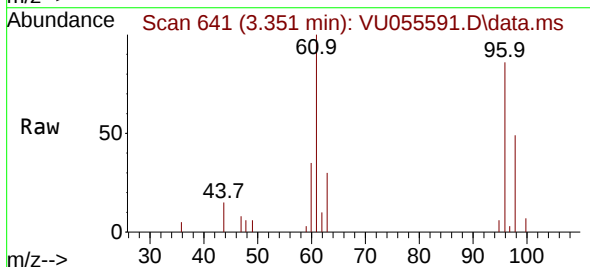
Instrument :
 MSVOA_U
 ClientSampleId :
 EYJ01

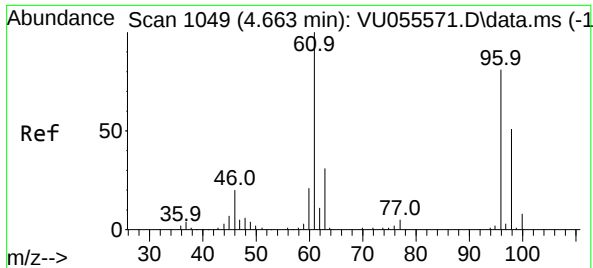
Tgt Ion: 62 Resp: 42261
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.3 41.5



#18
 trans-1,2-Dichloroethene
 Concen: 0.435 ug/L
 RT: 3.351 min Scan# 641
 Delta R.T. -0.000 min
 Lab File: VU055591.D
 Acq: 28 Sep 2023 20:27

Tgt Ion: 96 Resp: 5356
 Ion Ratio Lower Upper
 96 100
 61 115.8 94.6 175.6
 98 56.4 45.7 84.9

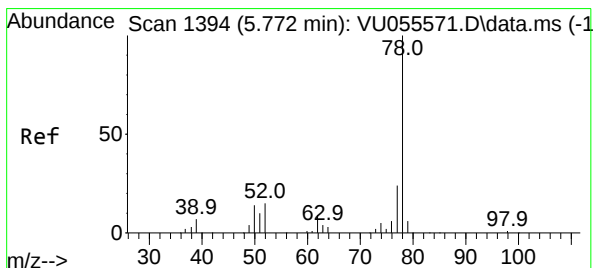
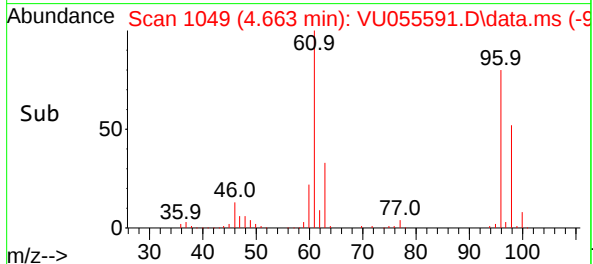
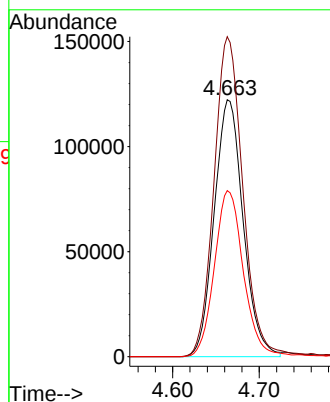
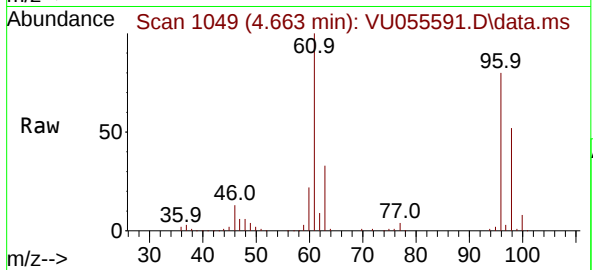




#22
 cis-1,2-Dichloroethene
 Concen: 19.927 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055591.D
 Acq: 28 Sep 2023 20:27

Instrument :
 MSVOA_U
 ClientSampleId :
 EYJ01

Tgt Ion: 96 Resp: 284216
 Ion Ratio Lower Upper
 96 100
 61 124.5 87.8 163.2
 98 64.6 44.4 82.4



#33
 Benzene
 Concen: 0.146 ug/L
 RT: 5.779 min Scan# 1396
 Delta R.T. 0.006 min
 Lab File: VU055591.D
 Acq: 28 Sep 2023 20:27

Tgt Ion: 78 Resp: 7613

