

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
 Data File : VU055286.D
 Acq On : 13 Sep 2023 15:52
 Operator : MD/SY
 Sample : 04350-07DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4M8DL

Quant Time: Sep 14 05:05:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 14 05:00:29 2023
 Response via : Initial Calibration

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

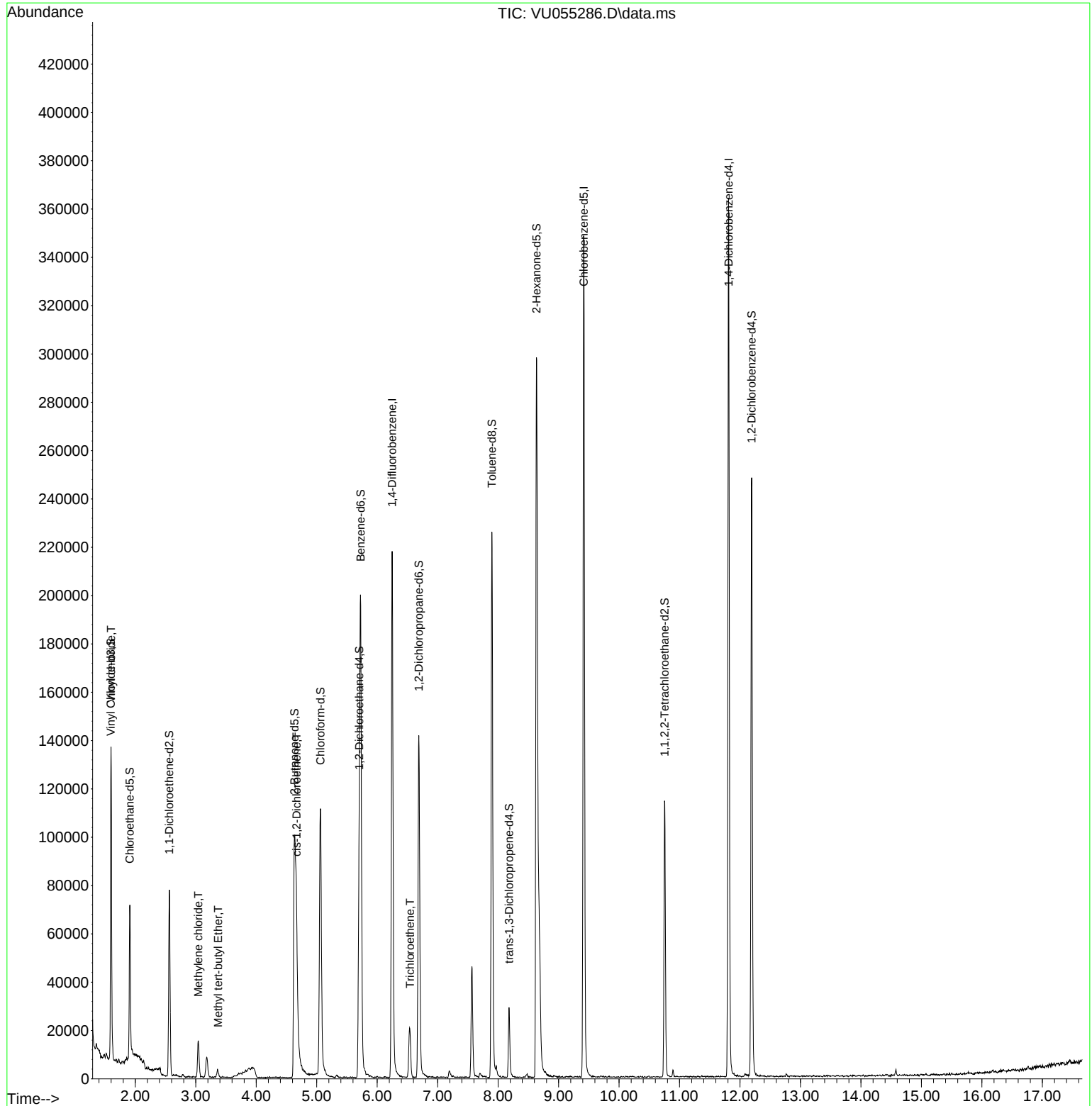
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	175824	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	196455	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	93372	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26016	3.157	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.907	69	44711	4.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.560	65	14600	3.109	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.200%
20) 2-Butanone-d5	4.631	46	170579	71.332	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	142.660%#
24) Chloroform-d	5.062	84	103737	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.701	65	57327	5.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.727	84	185328	3.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	6.688	67	67501	4.376	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.897	98	159056	3.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	8.180	79	16113	3.794	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.634	63	95954	55.645	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.280%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	56164	5.178	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	63816	4.682	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	69159	6.303	ug/L	95
16) Methylene chloride	3.039	84	7312	0.589	ug/L	92
17) Methyl tert-butyl Ether	3.367	73	2750	0.129	ug/L #	85
22) cis-1,2-Dichloroethene	4.666	96	17611	1.744	ug/L	84
34) Trichloroethene	6.544	95	4079	0.351	ug/L	92

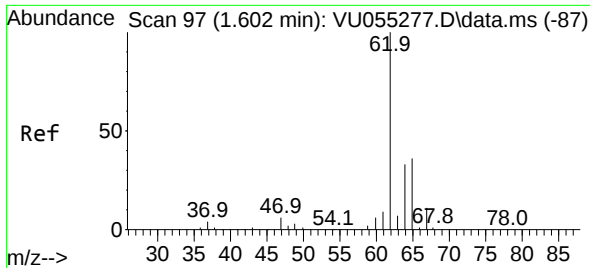
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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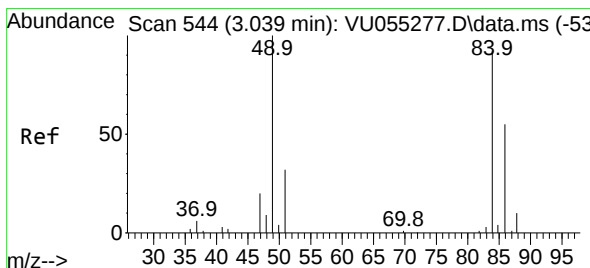
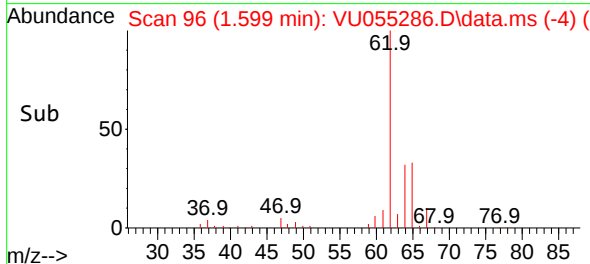
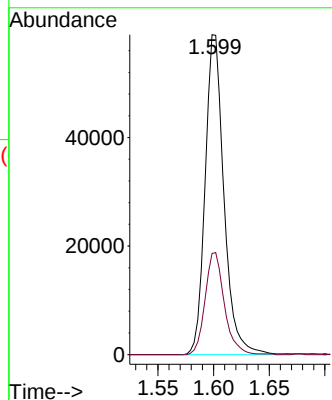
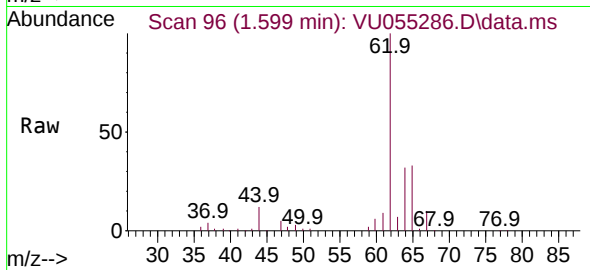




#5
 Vinyl chloride
 Concen: 6.303 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU055286.D
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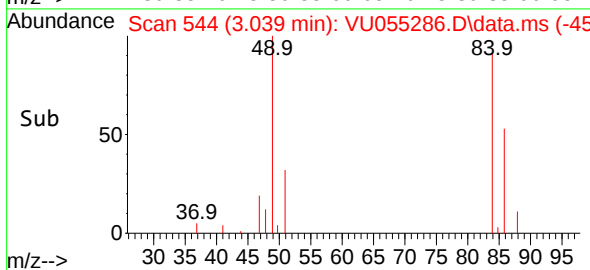
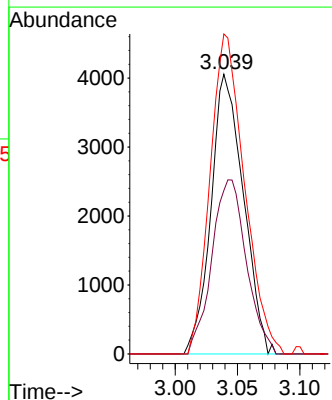
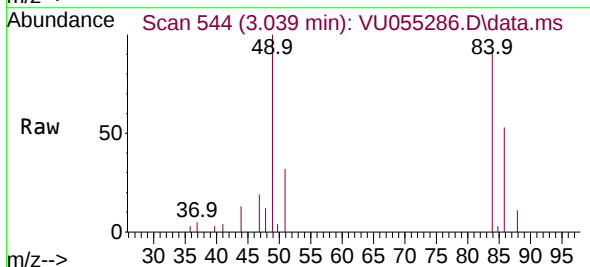
Instrument :
 MSVOA_U
 ClientSampleId :
 BH4M8DL

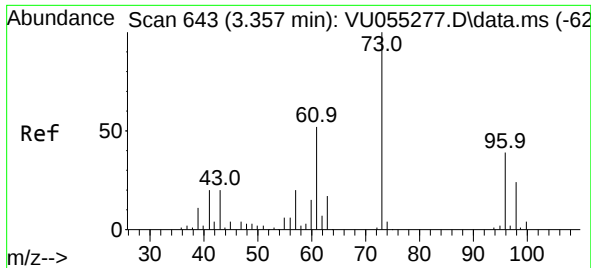
Tgt Ion: 62 Resp: 69159
 Ion Ratio Lower Upper
 62 100
 64 31.6 24.2 45.0



#16
 Methylene chloride
 Concen: 0.589 ug/L
 RT: 3.039 min Scan# 544
 Delta R.T. -0.000 min
 Lab File: VU055286.D
 Acq: 13 Sep 2023 15:52

Tgt Ion: 84 Resp: 7312
 Ion Ratio Lower Upper
 84 100
 86 58.4 43.4 80.6
 49 114.4 87.7 162.9

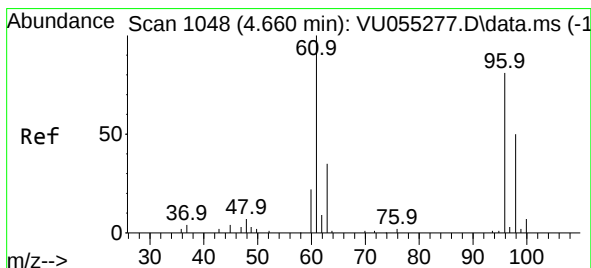
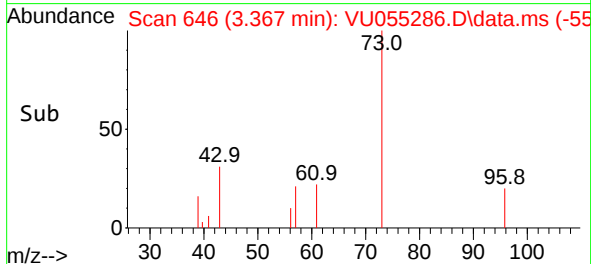
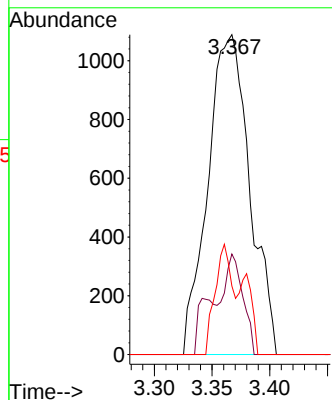
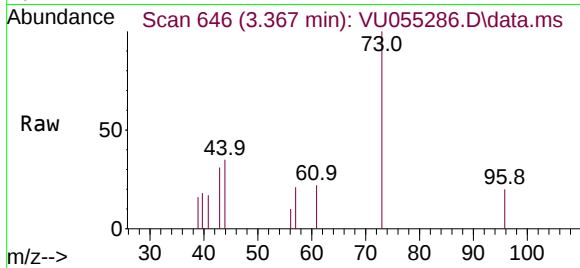




#17
Methyl tert-butyl Ether
Concen: 0.129 ug/L
RT: 3.367 min Scan# 643
Delta R.T. 0.010 min
Lab File: VU055286.D
Acq: 13 Sep 2023 15:52

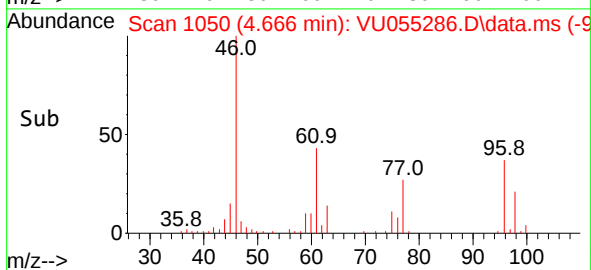
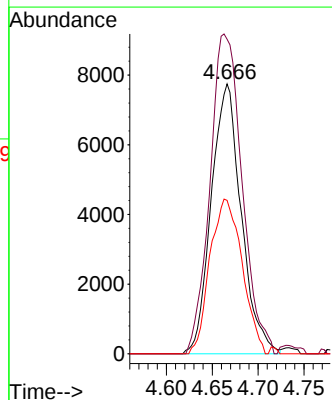
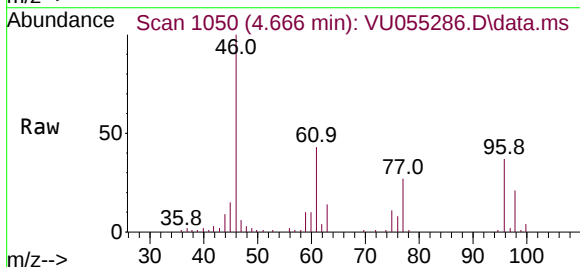
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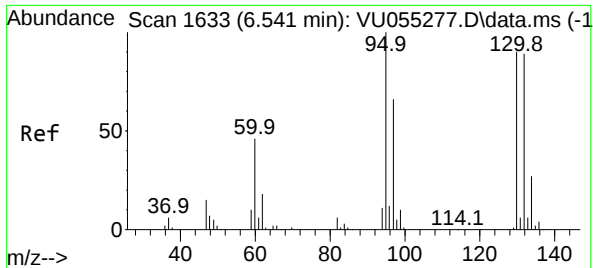
Tgt Ion: 73 Resp: 2750
Ion Ratio Lower Upper
73 100
43 14.3 16.2 24.2#
57 14.1 17.4 26.2#



#22
cis-1,2-Dichloroethene
Concen: 1.744 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU055286.D
Acq: 13 Sep 2023 15:52

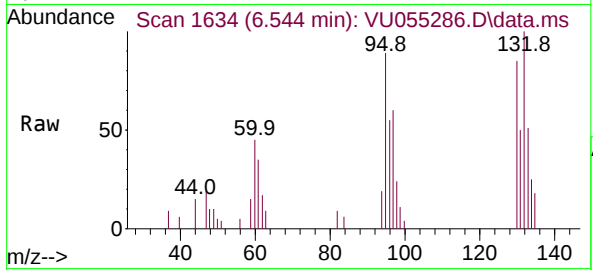
Tgt Ion: 96 Resp: 17611
Ion Ratio Lower Upper
96 100
61 116.6 97.2 180.4
98 56.9 46.1 85.7





#34
 Trichloroethene
 Concen: 0.351 ug/L
 RT: 6.544 min Scan# 10
 Delta R.T. 0.003 min
 Lab File: VU055286.D
 Acq: 13 Sep 2023 15:52

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4M8DL



Tgt Ion: 95	Resp: 4079
Ion Ratio	Lower Upper
95 100	
97 67.1	44.7 83.1
132 112.6	66.6 123.6
130 95.9	66.5 123.5

