

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045094.D
 Acq On : 04 Oct 2021 14:25
 Operator : SY/MD
 Sample : M3996-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A13

Quant Time: Oct 05 02:44:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

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

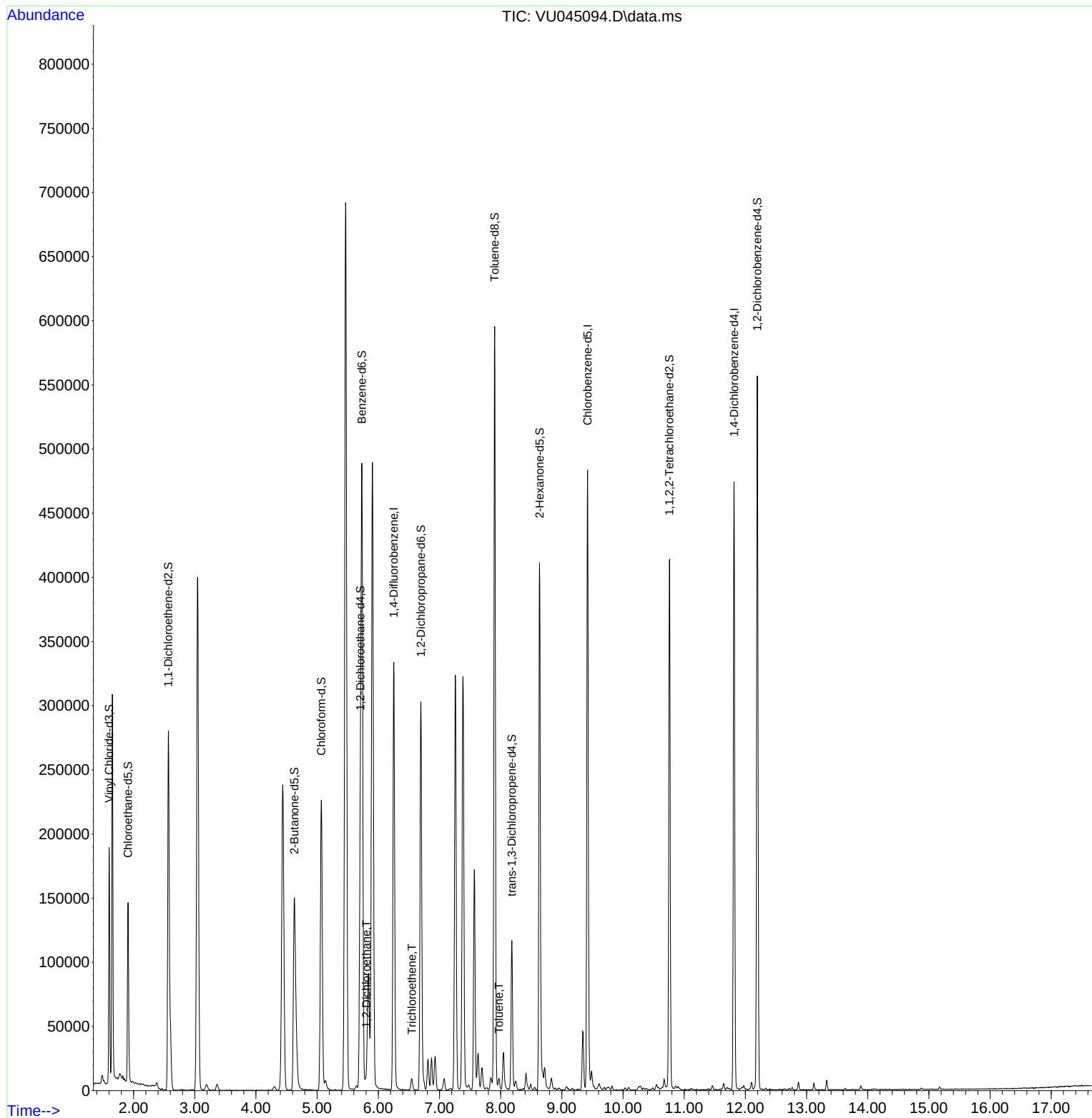
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	259125	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	249261	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	112142	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	125744	44.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.66%
7) Chloroethane-d5	1.909	69	103942	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.48%
11) 1,1-Dichloroethene-d2	2.568	63	164866	34.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.22%
21) 2-Butanone-d5	4.626	46	205109	91.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.46%
24) Chloroform-d	5.070	84	205306	45.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.66%
26) 1,2-Dichloroethane-d4	5.706	65	145941	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.18%
32) Benzene-d6	5.732	84	433215	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.18%
36) 1,2-Dichloropropane-d6	6.697	67	136586	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.86%
41) Toluene-d8	7.902	98	375084	50.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.50%
43) trans-1,3-Dichloroprop...	8.182	79	61975	49.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.80%
47) 2-Hexanone-d5	8.636	63	144079	92.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.19%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	202917	46.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.42%
66) 1,2-Dichlorobenzene-d4	12.195	152	134683	55.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.38%
Target Compounds						
					Qvalue	
27) 1,2-Dichloroethane	5.803	62	5031	1.38	ug/L #	95
34) Trichloroethene	6.549	95	2397	1.08	ug/L	91
42) Toluene	7.973	91	6033	0.64	ug/L	93

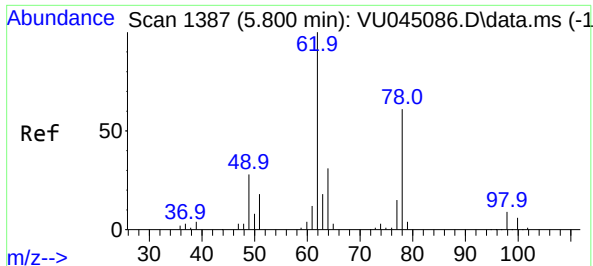
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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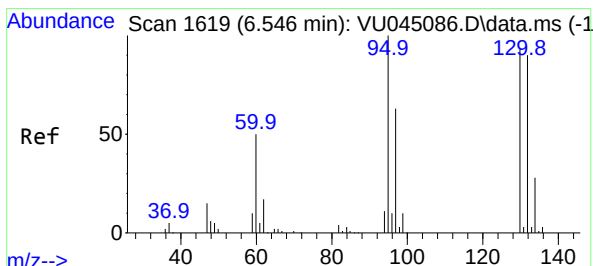
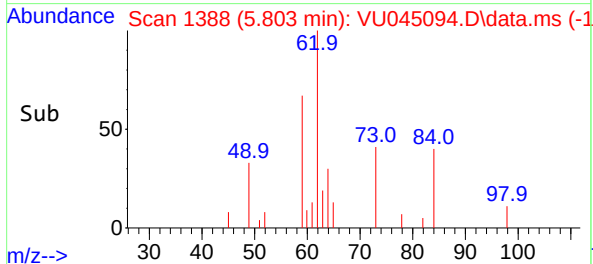
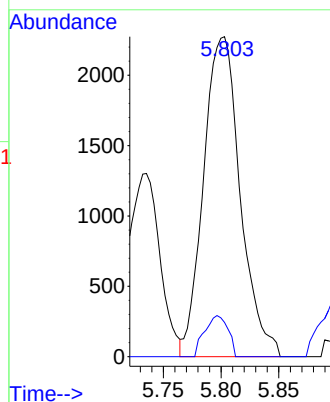
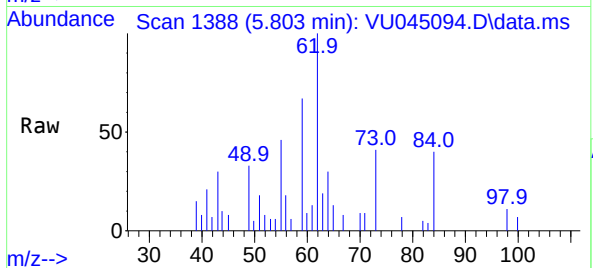




#27
1,2-Dichloroethane
Concen: 1.38 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.003 min
Lab File: VU045094.D
Acq: 04 Oct 2021 14:25

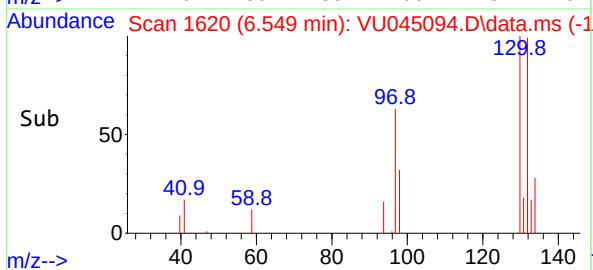
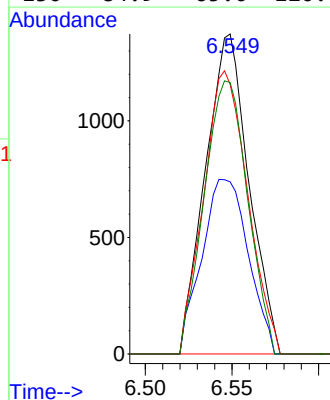
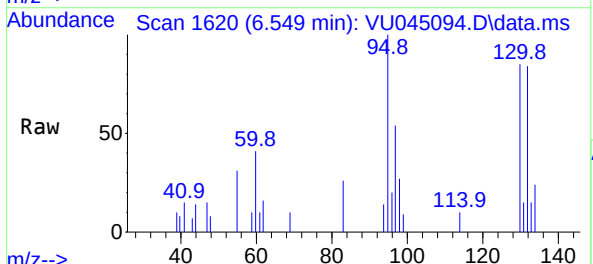
Instrument :
MSVOA_U
ClientSampled :
F4A13

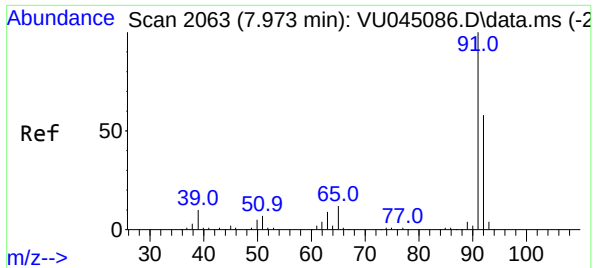
Tgt Ion: 62 Resp: 5031
Ion Ratio Lower Upper
62 100
98 10.7 7.1 10.7#



#34
Trichloroethene
Concen: 1.08 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU045094.D
Acq: 04 Oct 2021 14:25

Tgt Ion: 95 Resp: 2397
Ion Ratio Lower Upper
95 100
97 53.8 44.4 82.4
132 84.3 62.9 116.9
130 84.9 65.0 120.8





#42
Toluene
Concen: 0.64 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045094.D
Acq: 04 Oct 2021 14:25

Instrument :
MSVOA_U
ClientSampleId :
F4A13

Tgt Ion: 91 Resp: 6033
Ion Ratio Lower Upper
91 100
92 62.6 40.5 75.1

