

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU045178.D
 Acq On : 06 Oct 2021 12:15
 Operator : SY/MD
 Sample : M4024-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL9

Quant Time: Oct 07 03:01:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 03:00:32 2021
 Response via : Initial Calibration

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

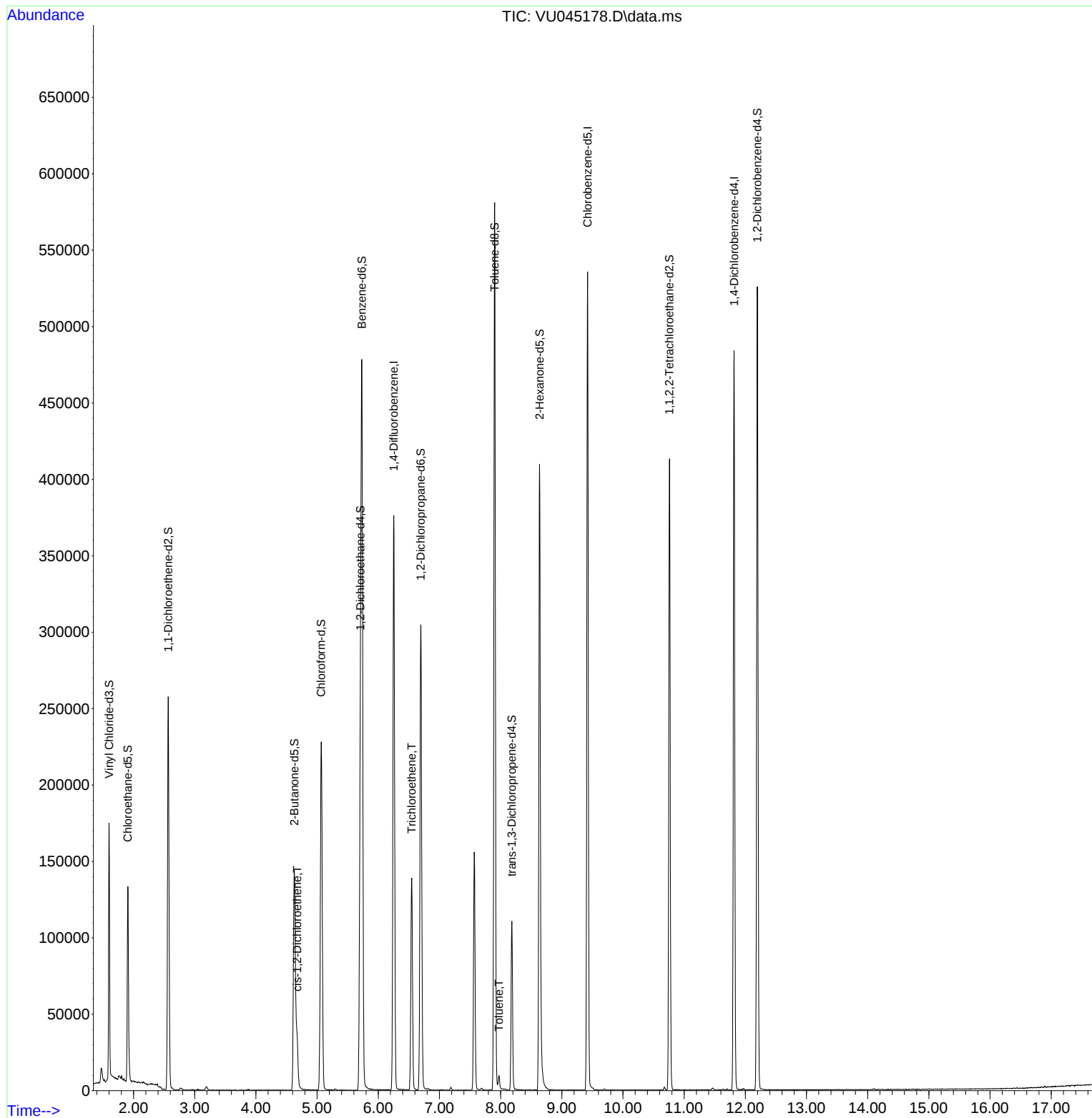
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	287406	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	279212	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	119811	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	111286	35.371	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	70.740%	
7) Chloroethane-d5	1.906	69	99223	39.798	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	79.600%	
11) 1,1-Dichloroethene-d2	2.565	63	154935	29.324	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	58.640%#	
21) 2-Butanone-d5	4.626	46	208860	83.969	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	83.970%	
24) Chloroform-d	5.067	84	207681	41.794	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.580%	
26) 1,2-Dichloroethane-d4	5.707	65	148485	44.114	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.220%	
32) Benzene-d6	5.732	84	424981	43.864	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.720%	
36) 1,2-Dichloropropane-d6	6.694	67	139175	44.055	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	88.100%	
41) Toluene-d8	7.903	98	371410	44.421	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	88.840%	
43) trans-1,3-Dichloroprop...	8.183	79	58314	41.497	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	83.000%	
47) 2-Hexanone-d5	8.636	63	140304	80.142	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	80.140%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	204913	41.655	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	83.300%	
66) 1,2-Dichlorobenzene-d4	12.195	152	127986	49.085	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.180%	
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.675	96	14145	5.475	ug/L	93
34) Trichloroethene	6.546	95	46283	18.607	ug/L	99
42) Toluene	7.970	91	5718	0.543	ug/L	85

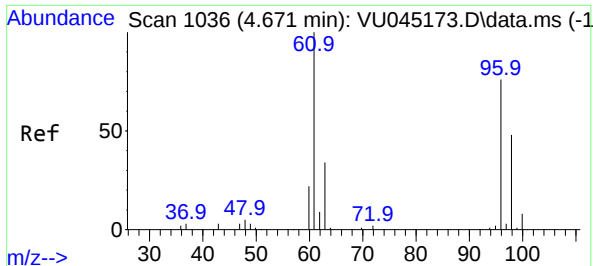
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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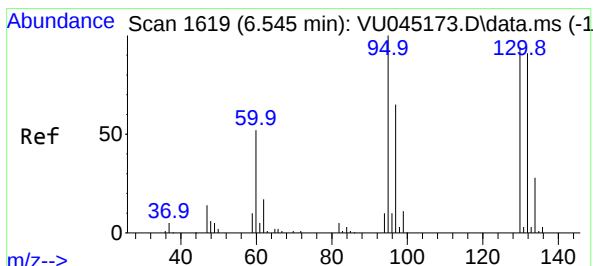
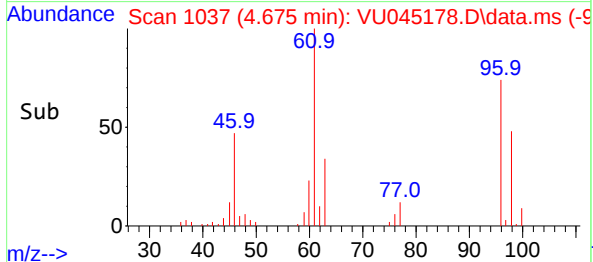
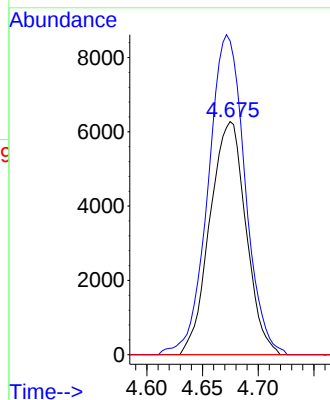
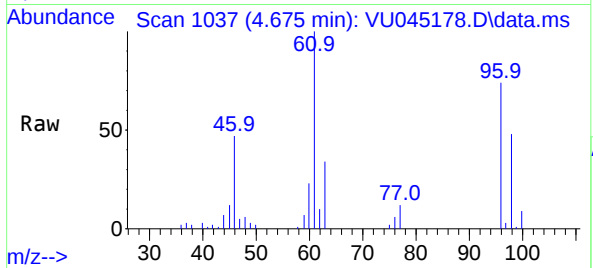




#20
cis-1,2-Dichloroethene
Concen: 5.475 ug/L
RT: 4.675 min Scan# 1037
Delta R.T. 0.004 min
Lab File: VU045178.D
Acq: 06 Oct 2021 12:15

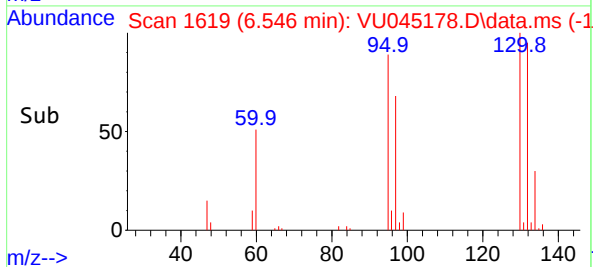
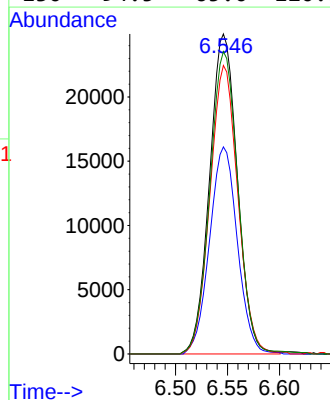
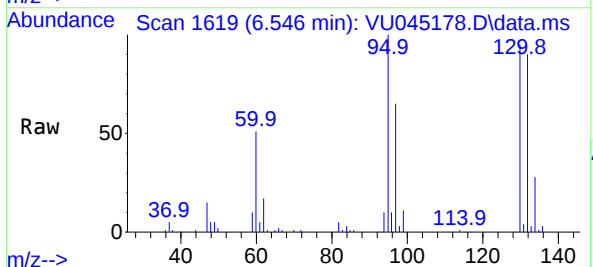
Instrument :
MSVOA_U
ClientSampled :
C0AL9

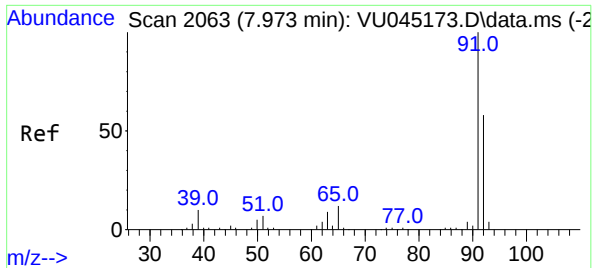
Tgt Ion: 96 Resp: 14145
Ion Ratio Lower Upper
96 100
61 134.6 100.2 186.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 18.607 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045178.D
Acq: 06 Oct 2021 12:15

Tgt Ion: 95 Resp: 46283
Ion Ratio Lower Upper
95 100
97 64.7 44.4 82.4
132 90.1 62.9 116.9
130 94.5 65.0 120.8





#42
Toluene
Concen: 0.543 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU045178.D
Acq: 06 Oct 2021 12:15

Instrument :
MSVOA_U
ClientSampleId :
C0AL9

Tgt Ion: 91 Resp: 5718
Ion Ratio Lower Upper
91 100
92 69.2 40.5 75.1

