

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU045187.D
 Acq On : 06 Oct 2021 15:51
 Operator : SY/MD
 Sample : M4024-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AM9

Quant Time: Oct 07 03:02:48 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)

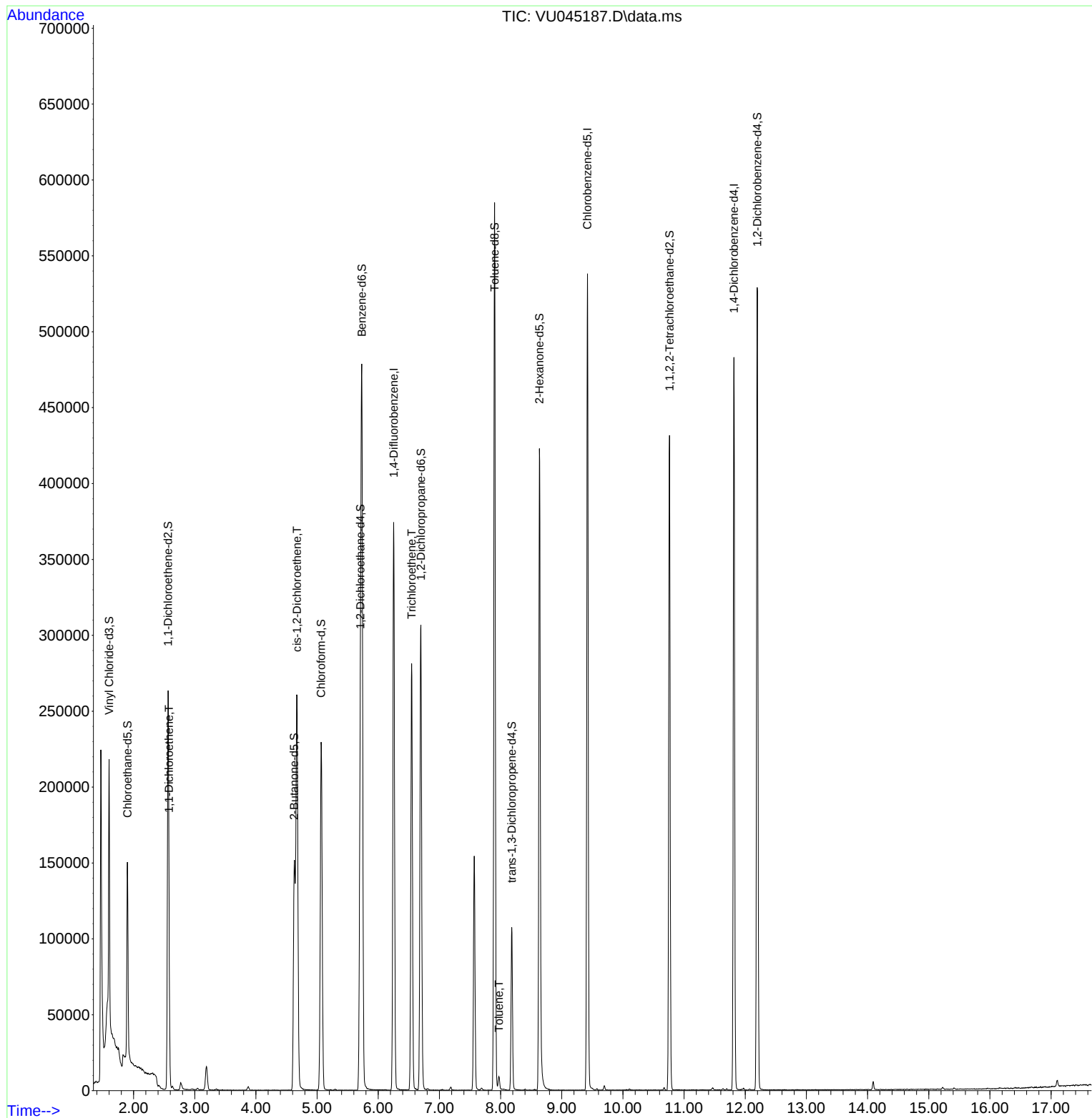
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	286496	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	275850	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	119097	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	107783	34.366	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.740%
7) Chloroethane-d5	1.899	69	98659	39.697	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.565	63	156271	29.670	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.340%#
21) 2-Butanone-d5	4.626	46	210485	84.891	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.890%
24) Chloroform-d	5.067	84	205341	41.454	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.900%
26) 1,2-Dichloroethane-d4	5.706	65	146577	43.686	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.380%
32) Benzene-d6	5.732	84	424395	44.338	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.680%
36) 1,2-Dichloropropane-d6	6.697	67	138559	44.395	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.780%
41) Toluene-d8	7.902	98	366425	44.359	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.720%
43) trans-1,3-Dichloroprop...	8.182	79	56425	40.642	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.280%
47) 2-Hexanone-d5	8.636	63	146368	84.625	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.620%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	210707	43.355	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.700%
66) 1,2-Dichlorobenzene-d4	12.198	152	127460	49.177	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.360%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	12751	5.747	ug/L #	1
20) cis-1,2-Dichloroethene	4.671	96	126606	49.161	ug/L	94
34) Trichloroethene	6.546	95	95234	38.754	ug/L	99
42) Toluene	7.973	91	6002	0.577	ug/L	96

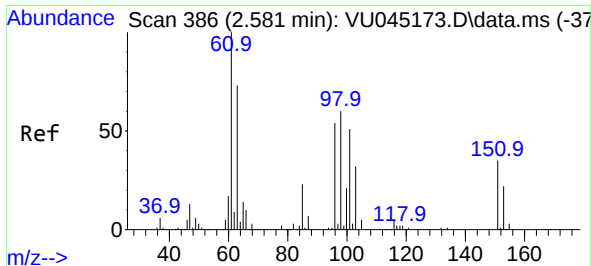
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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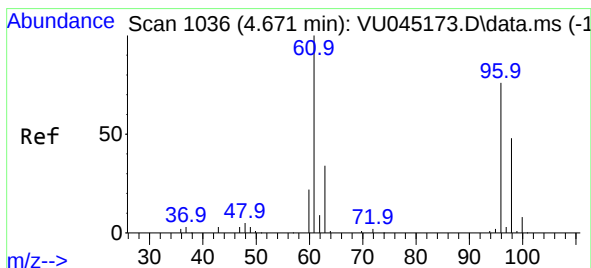
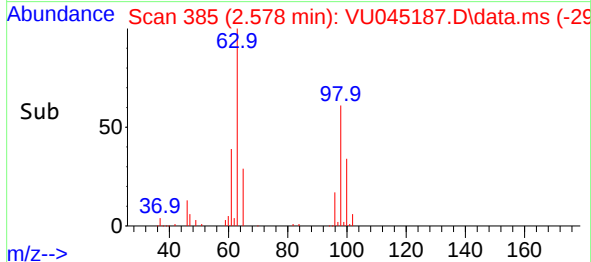
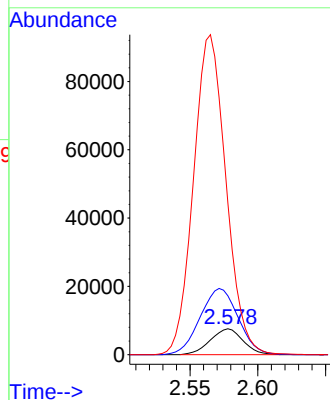
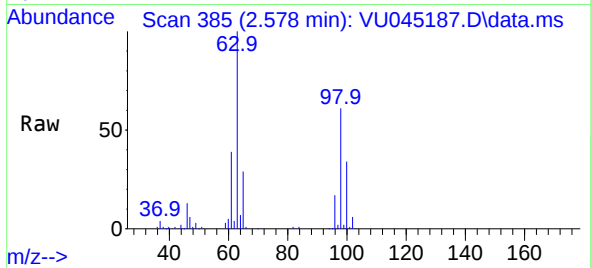




#12
1,1-Dichloroethene
Concen: 5.747 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU045187.D
Acq: 06 Oct 2021 15:51

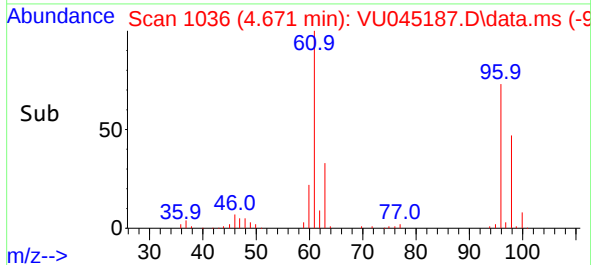
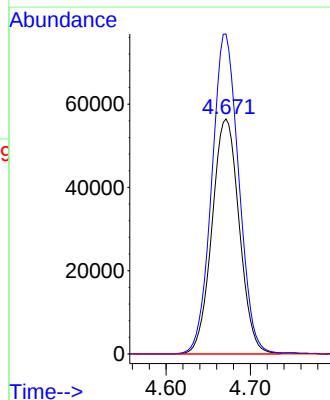
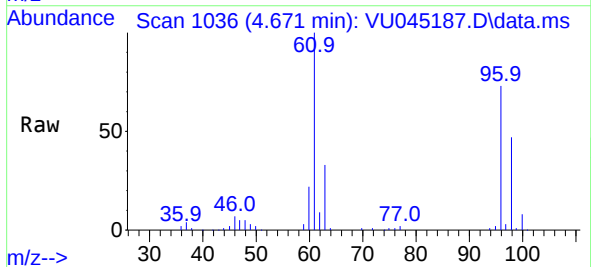
Instrument :
MSVOA_U
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C0AM9

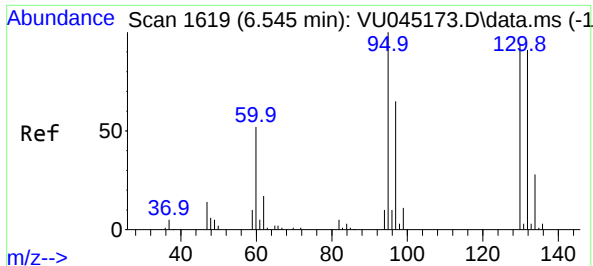
Tgt Ion: 96 Resp: 12751
Ion Ratio Lower Upper
96 100
61 226.4 131.3 243.9
63 583.3 102.5 190.3#



#20
cis-1,2-Dichloroethene
Concen: 49.161 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045187.D
Acq: 06 Oct 2021 15:51

Tgt Ion: 96 Resp: 126606
Ion Ratio Lower Upper
96 100
61 136.1 100.2 186.0
68 0.0 0.0 0.0

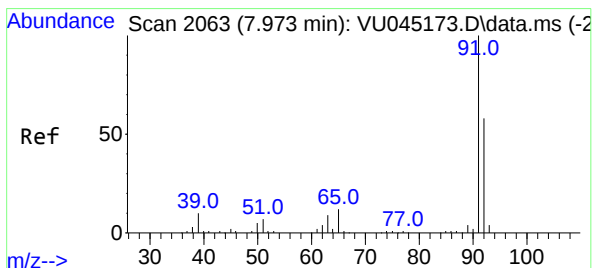
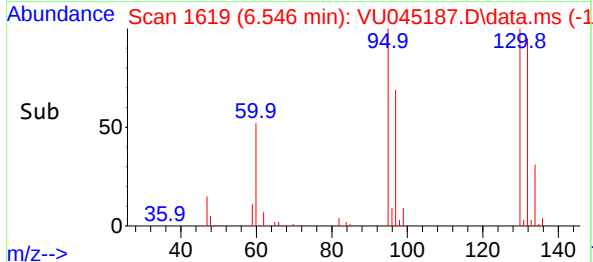
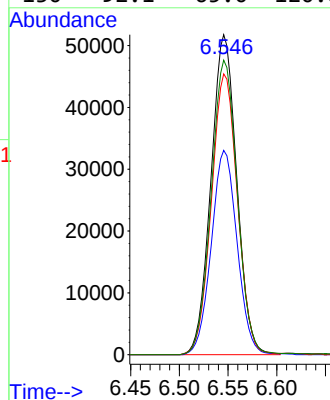
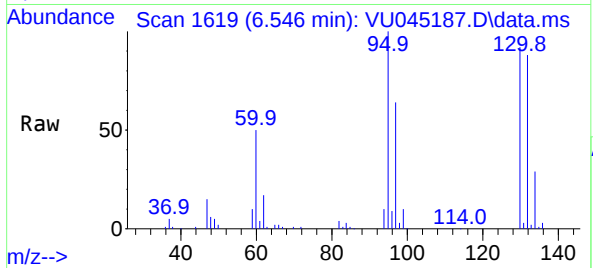




#34
Trichloroethene
Concen: 38.754 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045187.D
Acq: 06 Oct 2021 15:51

Instrument :
MSVOA_U
ClientSampleId :
C0AM9

Tgt Ion: 95 Resp: 95234
Ion Ratio Lower Upper
95 100
97 63.8 44.4 82.4
132 87.8 62.9 116.9
130 92.1 65.0 120.8



#42
Toluene
Concen: 0.577 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045187.D
Acq: 06 Oct 2021 15:51

Tgt Ion: 91 Resp: 6002
Ion Ratio Lower Upper
91 100
92 54.8 40.5 75.1

