

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU045176.D
 Acq On : 06 Oct 2021 11:28
 Operator : SY/MD
 Sample : M4024-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH0

Quant Time: Oct 07 03:01:20 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)

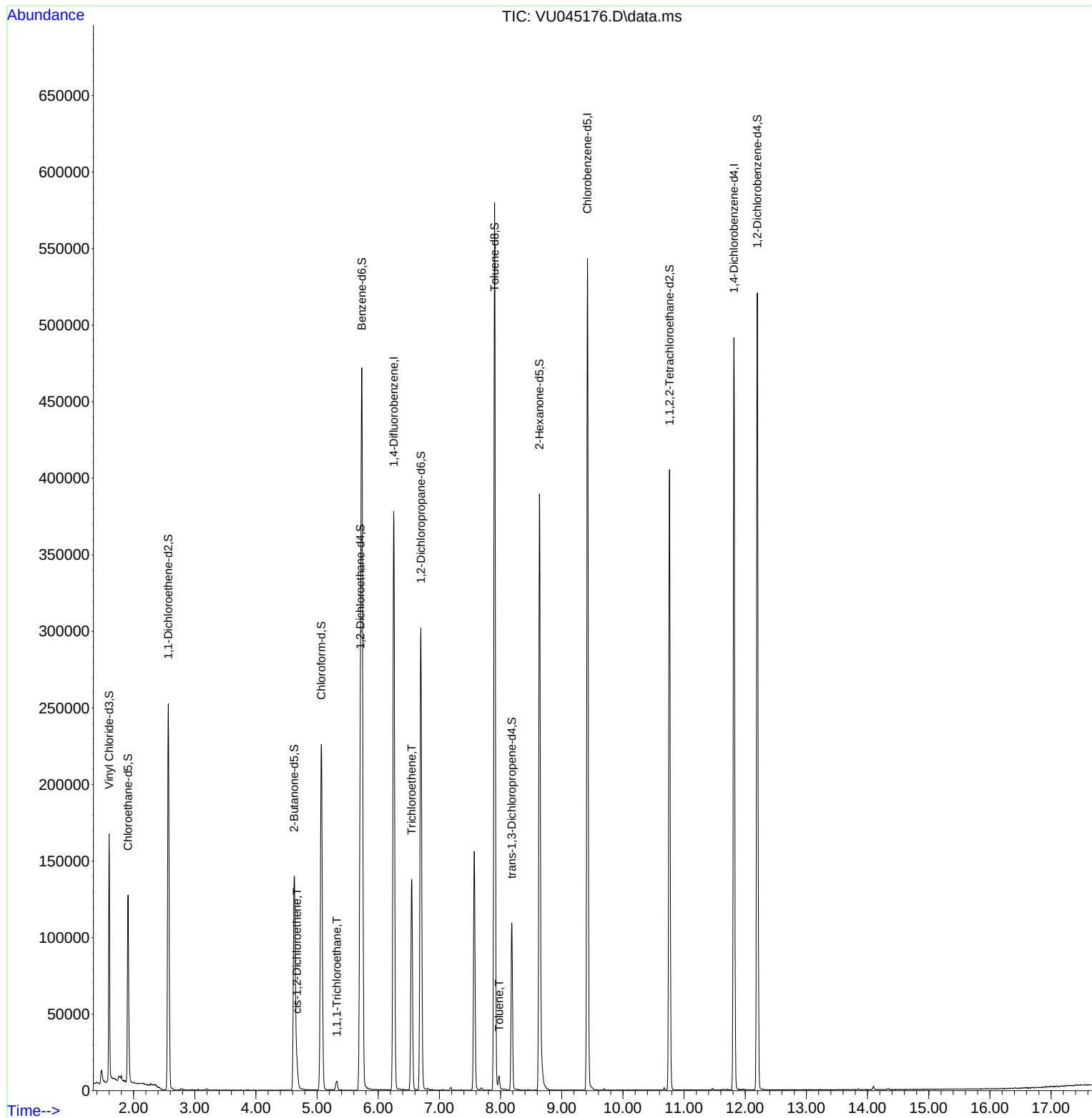
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	295294	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	281477	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	122959	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	106158	32.840	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.680%
7) Chloroethane-d5	1.909	69	96550	37.691	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.380%
11) 1,1-Dichloroethene-d2	2.568	63	151164	27.846	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.700%#
21) 2-Butanone-d5	4.626	46	206804	80.921	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.920%
24) Chloroform-d	5.070	84	204665	40.087	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.180%
26) 1,2-Dichloroethane-d4	5.706	65	146664	42.409	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.820%
32) Benzene-d6	5.732	84	420135	43.015	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.040%
36) 1,2-Dichloropropane-d6	6.697	67	135236	42.464	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.920%
41) Toluene-d8	7.902	98	365684	43.385	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.760%
43) trans-1,3-Dichloroprop...	8.182	79	58020	40.955	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.920%
47) 2-Hexanone-d5	8.635	63	138436	78.439	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.440%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	199285	40.185	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.360%
66) 1,2-Dichlorobenzene-d4	12.198	152	127494	47.645	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.280%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.671	96	5670	2.136	ug/L	88
30) 1,1,1-Trichloroethane	5.321	97	4698	1.206	ug/L	95
34) Trichloroethene	6.546	95	45192	18.022	ug/L	96
42) Toluene	7.976	91	5695	0.537	ug/L	99

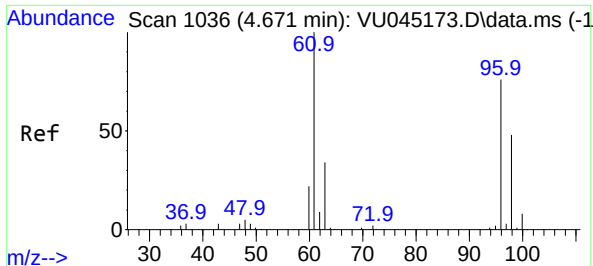
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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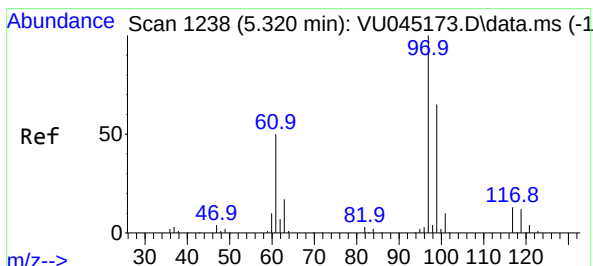
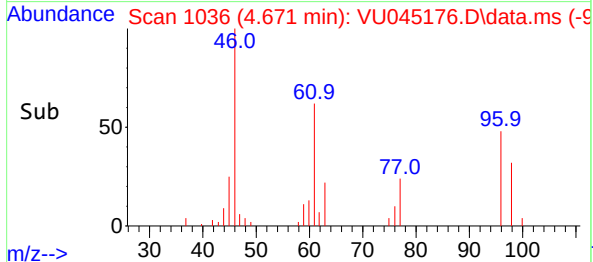
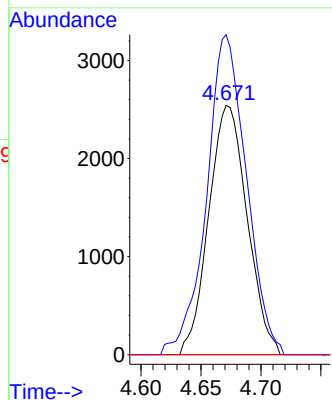
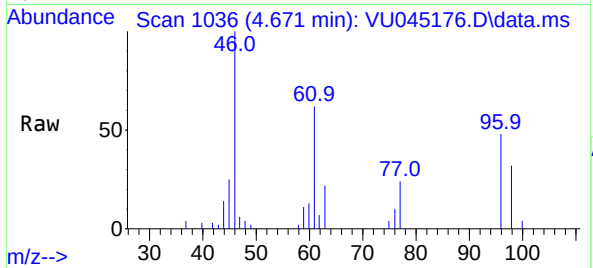




#20
cis-1,2-Dichloroethene
Concen: 2.136 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045176.D
Acq: 06 Oct 2021 11:28

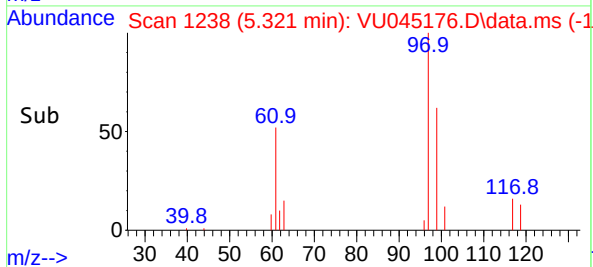
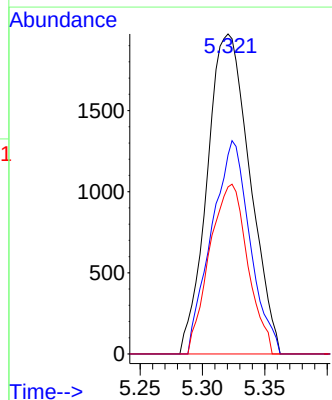
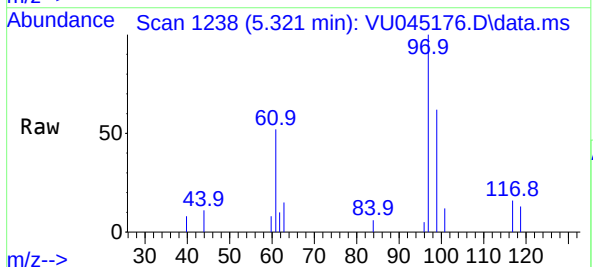
Instrument :
MSVOA_U
ClientSampled :
C0AH0

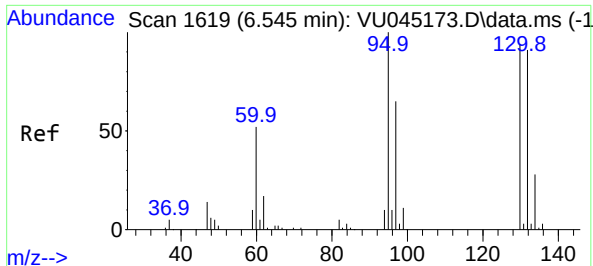
Tgt Ion: 96 Resp: 5670
Ion Ratio Lower Upper
96 100
61 128.4 100.2 186.0
68 0.0 0.0 0.0



#30
1,1,1-Trichloroethane
Concen: 1.206 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045176.D
Acq: 06 Oct 2021 11:28

Tgt Ion: 97 Resp: 4698
Ion Ratio Lower Upper
97 100
99 59.9 50.6 75.8
61 47.3 41.3 61.9





#34

Trichloroethene

Concen: 18.022 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045176.D

Acq: 06 Oct 2021 11:28

Tgt Ion: 95 Resp: 45192

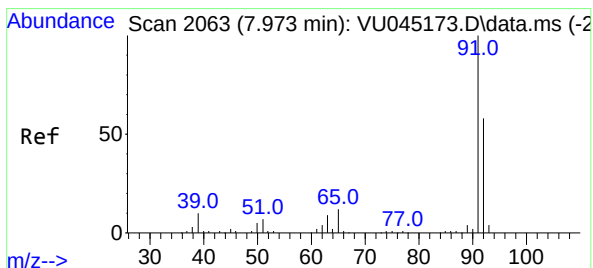
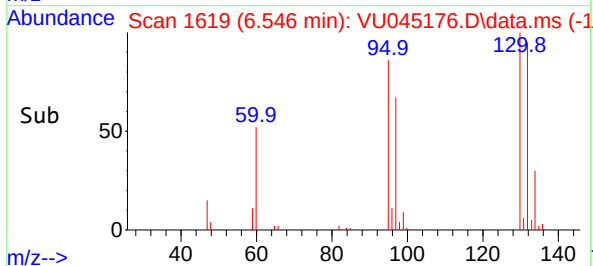
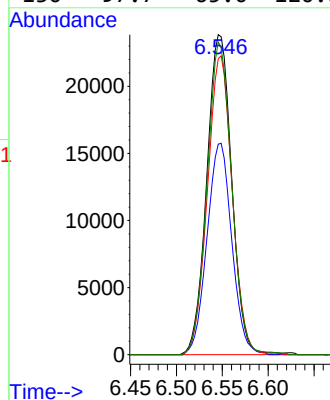
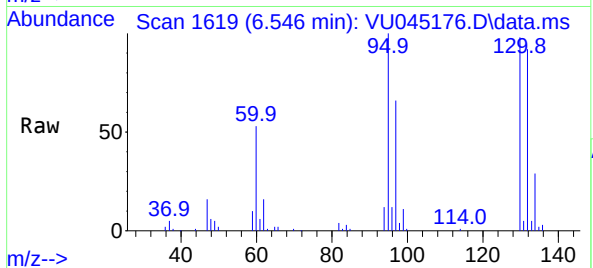
Ion Ratio Lower Upper

95 100

97 65.8 44.4 82.4

132 92.5 62.9 116.9

130 97.7 65.0 120.8



#42

Toluene

Concen: 0.537 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. 0.003 min

Lab File: VU045176.D

Acq: 06 Oct 2021 11:28

Tgt Ion: 91 Resp: 5695

Ion Ratio Lower Upper

91 100

92 58.6 40.5 75.1

