

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045248.D
 Acq On : 08 Oct 2021 13:54
 Operator : SY/MD
 Sample : M4025-15DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN8DL

Quant Time: Oct 09 05:31:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 09 05:29:23 2021
 Response via : Initial Calibration

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

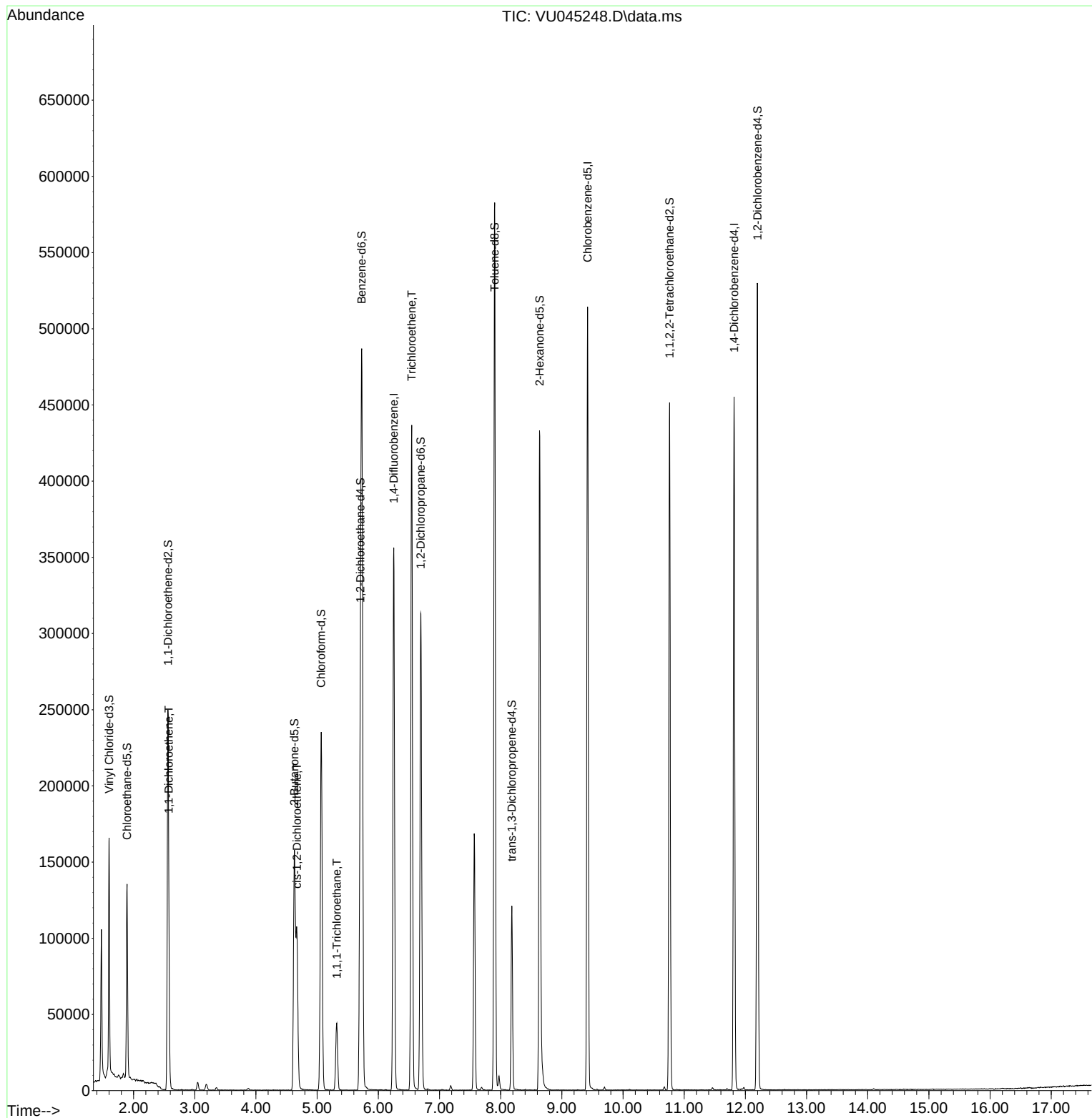
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	273426	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	265342	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	113020	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	100003	33.410	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.820%
7) Chloroethane-d5	1.893	69	96716	40.775	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.560%
11) 1,1-Dichloroethene-d2	2.562	63	149562	29.754	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.500%#
21) 2-Butanone-d5	4.629	46	223286	94.359	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.360%
24) Chloroform-d	5.067	84	210968	44.626	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.260%
26) 1,2-Dichloroethane-d4	5.707	65	150808	47.095	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.200%
32) Benzene-d6	5.729	84	432837	47.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.020%
36) 1,2-Dichloropropane-d6	6.694	67	143367	47.754	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.500%
41) Toluene-d8	7.903	98	372856	46.925	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.860%
43) trans-1,3-Dichloroprop...	8.182	79	63112	47.259	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.520%
47) 2-Hexanone-d5	8.636	63	152115	91.430	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.430%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	226337	48.415	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.820%
66) 1,2-Dichlorobenzene-d4	12.198	152	130343	52.993	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.980%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	10209	4.822	ug/L #	1
20) cis-1,2-Dichloroethene	4.671	96	47689	19.403	ug/L	92
30) 1,1,1-Trichloroethane	5.321	97	30448	8.290	ug/L	97
34) Trichloroethene	6.546	95	149592	63.284	ug/L	99

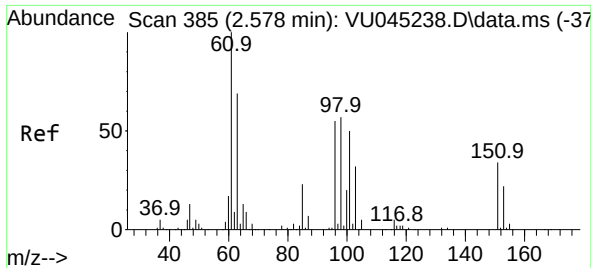
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.822 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU045248.D

Acq: 08 Oct 2021 13:54

Tgt Ion: 96 Resp: 10209

Ion Ratio Lower Upper

96 100

61 263.2 131.3 243.9#

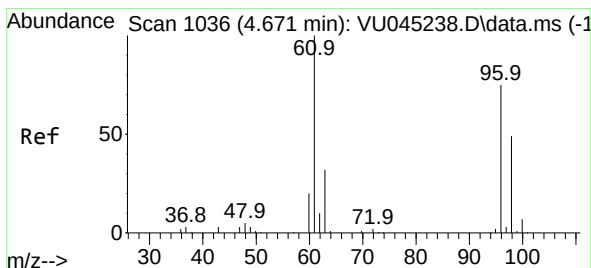
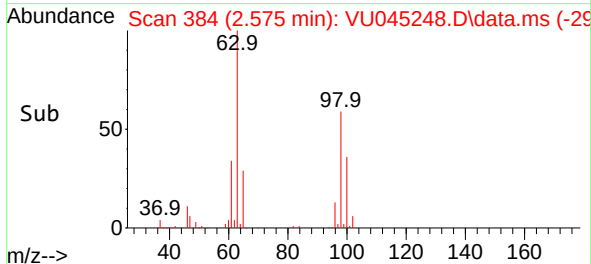
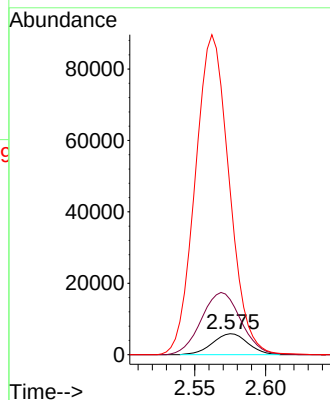
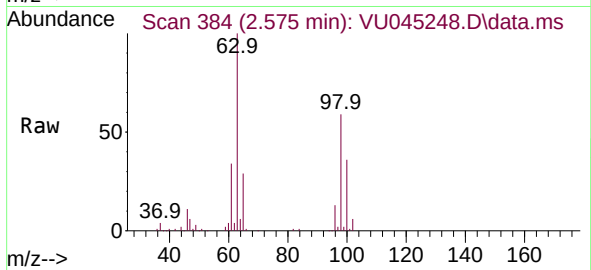
63 784.6 102.5 190.3#

Instrument :

MSVOA_U

ClientSampleId :

C0AN8DL



#20

cis-1,2-Dichloroethene

Concen: 19.403 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045248.D

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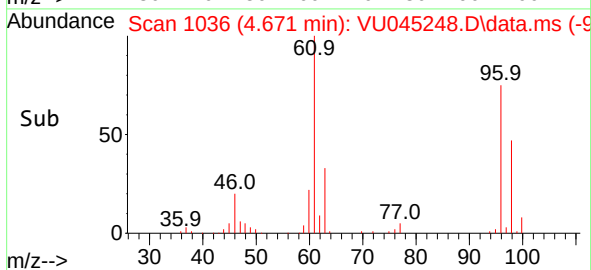
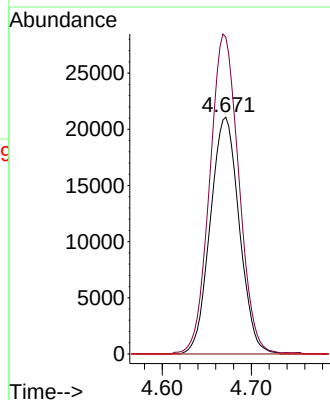
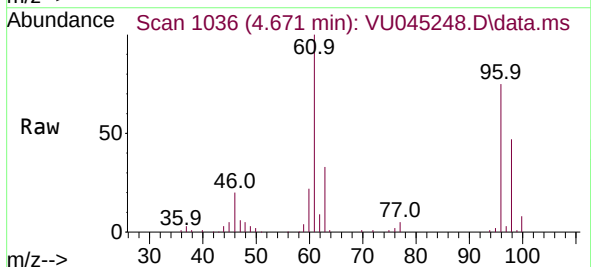
Tgt Ion: 96 Resp: 47689

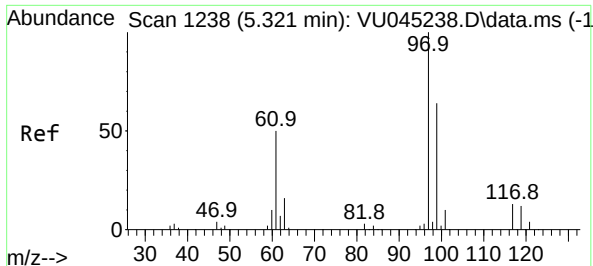
Ion Ratio Lower Upper

96 100

61 133.8 100.2 186.0

68 0.0 0.0 0.0

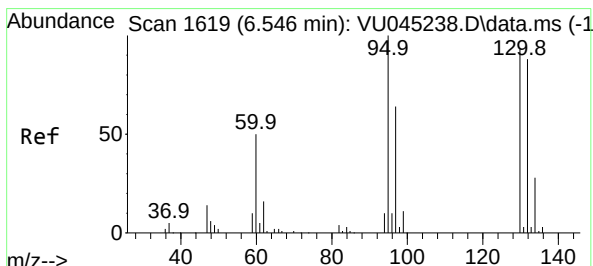
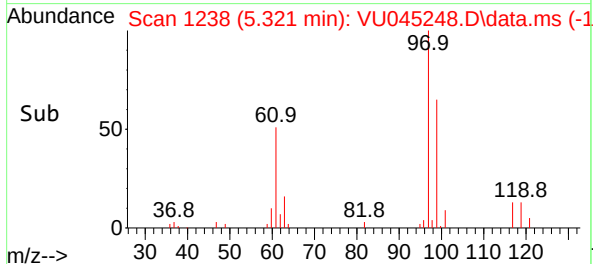
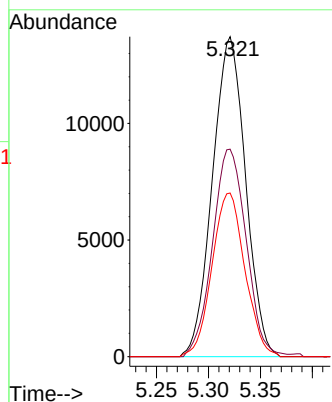
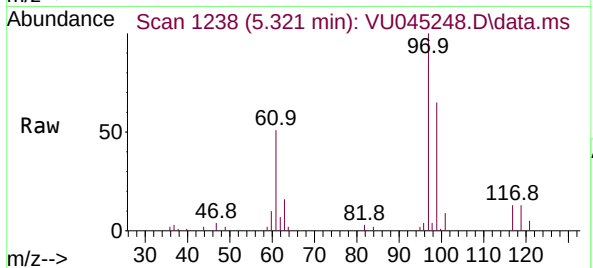




#30
1,1,1-Trichloroethane
Concen: 8.290 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
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MSVOA_U
ClientSampled :
C0AN8DL

Tgt Ion:	97	Resp:	30448
Ion	Ratio	Lower	Upper
97	100		
99	66.0	50.6	75.8
61	50.7	41.3	61.9



#34
Trichloroethene
Concen: 63.284 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045248.D
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Tgt Ion:	95	Resp:	149592
Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.4	82.4
132	89.1	62.9	116.9
130	93.2	65.0	120.8

