

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044781.D
 Acq On : 23 Sep 2021 13:54
 Operator : SY/MD
 Sample : M3873-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW7X2

Quant Time: Sep 24 05:37:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:26:38 2021
 Response via : Initial Calibration

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

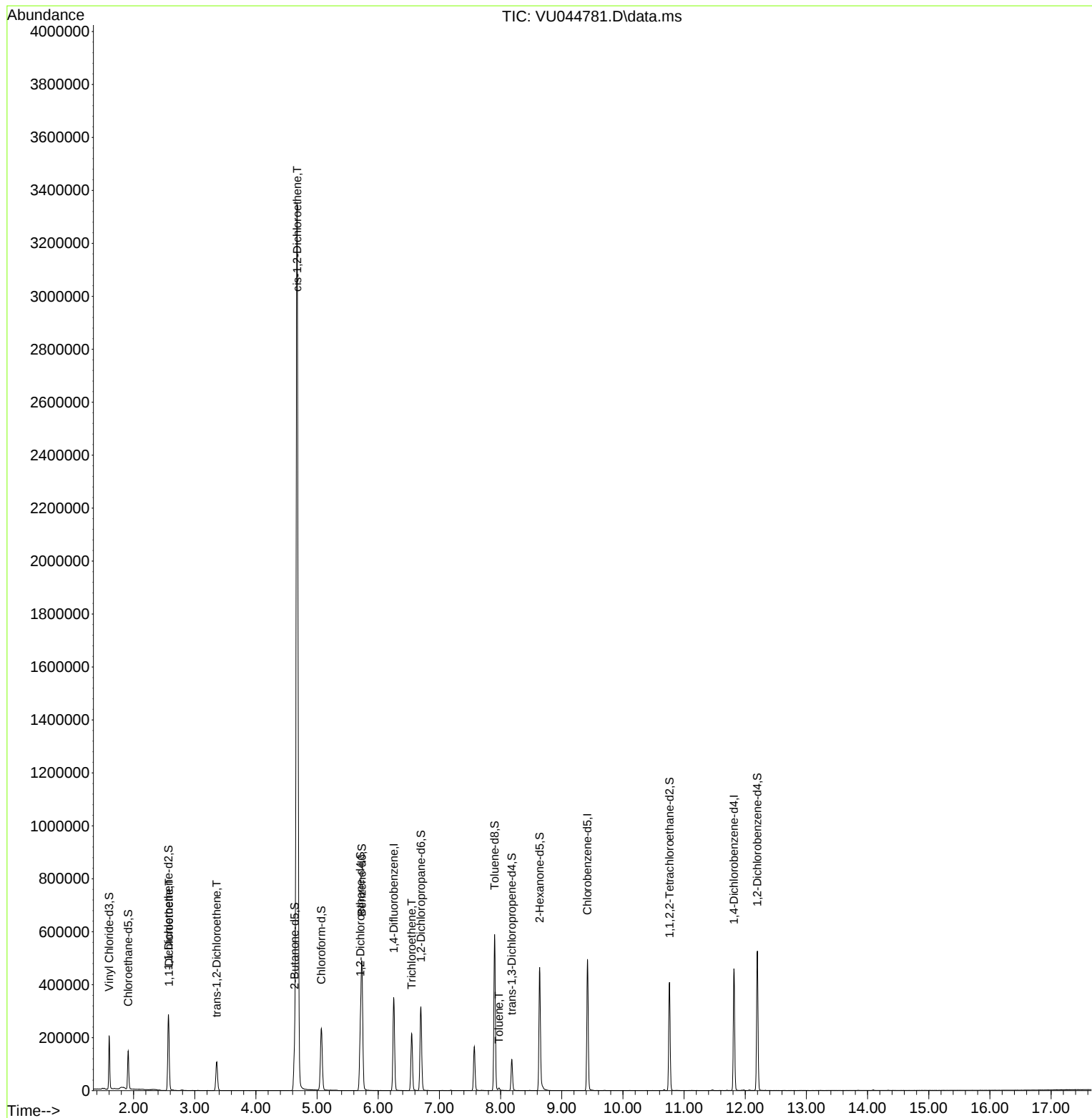
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	266276	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	254291	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	111681	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	133095	45.660	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.320%		
7) Chloroethane-d5	1.912	69	107408	46.499	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.000%		
11) 1,1-Dichloroethene-d2	2.571	63	173744	35.493	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.980%		
21) 2-Butanone-d5	4.632	46	236920	102.809	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.810%		
24) Chloroform-d	5.070	84	206207	44.790	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.580%		
26) 1,2-Dichloroethane-d4	5.706	65	149975	48.093	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.180%		
32) Benzene-d6	5.732	84	432052	48.964	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.920%		
36) 1,2-Dichloropropane-d6	6.697	67	142387	49.489	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.980%		
41) Toluene-d8	7.902	98	364300	47.841	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.680%		
43) trans-1,3-Dichloroprop...	8.182	79	61673	48.188	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.380%		
47) 2-Hexanone-d5	8.639	63	163713	102.678	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.680%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	205175	45.795	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.600%		
66) 1,2-Dichlorobenzene-d4	12.198	152	124228	51.112	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.220%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	2632	1.276	ug/L	# 1
17) trans-1,2-Dichloroethene	3.359	96	43810	20.169	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	1652447	690.373	ug/L	96
34) Trichloroethene	6.546	95	72920	32.189	ug/L	99
42) Toluene	7.973	91	5931	0.619	ug/L	98

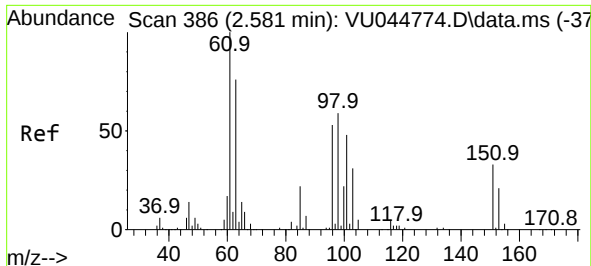
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 24 05:26:38 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.276 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.003 min

Lab File: VU044781.D

Acq: 23 Sep 2021 13:54

Instrument :

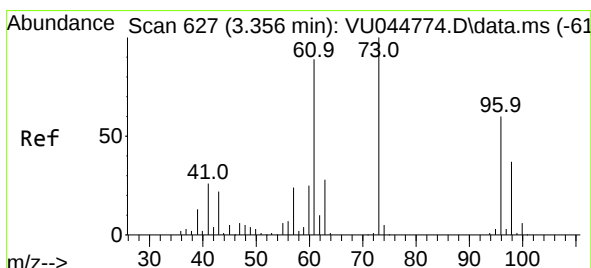
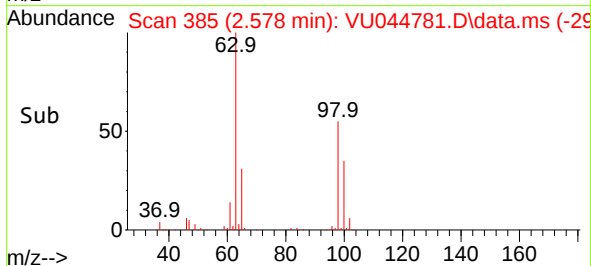
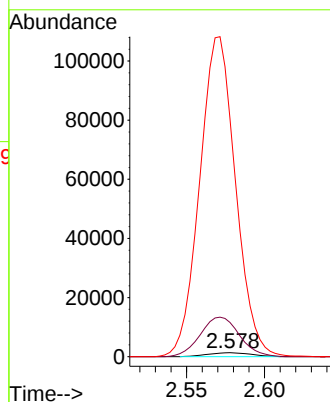
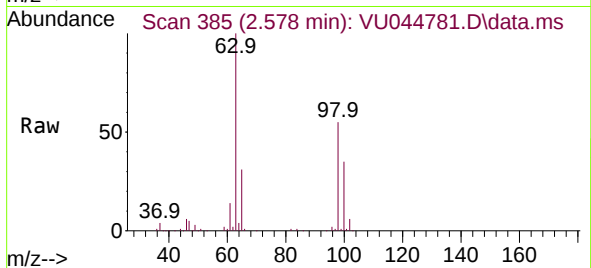
MSVOA_U

ClientSampleId :

EW7X2

Tgt Ion: 96 Resp: 2632

Ion	Ratio	Lower	Upper
96	100		
61	864.0	131.3	243.9#
63	5997.6	102.5	190.3#



#17

trans-1,2-Dichloroethene

Concen: 20.169 ug/L

RT: 3.359 min Scan# 628

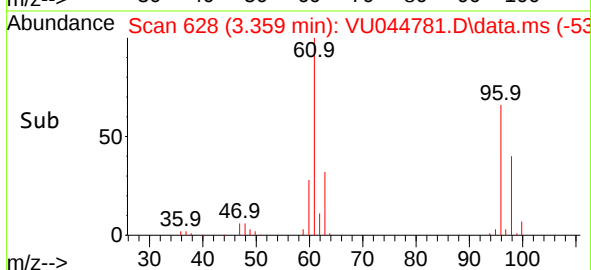
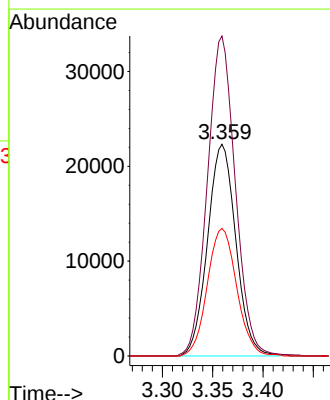
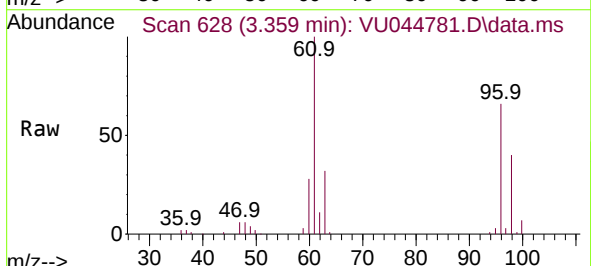
Delta R.T. 0.003 min

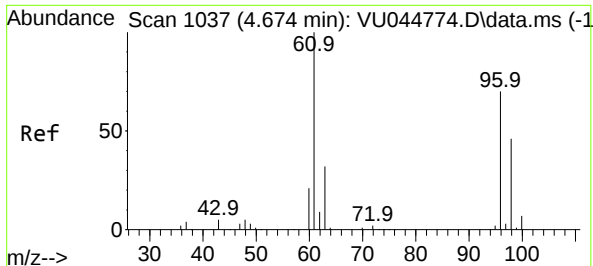
Lab File: VU044781.D

Acq: 23 Sep 2021 13:54

Tgt Ion: 96 Resp: 43810

Ion	Ratio	Lower	Upper
96	100		
61	151.2	105.1	195.3
98	60.3	43.0	79.8



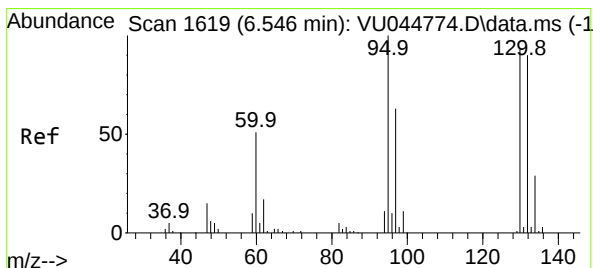
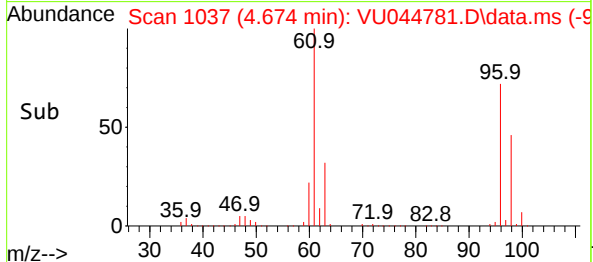
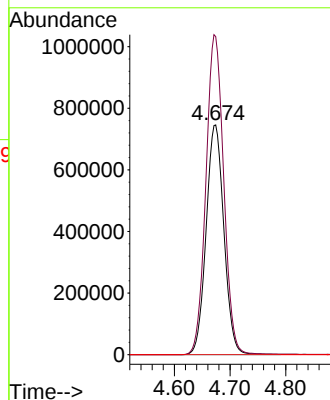
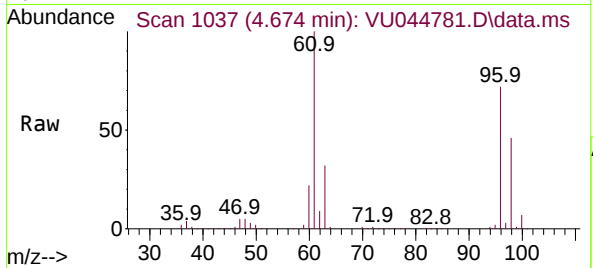


#20
cis-1,2-Dichloroethene
Concen: 690.373 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU044781.D
Acq: 23 Sep 2021 13:54

Instrument :
MSVOA_U
ClientSampleId :
EW7X2

Tgt Ion: 96 Resp: 1652447

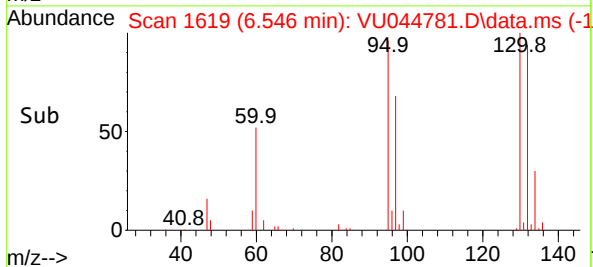
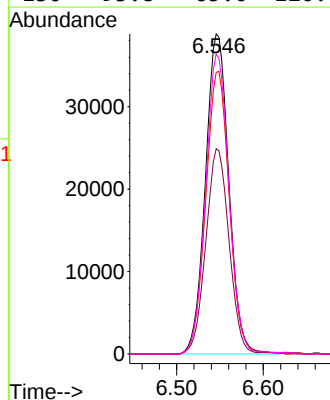
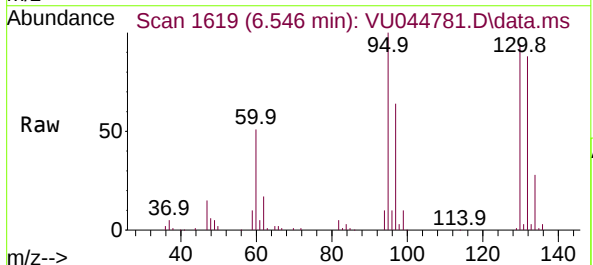
Ion	Ratio	Lower	Upper
96	100		
61	138.5	100.2	186.0
68	0.0	0.0	0.0

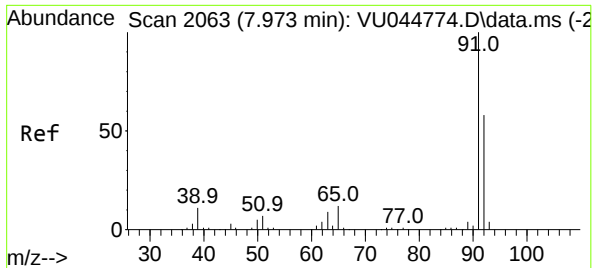


#34
Trichloroethene
Concen: 32.189 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044781.D
Acq: 23 Sep 2021 13:54

Tgt Ion: 95 Resp: 72920

Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.4	82.4
132	88.0	62.9	116.9
130	93.8	65.0	120.8





#42
Toluene
Concen: 0.619 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044781.D
Acq: 23 Sep 2021 13:54

Instrument :
MSVOA_U
ClientSampleId :
EW7X2

Tgt Ion: 91 Resp: 5931
Ion Ratio Lower Upper
91 100
92 59.4 40.5 75.1

