

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044784.D
 Acq On : 23 Sep 2021 15:04
 Operator : SY/MD
 Sample : M3873-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW7X5

Quant Time: Sep 24 05:37:51 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)

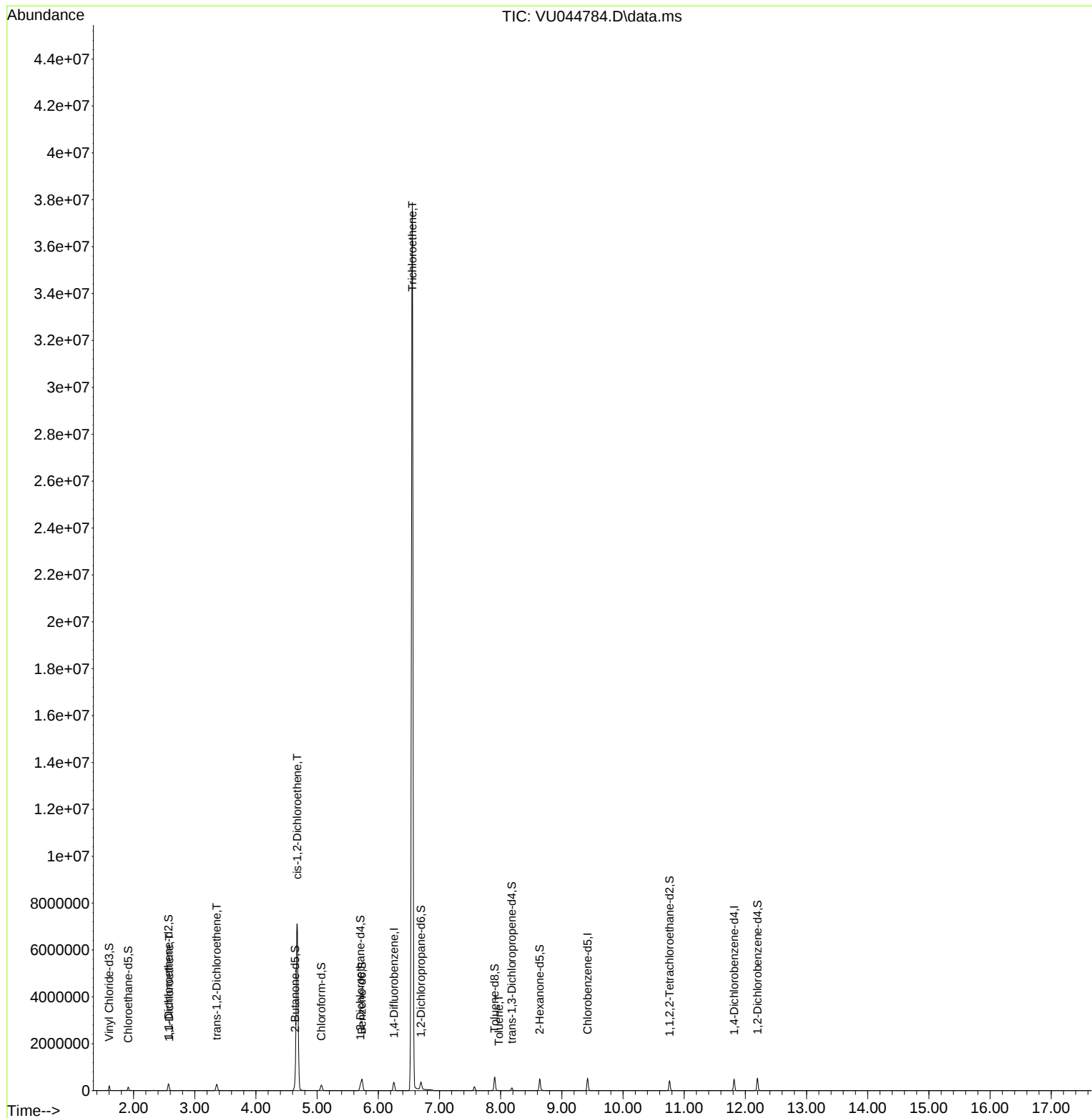
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	271625	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	266464	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	117526	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	129932	43.697	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.400%
7) Chloroethane-d5	1.912	69	106757	45.307	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.620%
11) 1,1-Dichloroethene-d2	2.571	63	174641	34.973	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.940%
21) 2-Butanone-d5	4.639	46	252004	107.201	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.200%
24) Chloroform-d	5.070	84	208397	44.374	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.740%
26) 1,2-Dichloroethane-d4	5.706	65	149133	46.881	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.760%
32) Benzene-d6	5.732	84	427917	46.280	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.560%
36) 1,2-Dichloropropane-d6	6.697	67	136288	45.205	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.420%
41) Toluene-d8	7.902	98	360119	45.132	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.260%
43) trans-1,3-Dichloroprop...	8.182	79	61221	45.650	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.300%
47) 2-Hexanone-d5	8.639	63	170006	101.754	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.750%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	206707	44.030	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.060%
66) 1,2-Dichlorobenzene-d4	12.198	152	125821	49.193	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.380%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.581	96	5429	2.581	ug/L	# 1
17) trans-1,2-Dichloroethene	3.359	96	106531	48.078	ug/L	97
20) cis-1,2-Dichloroethene	4.674	96	3488547	1428.774	ug/L	97
34) Trichloroethene	6.555	95	12777549	5382.729	ug/L	96
42) Toluene	7.973	91	6409	0.638	ug/L	99

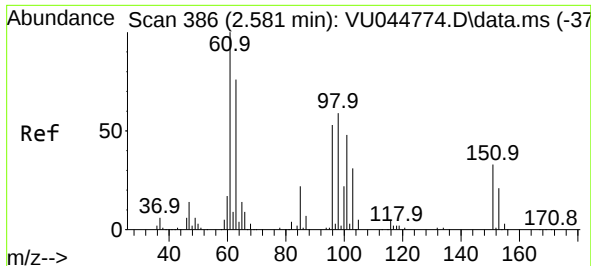
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

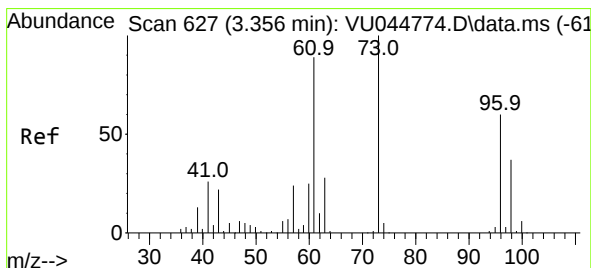
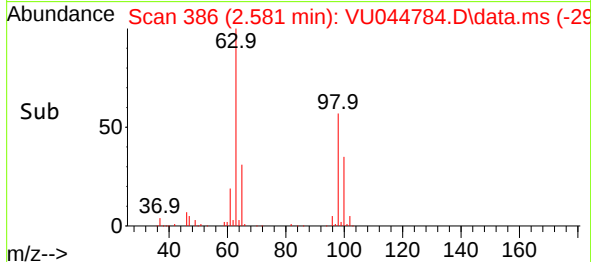
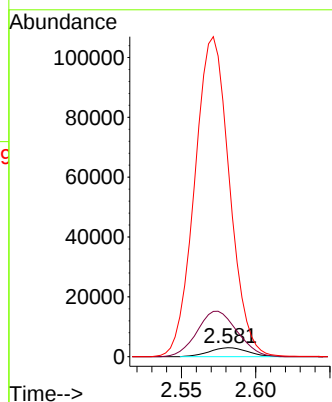
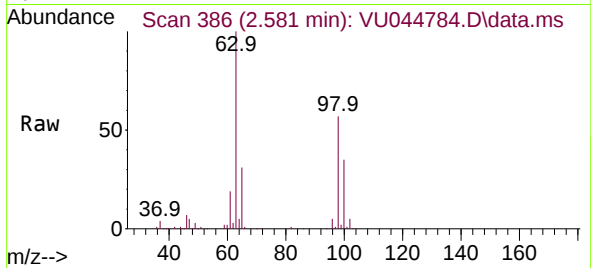




#12
1,1-Dichloroethene
Concen: 2.581 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU044784.D
Acq: 23 Sep 2021 15:04

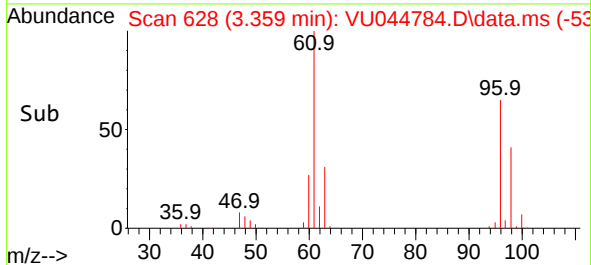
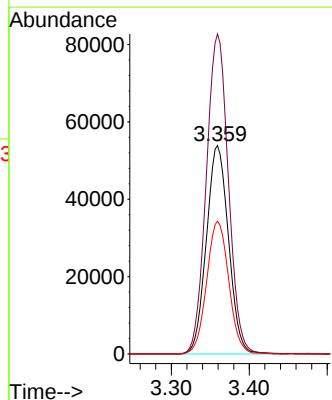
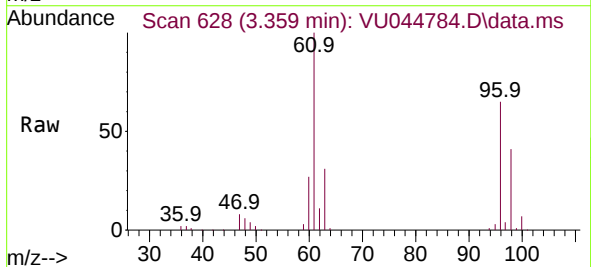
Instrument :
MSVOA_U
ClientSampleId :
EW7X5

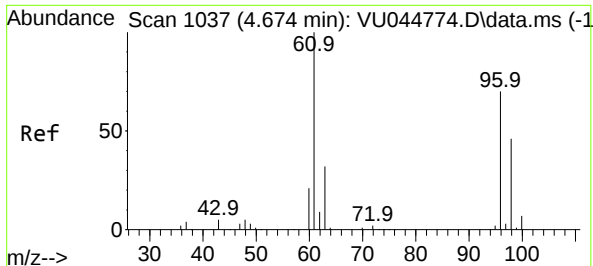
Tgt Ion: 96 Resp: 5429
Ion Ratio Lower Upper
96 100
61 422.2 131.3 243.9#
63 2198.3 102.5 190.3#



#17
trans-1,2-Dichloroethene
Concen: 48.078 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU044784.D
Acq: 23 Sep 2021 15:04

Tgt Ion: 96 Resp: 106531
Ion Ratio Lower Upper
96 100
61 153.5 105.1 195.3
98 63.7 43.0 79.8





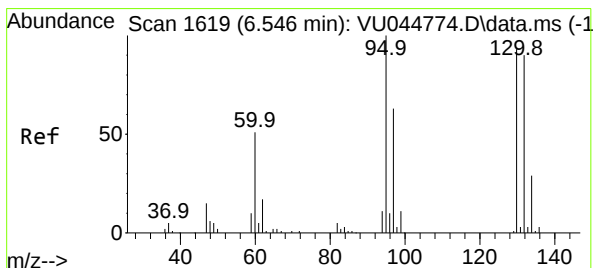
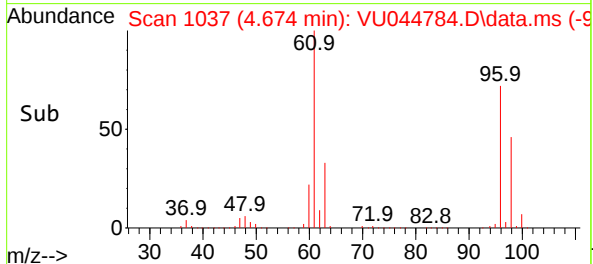
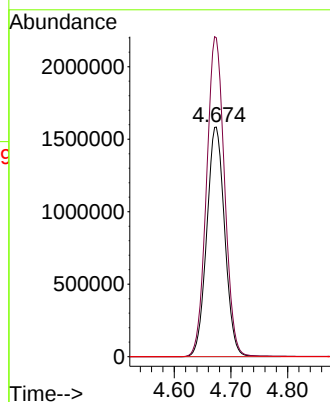
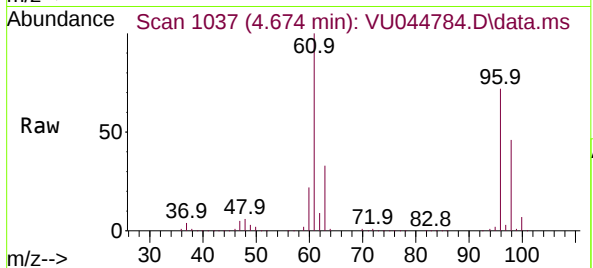
#20

cis-1,2-Dichloroethene
Concen: 1428.774 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU044784.D
Acq: 23 Sep 2021 15:04

Instrument :
MSVOA_U
ClientSampleId :
EW7X5

Tgt Ion: 96 Resp: 3488547

Ion	Ratio	Lower	Upper
96	100		
61	138.8	100.2	186.0
68	0.0	0.0	0.0

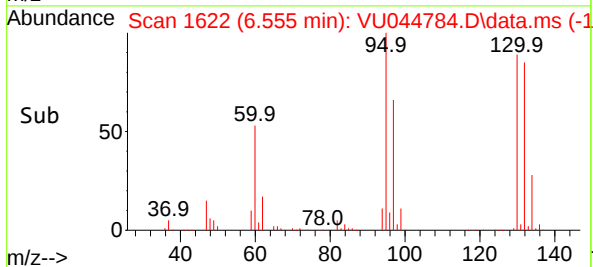
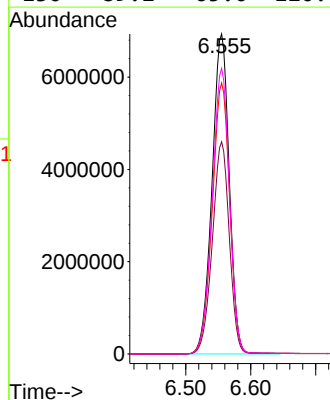
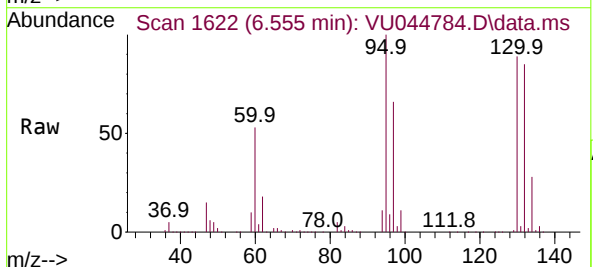


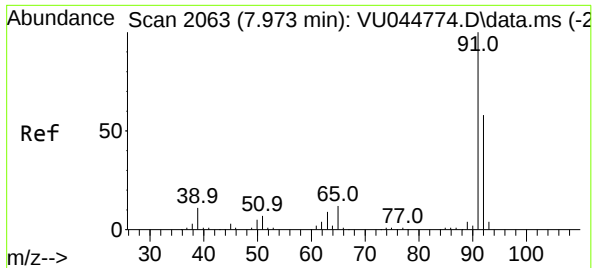
#34

Trichloroethene
Concen: 5382.729 ug/L
RT: 6.555 min Scan# 1622
Delta R.T. 0.009 min
Lab File: VU044784.D
Acq: 23 Sep 2021 15:04

Tgt Ion: 95 Resp: 12777549

Ion	Ratio	Lower	Upper
95	100		
97	66.3	44.4	82.4
132	84.7	62.9	116.9
130	89.2	65.0	120.8





#42
Toluene
Concen: 0.638 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044784.D
Acq: 23 Sep 2021 15:04

Instrument :
MSVOA_U
ClientSampleId :
EW7X5

Tgt Ion: 91 Resp: 6409
Ion Ratio Lower Upper
91 100
92 56.9 40.5 75.1

