

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045151.D
 Acq On : 05 Oct 2021 17:44
 Operator : SY/MD
 Sample : M4025-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL3

Quant Time: Oct 06 01:46:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 01:40:56 2021
 Response via : Initial Calibration

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

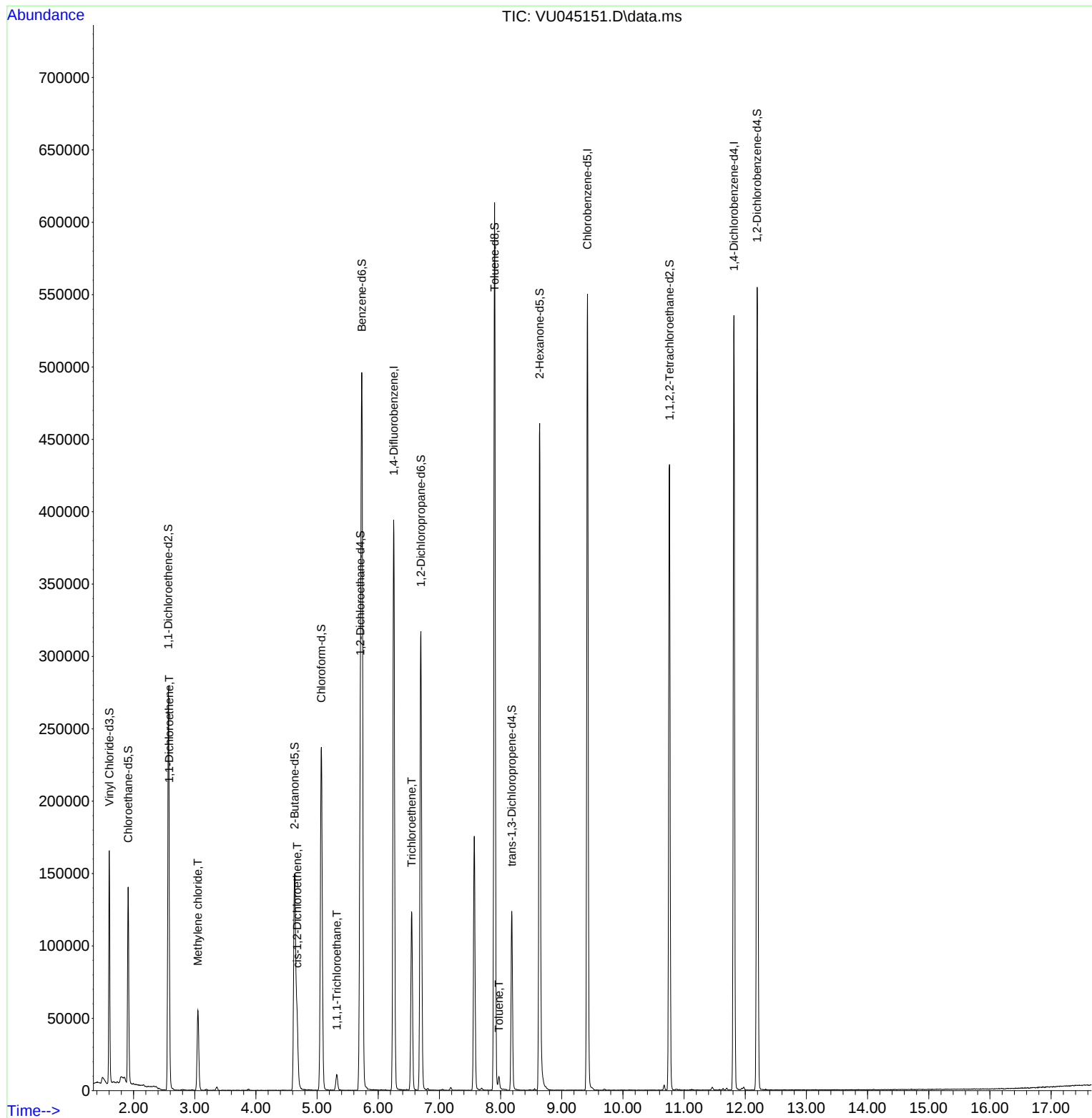
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	310629	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	291622	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	131513	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	115170	33.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.74%		
7) Chloroethane-d5	1.912	69	104668	38.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.68%		
11) 1,1-Dichloroethene-d2	2.568	63	166055	29.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.16%#		
21) 2-Butanone-d5	4.633	46	231825	86.23	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.23%		
24) Chloroform-d	5.070	84	215264	40.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.16%		
26) 1,2-Dichloroethane-d4	5.707	65	153843	42.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.58%		
32) Benzene-d6	5.732	84	445900	44.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.12%		
36) 1,2-Dichloropropane-d6	6.697	67	142109	43.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.14%		
41) Toluene-d8	7.903	98	387594	44.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.76%		
43) trans-1,3-Dichloroprop...	8.182	79	65859	44.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.74%		
47) 2-Hexanone-d5	8.639	63	163919	89.65	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.65%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	211389	41.14	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.28%		
66) 1,2-Dichlorobenzene-d4	12.195	152	137742	48.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.26%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.581	96	4968	2.07	ug/L	# 1
16) Methylene chloride	3.051	84	26958	8.85	ug/L	93
20) cis-1,2-Dichloroethene	4.674	96	19018	6.81	ug/L	96
30) 1,1,1-Trichloroethane	5.324	97	7821	1.94	ug/L	99
34) Trichloroethene	6.546	95	41504	15.98	ug/L	99
42) Toluene	7.973	91	6312	0.57	ug/L	94

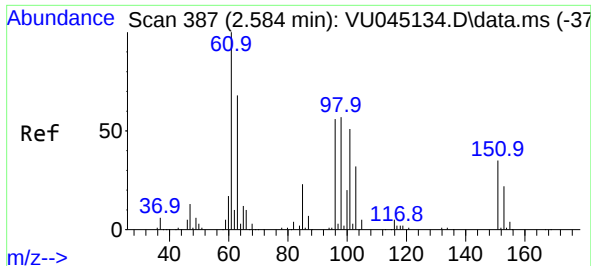
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.07 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.003 min

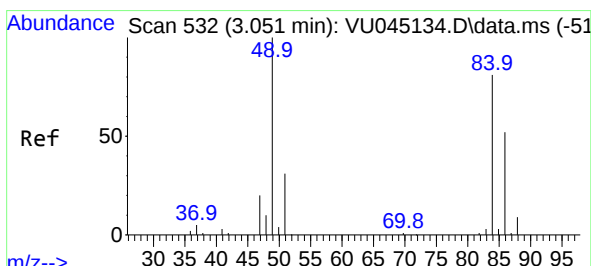
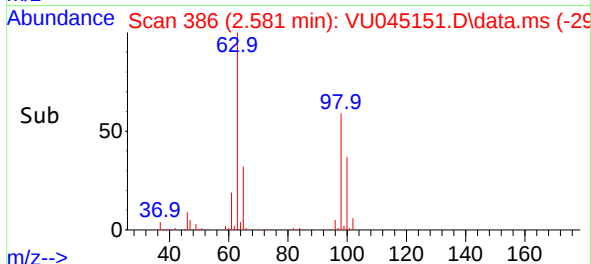
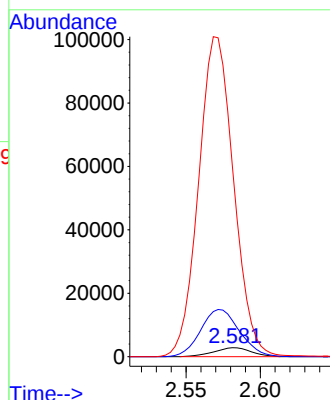
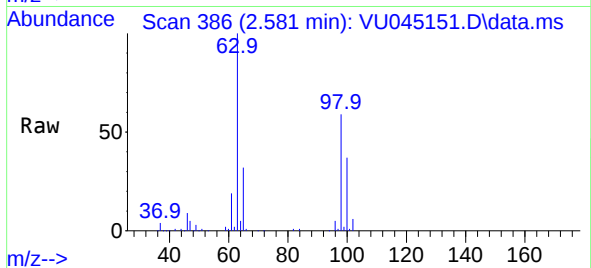
Lab File: VU045151.D

Acq: 05 Oct 2021 17:44

Tgt Ion: 96 Resp: 4968

Ion	Ratio	Lower	Upper
96	100		
61	403.9	131.3	243.9#
63	2129.6	102.5	190.3#

Instrument :
MSVOA_U
ClientSampleId :
C0AL3



#16

Methylene chloride

Concen: 8.85 ug/L

RT: 3.051 min Scan# 532

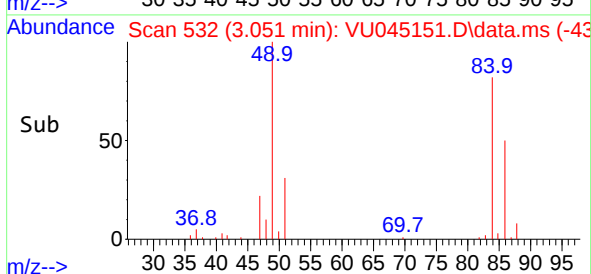
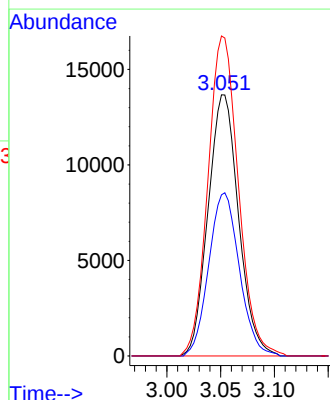
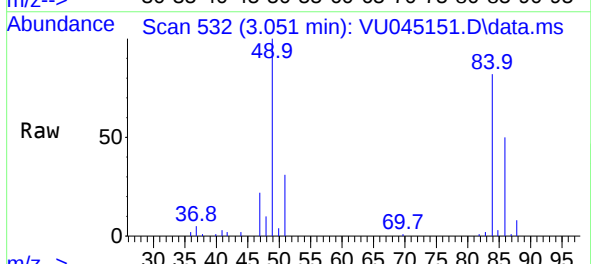
Delta R.T. 0.000 min

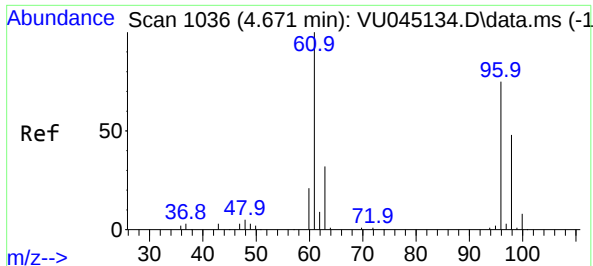
Lab File: VU045151.D

Acq: 05 Oct 2021 17:44

Tgt Ion: 84 Resp: 26958

Ion	Ratio	Lower	Upper
84	100		
86	61.7	44.7	83.1
49	122.5	92.9	172.5



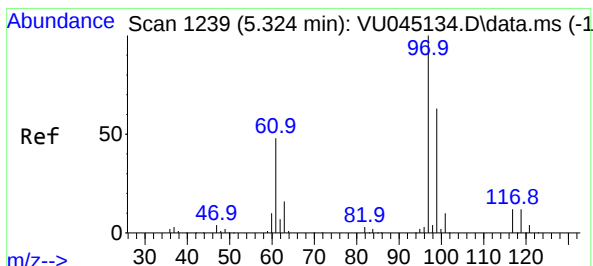
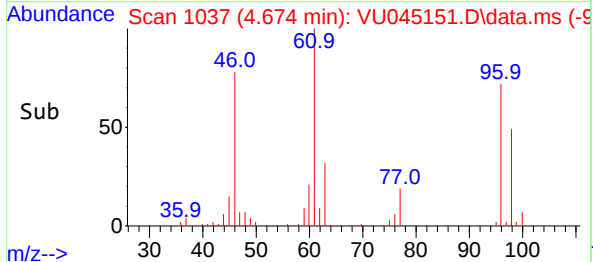
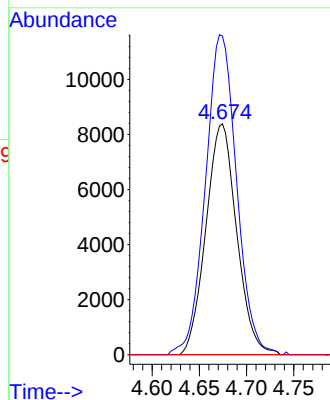
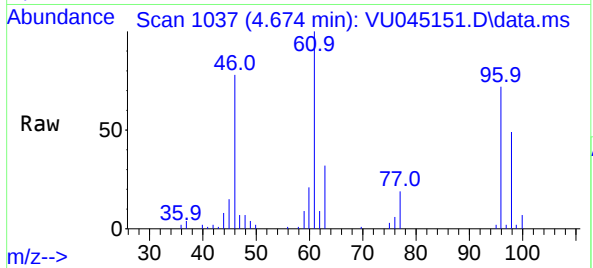


#20
 cis-1,2-Dichloroethene
 Concen: 6.81 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.003 min
 Lab File: VU045151.D
 Acq: 05 Oct 2021 17:44

Instrument :
 MSVOA_U
 ClientSampled :
 C0AL3

Tgt Ion: 96 Resp: 19018

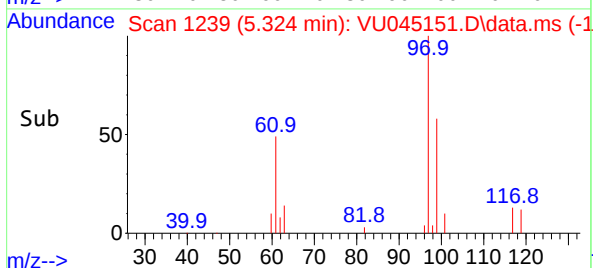
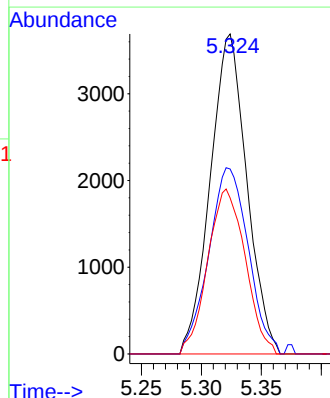
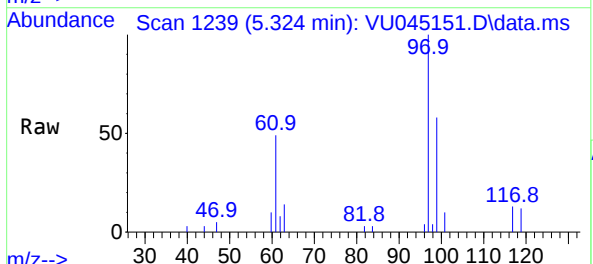
Ion	Ratio	Lower	Upper
96	100		
61	138.0	100.2	186.0
68	0.0	0.0	0.0

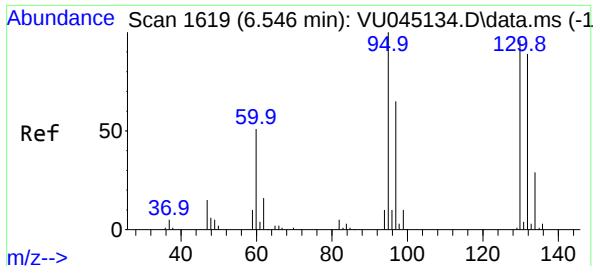


#30
 1,1,1-Trichloroethane
 Concen: 1.94 ug/L
 RT: 5.324 min Scan# 1239
 Delta R.T. 0.000 min
 Lab File: VU045151.D
 Acq: 05 Oct 2021 17:44

Tgt Ion: 97 Resp: 7821

Ion	Ratio	Lower	Upper
97	100		
99	62.9	50.6	75.8
61	52.9	41.3	61.9





#34

Trichloroethene

Concen: 15.98 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045151.D

Acq: 05 Oct 2021 17:44

Tgt Ion: 95 Resp: 41504

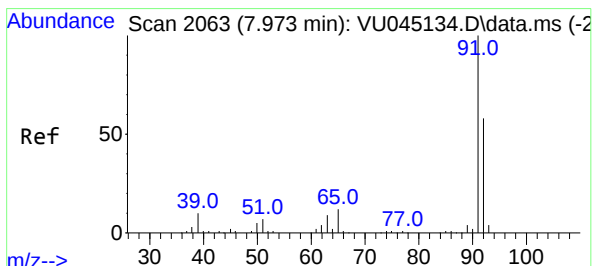
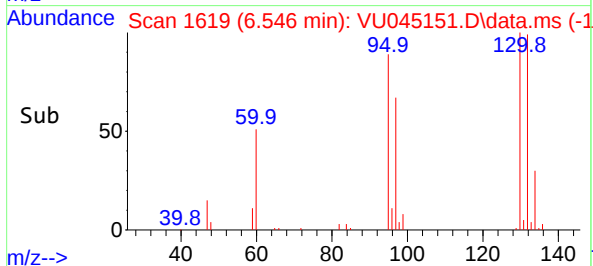
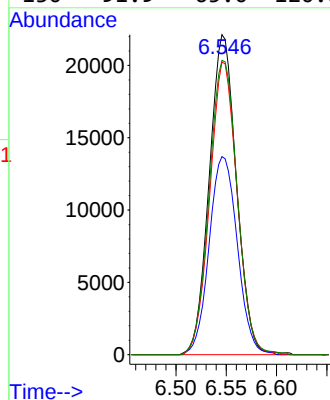
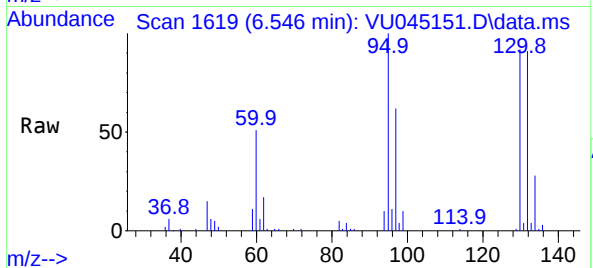
Ion Ratio Lower Upper

95 100

97 61.9 44.4 82.4

132 91.5 62.9 116.9

130 91.9 65.0 120.8



#42

Toluene

Concen: 0.57 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045151.D

Acq: 05 Oct 2021 17:44

Tgt Ion: 91 Resp: 6312

Ion Ratio Lower Upper

91 100

92 53.2 40.5 75.1

