

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045117.D
 Acq On : 05 Oct 2021 00:08
 Operator : SY/MD
 Sample : M4023-14 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK3

Manual Integrations
 APPROVED

MMDadoda
 10/11/2021 11:53:50 AM

Quant Time: Oct 05 07:03:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	282418	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	264567	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	129879	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	78525	25.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	50.80%#		
7) Chloroethane-d5	1.896	69	80020	32.66	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	65.32%#		
11) 1,1-Dichloroethene-d2	2.565	63	123715	23.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	47.66%#		
21) 2-Butanone-d5	4.629	46	228605	93.53	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.53%		
24) Chloroform-d	5.067	84	186061	38.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.20%		
26) 1,2-Dichloroethane-d4	5.706	65	133887	40.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.96%		
32) Benzene-d6	5.732	84	366168	39.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.78%		
36) 1,2-Dichloropropane-d6	6.693	67	122427	40.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.80%		
41) Toluene-d8	7.902	98	313110	39.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.04%#		
43) trans-1,3-Dichloroprop...	8.182	79	54624	41.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.04%		
47) 2-Hexanone-d5	8.639	63	180760	108.97	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	108.97%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	217766	46.72	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.44%		
66) 1,2-Dichlorobenzene-d4	12.195	152	129065	45.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.32%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.674	96	2176m	0.86	ug/L	
34) Trichloroethene	6.546	95	3318	1.41	ug/L	94
42) Toluene	7.973	91	5509	0.55	ug/L	95

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

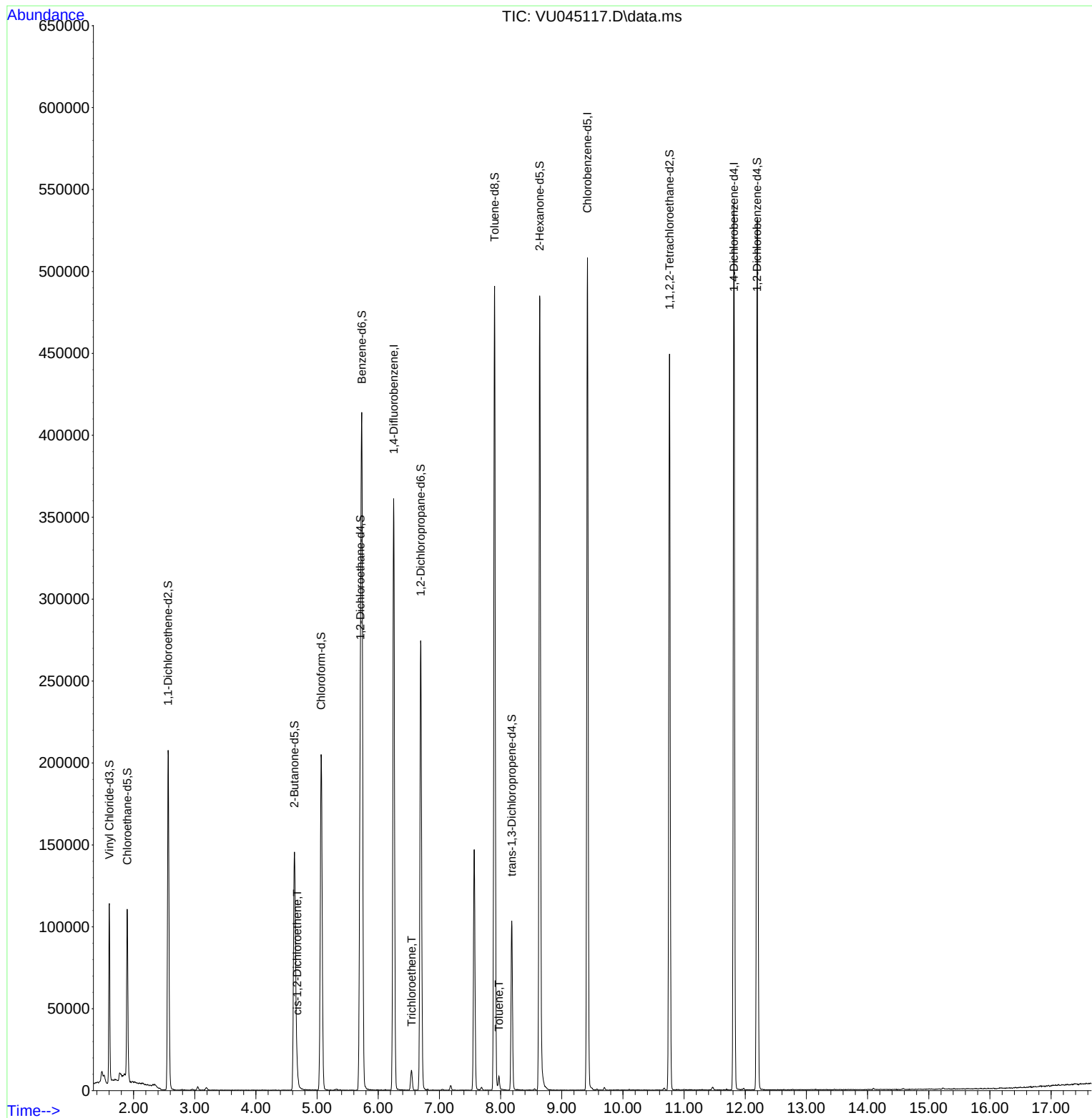
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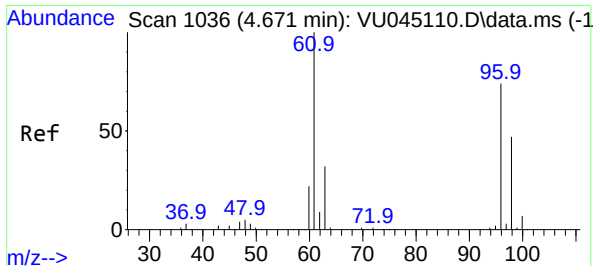
Instrument :
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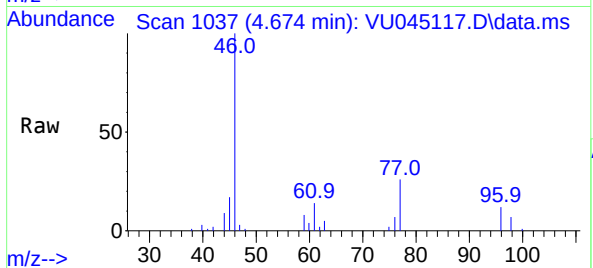
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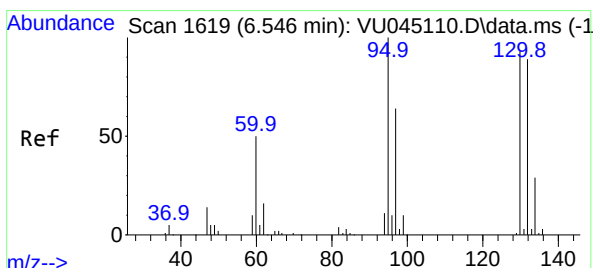
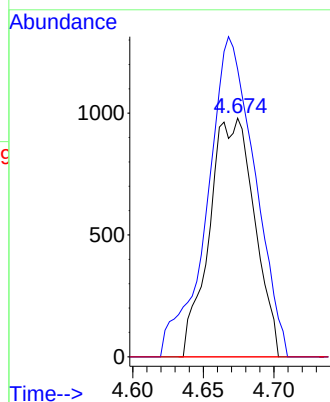
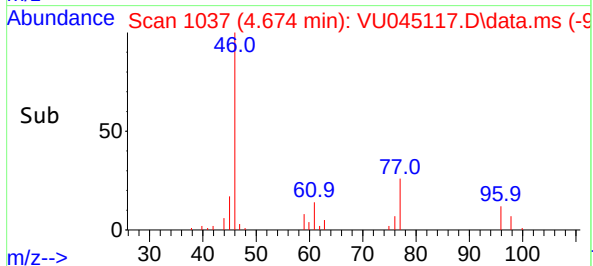




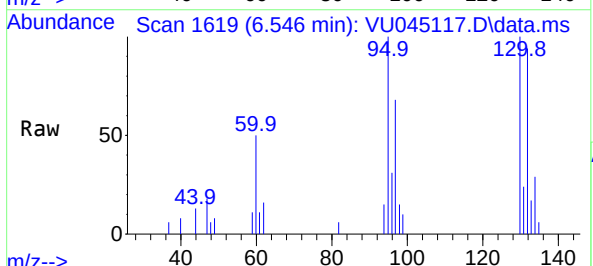
#20
cis-1,2-Dichloroethene
Concen: 0.86 ug/L m
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU045117.D
Acq: 05 Oct 2021 00:08



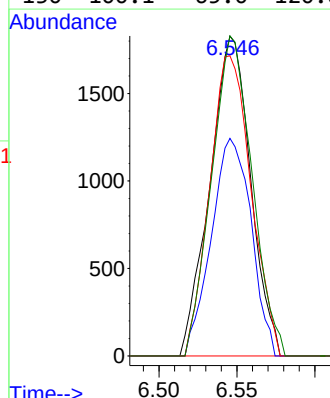
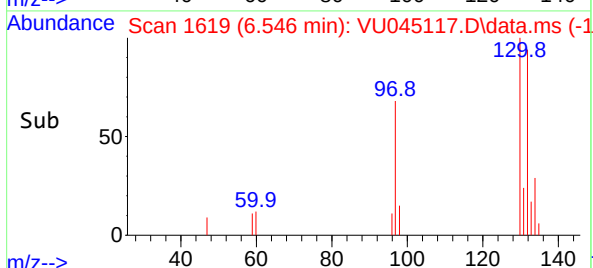
Tgt Ion: 96 Resp: 2176
Ion Ratio Lower Upper
96 100
61 120.5 100.2 186.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 1.41 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045117.D
Acq: 05 Oct 2021 00:08



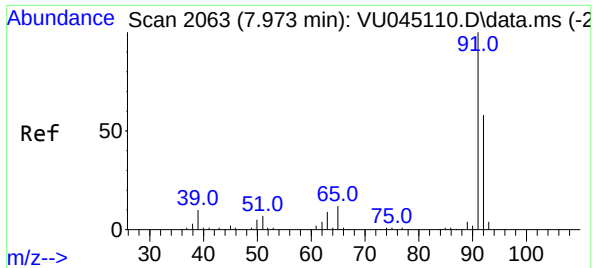
Tgt Ion: 95 Resp: 3318
Ion Ratio Lower Upper
95 100
97 68.1 44.4 82.4
132 93.9 62.9 116.9
130 100.1 65.0 120.8



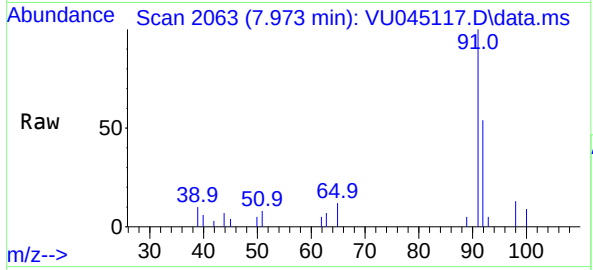
Instrument :
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ClientSampled :
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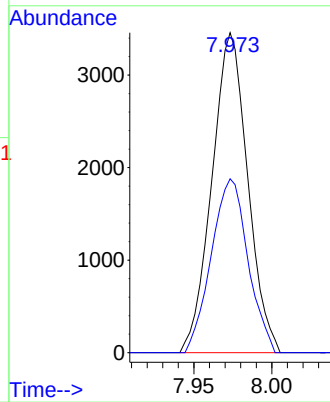
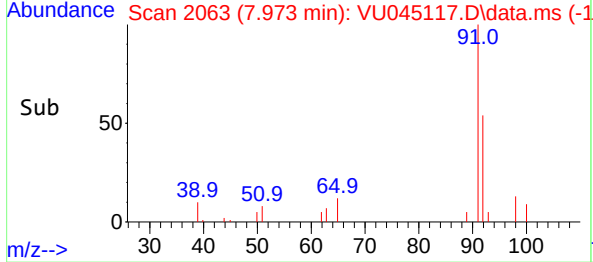
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#42
Toluene
Concen: 0.55 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045117.D
Acq: 05 Oct 2021 00:08



Tgt Ion: 91 Resp: 5509
Ion Ratio Lower Upper
91 100
92 54.4 40.5 75.1



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