

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045149.D
 Acq On : 05 Oct 2021 16:57
 Operator : SY/MD
 Sample : M4025-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL0

Quant Time: Oct 06 01:46:30 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)

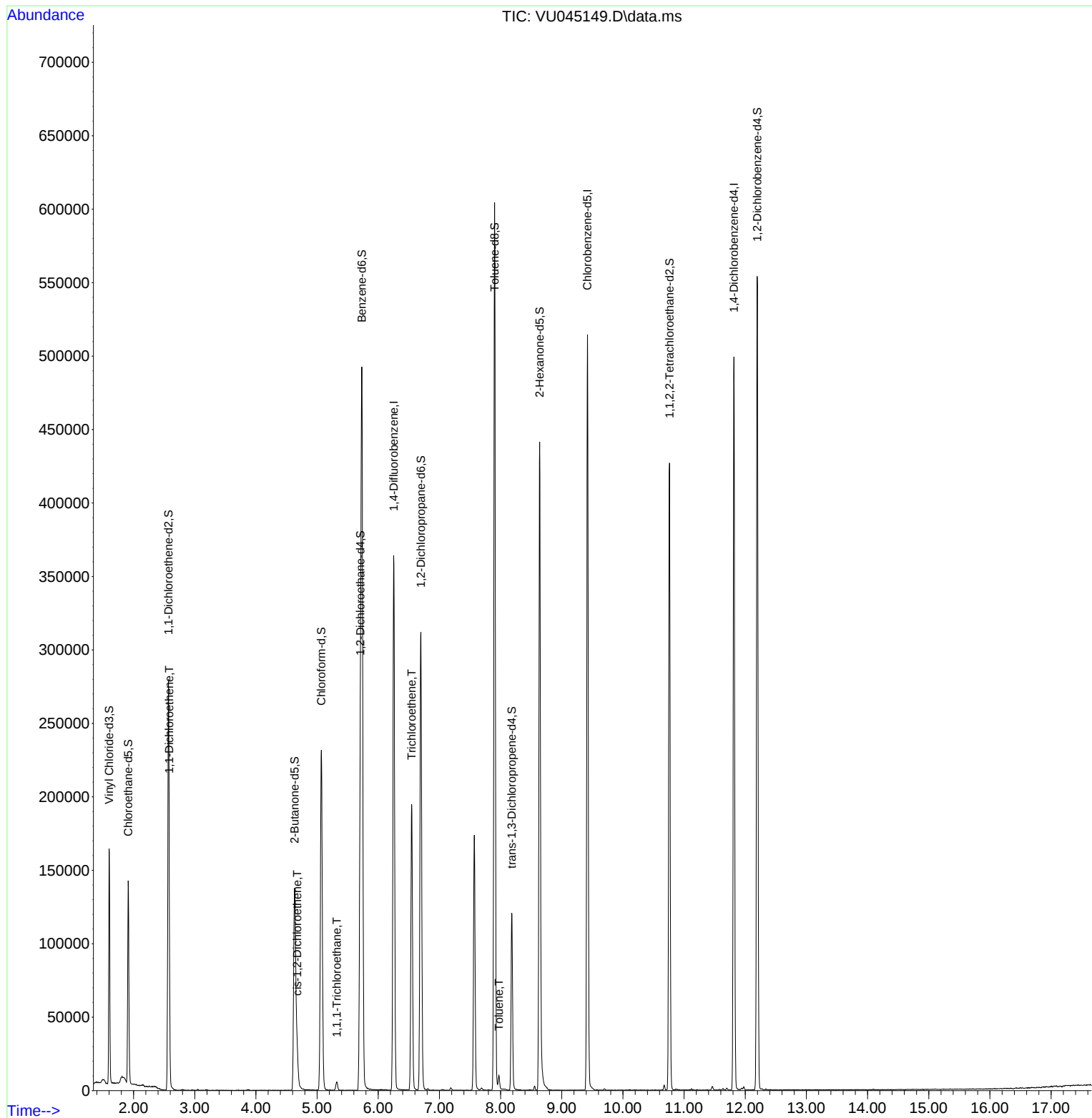
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	287230	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	268952	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	121966	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	114395	36.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.76%		
7) Chloroethane-d5	1.912	69	103732	41.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.26%		
11) 1,1-Dichloroethene-d2	2.571	63	165915	31.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.84%		
21) 2-Butanone-d5	4.632	46	225803	90.84	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.84%		
24) Chloroform-d	5.070	84	210287	42.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.68%		
26) 1,2-Dichloroethane-d4	5.706	65	151280	44.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.94%		
32) Benzene-d6	5.732	84	440248	47.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.34%		
36) 1,2-Dichloropropane-d6	6.697	67	140594	46.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.40%		
41) Toluene-d8	7.902	98	385696	47.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.78%		
43) trans-1,3-Dichloroprop...	8.182	79	66028	48.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.56%		
47) 2-Hexanone-d5	8.639	63	157970	93.68	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.68%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	209133	44.13	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.26%		
66) 1,2-Dichlorobenzene-d4	12.198	152	136019	51.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.48%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.581	96	4253	1.91	ug/L	# 1
20) cis-1,2-Dichloroethene	4.674	96	7189	2.78	ug/L	83
30) 1,1,1-Trichloroethane	5.324	97	4234	1.14	ug/L	97
34) Trichloroethene	6.546	95	64462	26.90	ug/L	95
42) Toluene	7.973	91	6051	0.60	ug/L	94

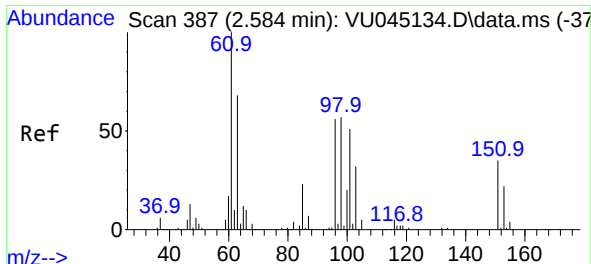
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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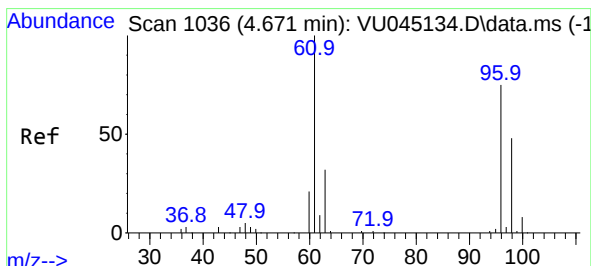
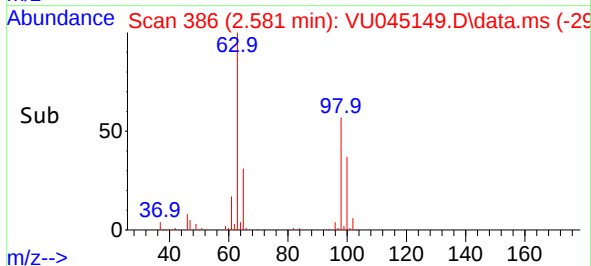
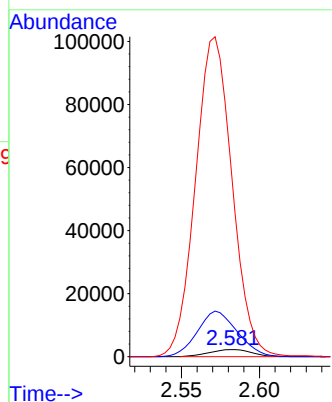
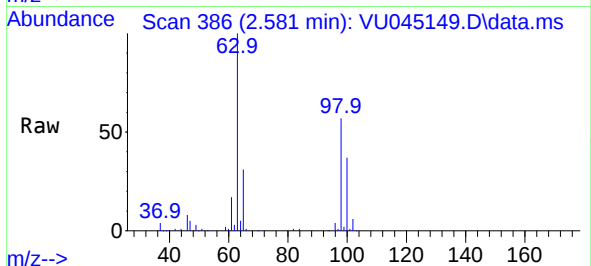




#12
1,1-Dichloroethene
Concen: 1.91 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU045149.D
Acq: 05 Oct 2021 16:57

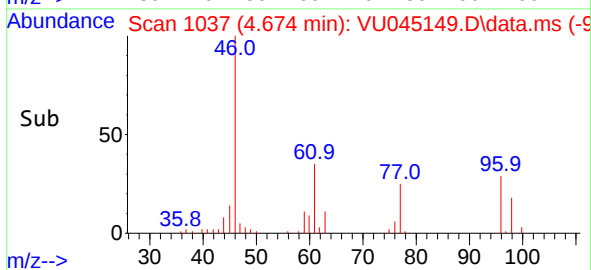
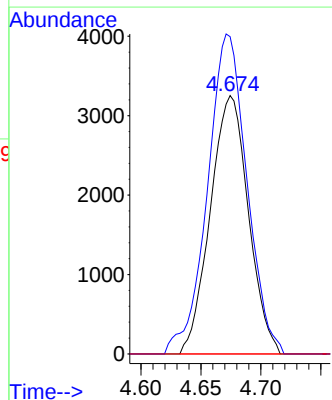
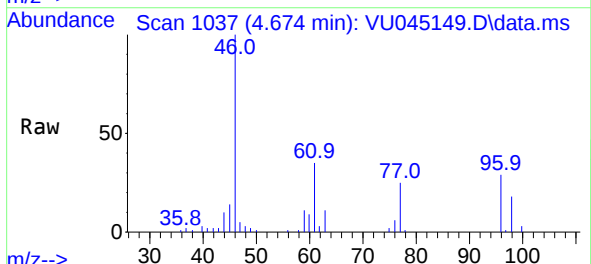
Instrument :
MSVOA_U
ClientSampleId :
C0AL0

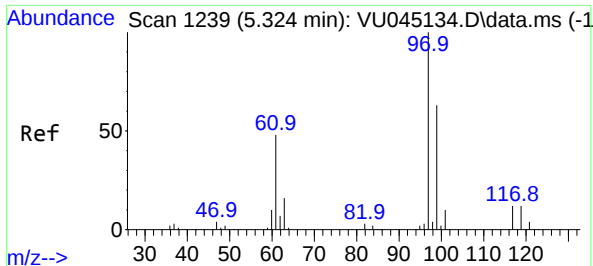
Tgt Ion: 96 Resp: 4253
Ion Ratio Lower Upper
96 100
61 473.4 131.3 243.9#
63 2806.9 102.5 190.3#



#20
cis-1,2-Dichloroethene
Concen: 2.78 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU045149.D
Acq: 05 Oct 2021 16:57

Tgt Ion: 96 Resp: 7189
Ion Ratio Lower Upper
96 100
61 122.7 100.2 186.0
68 0.0 0.0 0.0



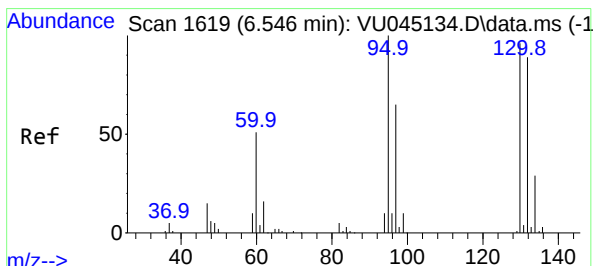
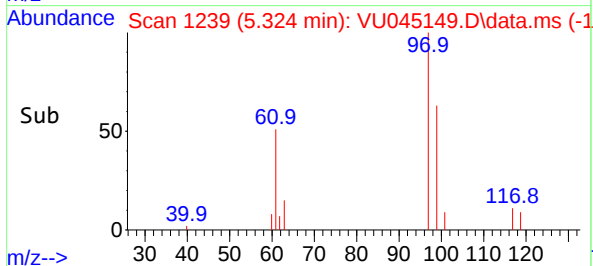
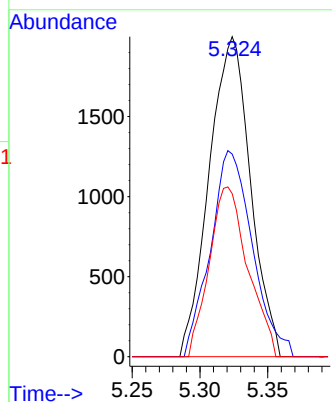
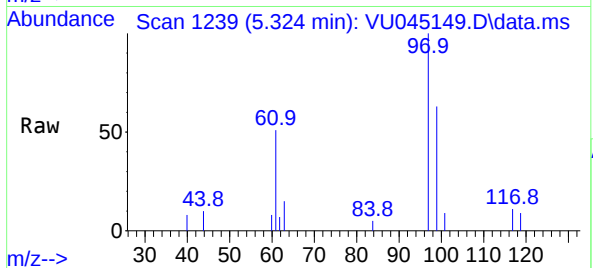


#30
1,1,1-Trichloroethane
Concen: 1.14 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VU045149.D
Acq: 05 Oct 2021 16:57

Instrument :
MSVOA_U
ClientSampleId :
COAL0

Tgt Ion: 97 Resp: 4234

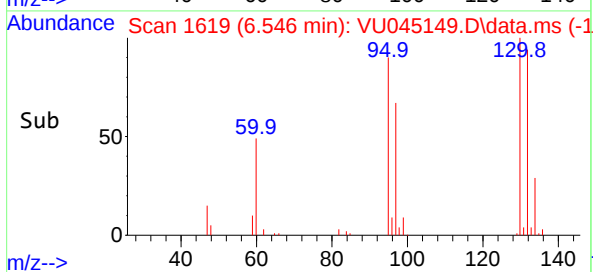
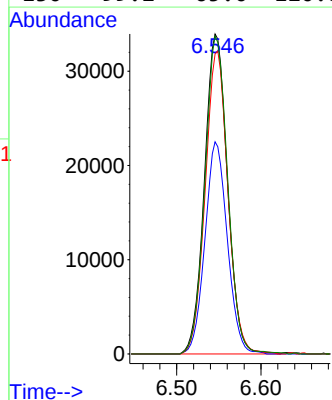
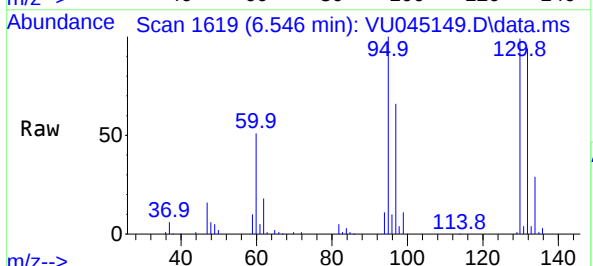
Ion	Ratio	Lower	Upper
97	100		
99	65.2	50.6	75.8
61	49.6	41.3	61.9

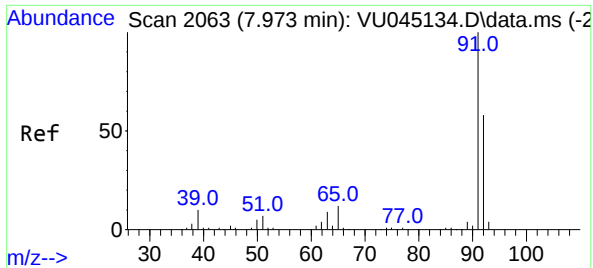


#34
Trichloroethene
Concen: 26.90 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045149.D
Acq: 05 Oct 2021 16:57

Tgt Ion: 95 Resp: 64462

Ion	Ratio	Lower	Upper
95	100		
97	66.3	44.4	82.4
132	93.7	62.9	116.9
130	99.2	65.0	120.8





#42
Toluene
Concen: 0.60 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045149.D
Acq: 05 Oct 2021 16:57

Instrument :
MSVOA_U
ClientSampleId :
C0AL0

Tgt Ion: 91 Resp: 6051
Ion Ratio Lower Upper
91 100
92 61.9 40.5 75.1

