

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045222.D
 Acq On : 07 Oct 2021 20:52
 Operator : SY/MD
 Sample : M4023-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 22:20:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 22:18:46 2021
 Response via : Initial Calibration

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

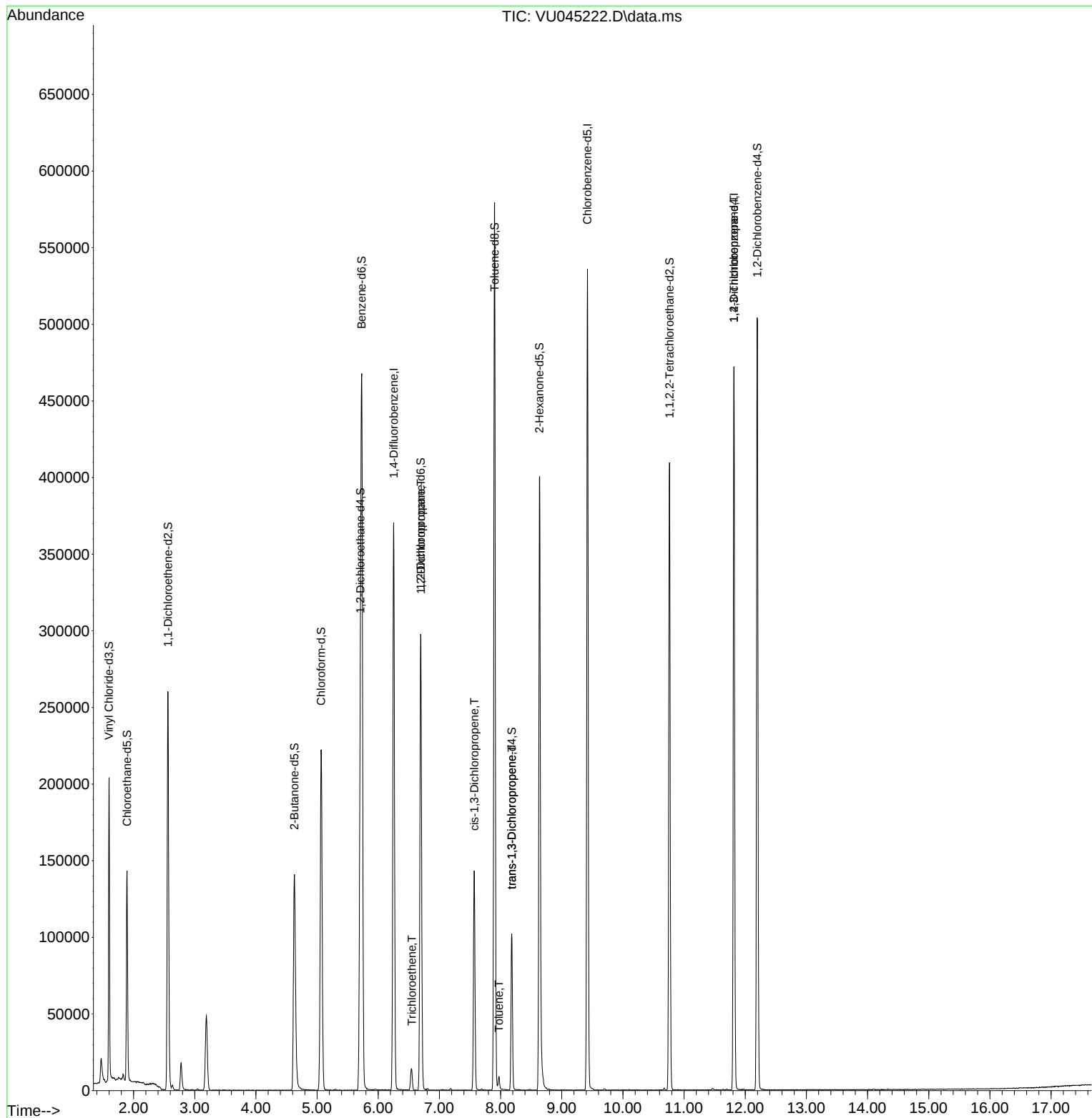
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	285676	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	274233	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	116505	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	128317	41.031	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.060%		
7) Chloroethane-d5	1.893	69	103383	41.717	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.440%		
11) 1,1-Dichloroethene-d2	2.562	63	158228	30.128	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.260%		
21) 2-Butanone-d5	4.629	46	197754	79.985	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.990%		
24) Chloroform-d	5.067	84	199038	40.297	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.600%		
26) 1,2-Dichloroethane-d4	5.706	65	142190	42.500	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.000%		
32) Benzene-d6	5.729	84	419675	44.103	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.200%		
36) 1,2-Dichloropropane-d6	6.694	67	134537	43.360	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.720%		
41) Toluene-d8	7.902	98	362230	44.110	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.220%		
43) trans-1,3-Dichloroprop...	8.182	79	52698	38.181	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.360%		
47) 2-Hexanone-d5	8.636	63	140138	81.501	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.500%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	200553	41.509	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.020%		
66) 1,2-Dichlorobenzene-d4	12.198	152	123432	48.682	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.360%		
Target Compounds						Qvalue
34) Trichloroethene	6.549	95	4255	1.742	ug/L	95
37) 1,2-Dichloropropane	6.697	63	15465	5.584	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3288	0.830	ug/L #	79
42) Toluene	7.973	91	5736	0.555	ug/L	95
44) trans-1,3-Dichloropropene	8.182	75	2460	0.653	ug/L	87
60) 1,2,3-Trichloropropane	11.816	75	15567	4.831	ug/L #	68

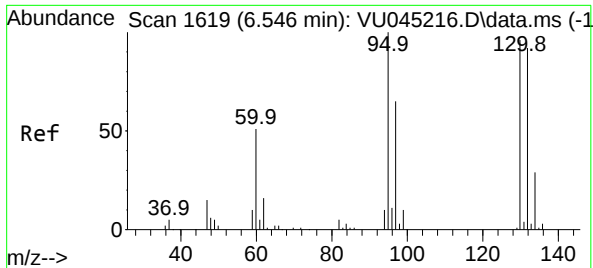
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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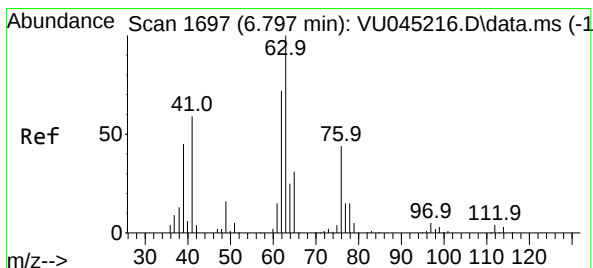
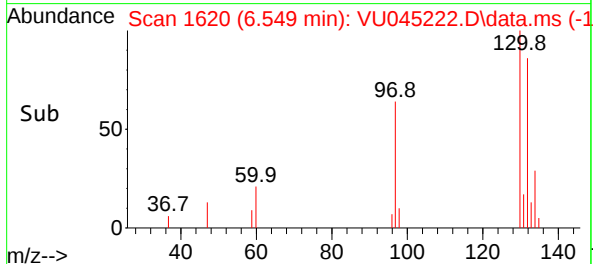
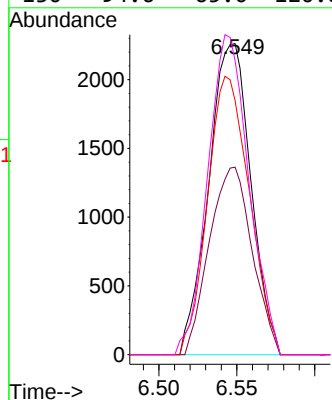
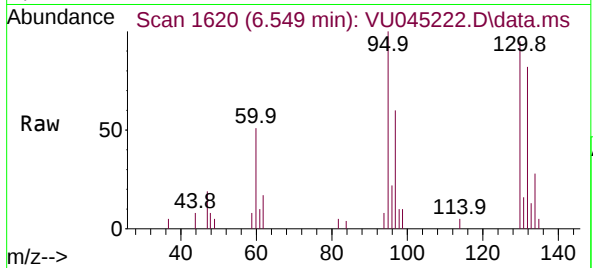


#34
Trichloroethene
Concen: 1.742 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU045222.D
Acq: 07 Oct 2021 20:52

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 4255

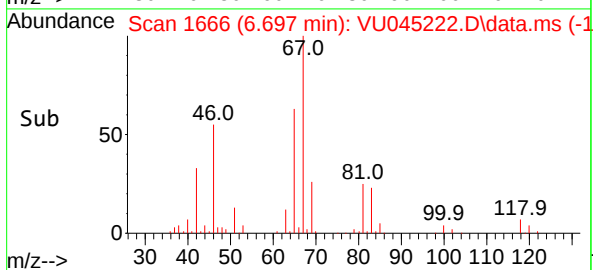
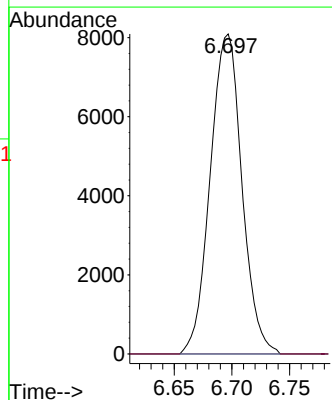
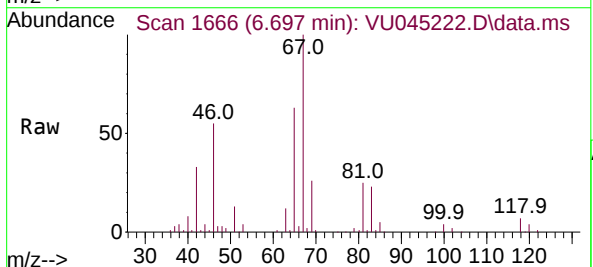
Ion	Ratio	Lower	Upper
95	100		
97	60.3	44.4	82.4
132	81.7	62.9	116.9
130	94.6	65.0	120.8

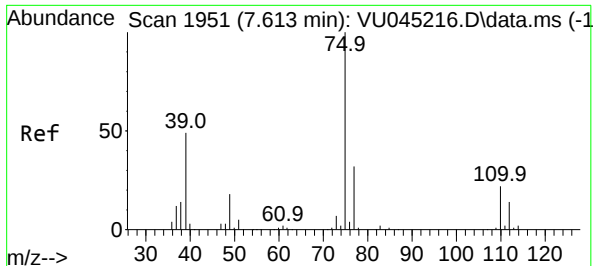


#37
1,2-Dichloropropane
Concen: 5.584 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045222.D
Acq: 07 Oct 2021 20:52

Tgt Ion: 63 Resp: 15465

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



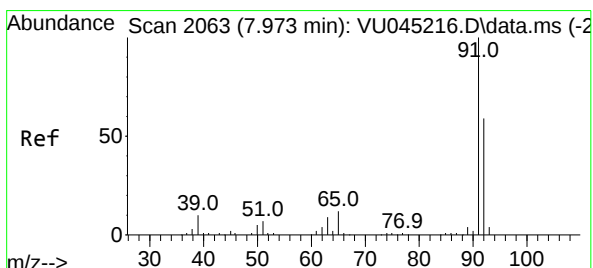
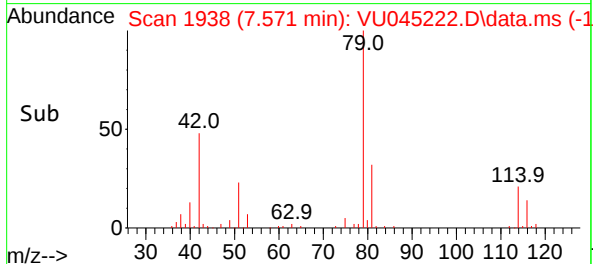
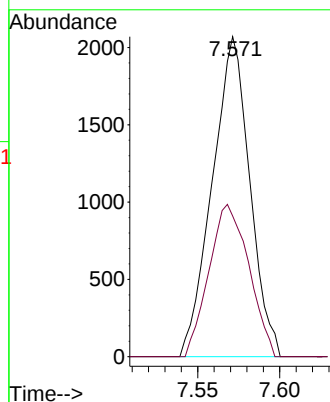
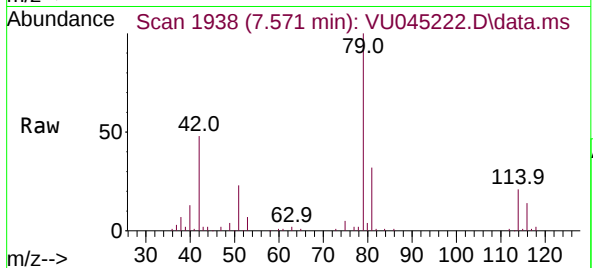


#39

cis-1,3-Dichloropropene
Concen: 0.830 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU045222.D
Acq: 07 Oct 2021 20:52

Instrument :
MSVOA_U
ClientSampled :

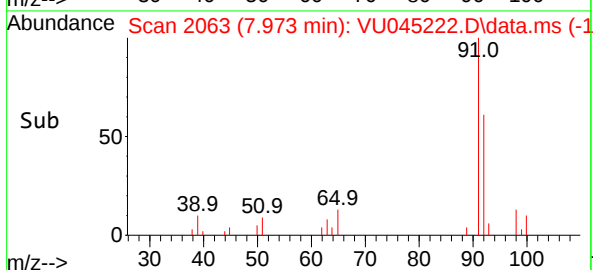
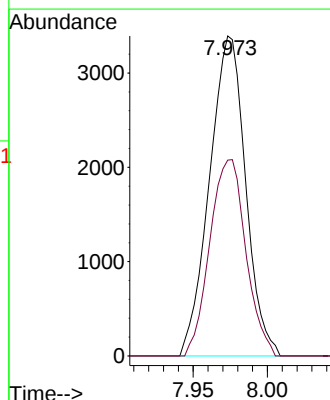
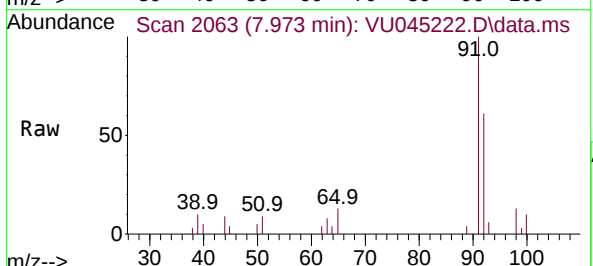
Tgt Ion: 75 Resp: 3288
Ion Ratio Lower Upper
75 100
77 44.0 22.4 41.6#

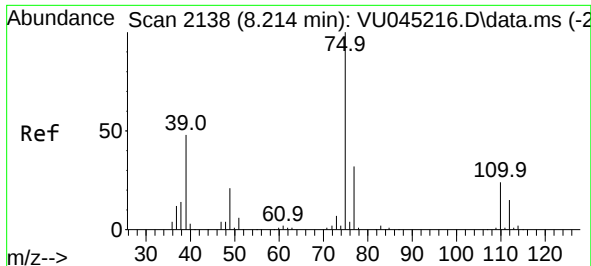


#42

Toluene
Concen: 0.555 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045222.D
Acq: 07 Oct 2021 20:52

Tgt Ion: 91 Resp: 5736
Ion Ratio Lower Upper
91 100
92 61.2 40.5 75.1

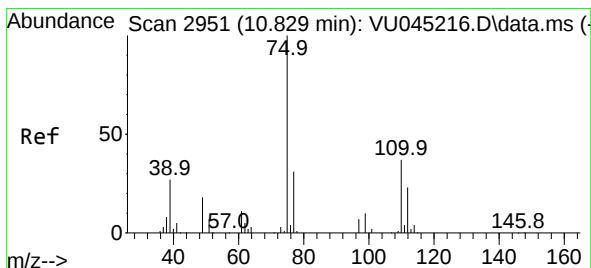
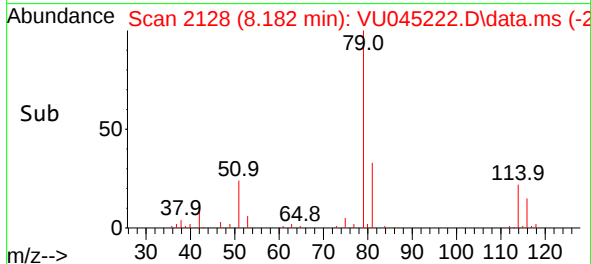
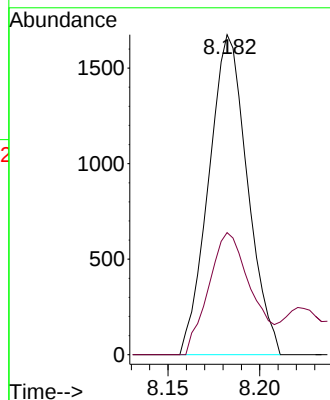
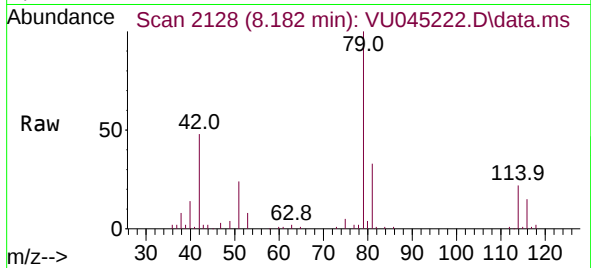




#44
trans-1,3-Dichloropropene
Concen: 0.653 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045222.D
Acq: 07 Oct 2021 20:52

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 2460
Ion Ratio Lower Upper
75 100
77 38.1 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 4.831 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU045222.D
Acq: 07 Oct 2021 20:52

Tgt Ion: 75 Resp: 15567
Ion Ratio Lower Upper
75 100
77 33.6 25.5 38.3
110 2.1 29.0 43.4#

