

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045128.D
 Acq On : 05 Oct 2021 04:24
 Operator : SY/MD
 Sample : M4025-05 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AM5

Quant Time: Oct 05 07:04:59 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)

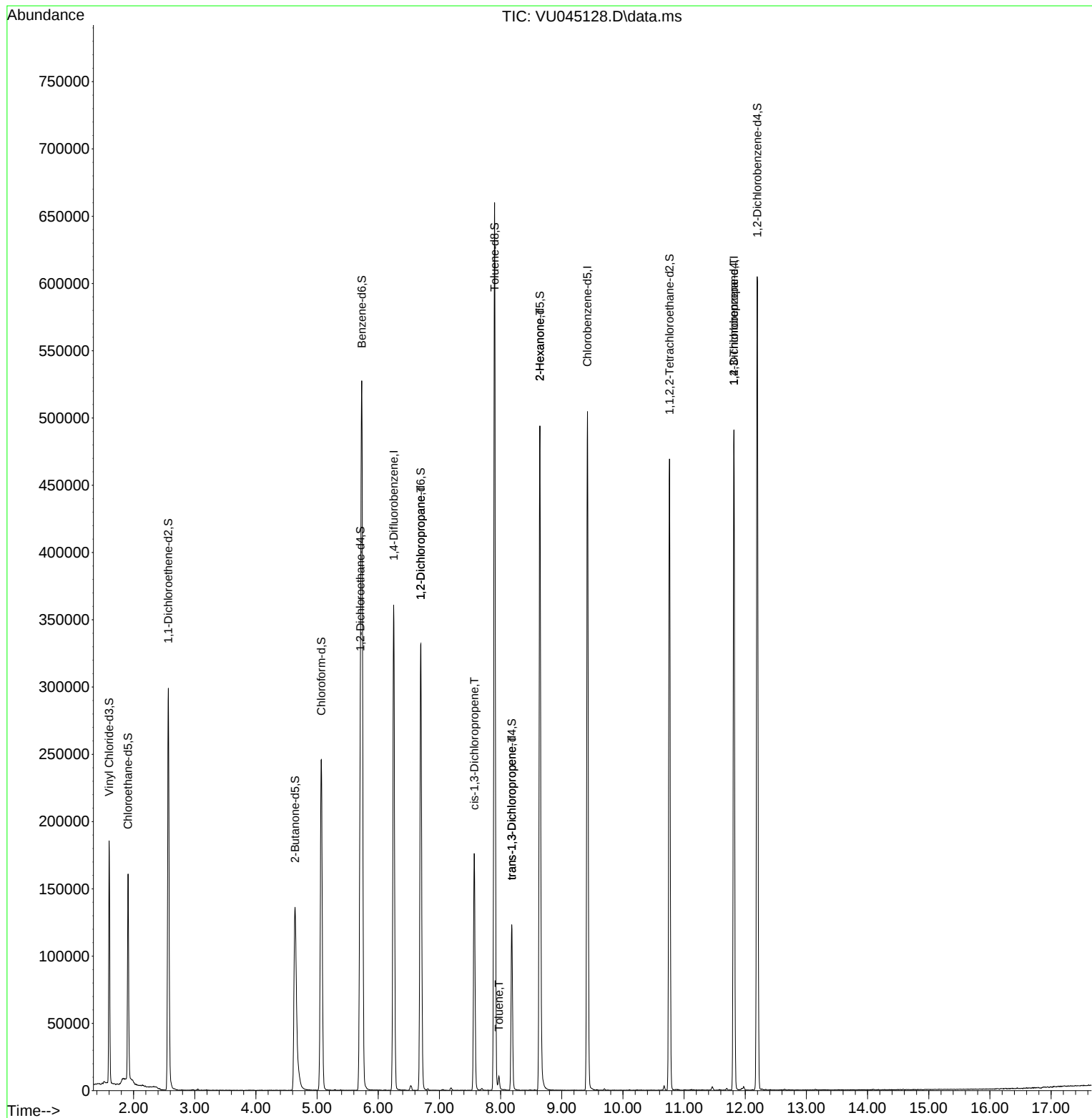
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	282221	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	265865	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	122052	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	128589	41.621	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.240%
7) Chloroethane-d5	1.909	69	111008	45.342	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.680%
11) 1,1-Dichloroethene-d2	2.568	63	180874	34.862	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.720%
21) 2-Butanone-d5	4.639	46	256219	104.901	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.900%
24) Chloroform-d	5.070	84	224670	46.043	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.080%
26) 1,2-Dichloroethane-d4	5.707	65	161048	48.726	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.460%
32) Benzene-d6	5.732	84	473773	51.355	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.720%
36) 1,2-Dichloropropane-d6	6.694	67	150258	49.951	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.900%
41) Toluene-d8	7.903	98	414711	52.090	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.180%
43) trans-1,3-Dichloroprop...	8.182	79	66569	49.749	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.500%
47) 2-Hexanone-d5	8.642	63	178882	107.308	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.310%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	229958	49.093	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.180%
66) 1,2-Dichlorobenzene-d4	12.198	152	145951	54.947	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.900%
Target Compounds						
					Qvalue	
37) 1,2-Dichloropropane	6.694	63	16973	6.322	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	4389	1.143	ug/L #	74
42) Toluene	7.973	91	6682	0.667	ug/L	100
44) trans-1,3-Dichloropropene	8.182	75	3165	0.866	ug/L	90
48) 2-Hexanone	8.642	43	20459	5.144	ug/L #	67
60) 1,2,3-Trichloropropane	11.816	75	16442	4.871	ug/L #	68

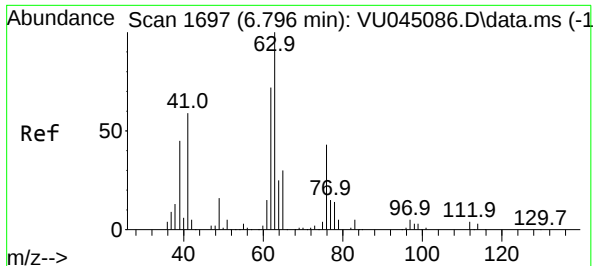
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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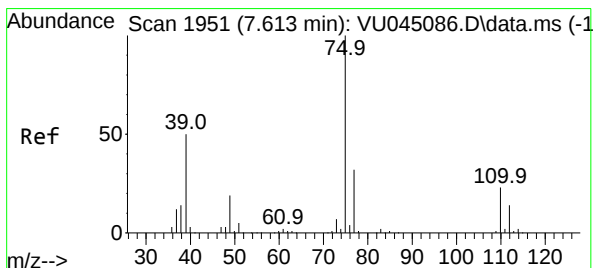
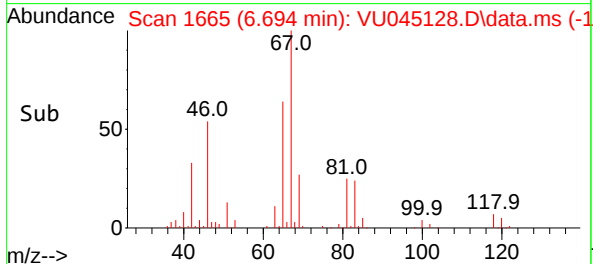
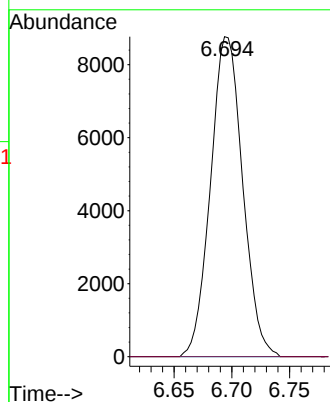
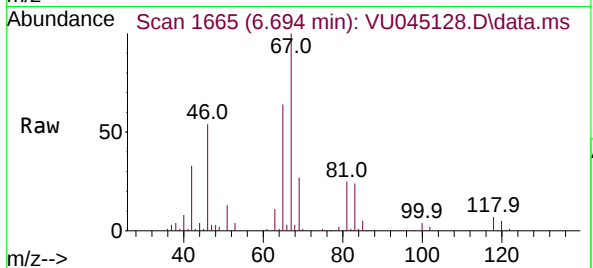


#37

1,2-Dichloropropane
Concen: 6.322 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045128.D
Acq: 05 Oct 2021 04:24

Instrument :
MSVOA_U
ClientSampled :
C0AM5

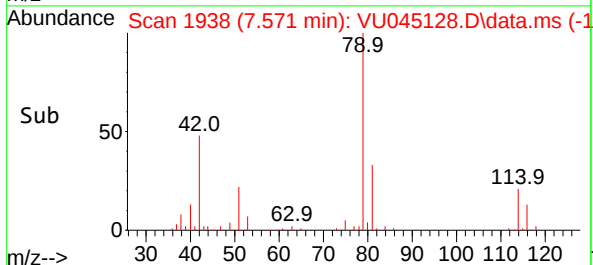
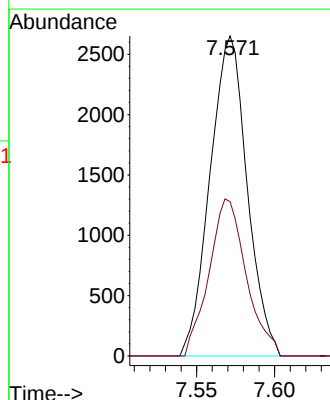
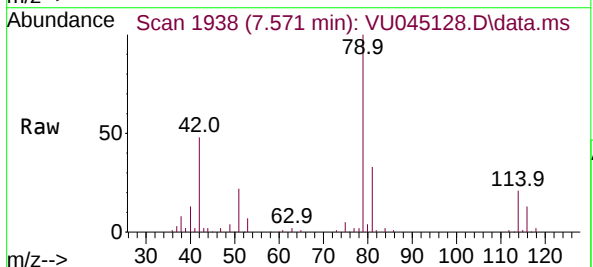
Tgt Ion: 63 Resp: 16973
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

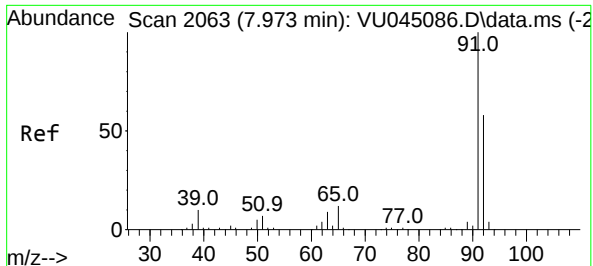


#39

cis-1,3-Dichloropropene
Concen: 1.143 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU045128.D
Acq: 05 Oct 2021 04:24

Tgt Ion: 75 Resp: 4389
Ion Ratio Lower Upper
75 100
77 46.3 22.4 41.6#

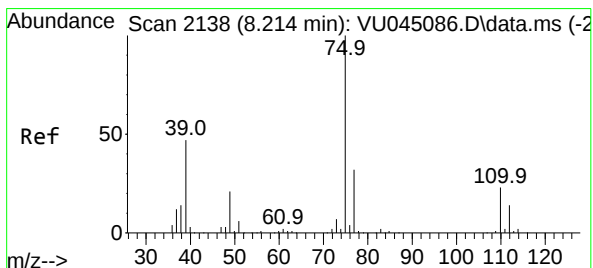
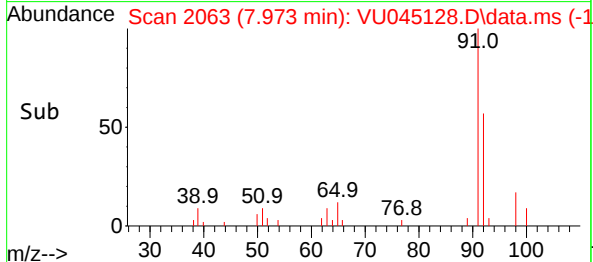
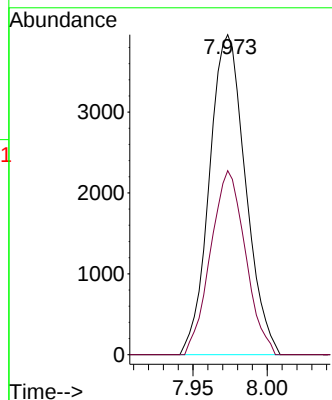
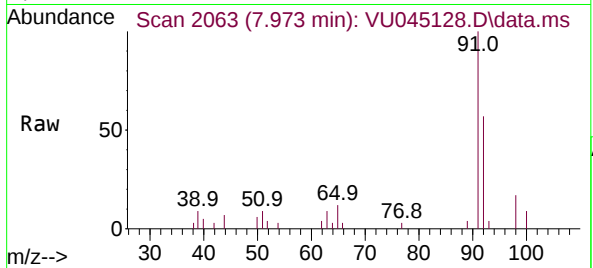




#42
Toluene
Concen: 0.667 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045128.D
Acq: 05 Oct 2021 04:24

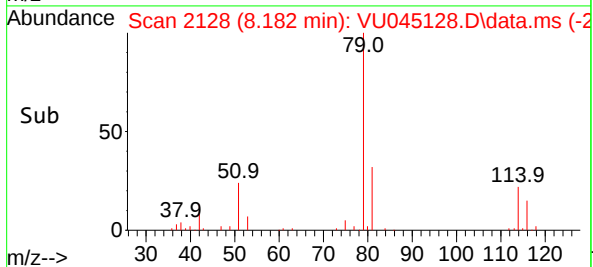
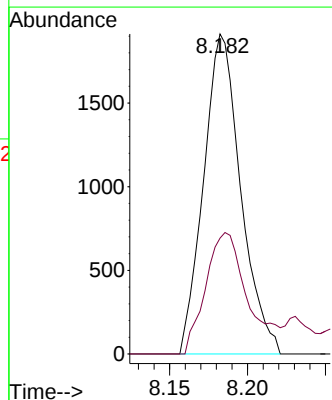
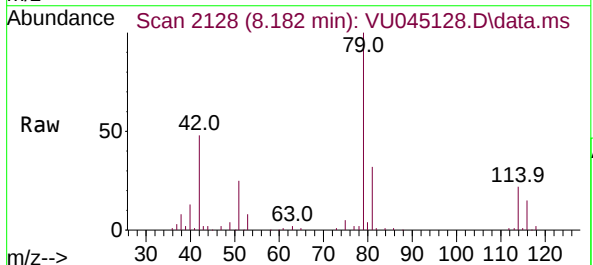
Instrument :
MSVOA_U
ClientSampled :
C0AM5

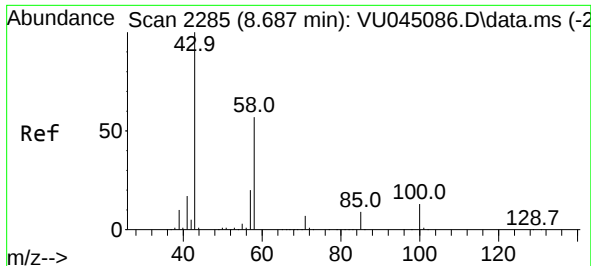
Tgt Ion: 91 Resp: 6682
Ion Ratio Lower Upper
91 100
92 57.5 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.866 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045128.D
Acq: 05 Oct 2021 04:24

Tgt Ion: 75 Resp: 3165
Ion Ratio Lower Upper
75 100
77 36.2 21.7 40.3

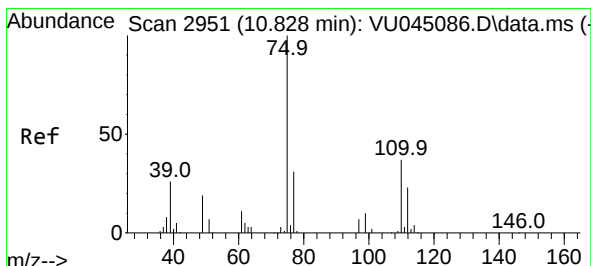
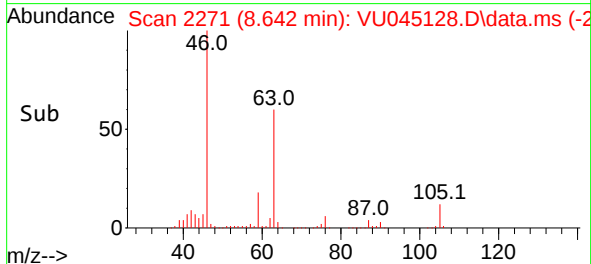
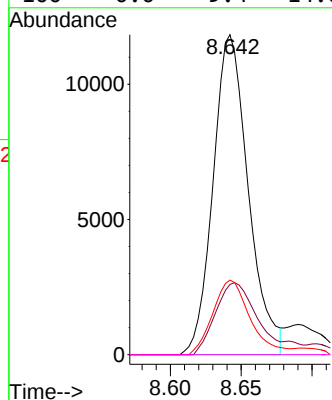
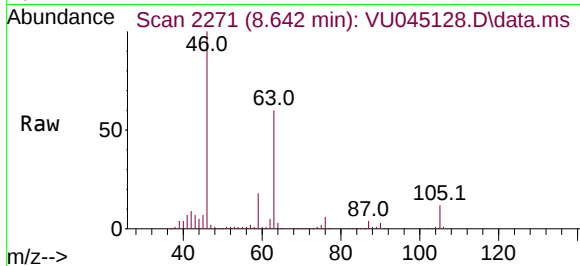




#48
2-Hexanone
Concen: 5.144 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.045 min
Lab File: VU045128.D
Acq: 05 Oct 2021 04:24

Instrument :
MSVOA_U
ClientSampled :
C0AM5

Tgt Ion:	43	Resp:	20459
Ion	Ratio	Lower	Upper
43	100		
58	26.1	44.9	67.3#
57	24.7	15.5	23.3#
100	0.0	9.4	14.0#



#60
1,2,3-Trichloropropane
Concen: 4.871 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU045128.D
Acq: 05 Oct 2021 04:24

Tgt Ion:	75	Resp:	16442
Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.5	38.3
110	2.0	29.0	43.4#

