

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045121.D
 Acq On : 05 Oct 2021 01:41
 Operator : SY/MD
 Sample : M4023-14 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK3

Quant Time: Oct 05 07:03:41 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)

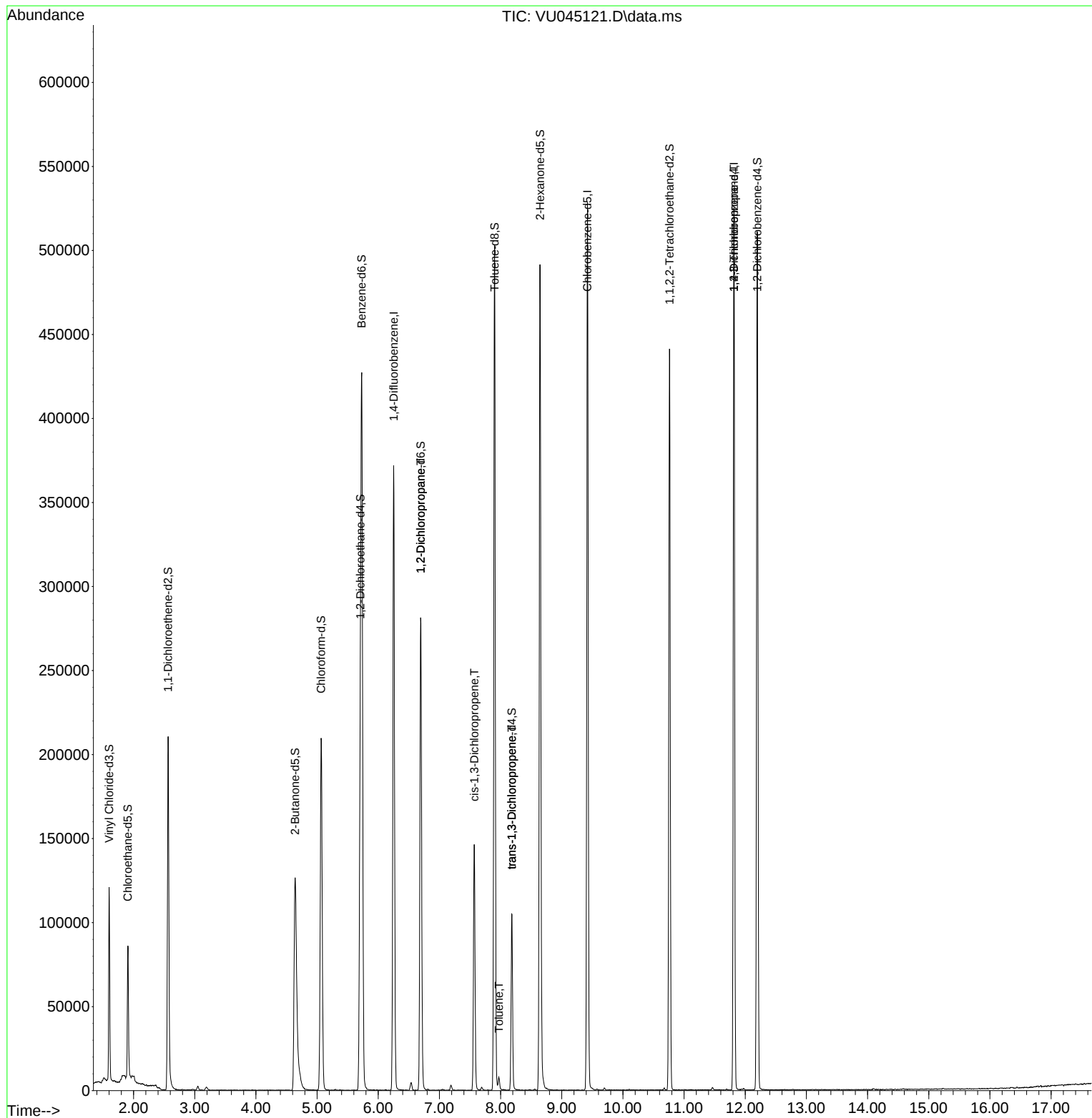
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	291001	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	274884	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	127534	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	82501	25.898	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	51.800%#
7) Chloroethane-d5	1.906	69	57224	22.669	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.340%#
11) 1,1-Dichloroethene-d2	2.565	63	127802	23.889	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.780%#
21) 2-Butanone-d5	4.639	46	249359	99.012	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.010%
24) Chloroform-d	5.067	84	190825	37.927	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.860%
26) 1,2-Dichloroethane-d4	5.706	65	139401	40.904	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.800%
32) Benzene-d6	5.729	84	377833	39.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.220%
36) 1,2-Dichloropropane-d6	6.694	67	126548	40.689	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.380%
41) Toluene-d8	7.903	98	321019	38.999	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.000%#
43) trans-1,3-Dichloroprop...	8.182	79	56299	40.694	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.380%
47) 2-Hexanone-d5	8.645	63	184920	107.290	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.290%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	219135	45.247	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.500%
66) 1,2-Dichlorobenzene-d4	12.198	152	128339	46.240	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.480%
Target Compounds						
					Qvalue	
37) 1,2-Dichloropropane	6.694	63	15185	5.470	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3502	0.882	ug/L #	65
42) Toluene	7.973	91	5085	0.491	ug/L	100
44) trans-1,3-Dichloropropene	8.182	75	2473	0.655	ug/L	98
60) 1,2,3-Trichloropropane	11.816	75	16925	4.798	ug/L #	67

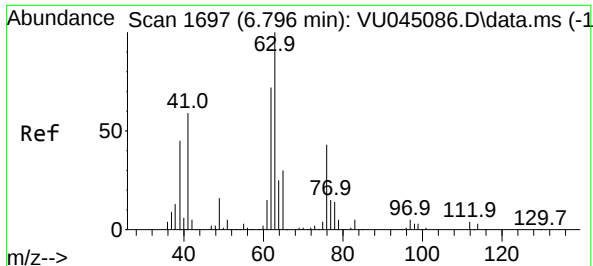
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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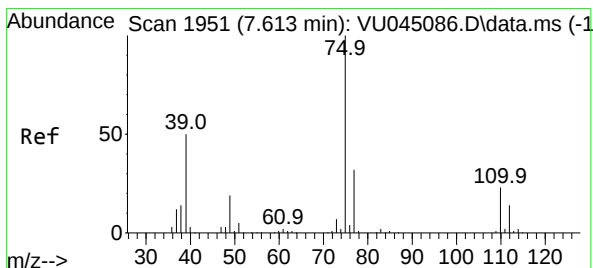
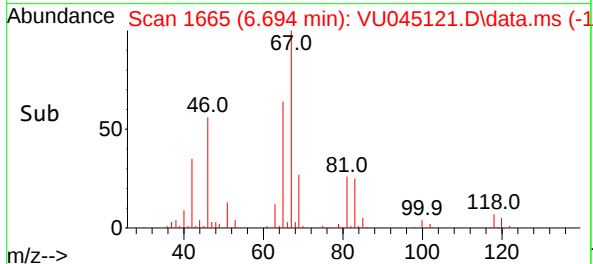
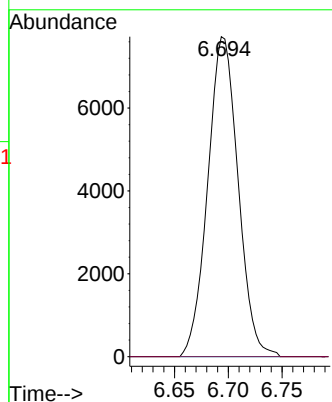
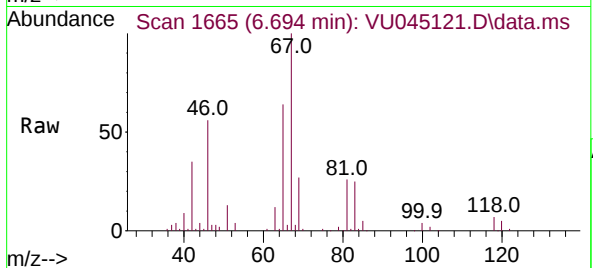


#37

1,2-Dichloropropane
Concen: 5.470 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045121.D
Acq: 05 Oct 2021 01:41

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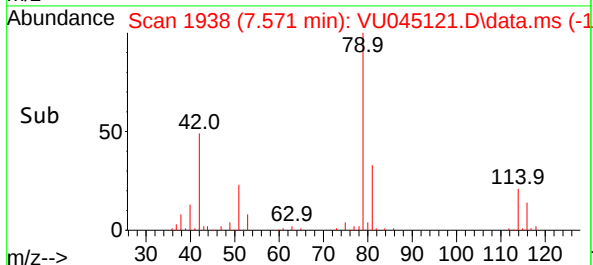
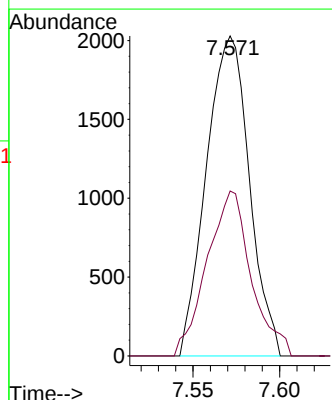
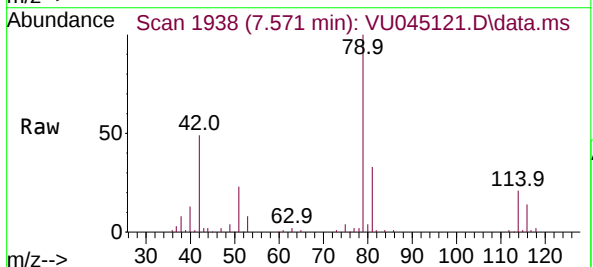
Tgt Ion: 63 Resp: 15185
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

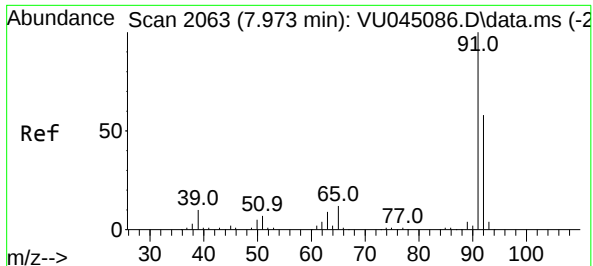


#39

cis-1,3-Dichloropropene
Concen: 0.882 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU045121.D
Acq: 05 Oct 2021 01:41

Tgt Ion: 75 Resp: 3502
Ion Ratio Lower Upper
75 100
77 51.6 22.4 41.6#

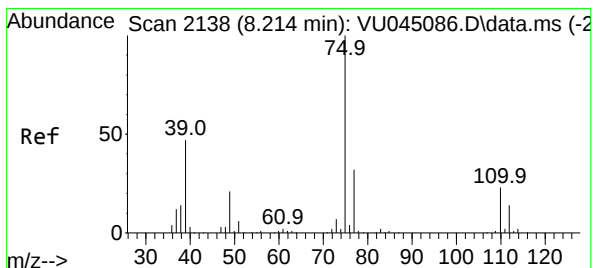
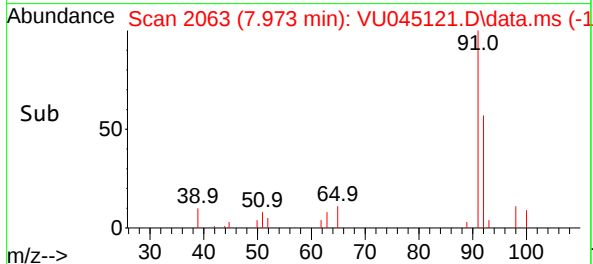
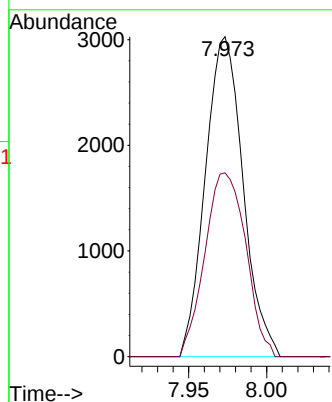
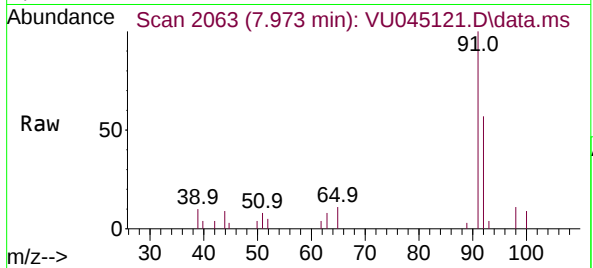




#42
Toluene
Concen: 0.491 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045121.D
Acq: 05 Oct 2021 01:41

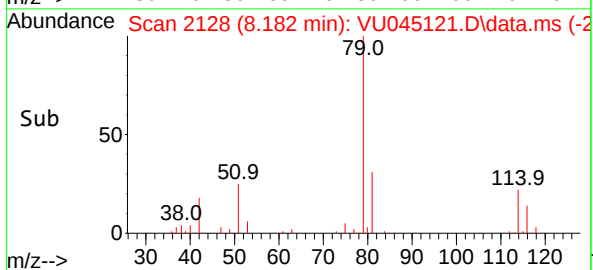
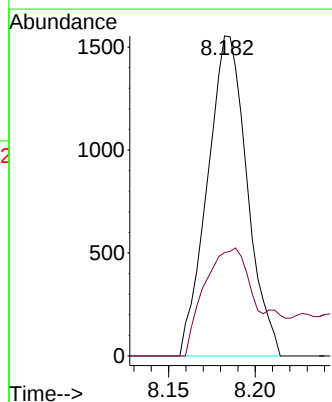
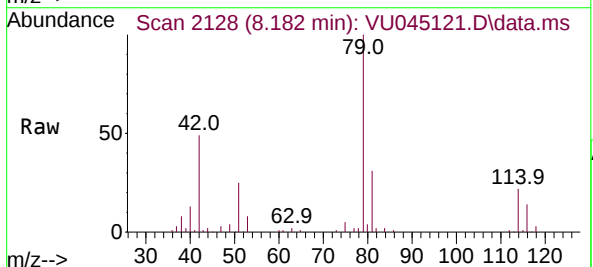
Instrument :
MSVOA_U
ClientSampleId :
C0AK3

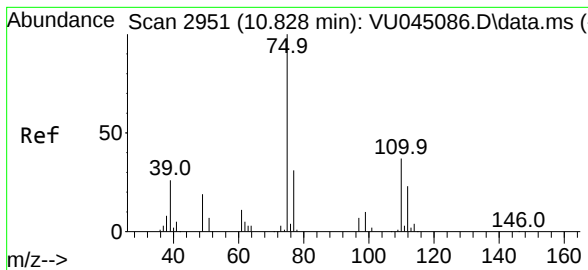
Tgt Ion: 91 Resp: 5085
Ion Ratio Lower Upper
91 100
92 57.5 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.655 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045121.D
Acq: 05 Oct 2021 01:41

Tgt Ion: 75 Resp: 2473
Ion Ratio Lower Upper
75 100
77 32.3 21.7 40.3





#60
 1,2,3-Trichloropropane
 Concen: 4.798 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU045121.D
 Acq: 05 Oct 2021 01:41

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK3

Tgt Ion:	75	Resp:	16925
Ion	Ratio	Lower	Upper
75	100		
77	35.4	25.5	38.3
110	2.4	29.0	43.4#

