

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045123.D
 Acq On : 05 Oct 2021 02:27
 Operator : SY/MD
 Sample : M4023-20 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK9

Quant Time: Oct 05 07:04:02 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)

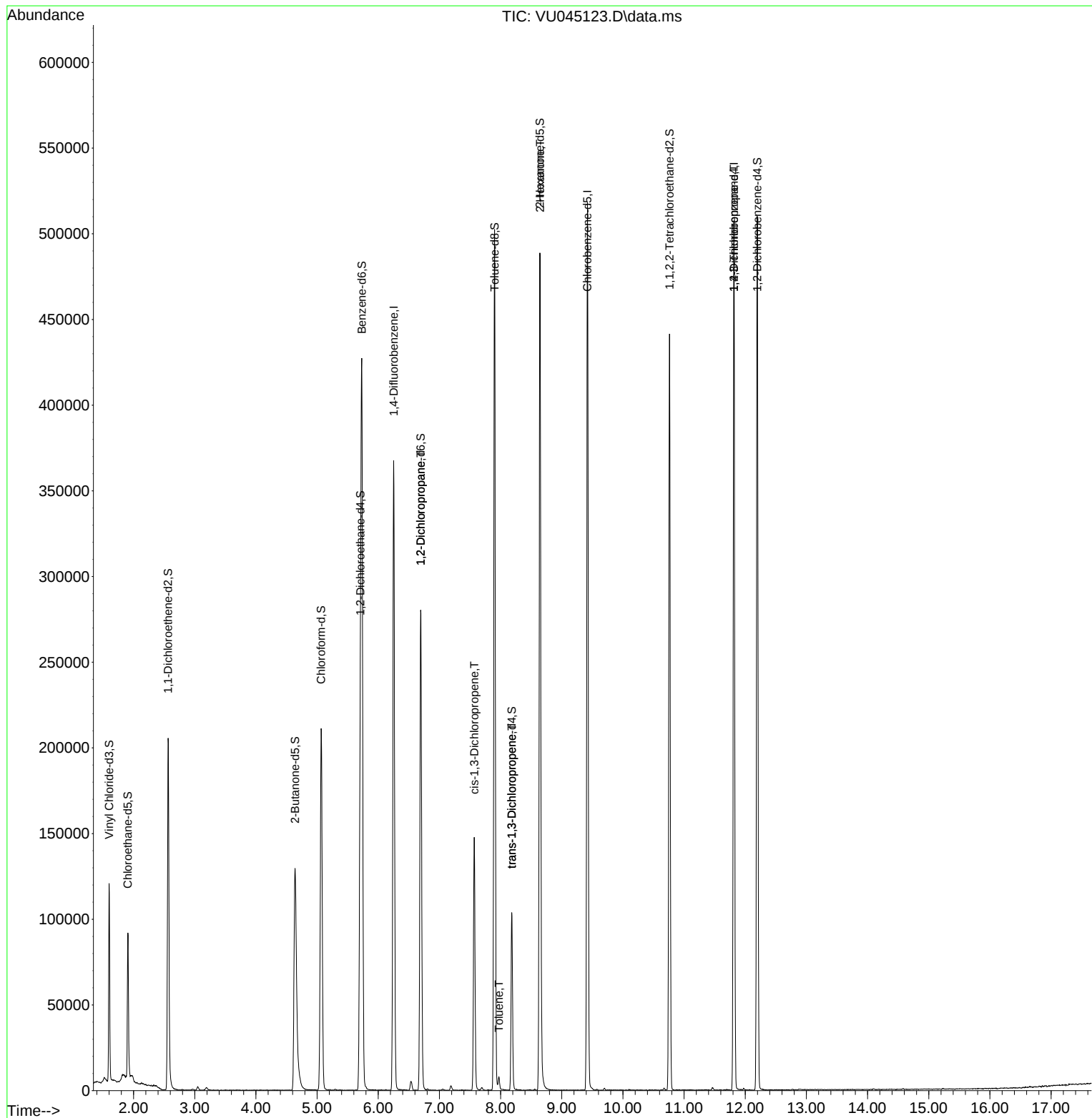
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	288366	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	272566	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	125832	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	81370	25.776	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	51.560%#
7) Chloroethane-d5	1.906	69	61189	24.461	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	48.920%#
11) 1,1-Dichloroethene-d2	2.565	63	124761	23.534	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.060%#
21) 2-Butanone-d5	4.639	46	242887	97.324	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.320%
24) Chloroform-d	5.067	84	191916	38.493	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.980%
26) 1,2-Dichloroethane-d4	5.706	65	139869	41.416	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.840%
32) Benzene-d6	5.732	84	376030	39.758	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.520%
36) 1,2-Dichloropropane-d6	6.693	67	127002	41.182	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.360%
41) Toluene-d8	7.902	98	320166	39.226	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.460%#
43) trans-1,3-Dichloroprop...	8.182	79	55843	40.707	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.420%
47) 2-Hexanone-d5	8.642	63	180530	105.634	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.630%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	215488	44.872	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.740%
66) 1,2-Dichlorobenzene-d4	12.198	152	123605	45.137	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.280%
Target Compounds						
					Qvalue	
37) 1,2-Dichloropropane	6.693	63	14579	5.297	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3692	0.937	ug/L #	66
42) Toluene	7.973	91	5461	0.532	ug/L	99
44) trans-1,3-Dichloropropene	8.182	75	2569	0.686	ug/L #	82
48) 2-Hexanone	8.645	43	20914	5.129	ug/L #	67
60) 1,2,3-Trichloropropane	11.815	75	16456	4.728	ug/L #	67

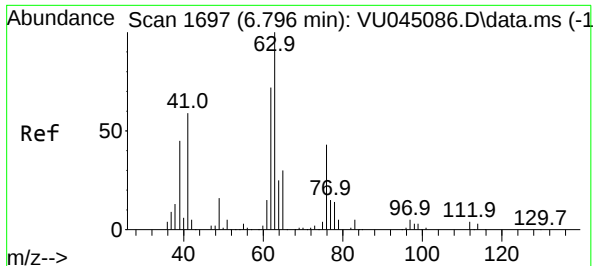
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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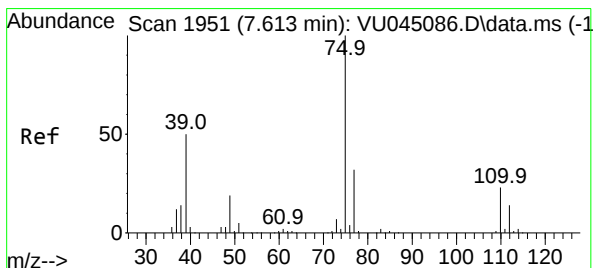
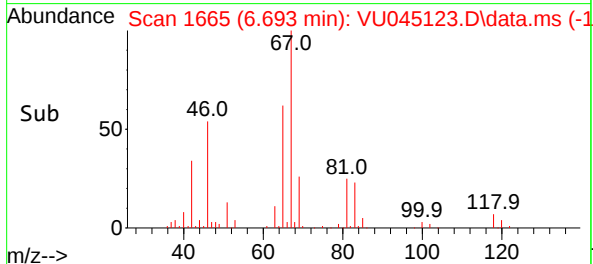
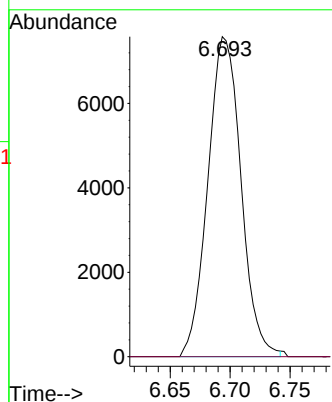
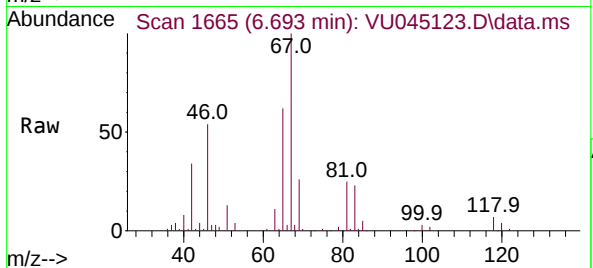


#37

1,2-Dichloropropane
Concen: 5.297 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045123.D
Acq: 05 Oct 2021 02:27

Instrument :
MSVOA_U
ClientSampleId :
C0AK9

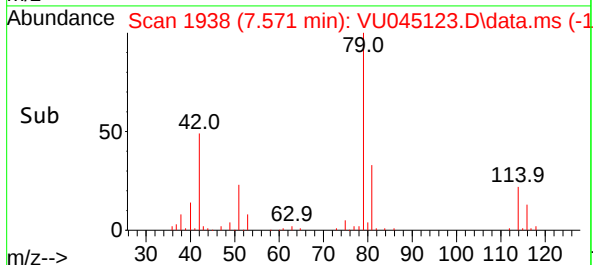
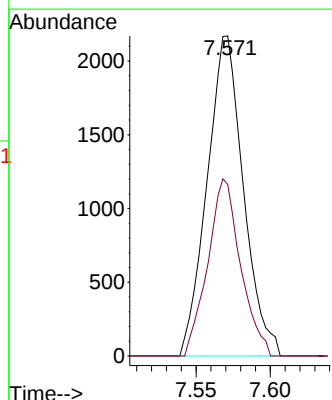
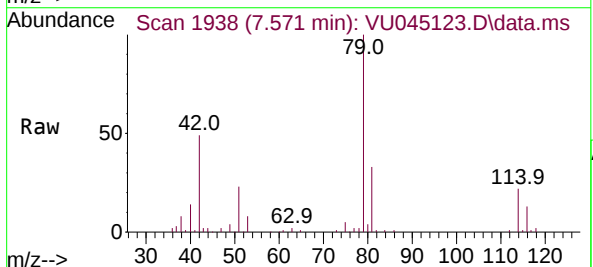
Tgt Ion: 63 Resp: 14579
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

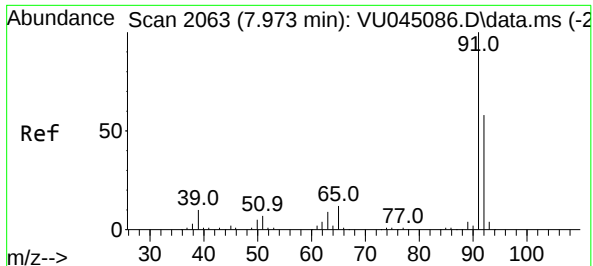


#39

cis-1,3-Dichloropropene
Concen: 0.937 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU045123.D
Acq: 05 Oct 2021 02:27

Tgt Ion: 75 Resp: 3692
Ion Ratio Lower Upper
75 100
77 51.1 22.4 41.6#

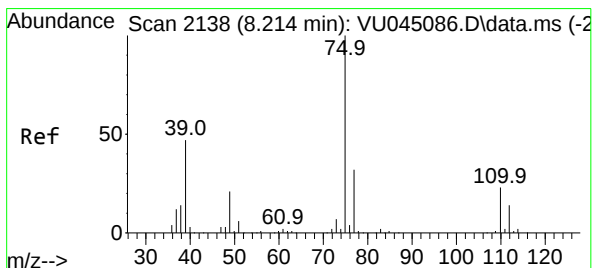
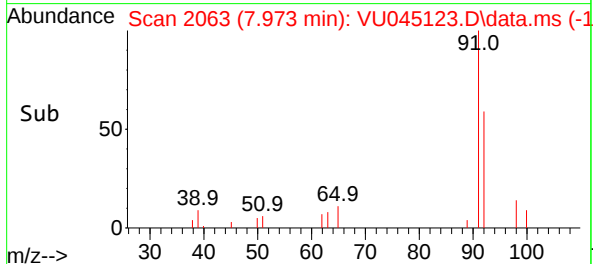
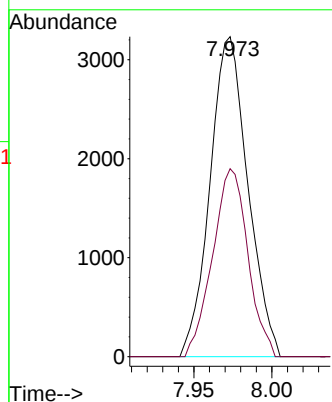
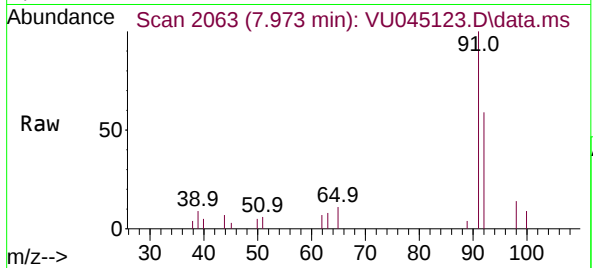




#42
Toluene
Concen: 0.532 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045123.D
Acq: 05 Oct 2021 02:27

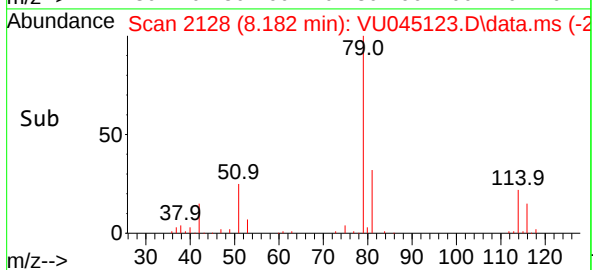
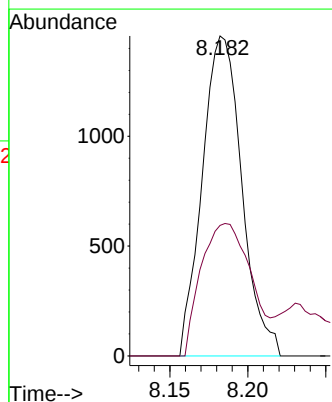
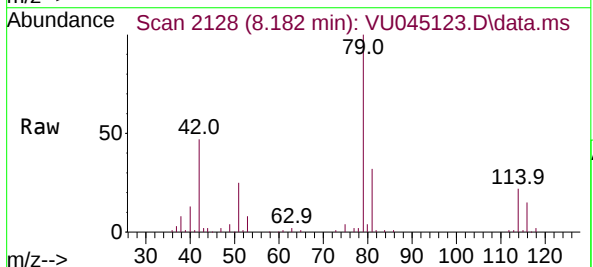
Instrument :
MSVOA_U
ClientSampled :
C0AK9

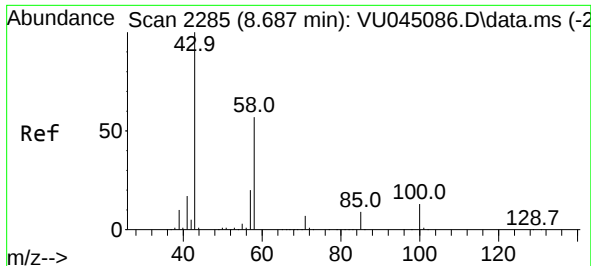
Tgt Ion: 91 Resp: 5461
Ion Ratio Lower Upper
91 100
92 58.7 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.686 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045123.D
Acq: 05 Oct 2021 02:27

Tgt Ion: 75 Resp: 2569
Ion Ratio Lower Upper
75 100
77 40.8 21.7 40.3#

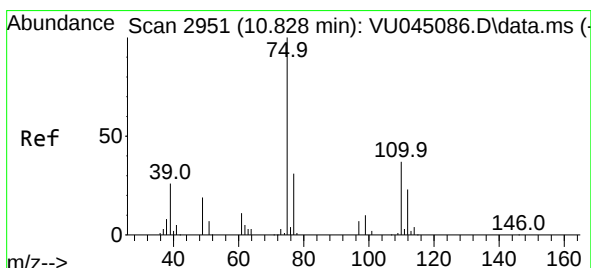
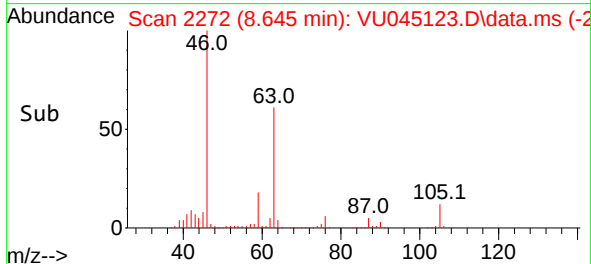
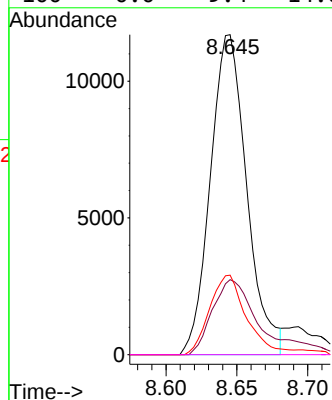
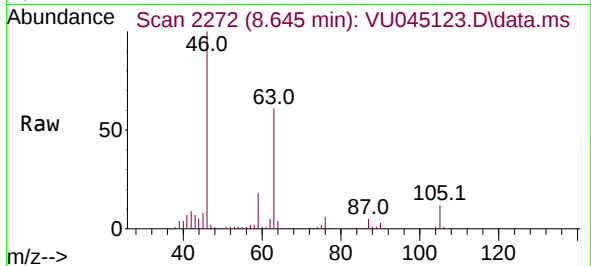




#48
2-Hexanone
Concen: 5.129 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.042 min
Lab File: VU045123.D
Acq: 05 Oct 2021 02:27

Instrument :
MSVOA_U
ClientSampled :
C0AK9

Tgt Ion:	43	Resp:	20914
Ion	Ratio	Lower	Upper
43	100		
58	26.7	44.9	67.3#
57	25.3	15.5	23.3#
100	0.0	9.4	14.0#



#60
1,2,3-Trichloropropane
Concen: 4.728 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU045123.D
Acq: 05 Oct 2021 02:27

Tgt Ion:	75	Resp:	16456
Ion	Ratio	Lower	Upper
75	100		
77	34.6	25.5	38.3
110	2.3	29.0	43.4#

