

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047921.D
 Acq On : 11 Apr 2022 21:28
 Operator : SY/MD
 Sample : N2293-03
 Misc : 6.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 05:05:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 04:48:51 2022
 Response via : Initial Calibration

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

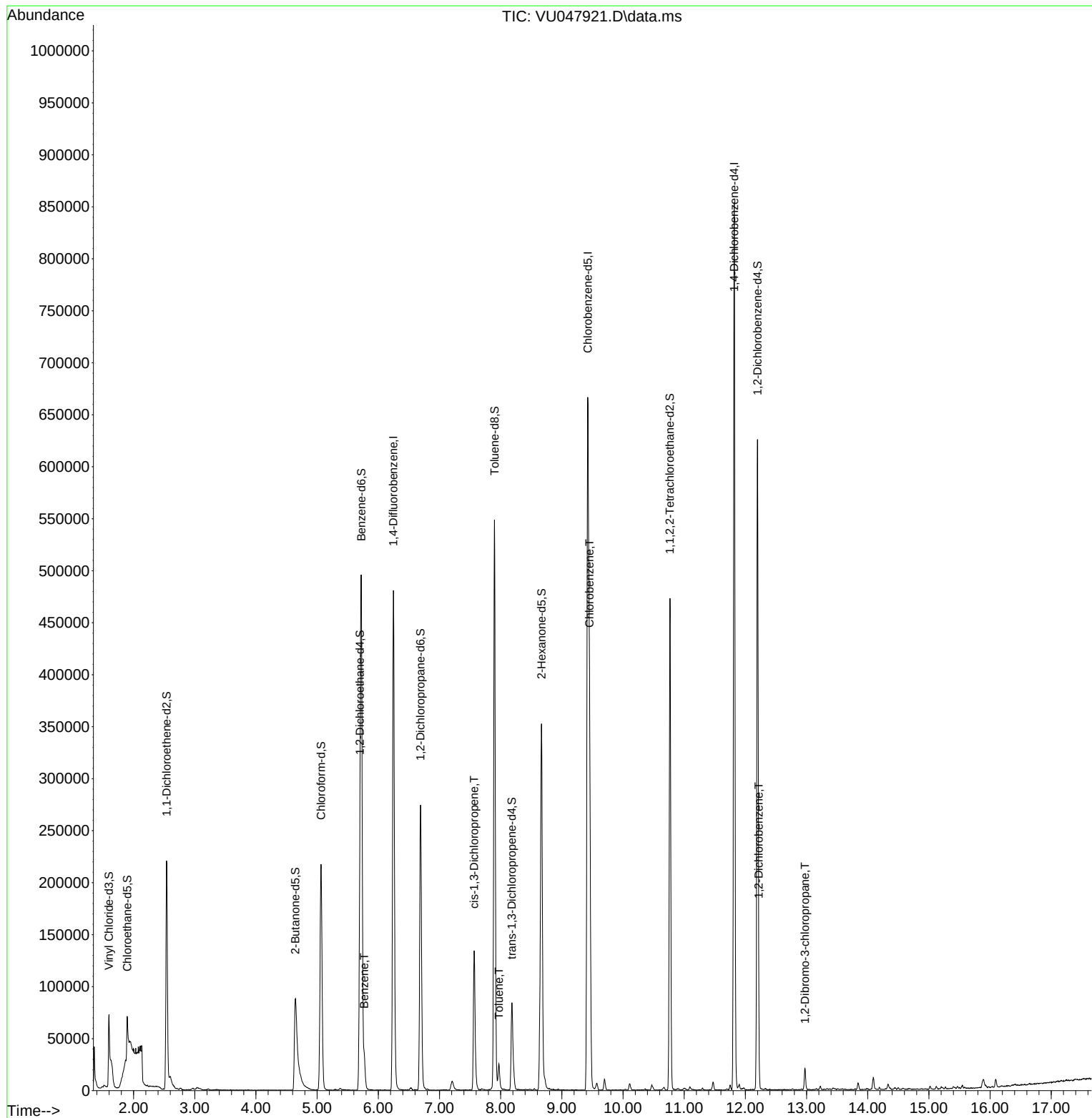
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	435991	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	458160	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	241720	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67748	21.428	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	42.860%#	
7) Chloroethane-d5	1.896	69	40260	16.149	ug/L	-0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	=	32.300%#	
11) 1,1-Dichloroethene-d2	2.540	63	144549	24.989	ug/L	-0.03
Spiked Amount	50.000	Range 60 - 125	Recovery	=	49.980%#	
21) 2-Butanone-d5	4.646	46	209040	77.031	ug/L	0.03
Spiked Amount	100.000	Range 40 - 130	Recovery	=	77.030%	
24) Chloroform-d	5.064	84	216486	37.422	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	74.840%	
26) 1,2-Dichloroethane-d4	5.700	65	143838	40.540	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	81.080%	
32) Benzene-d6	5.723	84	432883	37.549	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	75.100%	
36) 1,2-Dichloropropane-d6	6.690	67	142631	40.285	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	80.580%	
41) Toluene-d8	7.899	98	384226	34.207	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	68.420%#	
43) trans-1,3-Dichloroprop...	8.182	79	59734	33.302	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	66.600%	
47) 2-Hexanone-d5	8.668	63	154155	74.376	ug/L	0.04
Spiked Amount	100.000	Range 45 - 130	Recovery	=	74.380%	
56) 1,1,2,2-Tetrachloroeth...	10.767	84	230792	37.983	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	75.960%	
66) 1,2-Dichlorobenzene-d4	12.198	152	174417	40.558	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	81.120%	
Target Compounds						
					Qvalue	
33) Benzene	5.771	78	29186	2.201	ug/L	100
39) cis-1,3-Dichloropropene	7.565	75	3678	0.703	ug/L #	69
42) Toluene	7.970	91	18355	1.261	ug/L	95
51) Chlorobenzene	9.452	112	212693	21.528	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	7014	0.965	ug/L #	92
68) 1,2-Dibromo-3-chloropr...	12.973	75	3482	2.385	ug/L #	1

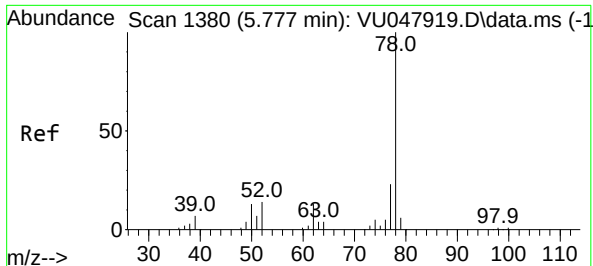
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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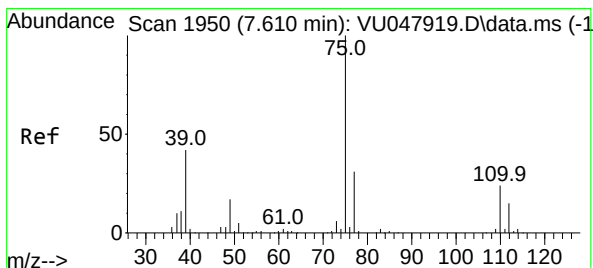
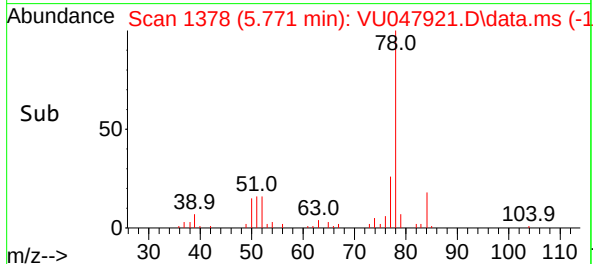
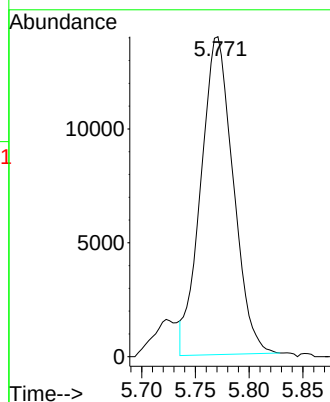
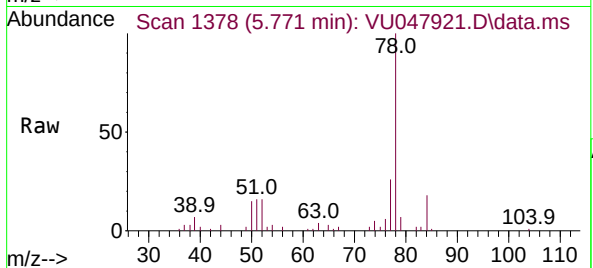




#33
Benzene
Concen: 2.201 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU047921.D
Acq: 11 Apr 2022 21:28

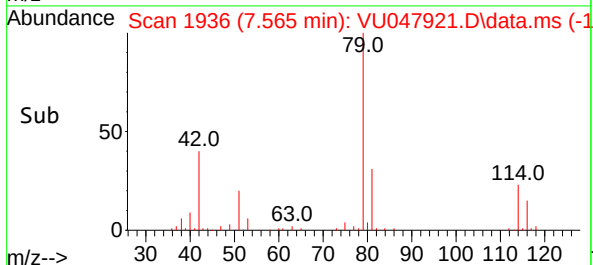
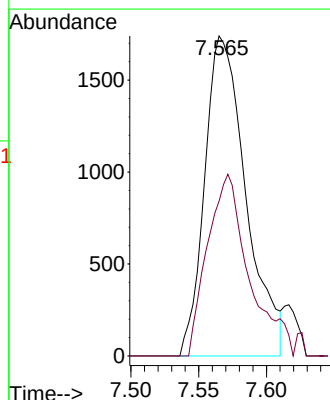
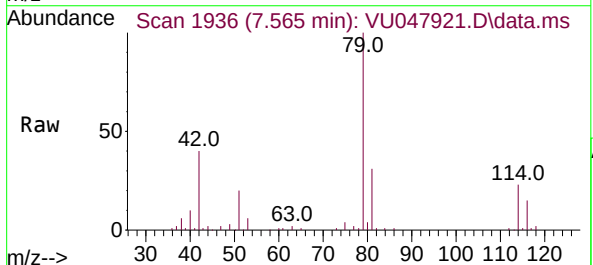
Instrument :
MSVOA_U
ClientSampleId :

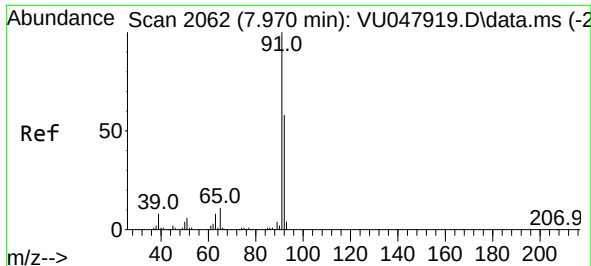
Tgt Ion: 78 Resp: 29186



#39
cis-1,3-Dichloropropene
Concen: 0.703 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.045 min
Lab File: VU047921.D
Acq: 11 Apr 2022 21:28

Tgt Ion: 75 Resp: 3678
Ion Ratio Lower Upper
75 100
77 48.4 21.8 40.6#





#42

Toluene

Concen: 1.261 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047921.D

Acq: 11 Apr 2022 21:28

Instrument :

MSVOA_U

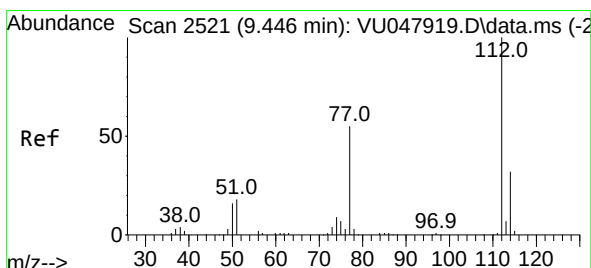
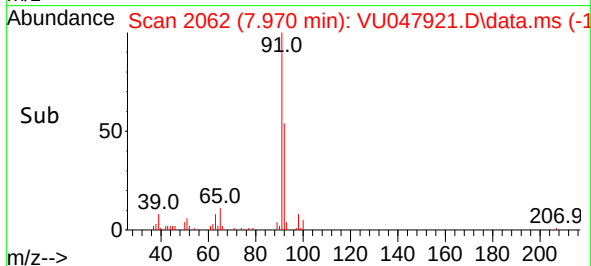
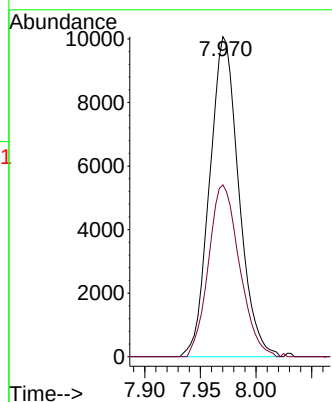
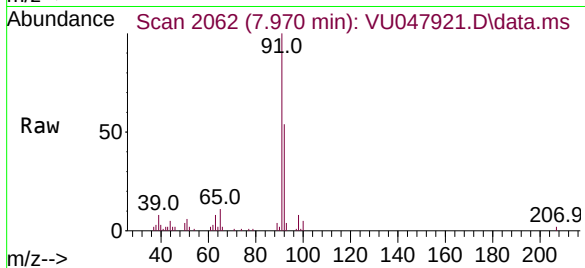
ClientSampleId :

Tgt Ion: 91 Resp: 18355

Ion Ratio Lower Upper

91 100

92 53.7 40.4 75.0



#51

Chlorobenzene

Concen: 21.528 ug/L

RT: 9.452 min Scan# 2523

Delta R.T. 0.007 min

Lab File: VU047921.D

Acq: 11 Apr 2022 21:28

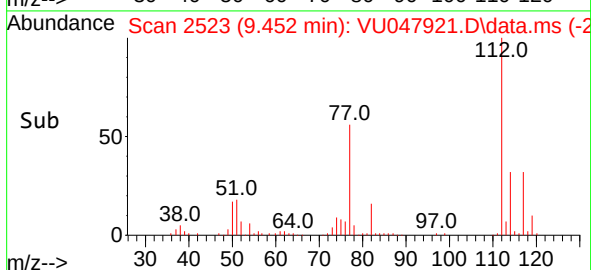
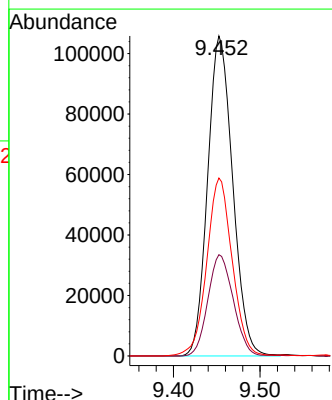
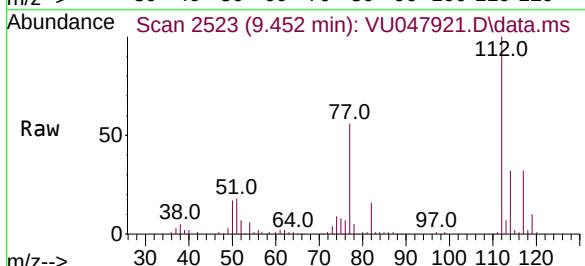
Tgt Ion: 112 Resp: 212693

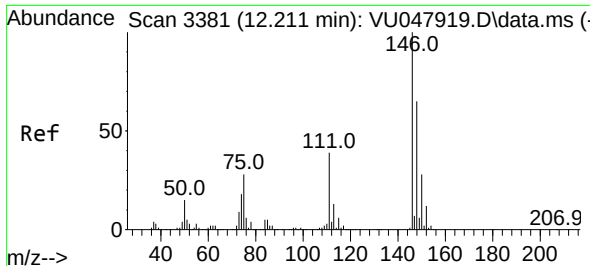
Ion Ratio Lower Upper

112 100

114 31.6 22.1 41.1

77 55.6 43.4 65.0





#67

1,2-Dichlorobenzene

Concen: 0.965 ug/L

RT: 12.218 min Scan# 31

Delta R.T. 0.007 min

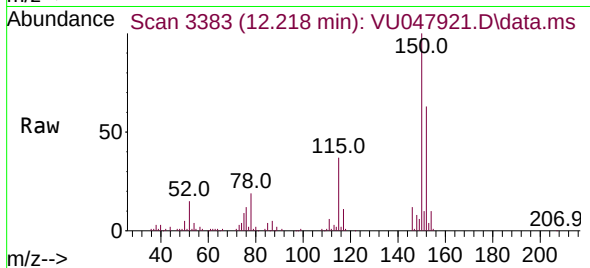
Lab File: VU047921.D

Acq: 11 Apr 2022 21:28

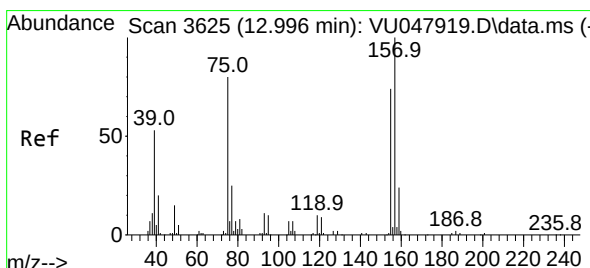
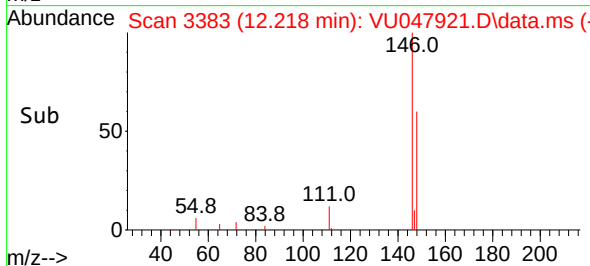
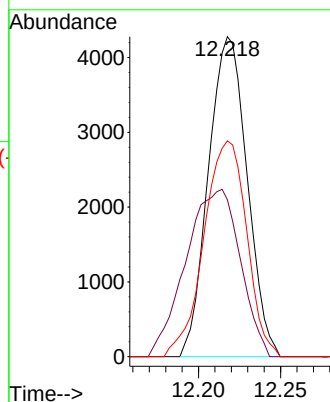
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	146	Resp:	7014
Ion Ratio	Lower	Upper	
146	100		
111	49.1	31.7	47.5#
148	67.4	51.4	77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 2.385 ug/L

RT: 12.973 min Scan# 3618

Delta R.T. -0.022 min

Lab File: VU047921.D

Acq: 11 Apr 2022 21:28

Tgt Ion:	75	Resp:	3482
Ion Ratio	Lower	Upper	
75	100		
155	0.0	78.9	118.3#
157	0.0	97.5	146.3#

