

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050823\
 Data File : VU054107.D
 Acq On : 09 May 2023 02:13
 Operator : JC/MD
 Sample : 02663-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 09 06:13:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 06 01:14:00 2023
 Response via : Initial Calibration

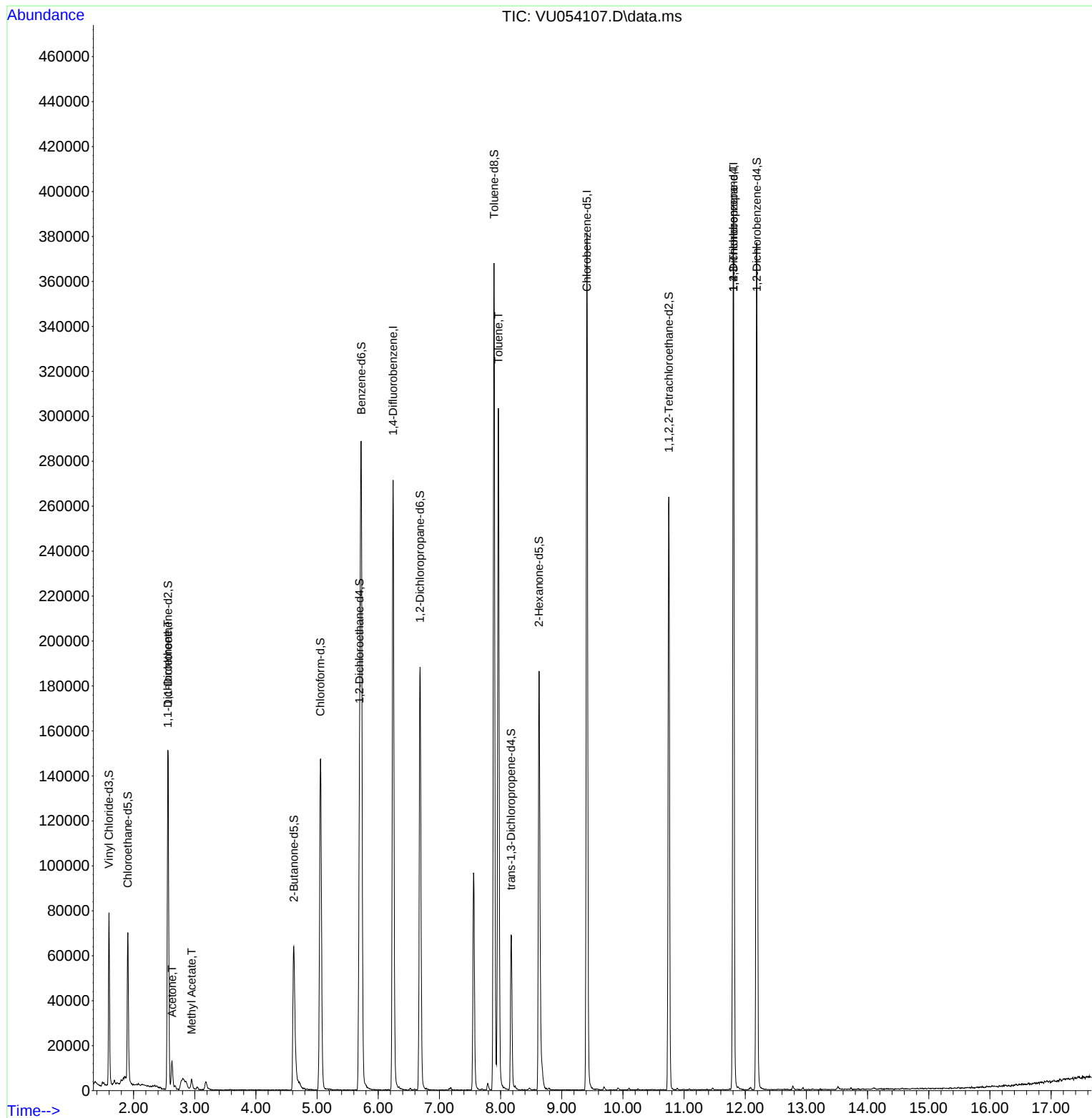
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	224647	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.410	117	217850	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	109232	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	59283	34.892	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	69.780%	
7) Chloroethane-d5	1.906	69	53271	47.765	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	95.520%	
11) 1,1-Dichloroethene-d2	2.562	63	91463	30.351	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	60.700%	
21) 2-Butanone-d5	4.620	46	95211	98.255	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	98.260%	
24) Chloroform-d	5.054	84	142020	45.513	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.020%	
26) 1,2-Dichloroethane-d4	5.694	65	94753	47.293	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.580%	
32) Benzene-d6	5.723	84	272686	42.525	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.040%	
36) 1,2-Dichloropropane-d6	6.684	67	90341	44.627	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	89.260%	
41) Toluene-d8	7.893	98	244800	42.285	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	84.560%	
43) trans-1,3-Dichloroprop...	8.173	79	41708	41.633	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	83.260%	
47) 2-Hexanone-d5	8.629	63	63987	88.250	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	88.250%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	128143	48.057	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	96.120%	
66) 1,2-Dichlorobenzene-d4	12.189	152	103884	48.683	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	97.360%	
Target Compounds						
12) 1,1-Dichloroethene	2.559	96	739	0.567	ug/L #	1
13) Acetone	2.629	43	15455	16.249	ug/L	97
15) Methyl Acetate	2.948	43	4392	2.949	ug/L	100
42) Toluene	7.964	91	220079	33.339	ug/L	100
60) 1,2,3-Trichloropropane	11.806	75	12558	6.189	ug/L #	66

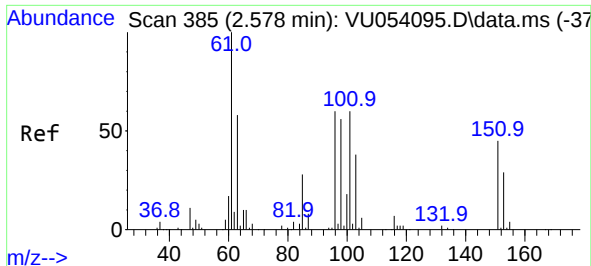
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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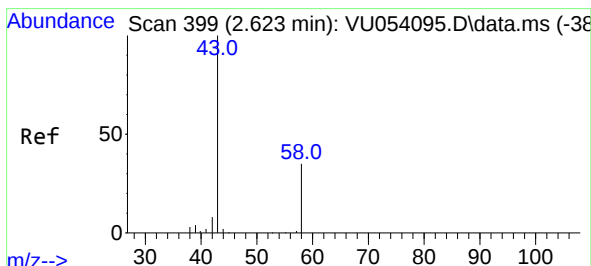
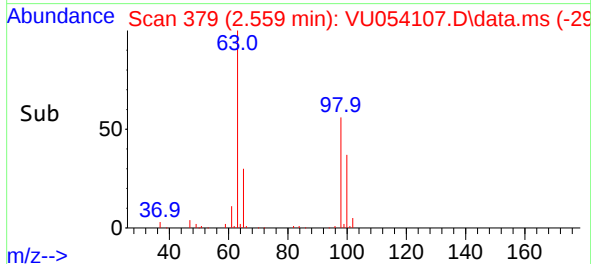
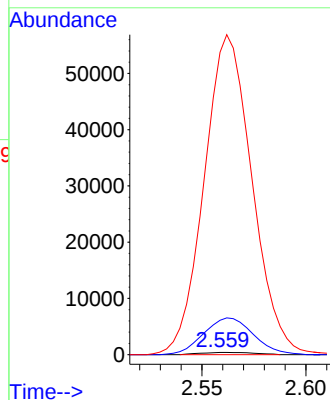
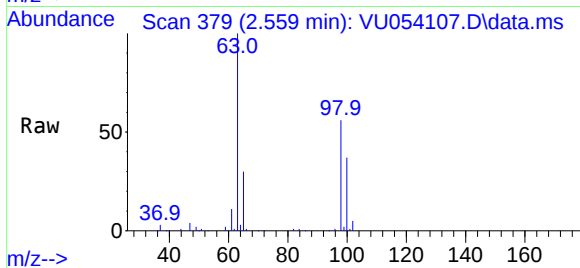




#12
1,1-Dichloroethene
Concen: 0.567 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.019 min
Lab File: VU054107.D
Acq: 09 May 2023 02:13

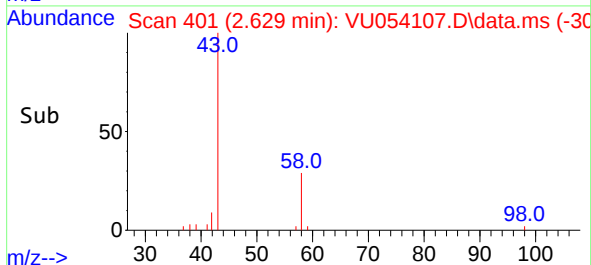
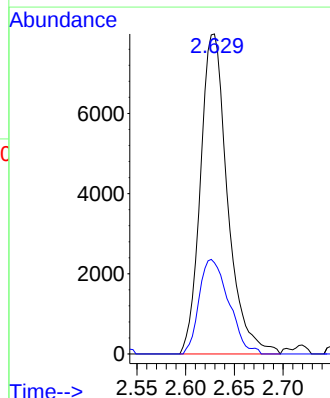
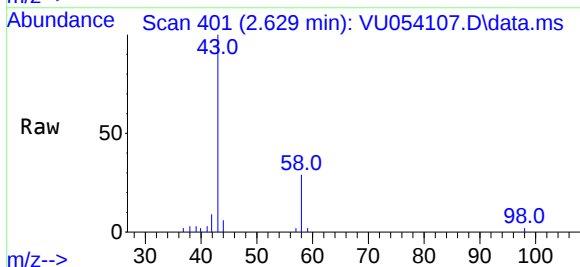
Instrument :
MSVOA_U
ClientSampleId :

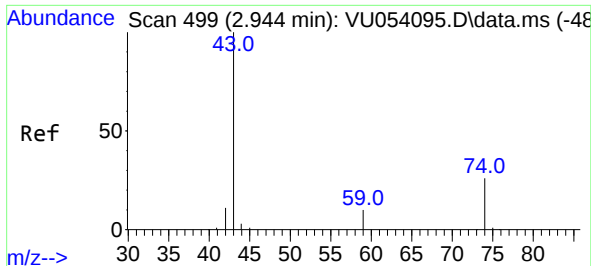
Tgt Ion: 96 Resp: 739
Ion Ratio Lower Upper
96 100
61 1536.3 118.3 219.7#
63 13475.7 92.3 171.5#



#13
Acetone
Concen: 16.249 ug/L
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU054107.D
Acq: 09 May 2023 02:13

Tgt Ion: 43 Resp: 15455
Ion Ratio Lower Upper
43 100
58 31.9 0.0 67.4

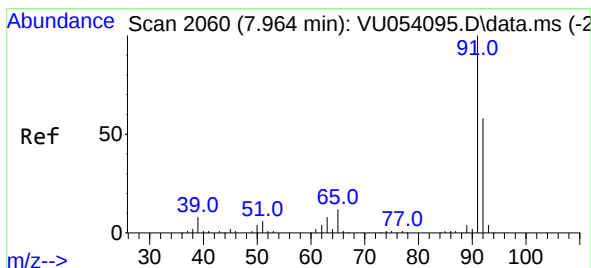
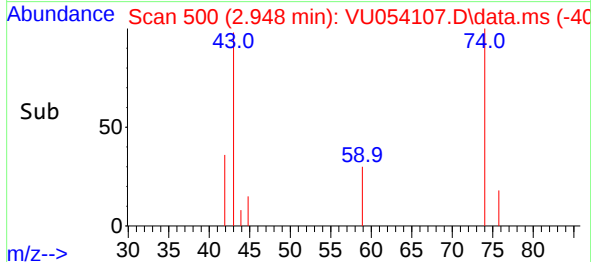
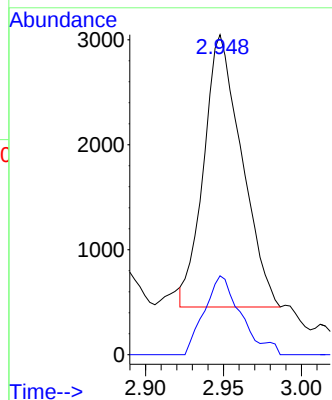
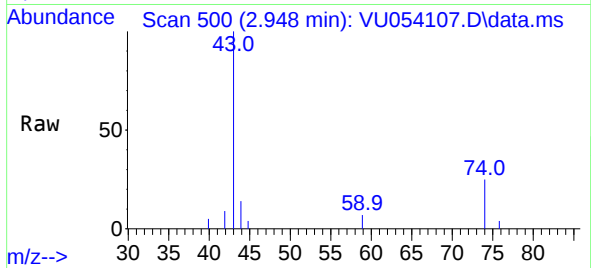




#15
Methyl Acetate
Concen: 2.949 ug/L
RT: 2.948 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU054107.D
Acq: 09 May 2023 02:13

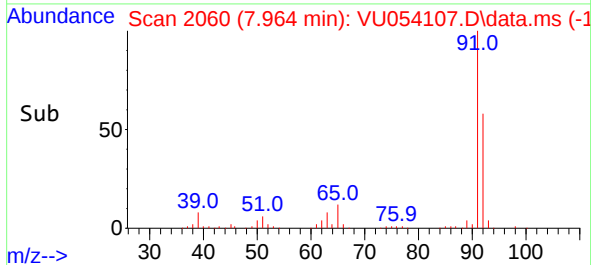
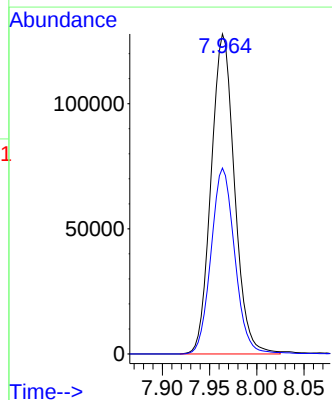
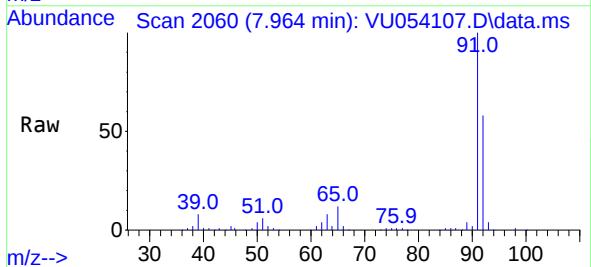
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MSVOA_U
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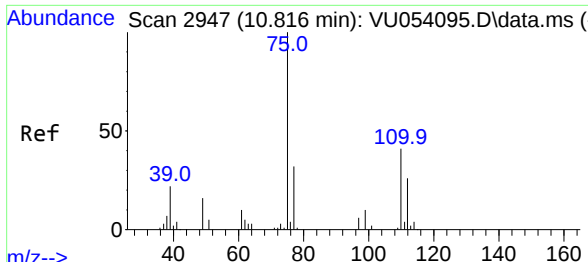
Tgt Ion: 43 Resp: 4392
Ion Ratio Lower Upper
43 100
74 26.5 21.2 31.8



#42
Toluene
Concen: 33.339 ug/L
RT: 7.964 min Scan# 2060
Delta R.T. -0.003 min
Lab File: VU054107.D
Acq: 09 May 2023 02:13

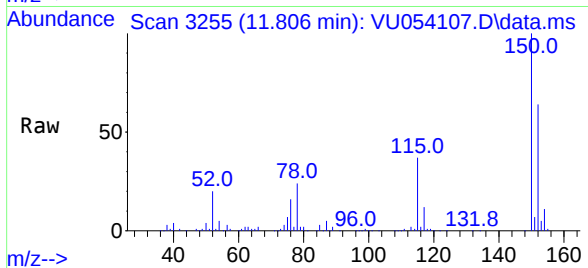
Tgt Ion: 91 Resp: 220079
Ion Ratio Lower Upper
91 100
92 58.1 40.5 75.3





#60
 1,2,3-Trichloropropane
 Concen: 6.189 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU054107.D
 Acq: 09 May 2023 02:13

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	12558
Ion	Ratio	Lower Upper
75	100	
77	34.2	26.0 39.0
110	3.0	31.8 47.8#

