

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051023\
 Data File : VU054144.D
 Acq On : 10 May 2023 14:50
 Operator : JC/MD
 Sample : 02694-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JREP8

Quant Time: May 11 05:12:51 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)

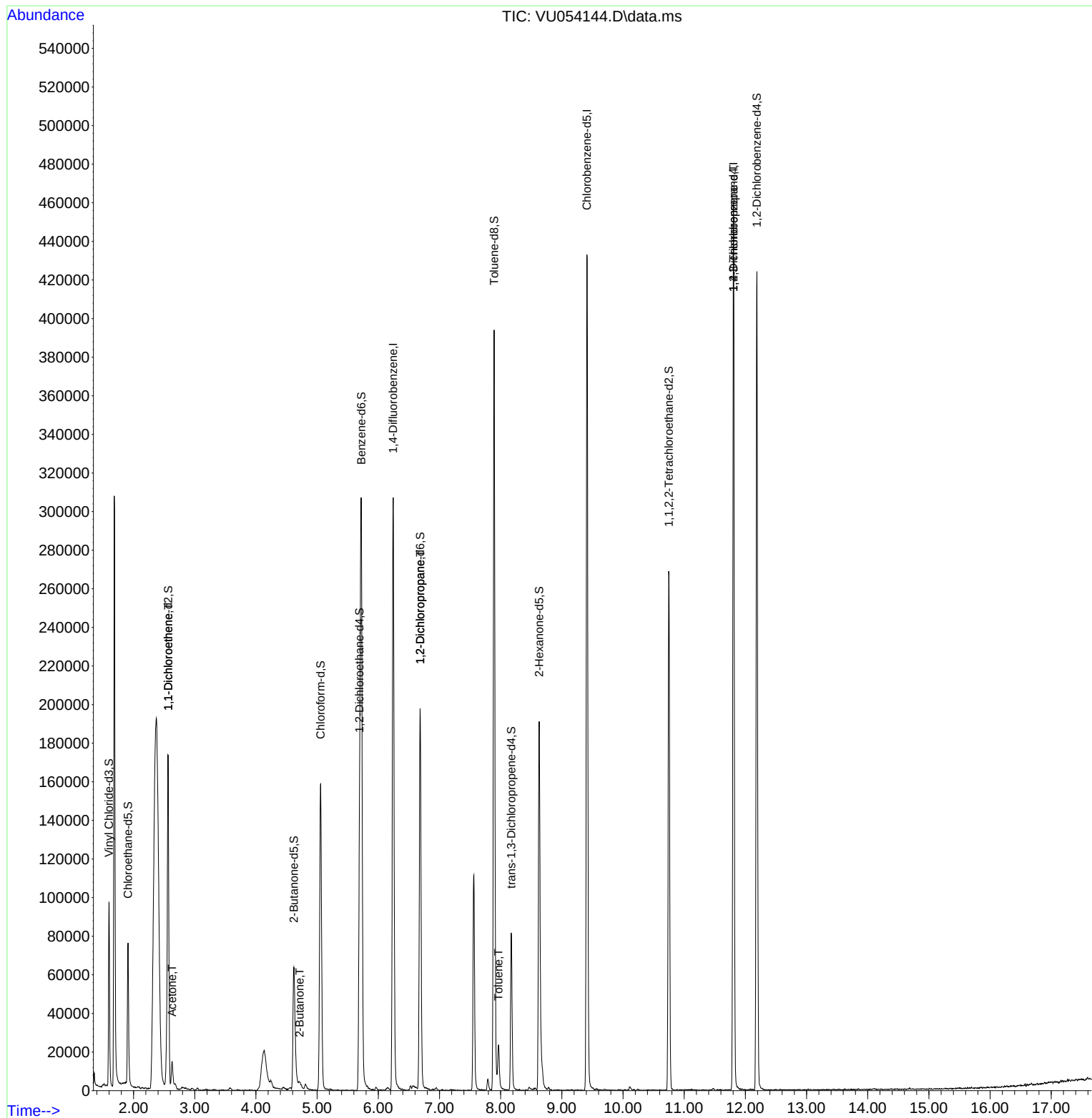
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	257129	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	245549	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	125118	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	74706	38.415	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	76.840%	
7) Chloroethane-d5	1.909	69	56182	44.011	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	88.020%	
11) 1,1-Dichloroethene-d2	2.565	63	102345	29.672	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	59.340%#	
21) 2-Butanone-d5	4.620	46	99737	89.924	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	89.920%	
24) Chloroform-d	5.057	84	151603	42.446	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.900%	
26) 1,2-Dichloroethane-d4	5.694	65	101825	44.402	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.800%	
32) Benzene-d6	5.723	84	292575	40.479	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	80.960%	
36) 1,2-Dichloropropane-d6	6.684	67	94563	41.444	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	82.880%	
41) Toluene-d8	7.893	98	266388	40.823	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	81.640%	
43) trans-1,3-Dichloroprop...	8.173	79	47130	41.738	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	83.480%	
47) 2-Hexanone-d5	8.629	63	64347	78.736	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	78.740%	
56) 1,1,2,2-Tetrachloroeth...	10.748	84	132784	44.180	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	88.360%	
66) 1,2-Dichlorobenzene-d4	12.189	152	115723	47.346	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.700%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.565	96	863	0.579	ug/L #	1
13) Acetone	2.629	43	16175	14.858	ug/L	89
22) 2-Butanone	4.713	43	4291	3.339	ug/L #	59
37) 1,2-Dichloropropane	6.684	63	10150	5.020	ug/L #	87
42) Toluene	7.964	91	15344	2.062	ug/L	98
60) 1,2,3-Trichloropropane	11.806	75	13476	5.799	ug/L #	65

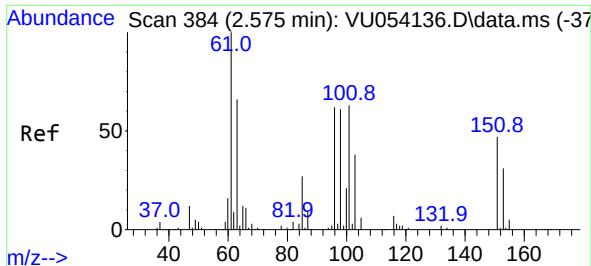
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.579 ug/L

RT: 2.565 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU054144.D

Acq: 10 May 2023 14:50

Instrument :

MSVOA_U

ClientSampleId :

JREP8

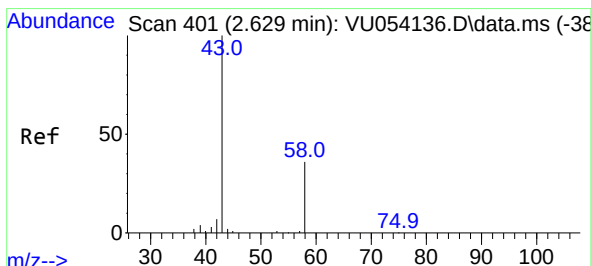
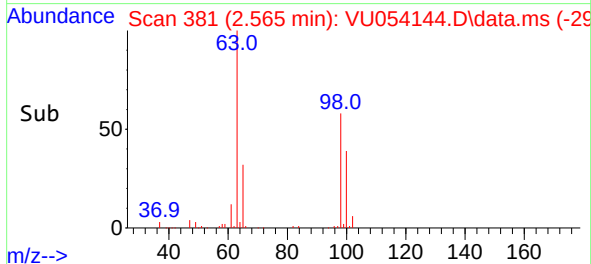
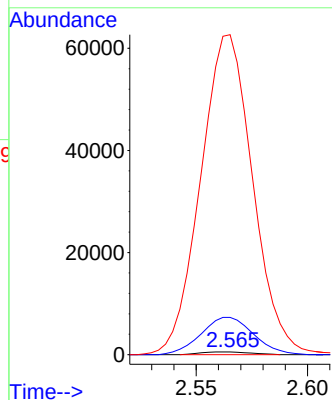
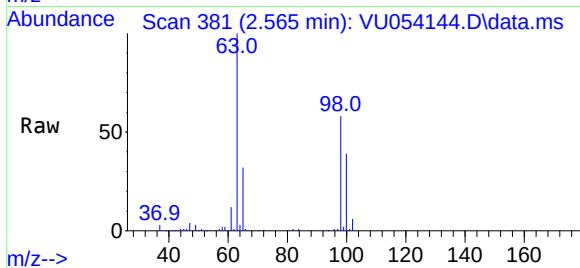
Tgt Ion: 96 Resp: 863

Ion Ratio Lower Upper

96 100

61 1371.4 118.3 219.7#

63 11780.5 92.3 171.5#



#13

Acetone

Concen: 14.858 ug/L

RT: 2.629 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU054144.D

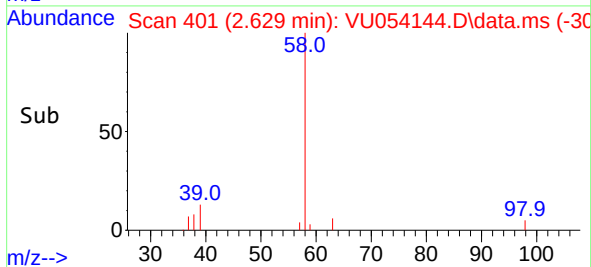
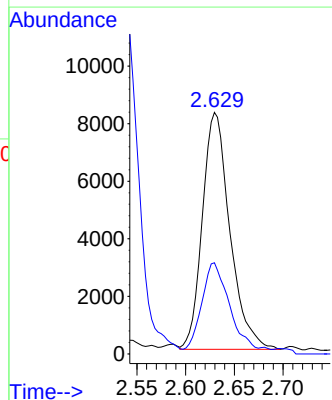
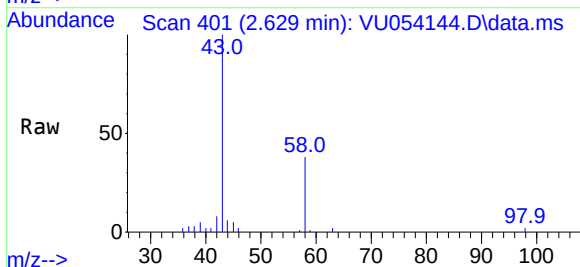
Acq: 10 May 2023 14:50

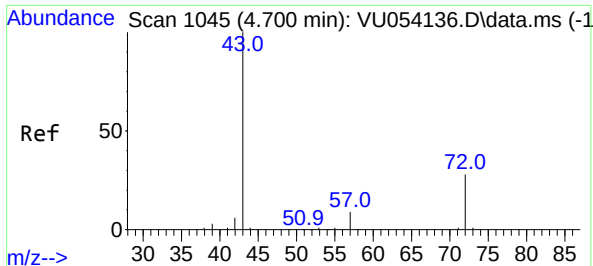
Tgt Ion: 43 Resp: 16175

Ion Ratio Lower Upper

43 100

58 39.8 0.0 67.4

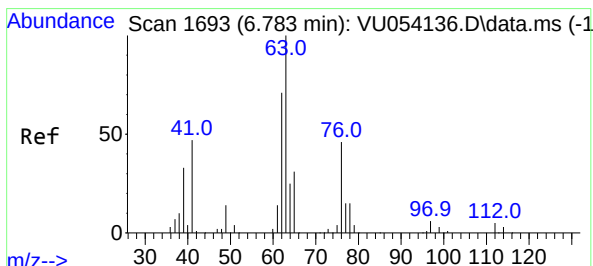
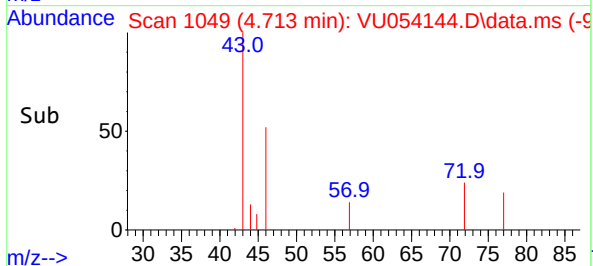
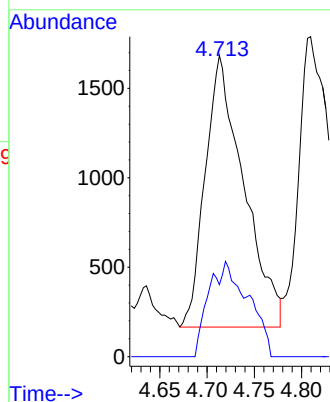
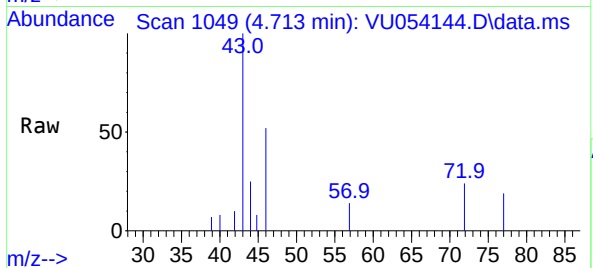




#22
2-Butanone
Concen: 3.339 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. 0.010 min
Lab File: VU054144.D
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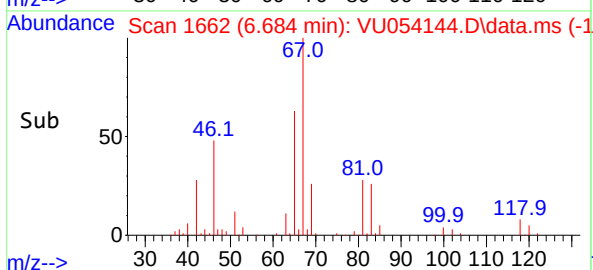
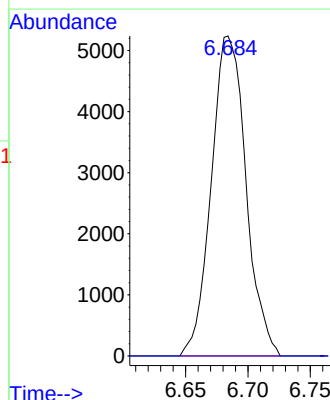
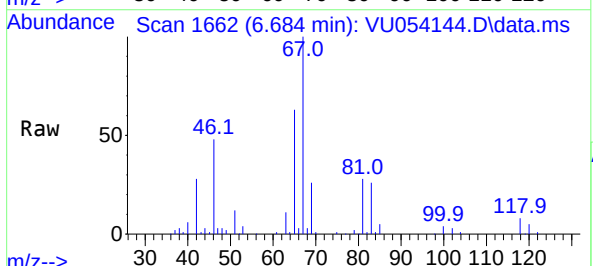
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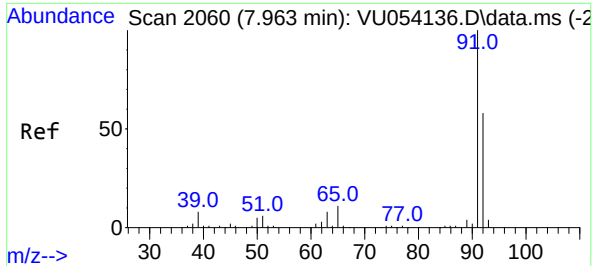
Tgt Ion: 43 Resp: 4291
Ion Ratio Lower Upper
43 100
72 6.5 14.0 41.9#



#37
1,2-Dichloropropane
Concen: 5.020 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.103 min
Lab File: VU054144.D
Acq: 10 May 2023 14:50

Tgt Ion: 63 Resp: 10150
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

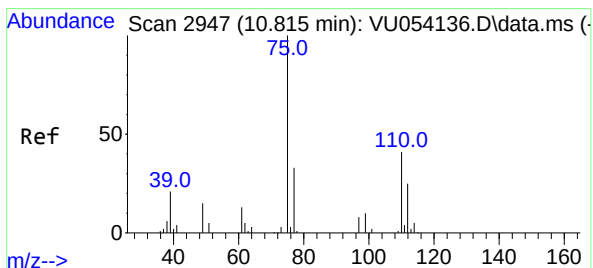
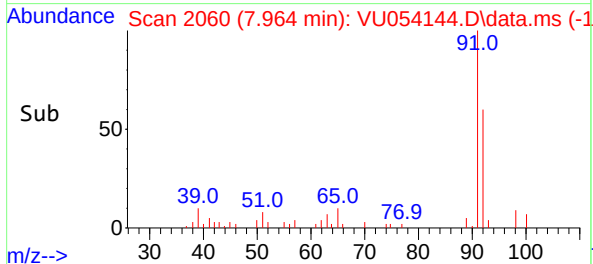
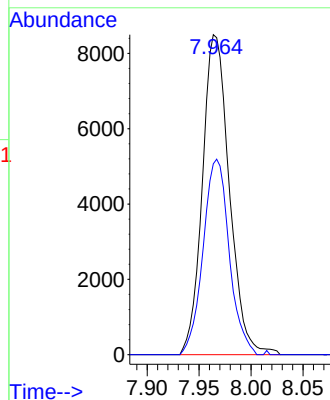
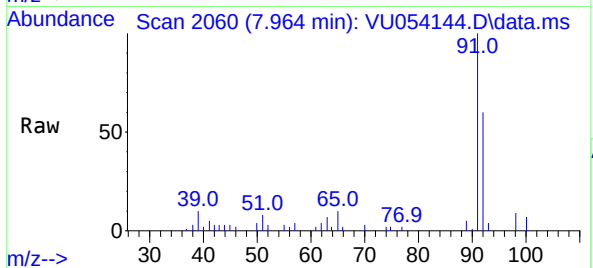




#42
Toluene
Concen: 2.062 ug/L
RT: 7.964 min Scan# 2060
Delta R.T. -0.003 min
Lab File: VU054144.D
Acq: 10 May 2023 14:50

Instrument :
MSVOA_U
ClientSampleId :
JREP8

Tgt Ion: 91 Resp: 15344
Ion Ratio Lower Upper
91 100
92 59.6 40.5 75.3



#60
1,2,3-Trichloropropane
Concen: 5.799 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.990 min
Lab File: VU054144.D
Acq: 10 May 2023 14:50

Tgt Ion: 75 Resp: 13476
Ion Ratio Lower Upper
75 100
77 33.4 26.0 39.0
110 1.8 31.8 47.8#

