

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101123\
 Data File : VU055746.D
 Acq On : 11 Oct 2023 14:33
 Operator : MD/SY
 Sample : 04792-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 12 01:56:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 12 01:53:31 2023
 Response via : Initial Calibration

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

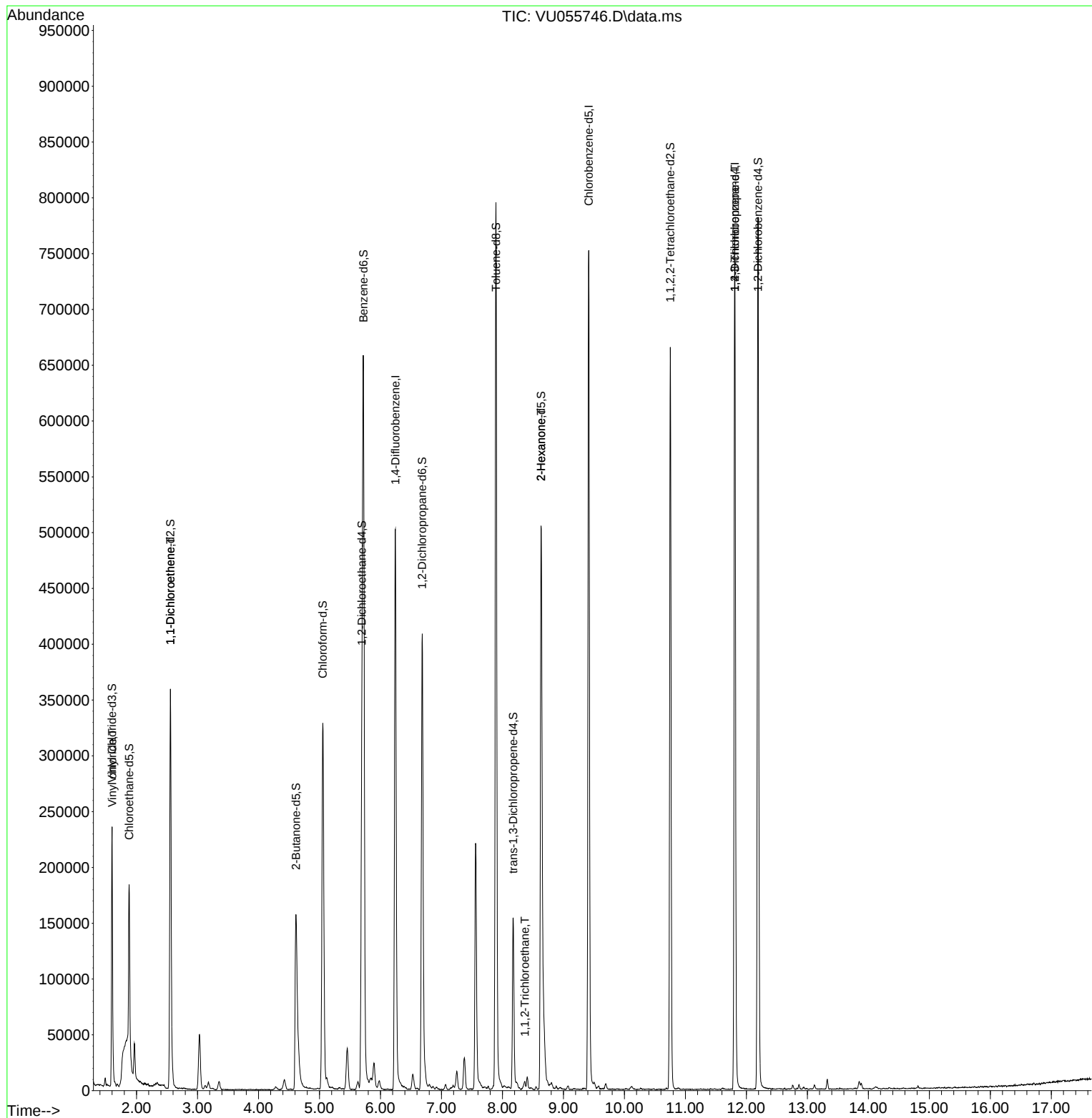
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	402143	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	412541	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	198473	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	148175	41.079	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.160%		
7) Chloroethane-d5	1.878	69	126090	42.764	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.520%		
11) 1,1-Dichloroethene-d2	2.557	63	211387	32.867	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.740%		
21) 2-Butanone-d5	4.615	46	246096	92.075	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.080%		
24) Chloroform-d	5.055	84	305710	44.209	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.420%		
26) 1,2-Dichloroethane-d4	5.695	65	204733	48.101	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.200%		
32) Benzene-d6	5.721	84	613993	46.517	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.040%		
36) 1,2-Dichloropropane-d6	6.685	67	194579	46.565	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.120%		
41) Toluene-d8	7.894	98	531671	44.608	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.220%		
43) trans-1,3-Dichloroprop...	8.177	79	88562	44.120	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.240%		
47) 2-Hexanone-d5	8.634	63	170933	104.053	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.050%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	330202	51.337	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.680%		
66) 1,2-Dichlorobenzene-d4	12.190	152	199909	50.757	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.520%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	14552	4.173	ug/L	88
12) 1,1-Dichloroethene	2.557	96	1931	0.677	ug/L #	1
45) 1,1,2-Trichloroethane	8.367	97	2818	0.796	ug/L #	15
48) 2-Hexanone	8.634	43	24176	5.729	ug/L #	87
60) 1,2,3-Trichloropropane	11.811	75	26414	6.132	ug/L #	70

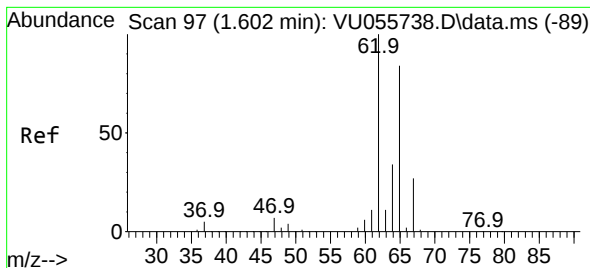
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.173 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU055746.D

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Instrument :

MSVOA_U

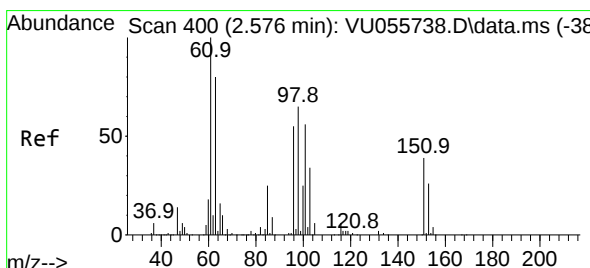
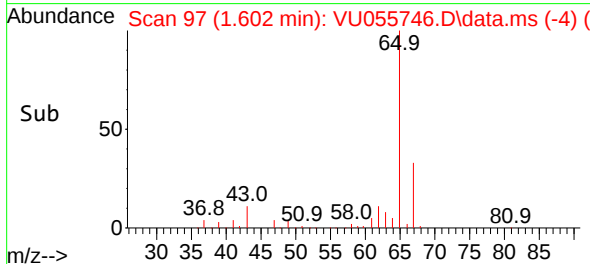
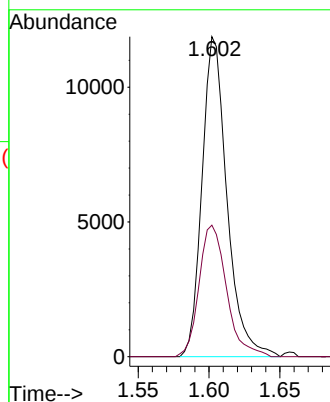
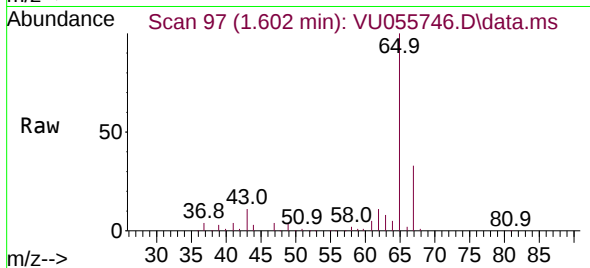
ClientSampleId :

Tgt Ion: 62 Resp: 14552

Ion Ratio Lower Upper

62 100

64 41.1 23.9 44.5



#12

1,1-Dichloroethene

Concen: 0.677 ug/L

RT: 2.557 min Scan# 394

Delta R.T. -0.019 min

Lab File: VU055746.D

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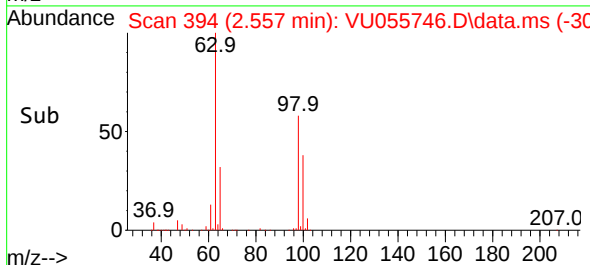
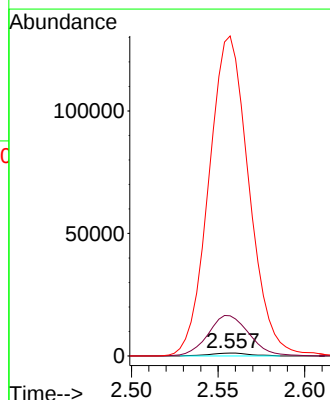
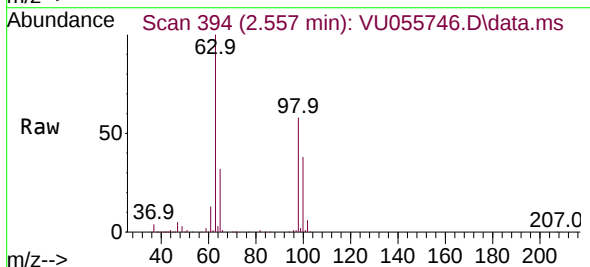
Tgt Ion: 96 Resp: 1931

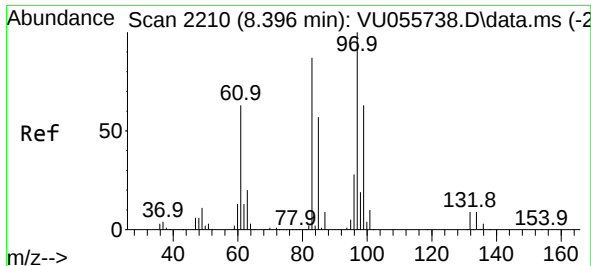
Ion Ratio Lower Upper

96 100

61 1396.6 122.0 226.6#

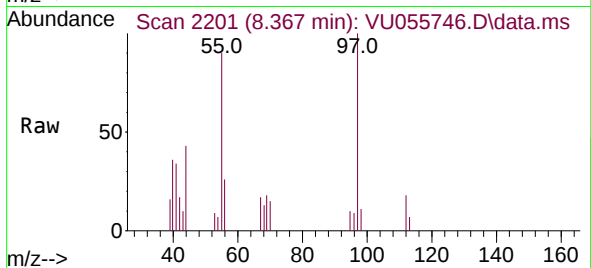
63 11105.4 93.7 174.1#



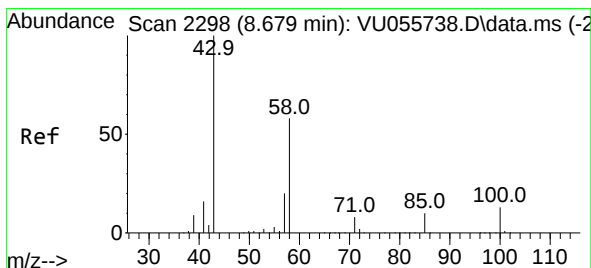
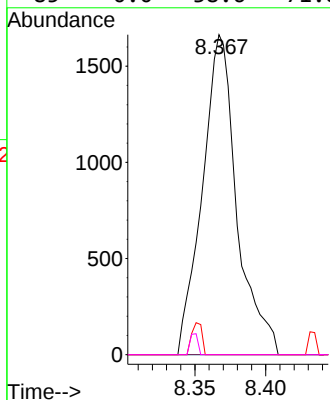
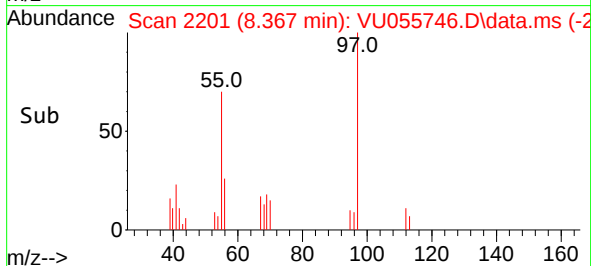


#45
1,1,2-Trichloroethane
Concen: 0.796 ug/L
RT: 8.367 min Scan# 218
Delta R.T. -0.029 min
Lab File: VU055746.D
Acq: 11 Oct 2023 14:33

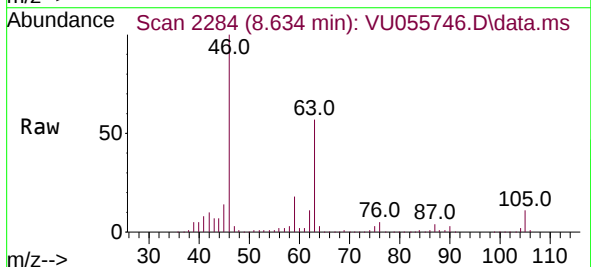
Instrument :
MSVOA_U
ClientSampleId :



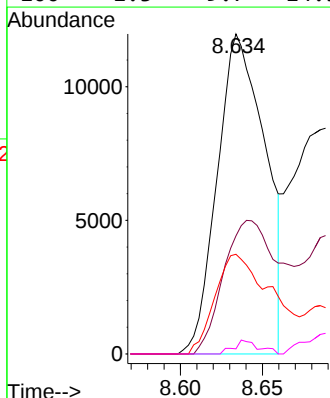
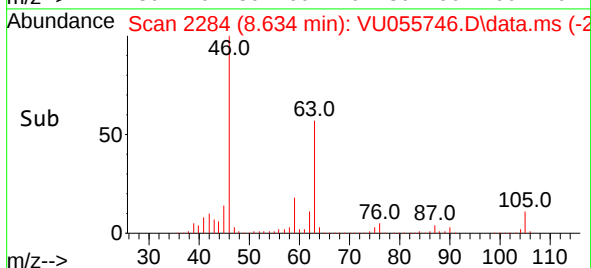
Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.4	82.5#
83	0.0	60.4	112.2#
85	0.0	38.6	71.8#

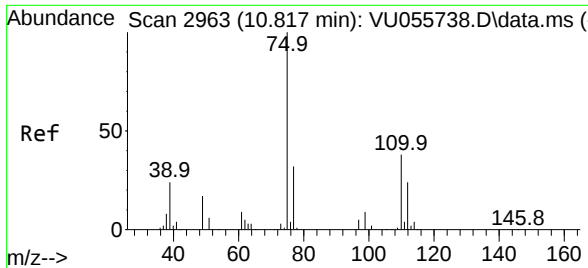


#48
2-Hexanone
Concen: 5.729 ug/L
RT: 8.634 min Scan# 2284
Delta R.T. -0.045 min
Lab File: VU055746.D
Acq: 11 Oct 2023 14:33



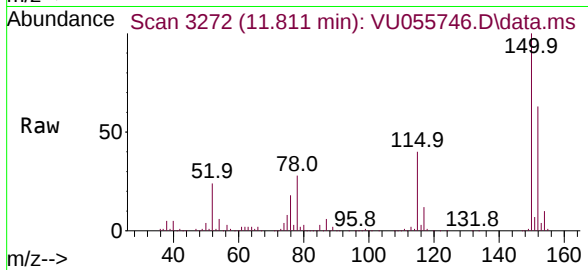
Tgt Ion	Ratio	Lower	Upper
43	100		
58	50.1	45.2	67.8
57	26.9	16.1	24.1#
100	1.3	9.7	14.5#





#60
 1,2,3-Trichloropropane
 Concen: 6.132 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU055746.D
 Acq: 11 Oct 2023 14:33

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 26414
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.8 38.8
 110 2.9 28.5 42.7#

