

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
 Data File : VU053298.D
 Acq On : 20 Mar 2023 11:31
 Operator : JC/MD
 Sample : 01929-16DL 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE9DL

Quant Time: Mar 21 01:28:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 21 01:25:41 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	117859	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	109202	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	51420	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	42724	39.293	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.580%		
7) Chloroethane-d5	1.916	69	38811	44.128	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.260%		
11) 1,1-Dichloroethene-d2	2.568	63	59061	31.356	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.720%		
21) 2-Butanone-d5	4.623	46	52262	103.632	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.630%		
24) Chloroform-d	5.057	84	79654	44.478	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.960%		
26) 1,2-Dichloroethane-d4	5.697	65	52478	47.184	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.360%		
32) Benzene-d6	5.723	84	165510	46.728	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.460%		
36) 1,2-Dichloropropane-d6	6.687	67	54700	47.850	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.700%		
41) Toluene-d8	7.893	98	147007	44.578	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.160%		
43) trans-1,3-Dichloroprop...	8.173	79	25230	44.732	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.460%		
47) 2-Hexanone-d5	8.629	63	39556	110.678	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.680%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	71029	47.964	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.920%		
66) 1,2-Dichlorobenzene-d4	12.189	152	46665	46.870	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.740%		
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	93656	75.527	ug/L	97
12) 1,1-Dichloroethene	2.581	96	1011m	1.168	ug/L	
20) cis-1,2-Dichloroethene	4.662	96	309527	300.072	ug/L	99
33) Benzene	5.771	78	22583	5.965	ug/L	100
34) Trichloroethene	6.539	95	1548	1.568	ug/L #	85

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

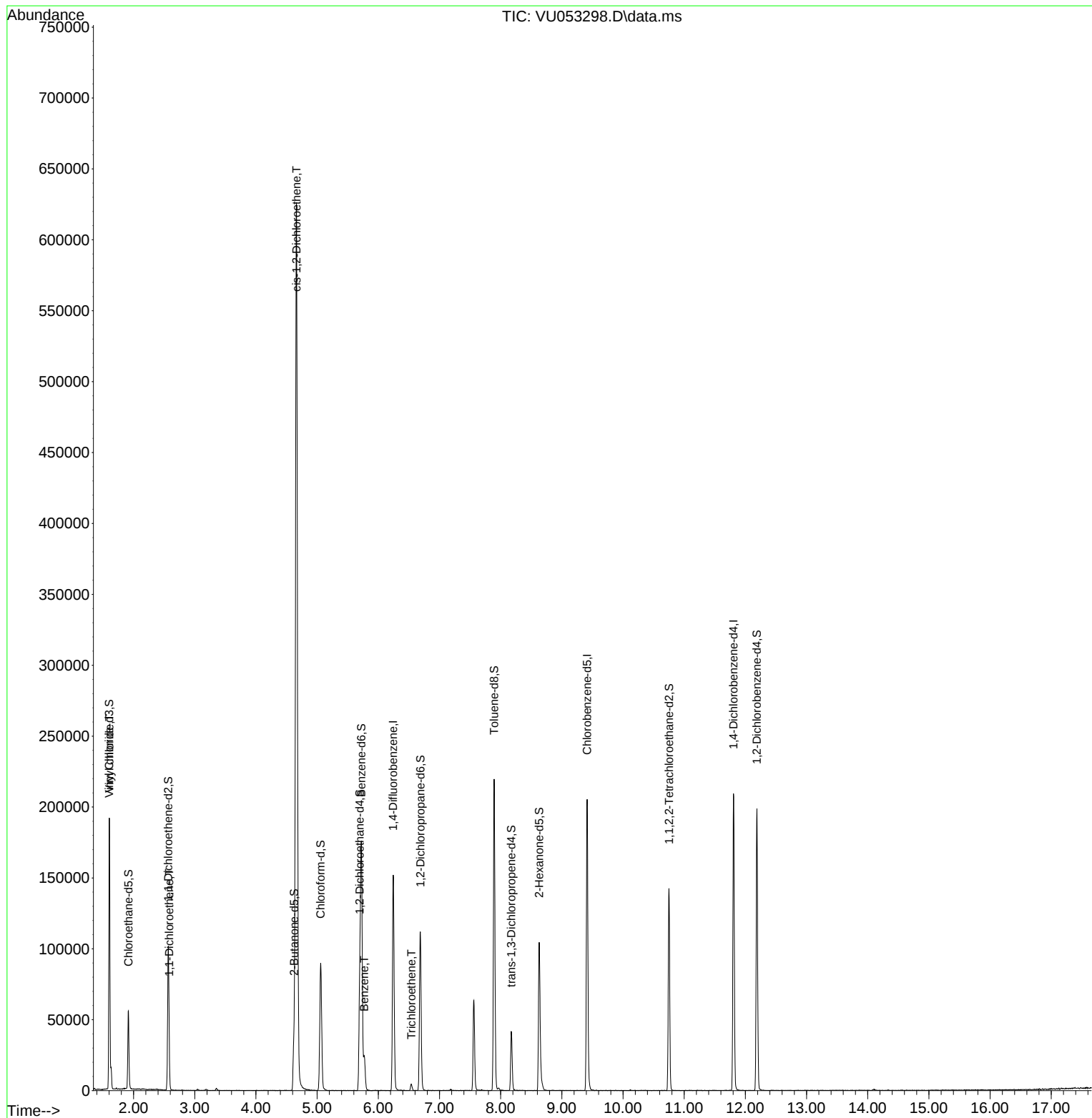
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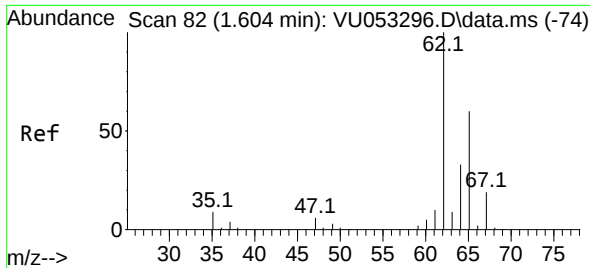
Instrument :
MSVOA_U
ClientSampleId :
EYFE9DL

Quant Time: Mar 21 01:28:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
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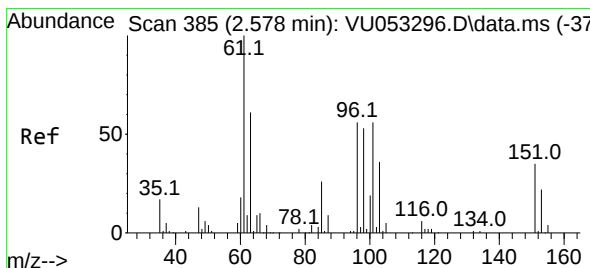
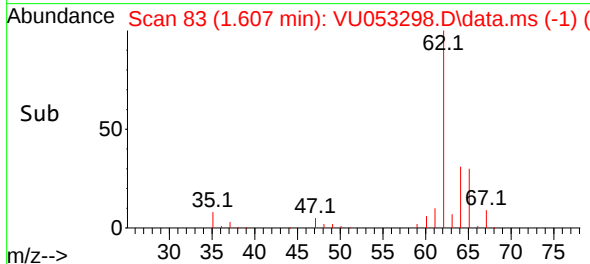
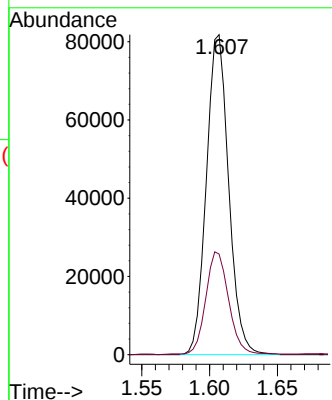
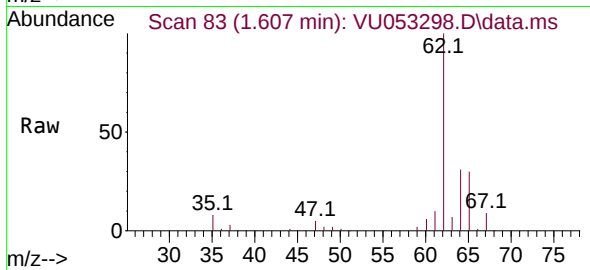
#5
 Vinyl chloride
 Concen: 75.527 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU053298.D
 Acq: 20 Mar 2023 11:31

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE9DL

Tgt Ion: 62 Resp: 93650
 Ion Ratio Lower Upper
 62 100
 64 31.5 23.2 43.0

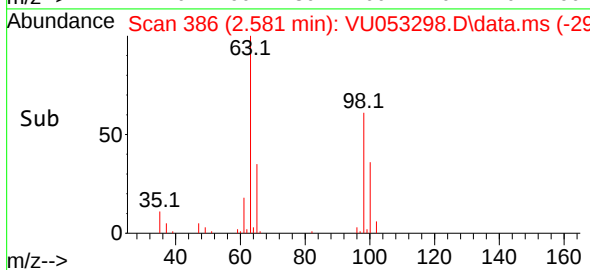
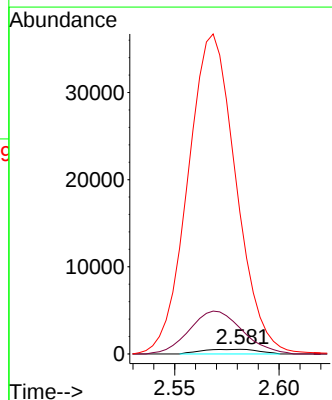
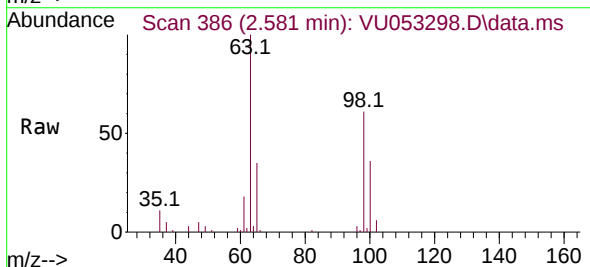
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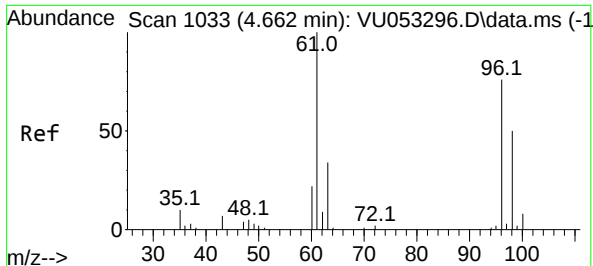
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#12
 1,1-Dichloroethene
 Concen: 1.168 ug/L m
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU053298.D
 Acq: 20 Mar 2023 11:31

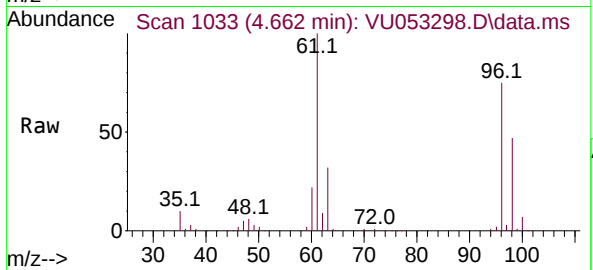
Tgt Ion: 96 Resp: 1011
 Ion Ratio Lower Upper
 96 100
 61 560.3 122.2 226.9#
 63 3046.1 89.9 166.9#





#20
 cis-1,2-Dichloroethene
 Concen: 300.072 ug/L
 RT: 4.662 min Scan# 1033
 Delta R.T. -0.000 min
 Lab File: VU053298.D
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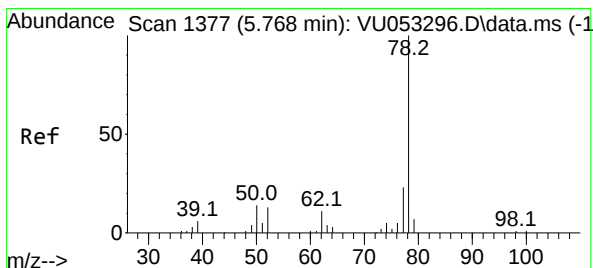
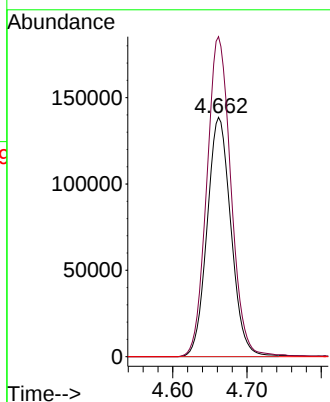
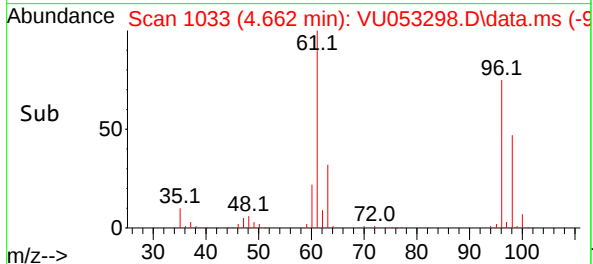
Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE9DL



Tgt Ion: 96 Resp: 30952
 Ion Ratio Lower Upper
 96 100
 61 133.7 92.5 171.7
 68 0.0 0.0 0.0

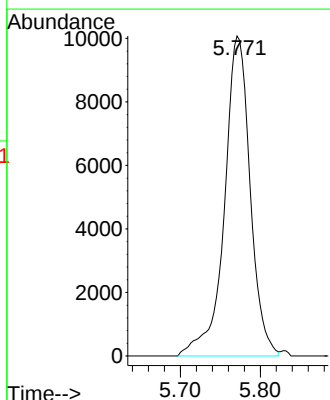
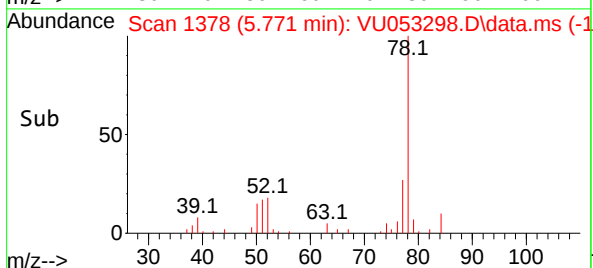
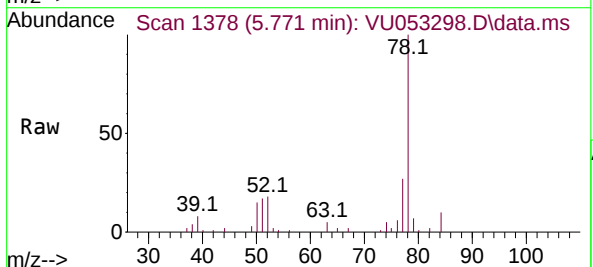
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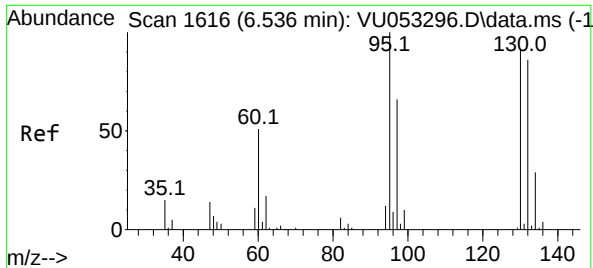
Reviewed By :Krupa Patel 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023



#33
 Benzene
 Concen: 5.965 ug/L
 RT: 5.771 min Scan# 1378
 Delta R.T. 0.003 min
 Lab File: VU053298.D
 Acq: 20 Mar 2023 11:31

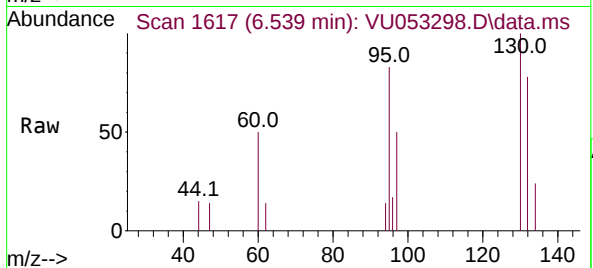
Tgt Ion: 78 Resp: 22583





#34
 Trichloroethene
 Concen: 1.568 ug/L
 RT: 6.539 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU053298.D
 Acq: 20 Mar 2023 11:31

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE9DL



Tgt Ion: 95 Resp: 1548

Ion	Ratio	Lower	Upper
95	100		
97	60.5	43.8	81.3
132	94.6	61.5	114.3
130	120.9	63.3	117.5#

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