

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022024\
 Data File : VU057901.D
 Acq On : 20 Feb 2024 14:42
 Operator : MD/SY
 Sample : P1504-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 21 00:14:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 21 00:11:26 2024
 Response via : Initial Calibration

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

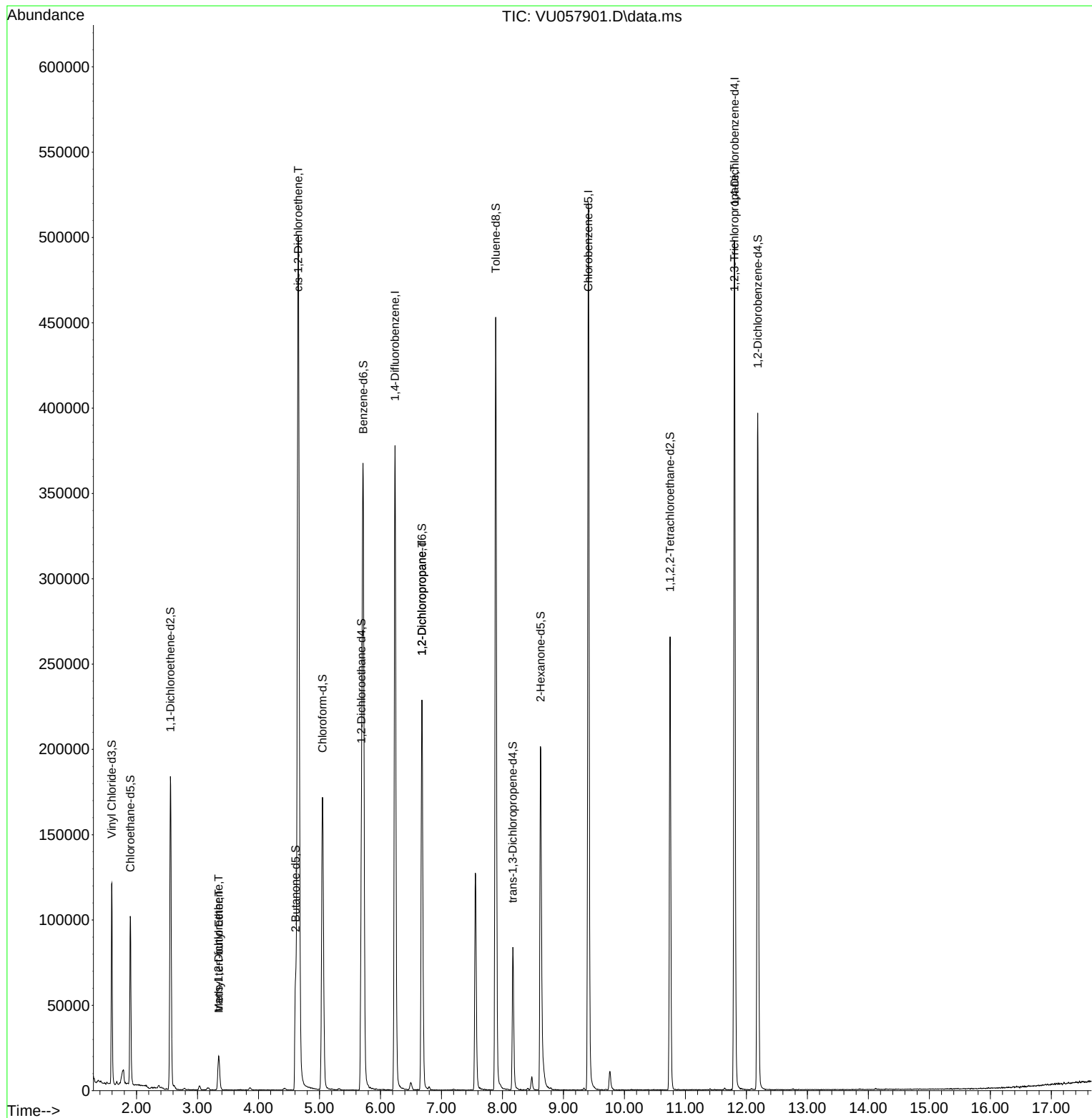
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	295739	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	279595	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	126561	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	85221	39.803	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.600%		
7) Chloroethane-d5	1.898	69	72975	46.113	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.220%		
11) 1,1-Dichloroethene-d2	2.557	63	116029	29.079	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.160%#		
21) 2-Butanone-d5	4.608	46	93347	114.746	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.750%		
24) Chloroform-d	5.049	84	164968	45.439	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.880%		
26) 1,2-Dichloroethane-d4	5.689	65	110805	48.687	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.380%		
32) Benzene-d6	5.718	84	343512	49.025	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.060%		
36) 1,2-Dichloropropane-d6	6.679	67	110488	48.834	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.660%		
41) Toluene-d8	7.891	98	301205	47.489	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.980%		
43) trans-1,3-Dichloroprop...	8.171	79	48111	44.654	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.300%		
47) 2-Hexanone-d5	8.624	63	72525	83.382	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.380%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	131151	42.008	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.020%		
66) 1,2-Dichlorobenzene-d4	12.187	152	98353	47.993	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.980%		
Target Compounds						
					Qvalue	
17) trans-1,2-Dichloroethene	3.348	96	3357	1.511	ug/L	89
18) Methyl tert-butyl Ether	3.351	73	13651	1.765	ug/L	98
20) cis-1,2-Dichloroethene	4.653	96	258059	101.261	ug/L	99
37) 1,2-Dichloropropane	6.679	63	12763	4.638	ug/L #	89
60) 1,2,3-Trichloropropane	11.804	75	17714	6.041	ug/L #	68

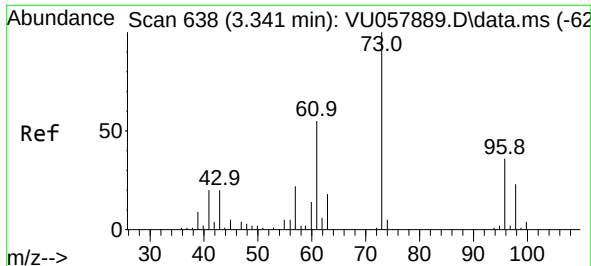
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
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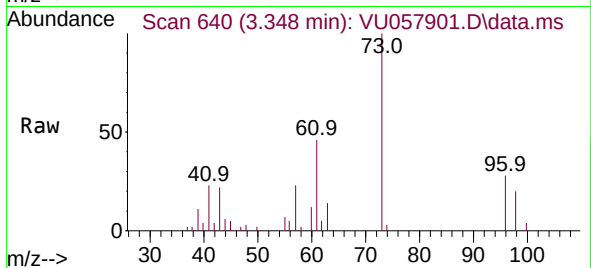
Quant Time: Feb 21 00:14:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021924WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 21 00:11:26 2024
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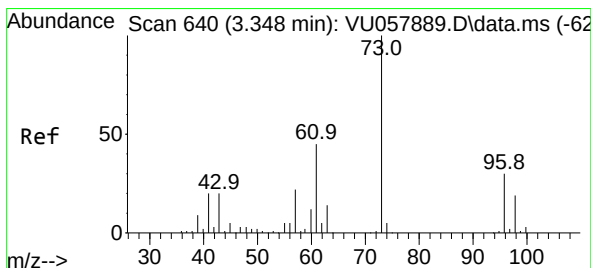
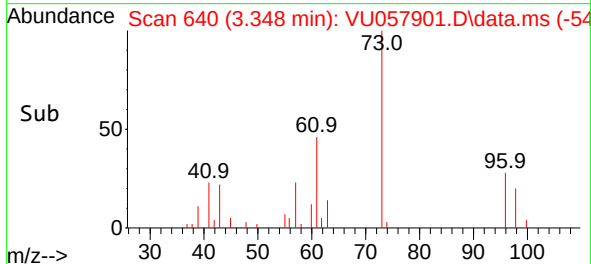
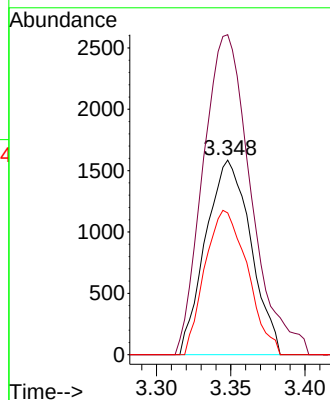
#17
trans-1,2-Dichloroethene
Concen: 1.511 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.006 min
Lab File: VU057901.D
Acq: 20 Feb 2024 14:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 3357

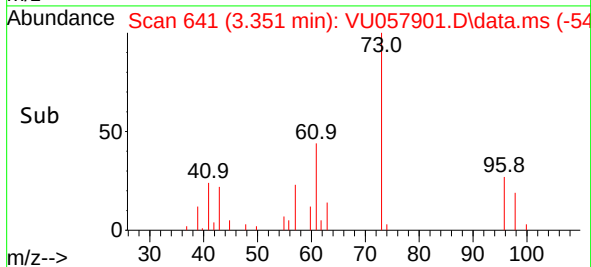
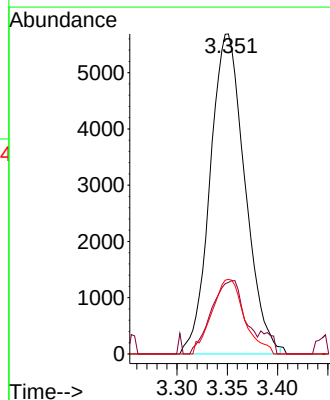
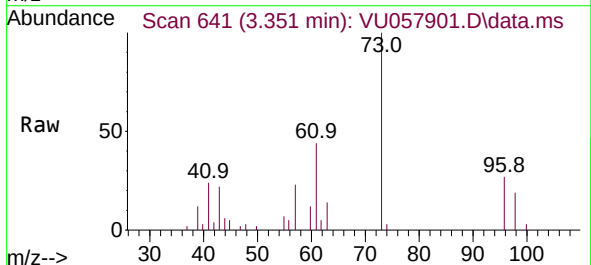
Ion	Ratio	Lower	Upper
96	100		
61	164.4	106.3	197.3
98	72.9	44.4	82.5

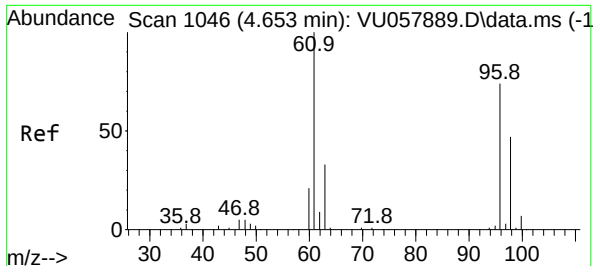


#18
Methyl tert-butyl Ether
Concen: 1.765 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057901.D
Acq: 20 Feb 2024 14:42

Tgt Ion: 73 Resp: 13651

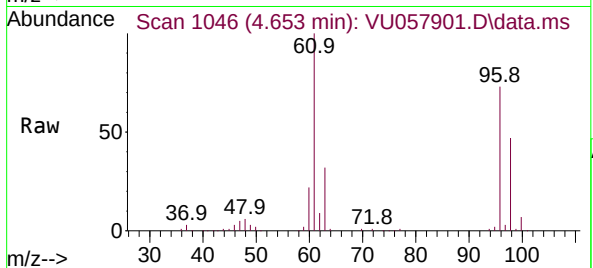
Ion	Ratio	Lower	Upper
73	100		
43	21.8	16.0	24.0
57	21.8	17.8	26.6





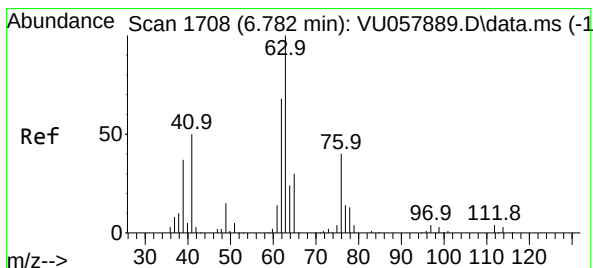
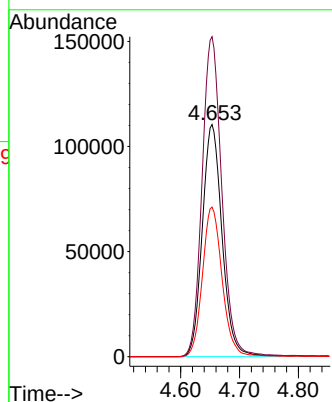
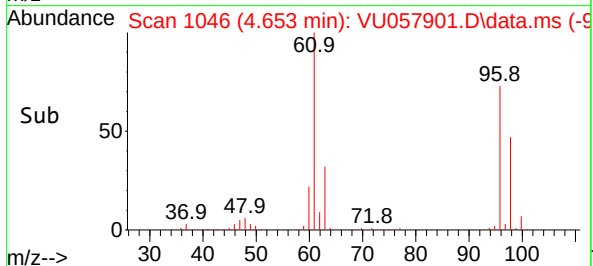
#20
 cis-1,2-Dichloroethene
 Concen: 101.261 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU057901.D
 Acq: 20 Feb 2024 14:42

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 258059

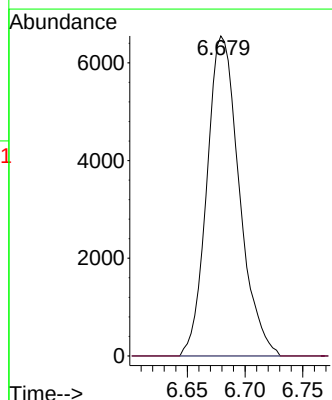
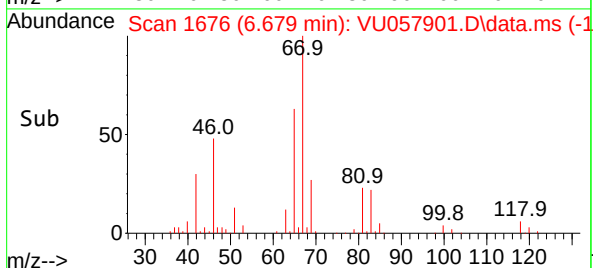
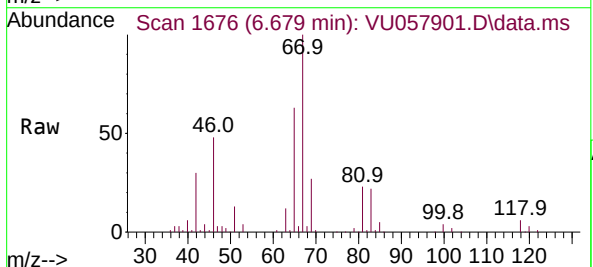
Ion	Ratio	Lower	Upper
96	100		
61	137.9	96.7	179.7
98	64.4	44.3	82.3

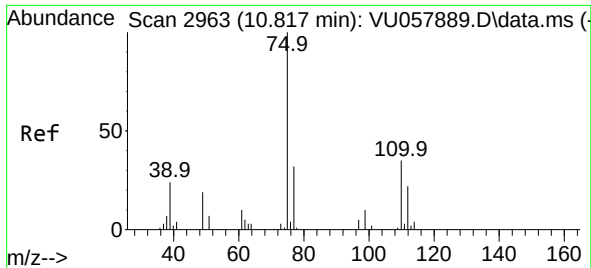


#37
 1,2-Dichloropropane
 Concen: 4.638 ug/L
 RT: 6.679 min Scan# 1676
 Delta R.T. -0.103 min
 Lab File: VU057901.D
 Acq: 20 Feb 2024 14:42

Tgt Ion: 63 Resp: 12763

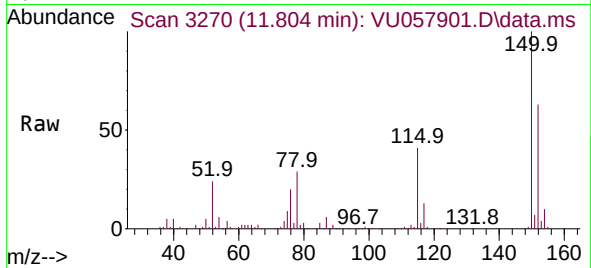
Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#





#60
 1,2,3-Trichloropropane
 Concen: 6.041 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU057901.D
 Acq: 20 Feb 2024 14:42

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 17714
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.9 38.9
 110 1.2 28.3 42.5#

