

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051191.D
 Acq On : 06 Oct 2022 23:16
 Operator : JC/MD
 Sample : N4893-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J63

Quant Time: Oct 07 06:28:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 02:51:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/08/2022
 Supervised By :Mahesh Dadoda 10/10/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	371581	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	389606	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	127108	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	151135	40.134	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.260%		
7) Chloroethane-d5	1.899	69	132847	37.977	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.960%		
11) 1,1-Dichloroethene-d2	2.562	63	173826	31.249	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.500%		
21) 2-Butanone-d5	4.620	46	194826	79.767	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.770%		
24) Chloroform-d	5.060	84	267384	44.071	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.140%		
26) 1,2-Dichloroethane-d4	5.700	65	173525	46.207	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.420%		
32) Benzene-d6	5.726	84	521319	45.693	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.380%		
36) 1,2-Dichloropropane-d6	6.690	67	183018	49.435	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.880%		
41) Toluene-d8	7.896	98	411809	39.067	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.140%#		
43) trans-1,3-Dichloroprop...	8.179	79	65333	36.999	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.000%		
47) 2-Hexanone-d5	8.632	63	87486	58.524	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	58.520%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	270567	41.817	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.640%		
66) 1,2-Dichlorobenzene-d4	12.192	152	134424	49.505	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.000%		
Target Compounds					Qvalue	
13) Acetone	2.623	43	36362	18.644	ug/L	93
15) Methyl Acetate	2.951	43	6107	1.715	ug/L	94
22) 2-Butanone	4.716	43	7687m	2.853	ug/L	
46) Tetrachloroethene	8.552	164	23900	10.251	ug/L	97

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

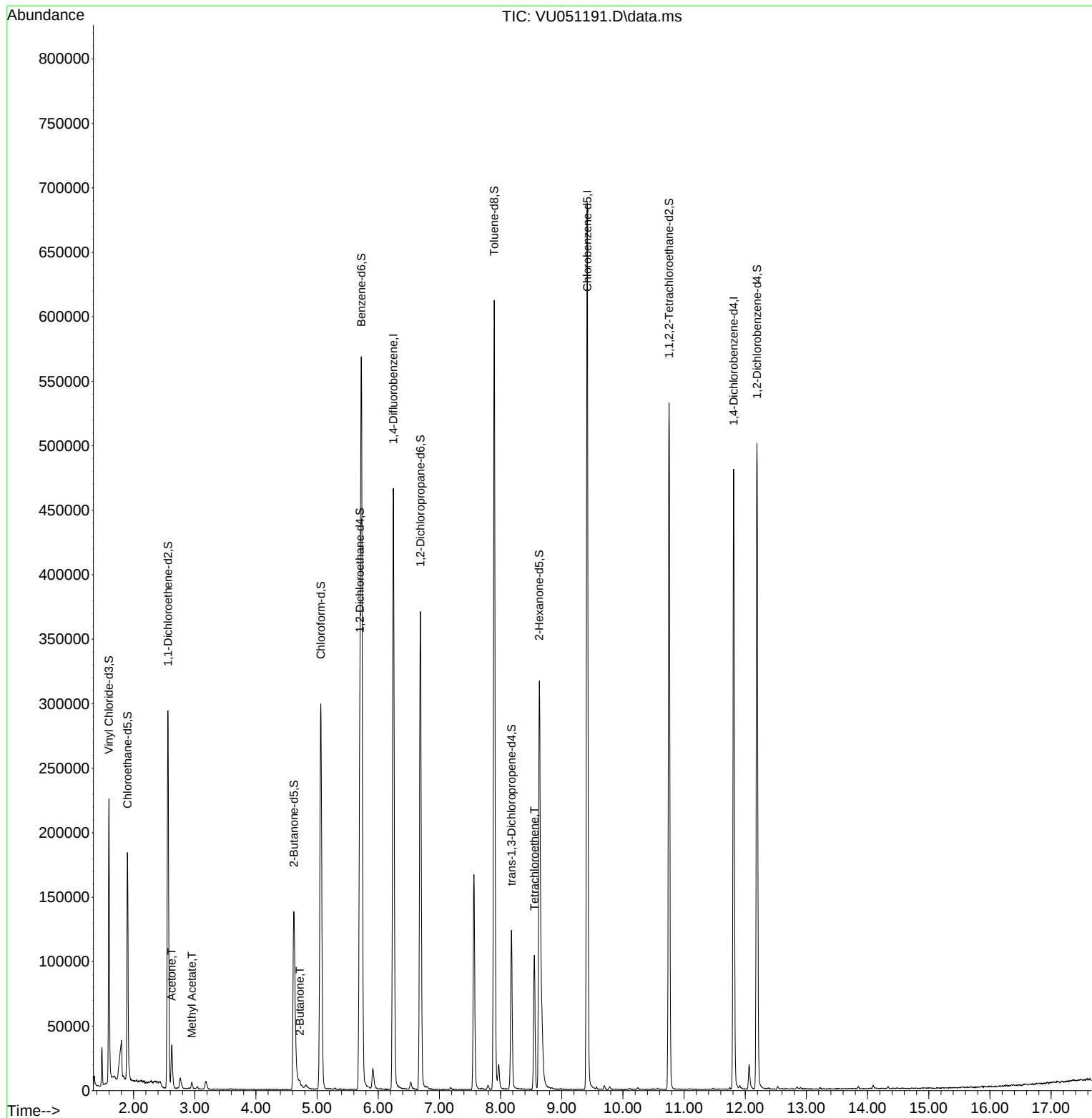
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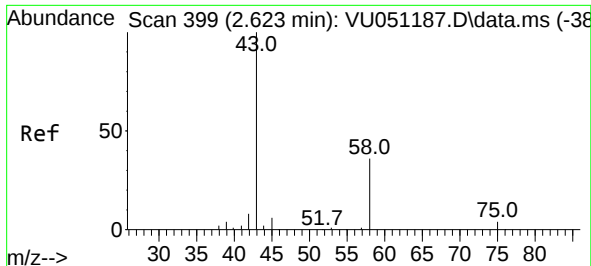
Instrument :
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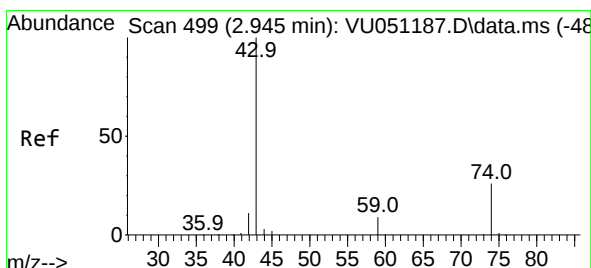
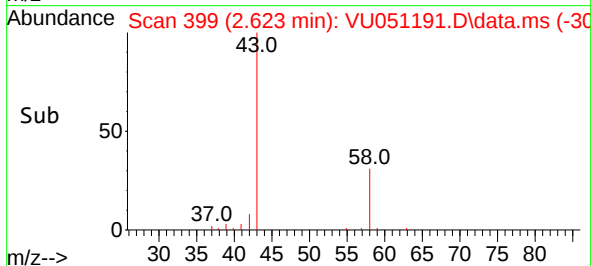
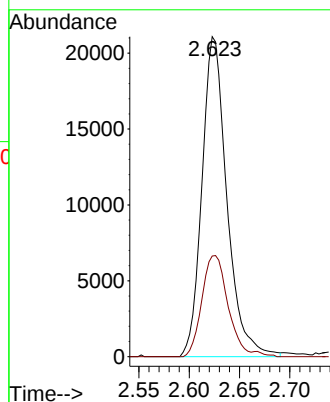
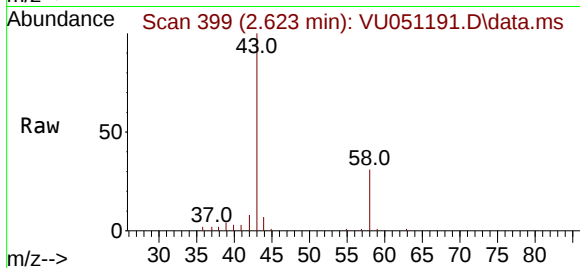
#13
Acetone
Concen: 18.644 ug/L
RT: 2.623 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU051191.D
Acq: 06 Oct 2022 23:16

Instrument :
MSVOA_U
ClientSampleId :
F5J63

Tgt Ion: 43 Resp: 3636
Ion Ratio Lower Upper
43 100
58 32.7 0.0 73.6

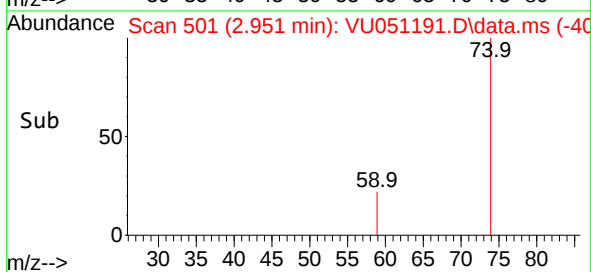
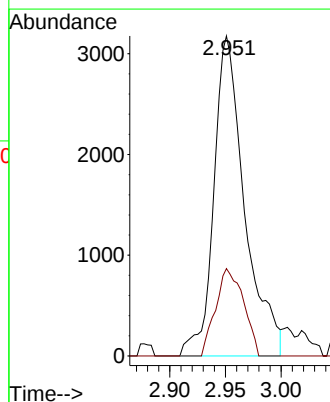
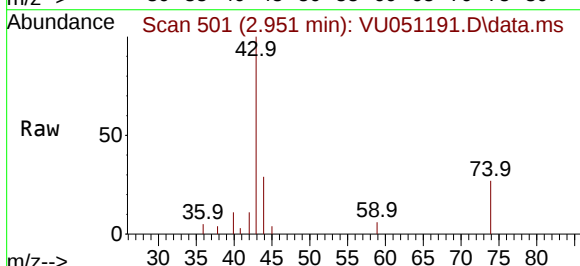
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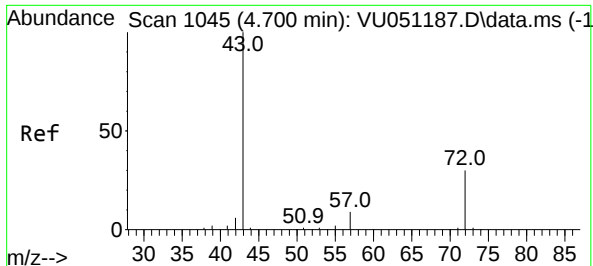
Reviewed By :Krupa Patel 10/08/2022
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#15
Methyl Acetate
Concen: 1.715 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.006 min
Lab File: VU051191.D
Acq: 06 Oct 2022 23:16

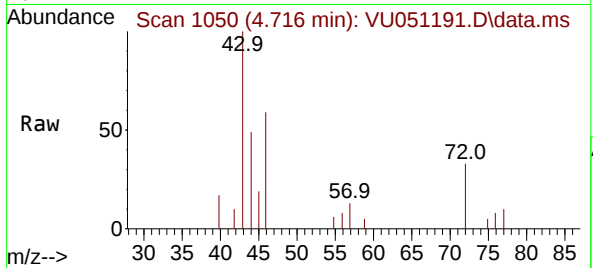
Tgt Ion: 43 Resp: 6107
Ion Ratio Lower Upper
43 100
74 24.6 22.4 33.6





#22
2-Butanone
Concen: 2.853 ug/L m
RT: 4.716 min Scan# 1045
Delta R.T. 0.016 min
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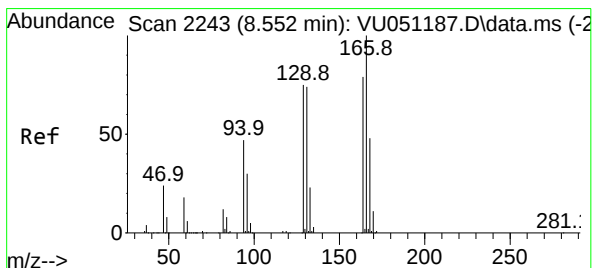
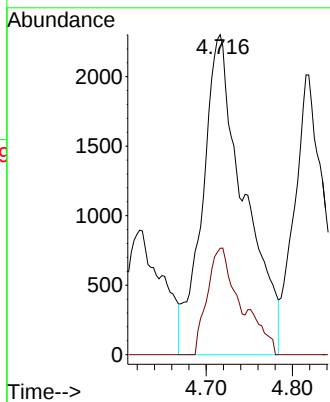
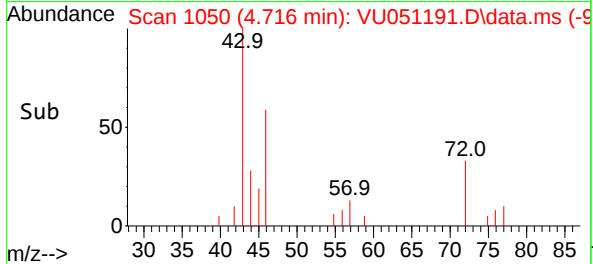
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Tgt Ion: 43 Resp: 768
Ion Ratio Lower Upper
43 100
72 22.0 15.8 47.4

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#46
Tetrachloroethene
Concen: 10.251 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051191.D
Acq: 06 Oct 2022 23:16

Tgt Ion:164 Resp: 23900
Ion Ratio Lower Upper
164 100
129 96.4 68.1 126.5
131 91.5 67.8 126.0
166 125.3 90.5 168.1

