

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112022\
 Data File : VU051982.D
 Acq On : 20 Nov 2022 18:40
 Operator : JC/MD
 Sample : N5710-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KY6

Quant Time: Nov 21 01:03:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 18 00:53:49 2022
 Response via : Initial Calibration

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

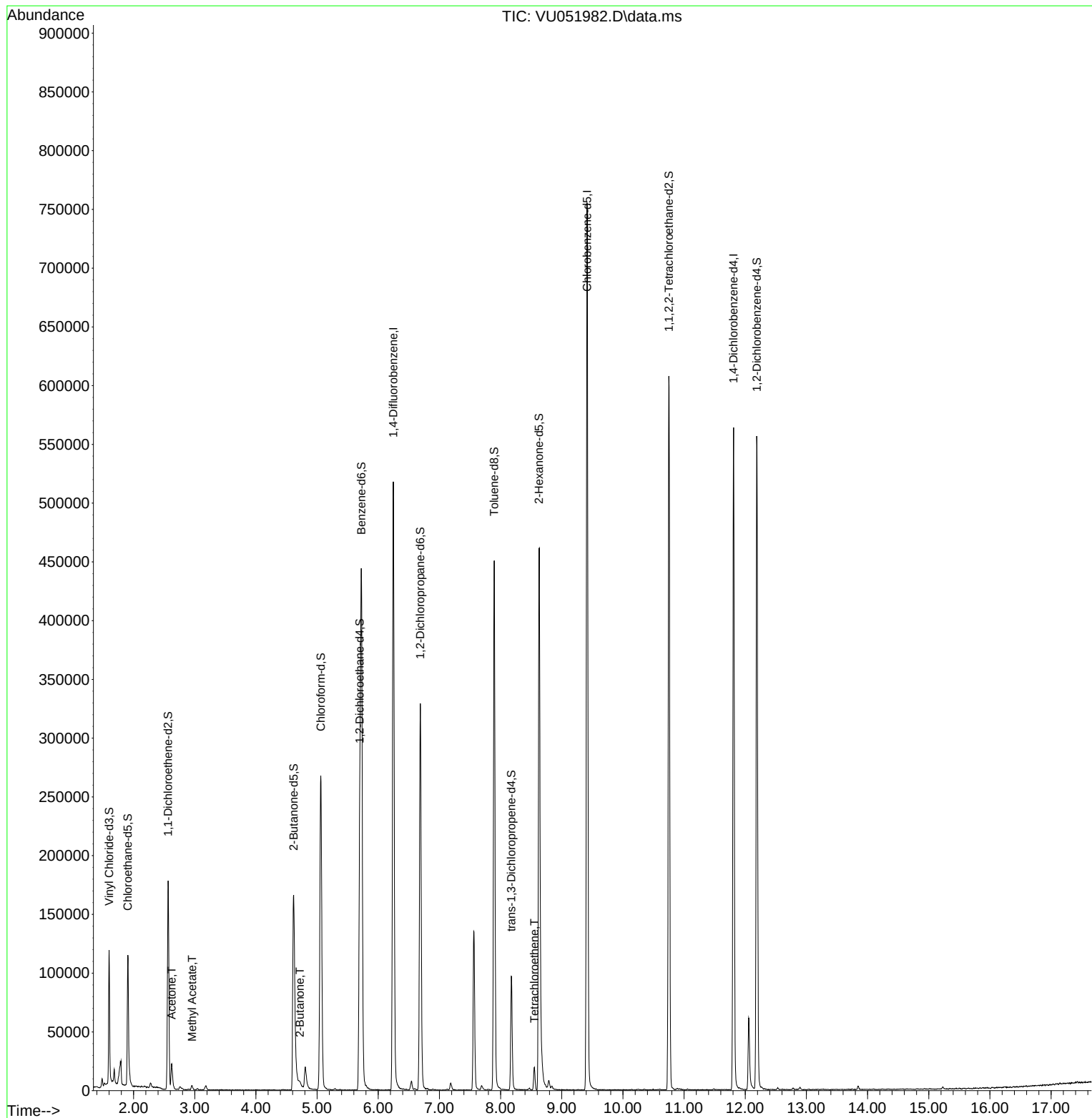
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	432042	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	436555	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	157020	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	82654	38.969	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.940%
7) Chloroethane-d5	1.906	69	96748	45.526	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.060%
11) 1,1-Dichloroethene-d2	2.565	63	105756	27.805	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.600%#
21) 2-Butanone-d5	4.617	46	241164	99.991	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.990%
24) Chloroform-d	5.060	84	249994	47.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.040%
26) 1,2-Dichloroethane-d4	5.697	65	157166	48.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.580%
32) Benzene-d6	5.726	84	421650	46.323	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.640%
36) 1,2-Dichloropropane-d6	6.687	67	165433	48.827	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.660%
41) Toluene-d8	7.896	98	310898	41.612	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.220%
43) trans-1,3-Dichloroprop...	8.176	79	54224	40.180	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.360%
47) 2-Hexanone-d5	8.629	63	151924	88.228	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.230%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	311560	47.247	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.500%
66) 1,2-Dichlorobenzene-d4	12.189	152	154230	55.814	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.620%
Target Compounds						
					Qvalue	
13) Acetone	2.623	43	22974	8.903	ug/L	98
15) Methyl Acetate	2.957	43	4430	1.259	ug/L #	88
22) 2-Butanone	4.719	43	8436	2.895	ug/L	89
46) Tetrachloroethene	8.552	164	4762	2.004	ug/L	88

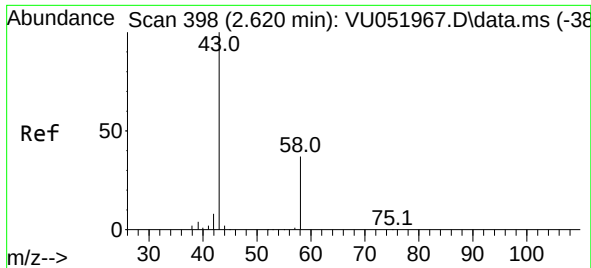
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 8.903 ug/L

RT: 2.623 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU051982.D

Acq: 20 Nov 2022 18:40

Instrument :

MSVOA_U

ClientSampleId :

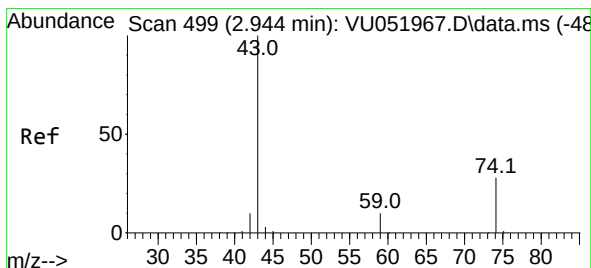
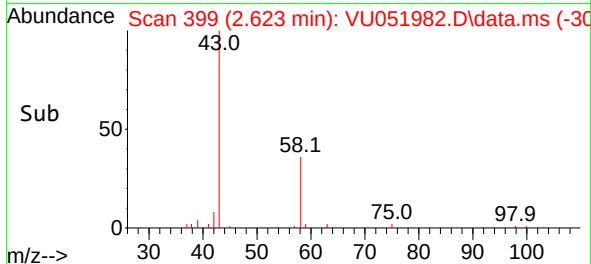
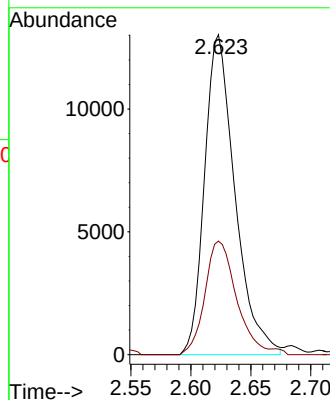
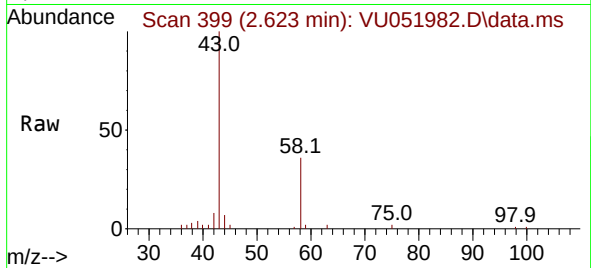
C0KY6

Tgt Ion: 43 Resp: 22974

Ion Ratio Lower Upper

43 100

58 36.6 0.0 75.4



#15

Methyl Acetate

Concen: 1.259 ug/L

RT: 2.957 min Scan# 503

Delta R.T. 0.016 min

Lab File: VU051982.D

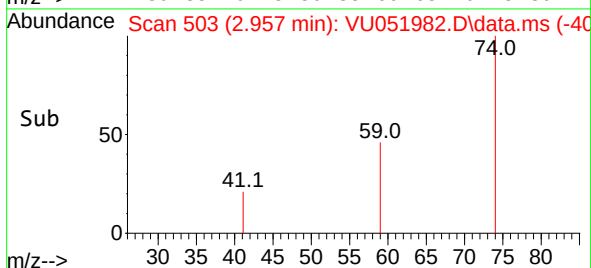
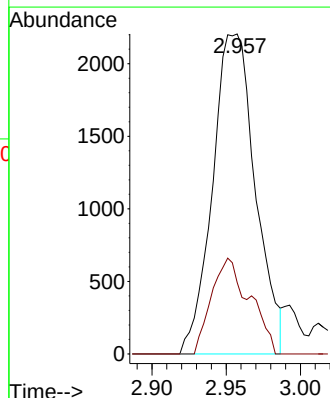
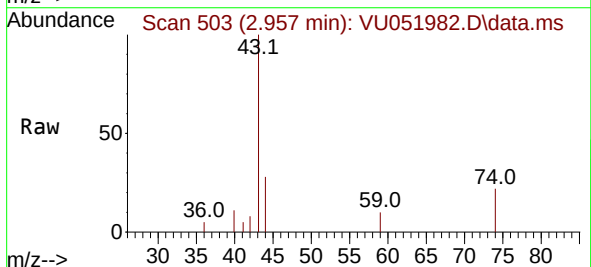
Acq: 20 Nov 2022 18:40

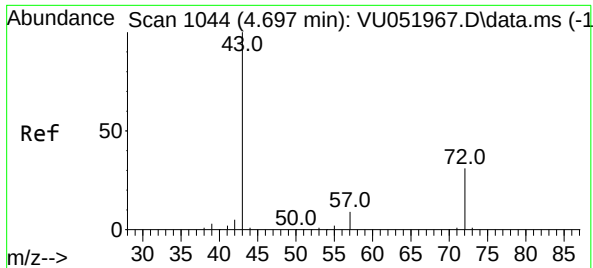
Tgt Ion: 43 Resp: 4430

Ion Ratio Lower Upper

43 100

74 20.9 21.8 32.8#

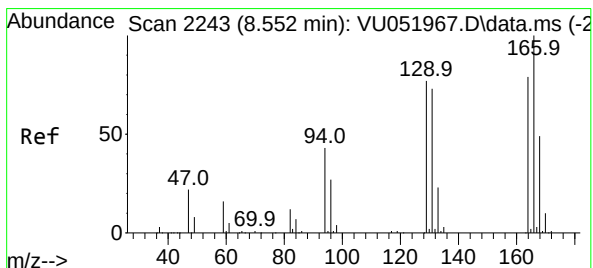
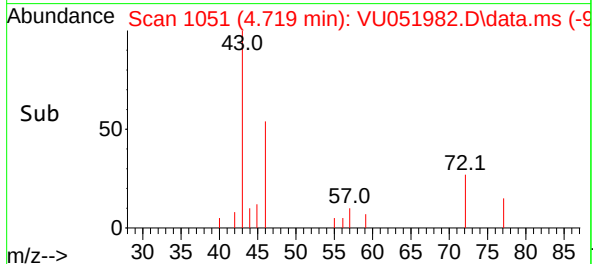
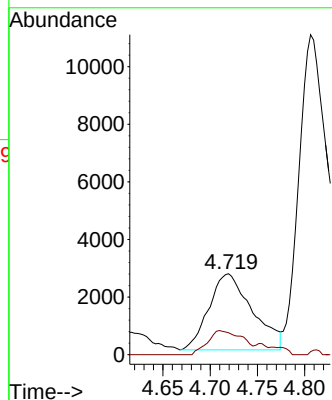
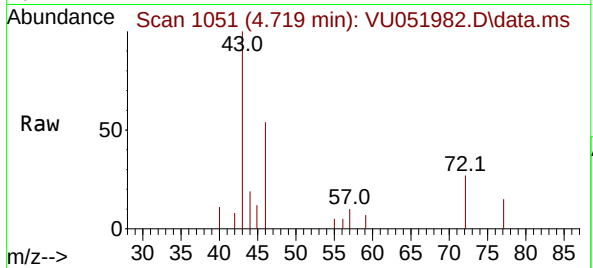




#22
2-Butanone
Concen: 2.895 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. 0.022 min
Lab File: VU051982.D
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Instrument :
MSVOA_U
ClientSampleId :
COKY6

Tgt Ion: 43 Resp: 8436
Ion Ratio Lower Upper
43 100
72 25.1 15.7 47.1



#46
Tetrachloroethene
Concen: 2.004 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051982.D
Acq: 20 Nov 2022 18:40

Tgt Ion:164 Resp: 4762
Ion Ratio Lower Upper
164 100
129 84.3 68.5 127.1
131 92.3 66.6 123.8
166 111.1 91.9 170.7

