

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112022\
 Data File : VU051981.D
 Acq On : 20 Nov 2022 18:14
 Operator : JC/MD
 Sample : N5710-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KY4

Quant Time: Nov 21 01:03:02 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)

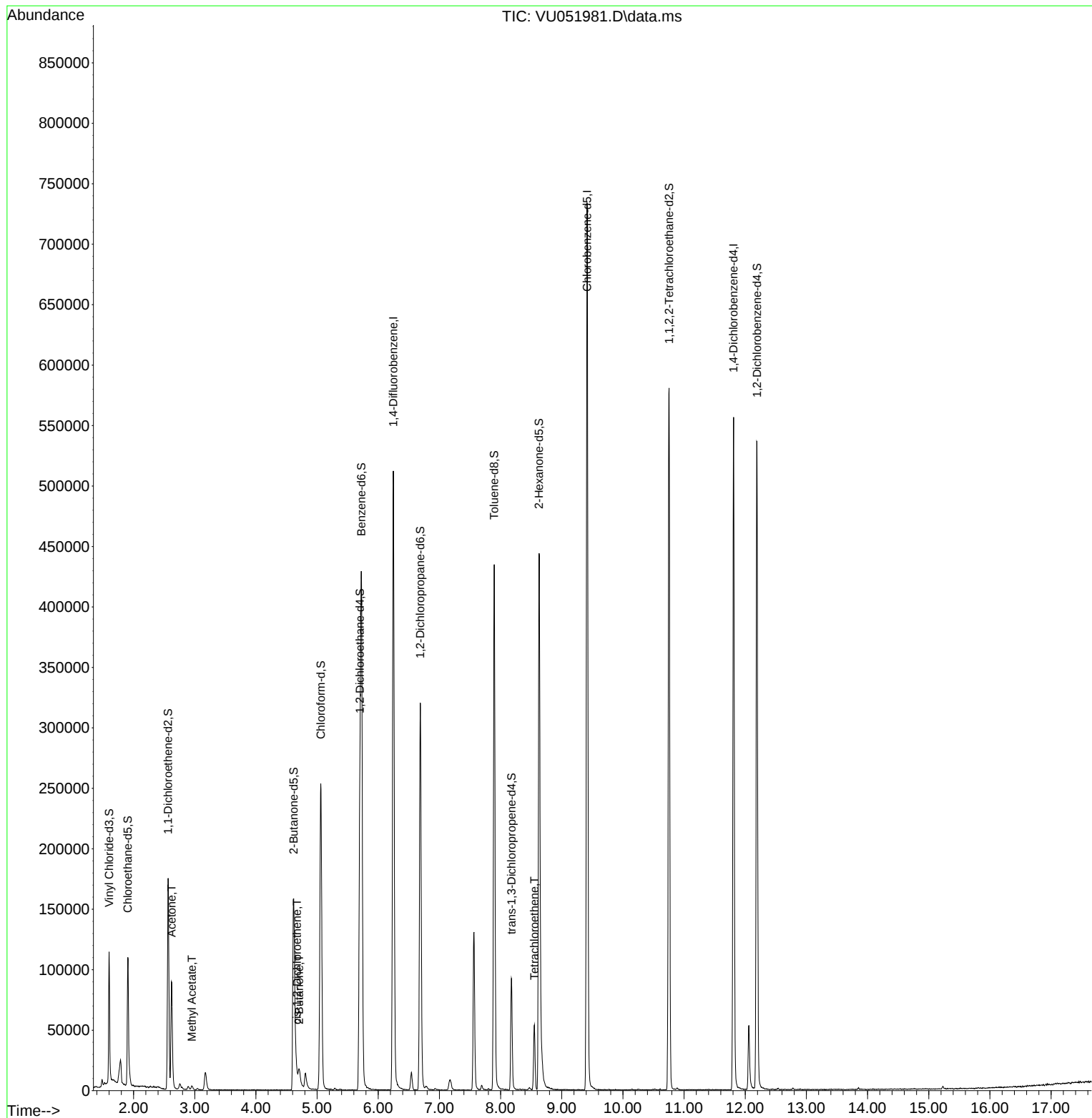
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	429030	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	427449	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	152128	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	79527	37.758	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.520%
7) Chloroethane-d5	1.906	69	92731	43.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.880%
11) 1,1-Dichloroethene-d2	2.565	63	102634	27.173	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.340%#
21) 2-Butanone-d5	4.616	46	232740	97.176	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.180%
24) Chloroform-d	5.060	84	240712	45.590	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.180%
26) 1,2-Dichloroethane-d4	5.700	65	152362	47.141	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.280%
32) Benzene-d6	5.726	84	412685	46.304	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.687	67	160984	48.526	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.060%
41) Toluene-d8	7.896	98	302145	41.302	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.179	79	53724	40.657	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.320%
47) 2-Hexanone-d5	8.629	63	147653	87.574	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.570%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	302510	46.852	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.700%
66) 1,2-Dichlorobenzene-d4	12.192	152	147936	55.258	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.520%
Target Compounds						
					Qvalue	
13) Acetone	2.620	43	93720	36.575	ug/L	99
15) Methyl Acetate	2.951	43	4193	1.200	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	2203	0.685	ug/L	74
22) 2-Butanone	4.706	43	23072	7.973	ug/L	93
46) Tetrachloroethene	8.552	164	12404	5.332	ug/L	95

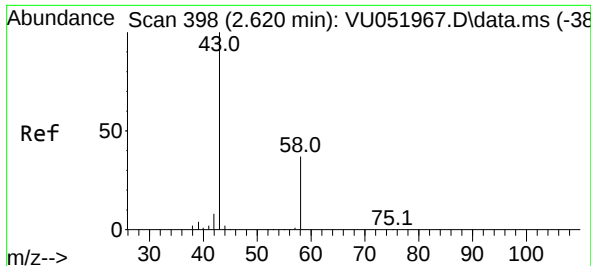
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 36.575 ug/L

RT: 2.620 min Scan# 398

Delta R.T. -0.000 min

Lab File: VU051981.D

Acq: 20 Nov 2022 18:14

Instrument :

MSVOA_U

ClientSampleId :

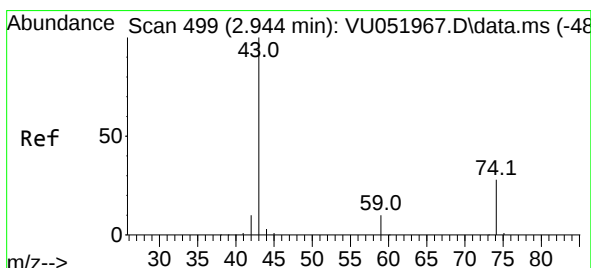
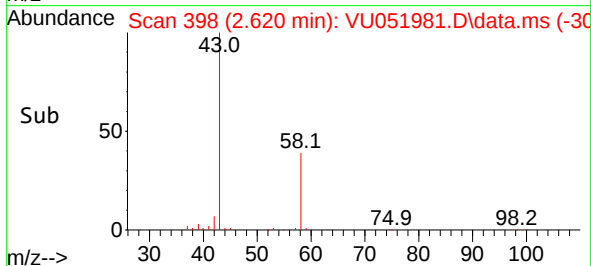
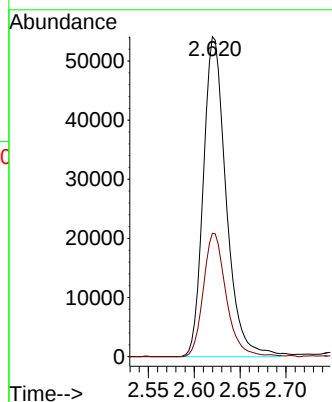
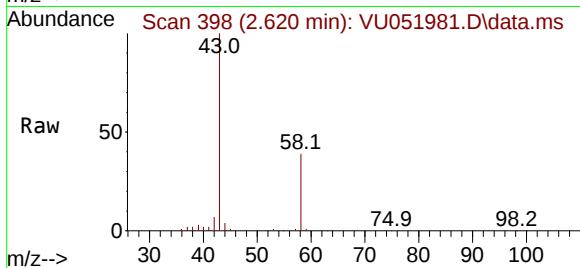
C0KY4

Tgt Ion: 43 Resp: 93720

Ion Ratio Lower Upper

43 100

58 38.3 0.0 75.4



#15

Methyl Acetate

Concen: 1.200 ug/L

RT: 2.951 min Scan# 501

Delta R.T. 0.009 min

Lab File: VU051981.D

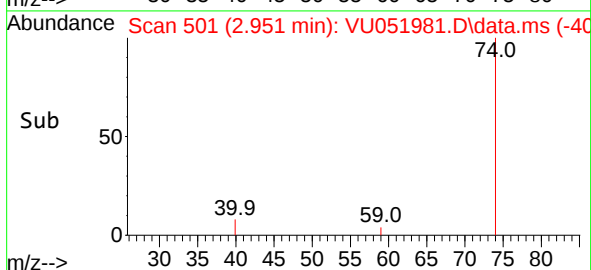
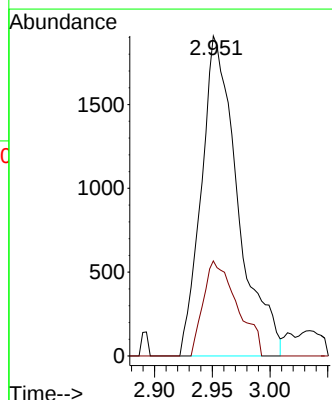
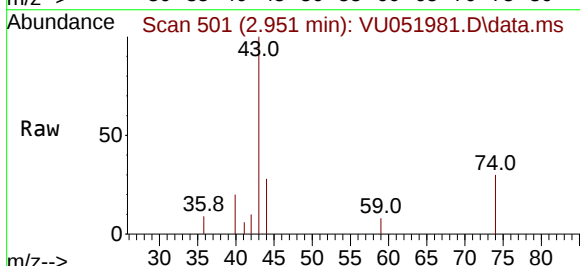
Acq: 20 Nov 2022 18:14

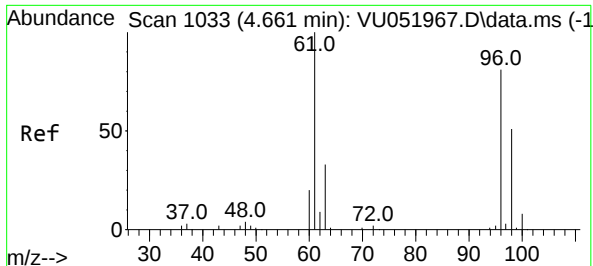
Tgt Ion: 43 Resp: 4193

Ion Ratio Lower Upper

43 100

74 27.5 21.8 32.8

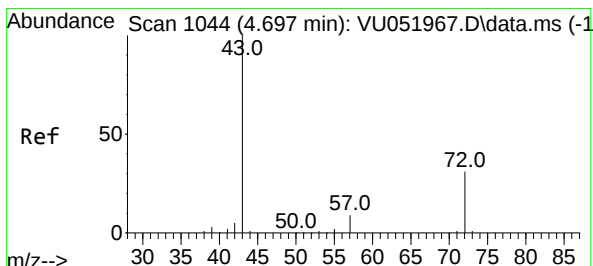
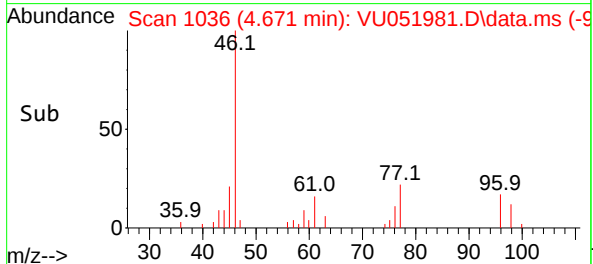
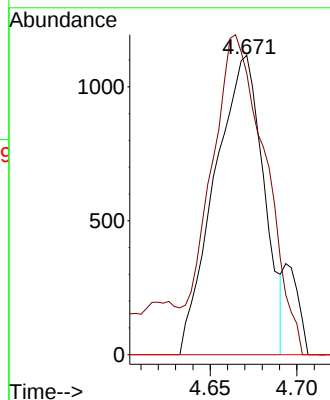
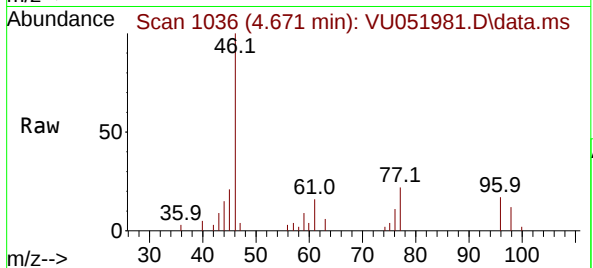




#20
 cis-1,2-Dichloroethene
 Concen: 0.685 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.006 min
 Lab File: VU051981.D
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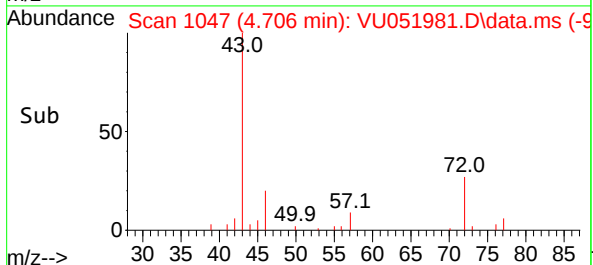
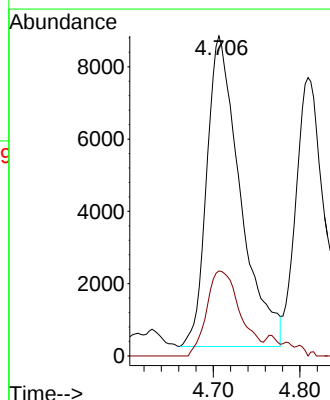
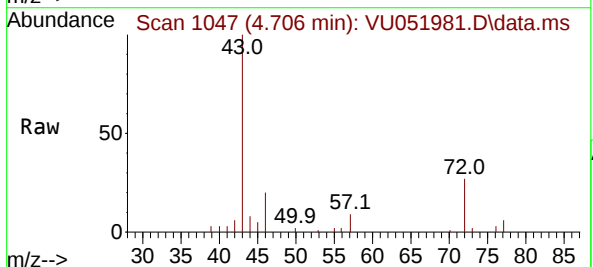
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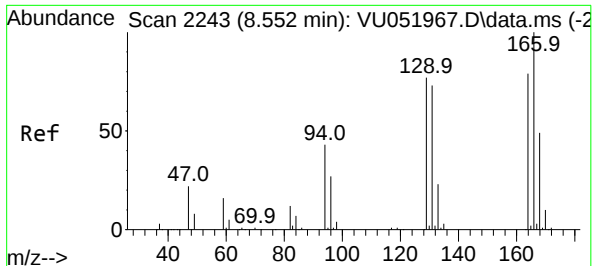
Tgt Ion: 96 Resp: 2203
 Ion Ratio Lower Upper
 96 100
 61 94.0 86.0 159.8
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 7.973 ug/L
 RT: 4.706 min Scan# 1047
 Delta R.T. 0.009 min
 Lab File: VU051981.D
 Acq: 20 Nov 2022 18:14

Tgt Ion: 43 Resp: 23072
 Ion Ratio Lower Upper
 43 100
 72 27.6 15.7 47.1





#46
 Tetrachloroethene
 Concen: 5.332 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU051981.D
 Acq: 20 Nov 2022 18:14

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KY4

Tgt Ion:164 Resp: 12404

Ion	Ratio	Lower	Upper
164	100		
129	92.4	68.5	127.1
131	90.6	66.6	123.8
166	124.3	91.9	170.7

