

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043251.D
 Acq On : 21 Apr 2021 15:31
 Operator : SY/MD
 Sample : M2088-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4487

Quant Time: Apr 22 04:43:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 04:40:57 2021
 Response via : Initial Calibration

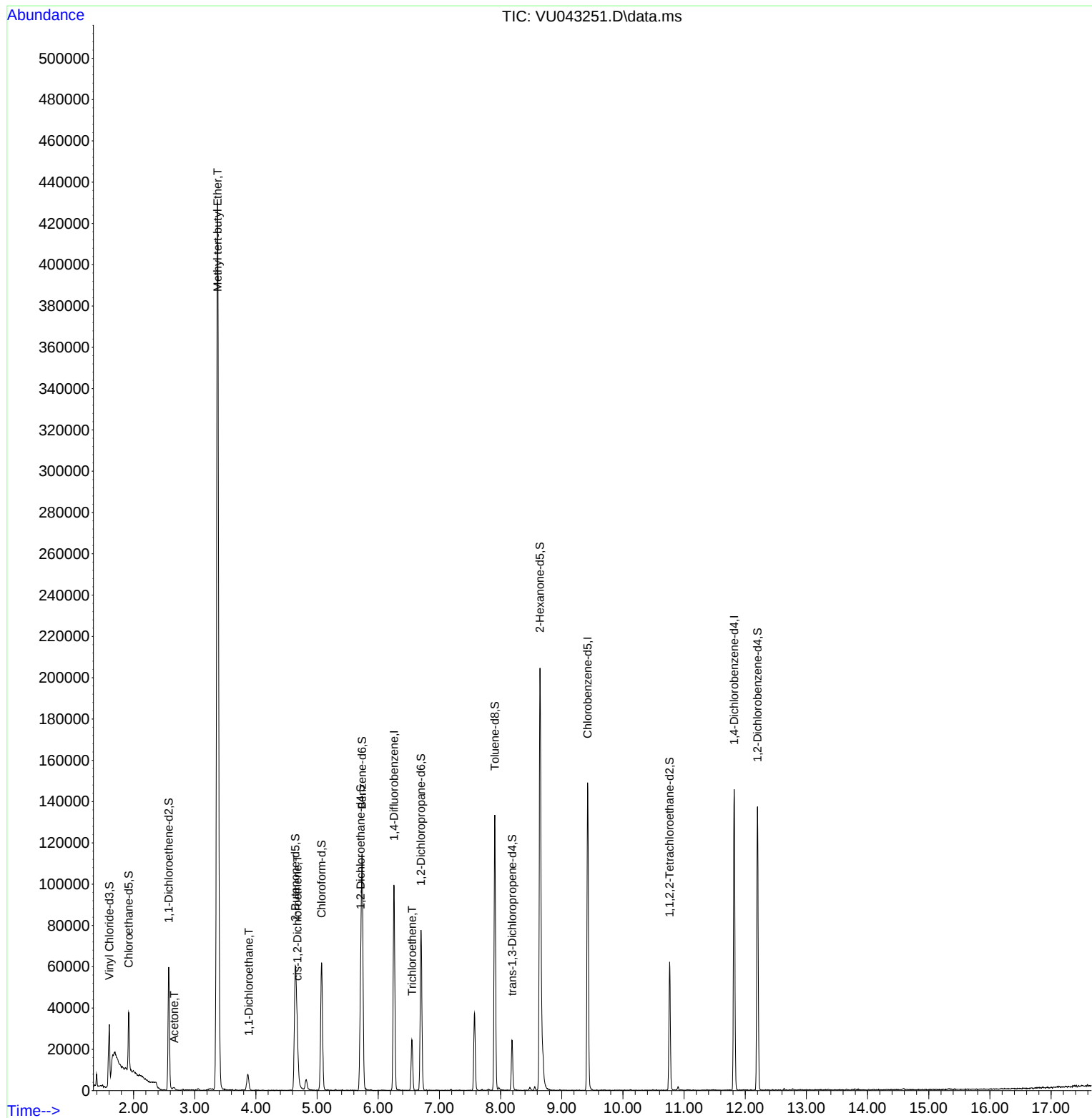
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	72706	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	74620	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	35644	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	17562	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.919	69	18393	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.575	65	11595	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.40%
20) 2-Butanone-d5	4.645	46	107050	66.02	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.04%#
24) Chloroform-d	5.073	84	53964	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.80%
26) 1,2-Dichloroethane-d4	5.713	65	34948	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.735	84	94834	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
36) 1,2-Dichloropropane-d6	6.700	67	32339	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	7.906	98	80594	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloroprop...	8.189	79	12048	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.642	63	62769	49.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.92%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	28126	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	33614	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%
Target Compounds						
13) Acetone	2.665	43	2603	2.18	ug/L	84
17) Methyl tert-butyl Ether	3.372	73	432024	32.69	ug/L	# 92
19) 1,1-Dichloroethane	3.883	63	1616	0.17	ug/L	99
22) cis-1,2-Dichloroethene	4.677	96	5322	1.04	ug/L	80
34) Trichloroethene	6.552	95	7487	1.36	ug/L	97

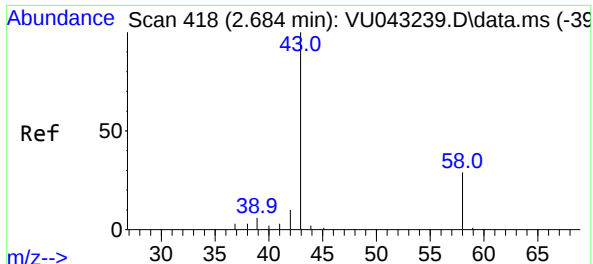
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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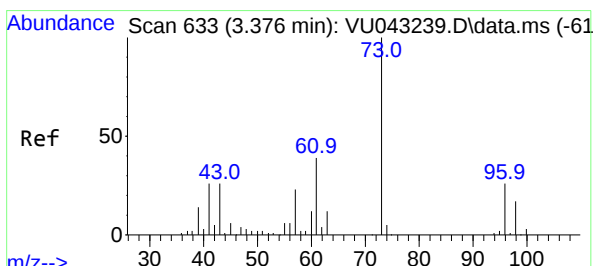
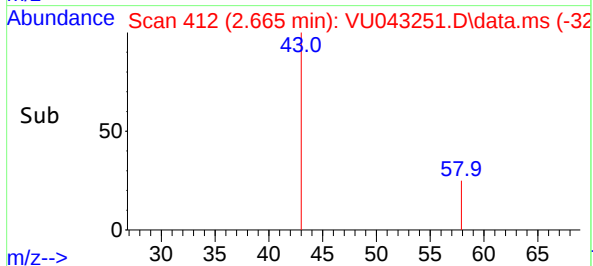
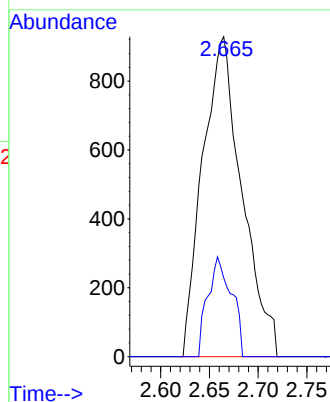
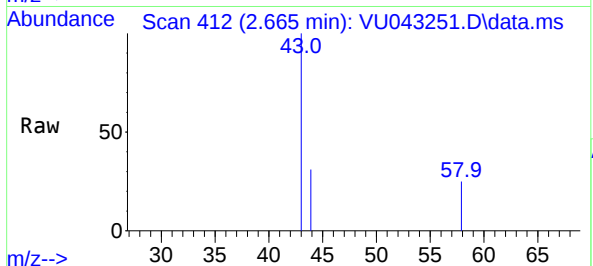




#13
Acetone
Concen: 2.18 ug/L
RT: 2.665 min Scan# 412
Delta R.T. -0.020 min
Lab File: VU043251.D
Acq: 21 Apr 2021 15:31

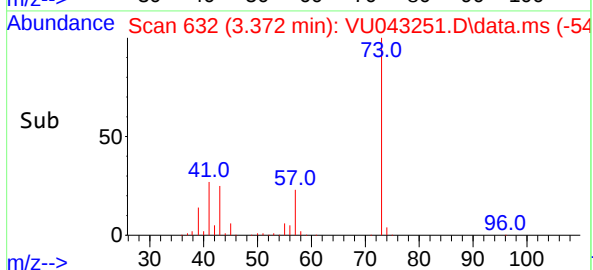
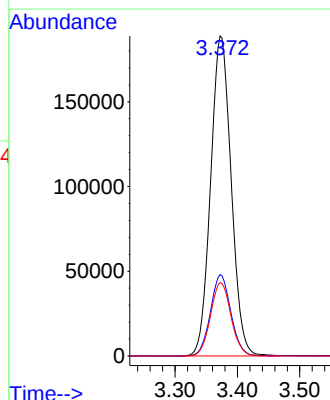
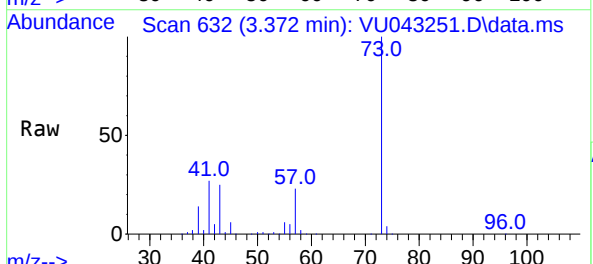
Instrument :
MSVOA_U
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H4487

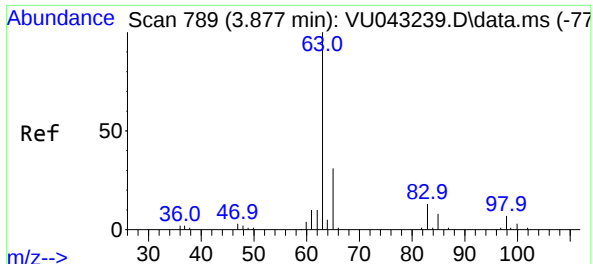
Tgt Ion: 43 Resp: 2603
Ion Ratio Lower Upper
43 100
58 18.8 0.0 25.0



#17
Methyl tert-butyl Ether
Concen: 32.69 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.004 min
Lab File: VU043251.D
Acq: 21 Apr 2021 15:31

Tgt Ion: 73 Resp: 432024
Ion Ratio Lower Upper
73 100
43 25.2 15.0 22.4#
57 22.9 17.3 25.9



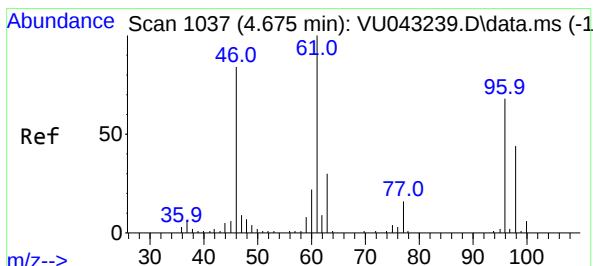
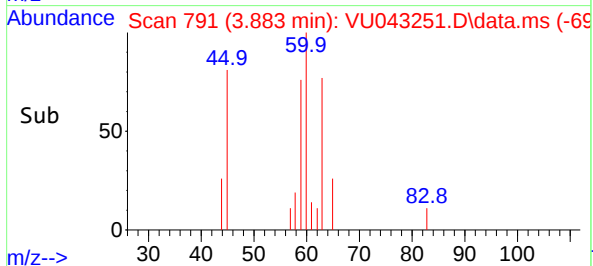
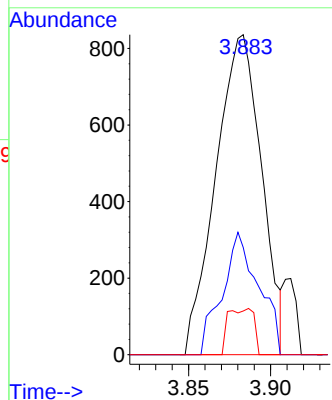
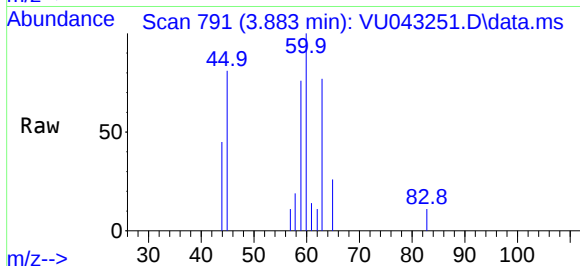


#19

1,1-Dichloroethane
Concen: 0.17 ug/L
RT: 3.883 min Scan# 791
Delta R.T. 0.006 min
Lab File: VU043251.D
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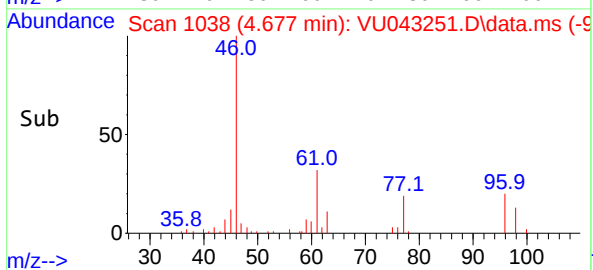
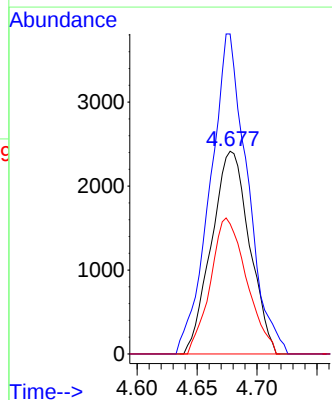
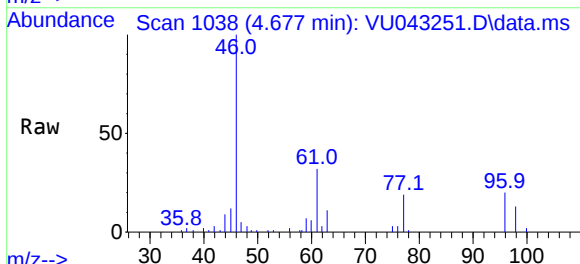
Tgt Ion: 63 Resp: 1616
Ion Ratio Lower Upper
63 100
65 33.5 23.2 43.0
83 13.6 9.9 18.3

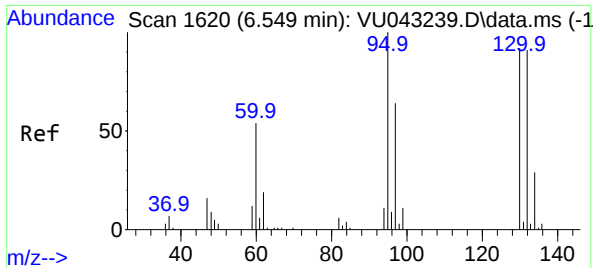


#22

cis-1,2-Dichloroethene
Concen: 1.04 ug/L
RT: 4.677 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU043251.D
Acq: 21 Apr 2021 15:31

Tgt Ion: 96 Resp: 5322
Ion Ratio Lower Upper
96 100
61 157.8 87.4 162.4
98 64.2 47.7 88.5





#34
 Trichloroethene
 Concen: 1.36 ug/L
 RT: 6.552 min Scan# 1621
 Delta R.T. 0.003 min
 Lab File: VU043251.D
 Acq: 21 Apr 2021 15:31

Instrument :
 MSVOA_U
 ClientSampleId :
 H4487

Tgt Ion: 95 Resp: 7487

Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.8	85.2
132	91.1	68.7	127.7
130	99.2	70.1	130.3

