

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012221\
 Data File : VU042181.D
 Acq On : 22 Jan 2021 19:46
 Operator : SY/MD
 Sample : M1222-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E35

Quant Time: Jan 23 07:22:57 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 23 06:18:59 2021
 Response via : Initial Calibration

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

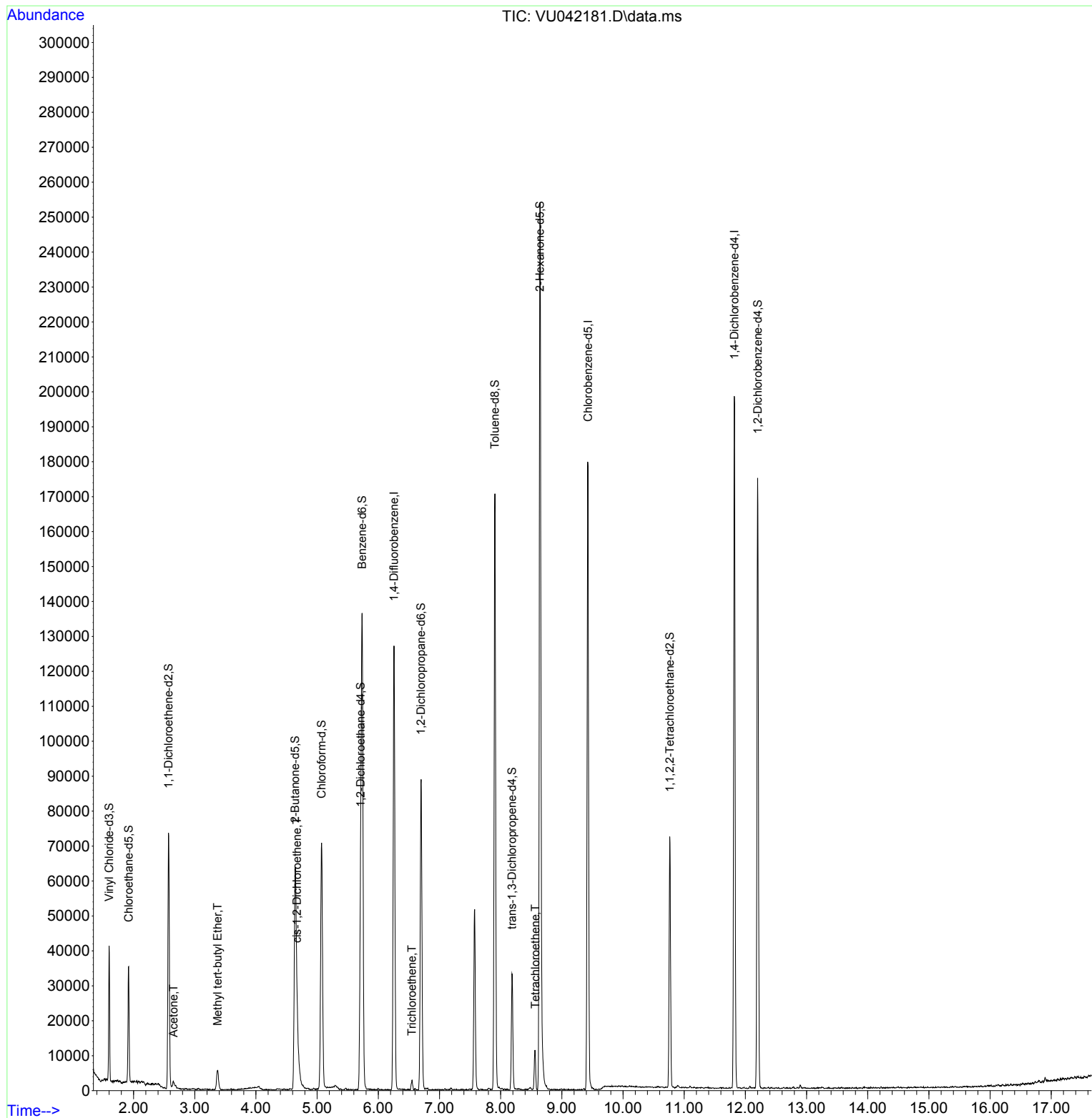
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	98851	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	93673	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	50984	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	24807	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.919	69	22490	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.571	63	45191	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.642	46	125483	53.93	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.86%
24) Chloroform-d	5.073	84	63921	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.710	65	39572	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.735	84	116814	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.700	67	38305	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.906	98	106369	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloroprop...	8.185	79	17598	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.642	63	89724	51.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.06%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	33894	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	44641	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%
Target Compounds						Qvalue
13) Acetone	2.652	43	4280	2.76	ug/L	64
17) Methyl tert-butyl Ether	3.372	73	6126	0.32	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	841	0.11	ug/L	93
34) Trichloroethene	6.549	95	897	0.12	ug/L	91
47) Tetrachloroethene	8.565	164	2467	0.40	ug/L	98

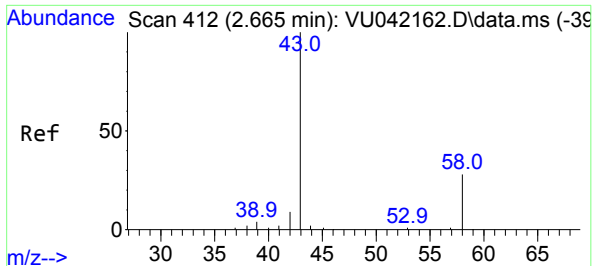
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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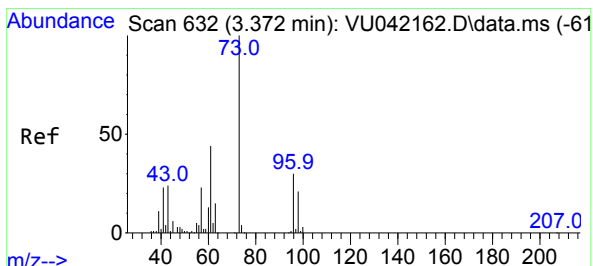
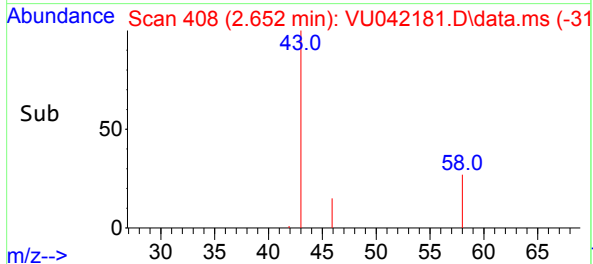
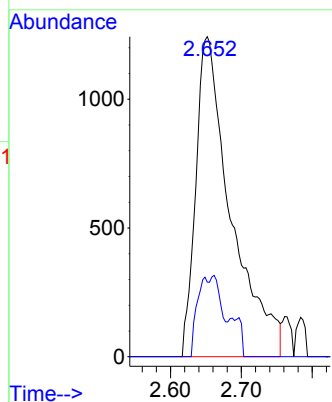
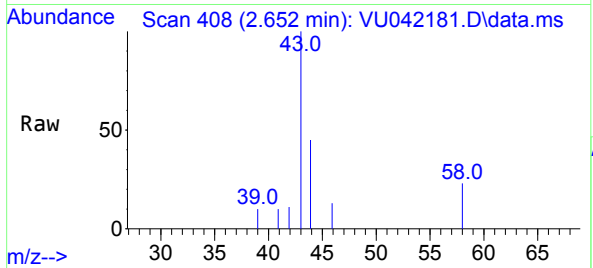




#13
Acetone
Concen: 2.76 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.013 min
Lab File: VU042181.D
Acq: 22 Jan 2021 19:46

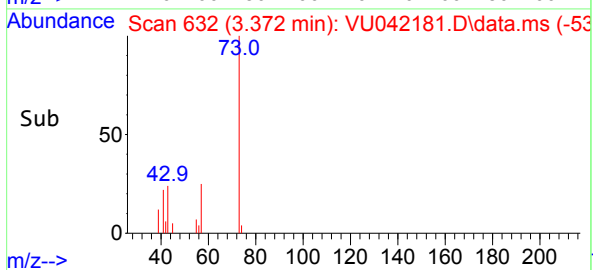
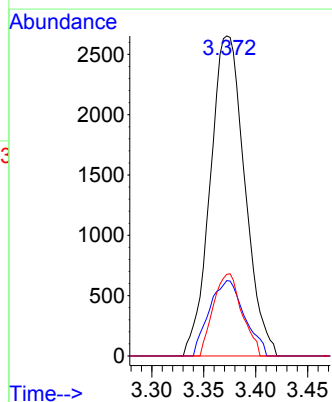
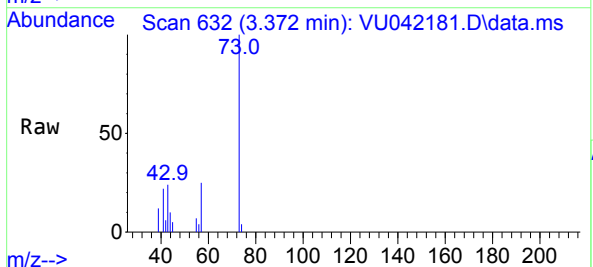
Instrument :
MSVOA_U
ClientSampleId :
F1E35

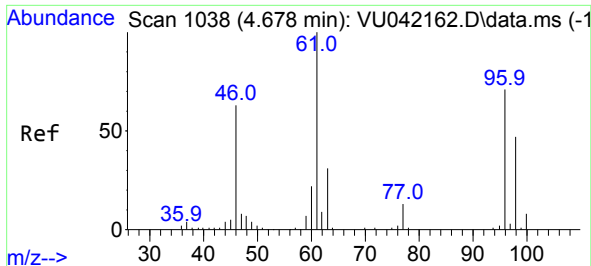
Tgt Ion: 43 Resp: 4280
Ion Ratio Lower Upper
43 100
58 9.0 0.0 55.8



#17
Methyl tert-butyl Ether
Concen: 0.32 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU042181.D
Acq: 22 Jan 2021 19:46

Tgt Ion: 73 Resp: 6126
Ion Ratio Lower Upper
73 100
43 24.0 18.9 28.3
57 21.2 18.2 27.4



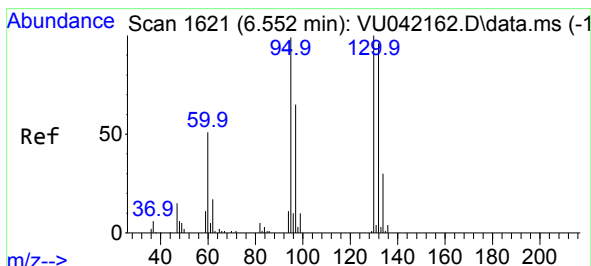
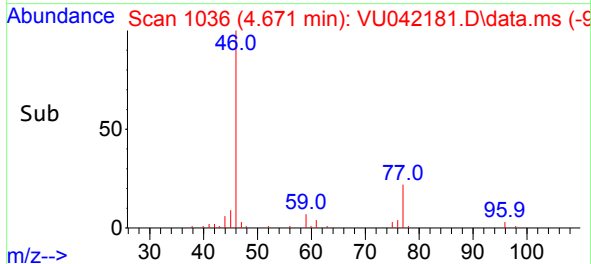
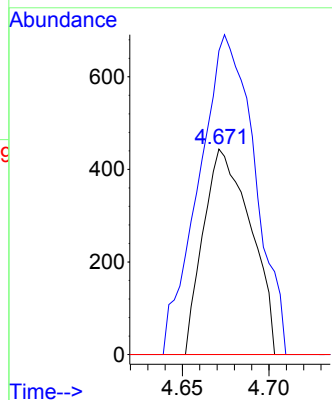
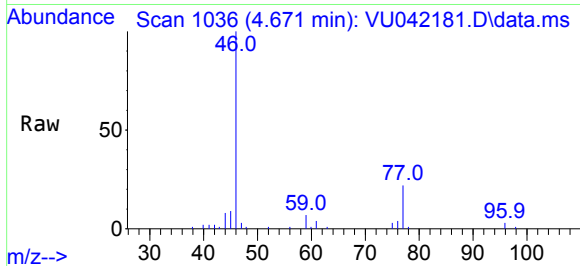


#22
cis-1,2-Dichloroethene
Concen: 0.11 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VU042181.D
Acq: 22 Jan 2021 19:46

Instrument :
MSVOA_U
ClientSampled :
F1E35

Tgt Ion: 96 Resp: 841

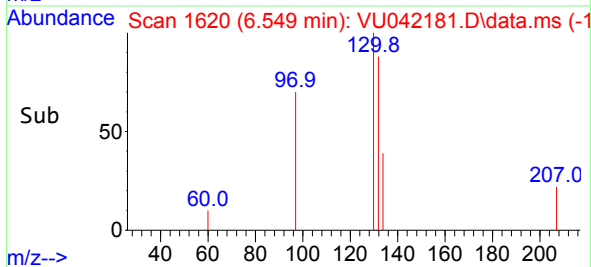
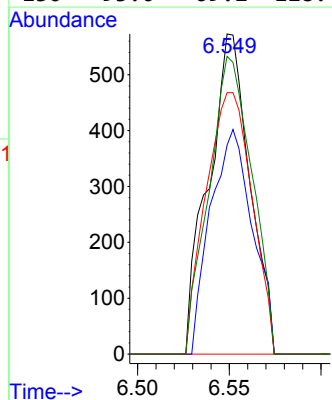
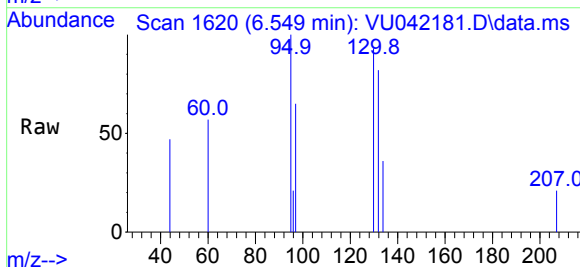
Ion	Ratio	Lower	Upper
96	100		
61	147.7	97.8	181.6
68	0.0	0.0	0.0

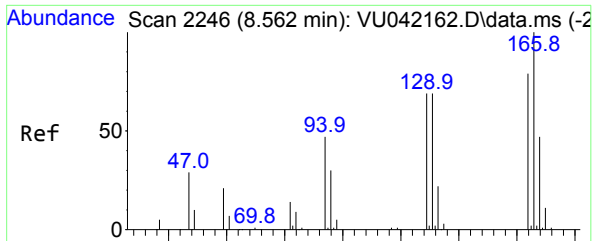


#34
Trichloroethene
Concen: 0.12 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042181.D
Acq: 22 Jan 2021 19:46

Tgt Ion: 95 Resp: 897

Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.4	82.4
132	81.7	68.0	126.4
130	93.0	69.2	128.4





#47
Tetrachloroethene
Concen: 0.40 ug/L
RT: 8.565 min Scan# 2247
Delta R.T. 0.003 min
Lab File: VU042181.D
Acq: 22 Jan 2021 19:46

Instrument :
MSVOA_U
ClientSampleId :
F1E35

Tgt Ion:164 Resp: 2467

Ion	Ratio	Lower	Upper
164	100		
129	90.6	64.3	119.5
131	85.3	62.2	115.6
166	125.5	88.6	164.6

