

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043142.D
 Acq On : 16 Apr 2021 00:10
 Operator : SY/MD
 Sample : M2055-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4481

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 10:21:27 AM

Quant Time: Apr 16 07:16:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 07:14:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	63369	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	62671	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	29102	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	17098	5.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.20%
7) Chloroethane-d5	1.919	69	17316	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.20%
11) 1,1-Dichloroethene-d2	2.571	65	10626	5.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.00%
20) 2-Butanone-d5	4.649	46	96667m	68.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.80%#
24) Chloroform-d	5.073	84	48271	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.80%
26) 1,2-Dichloroethane-d4	5.710	65	31908	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.20%
32) Benzene-d6	5.735	84	85575	5.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.20%
36) 1,2-Dichloropropane-d6	6.700	67	29128	6.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.40%
41) Toluene-d8	7.906	98	78031	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloroprop...	8.189	79	11683	5.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.40%
46) 2-Hexanone-d5	8.645	63	67252	63.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.20%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	26101	6.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.60%#
66) 1,2-Dichlorobenzene-d4	12.201	152	31195	6.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.00%#
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.369	73	3181	0.28	ug/L	# 95
34) Trichloroethene	6.552	95	6840	1.48	ug/L	95
47) Tetrachloroethene	8.562	164	65943	18.02	ug/L	93

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

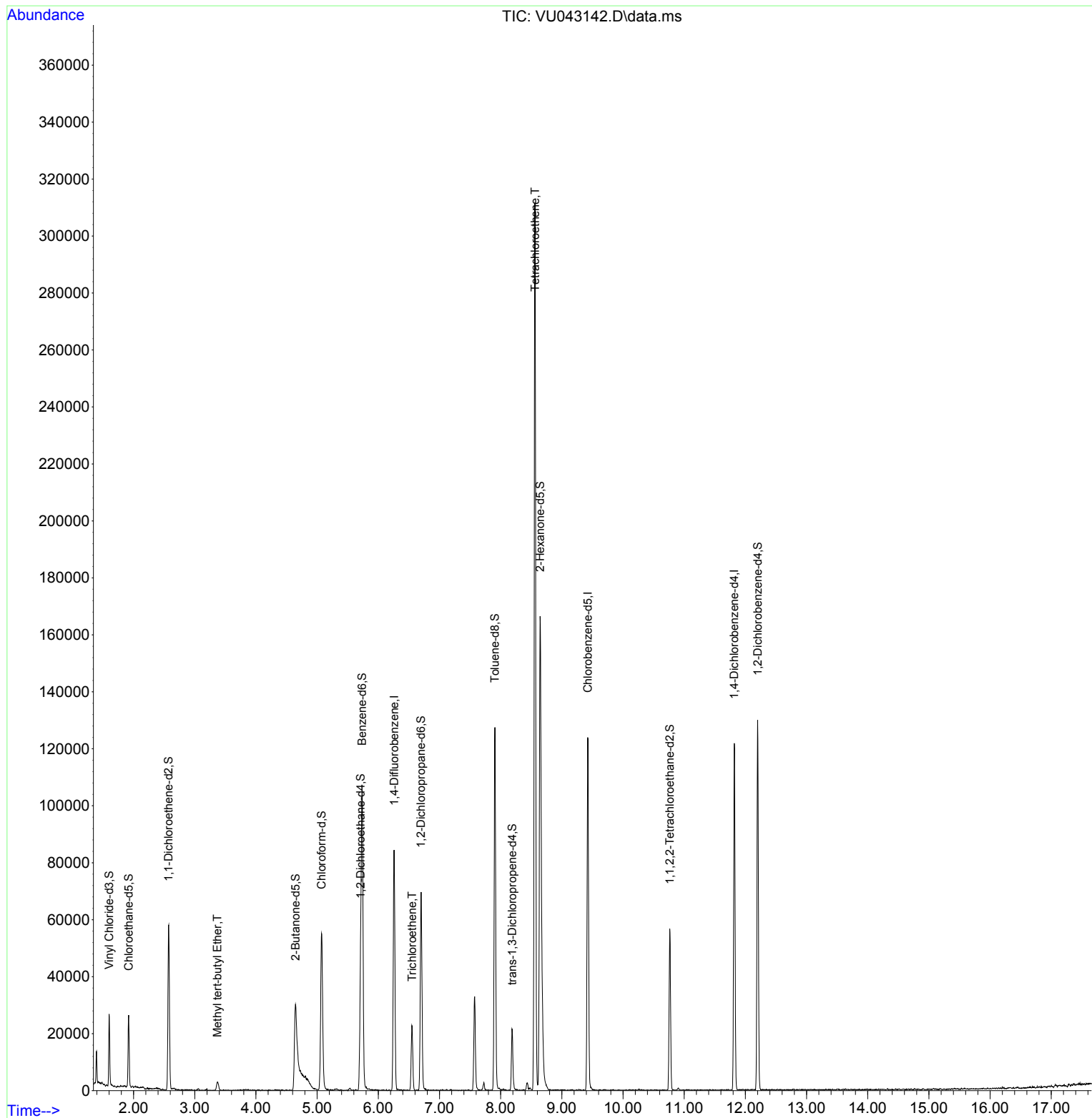
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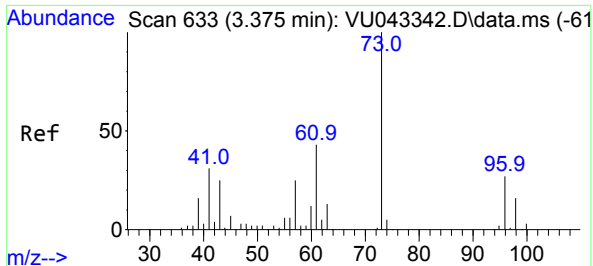
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#17

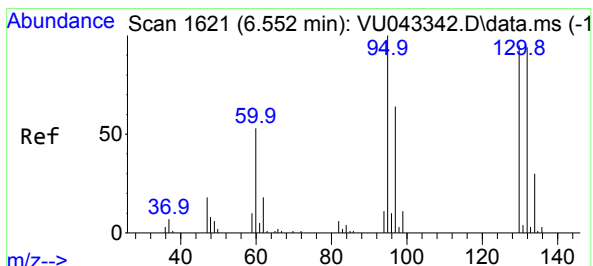
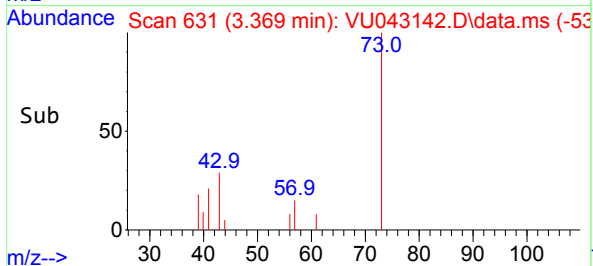
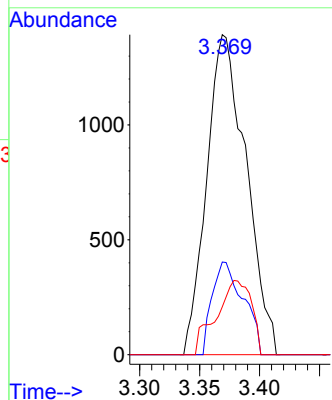
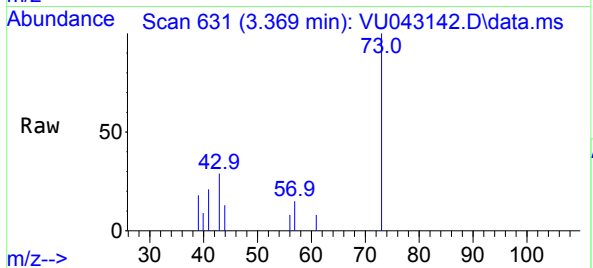
Methyl tert-butyl Ether
Concen: 0.28 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.003 min
Lab File: VU043142.D
Acq: 16 Apr 2021 00:10

Tgt Ion:	73	Resp:	3181
Ion	Ratio	Lower	Upper
73	100		
43	22.9	15.0	22.4#
57	20.7	17.3	25.9

Instrument :
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ClientSampled :
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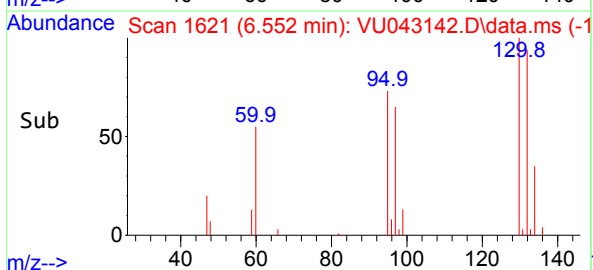
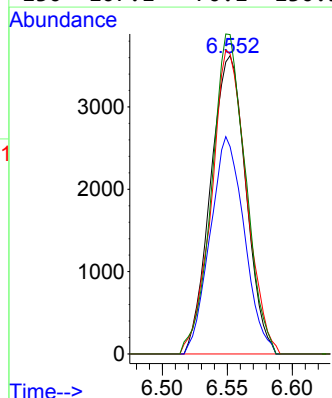
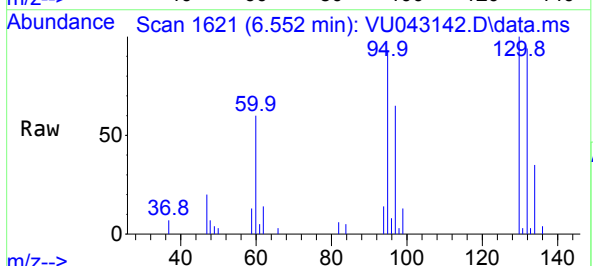
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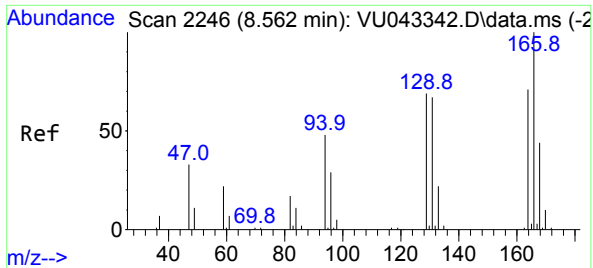


#34

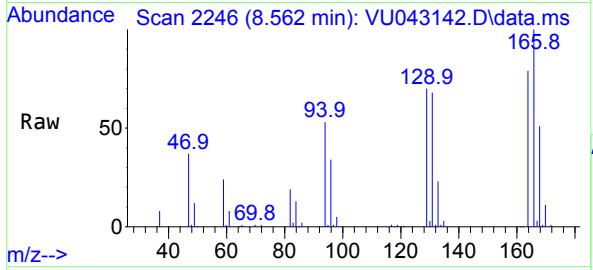
Trichloroethene
Concen: 1.48 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043142.D
Acq: 16 Apr 2021 00:10

Tgt Ion:	95	Resp:	6840
Ion	Ratio	Lower	Upper
95	100		
97	69.4	45.8	85.2
132	100.6	68.7	127.7
130	107.1	70.1	130.3



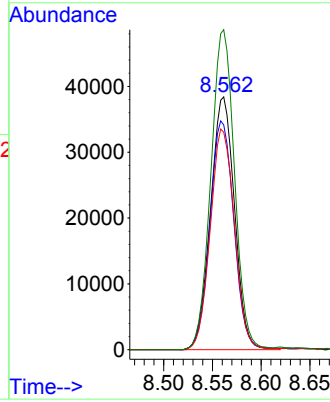
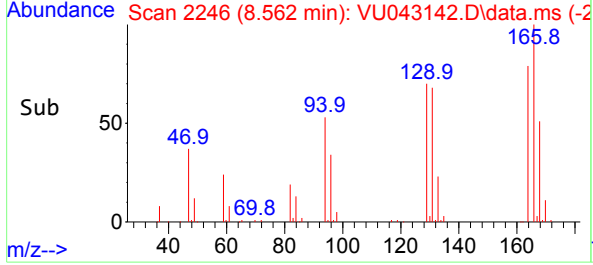


#47
Tetrachloroethene
Concen: 18.02 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043142.D
Acq: 16 Apr 2021 00:10



Tgt Ion:164 Resp: 65943

Ion	Ratio	Lower	Upper
164	100		
129	88.9	66.6	123.8
131	86.0	65.9	122.3
166	126.5	93.7	173.9



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