

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047171.D
 Acq On : 16 Feb 2022 19:15
 Operator : SY/MD
 Sample : N1558-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M62

Quant Time: Feb 17 04:08:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:52:04 2022
 Response via : Initial Calibration

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

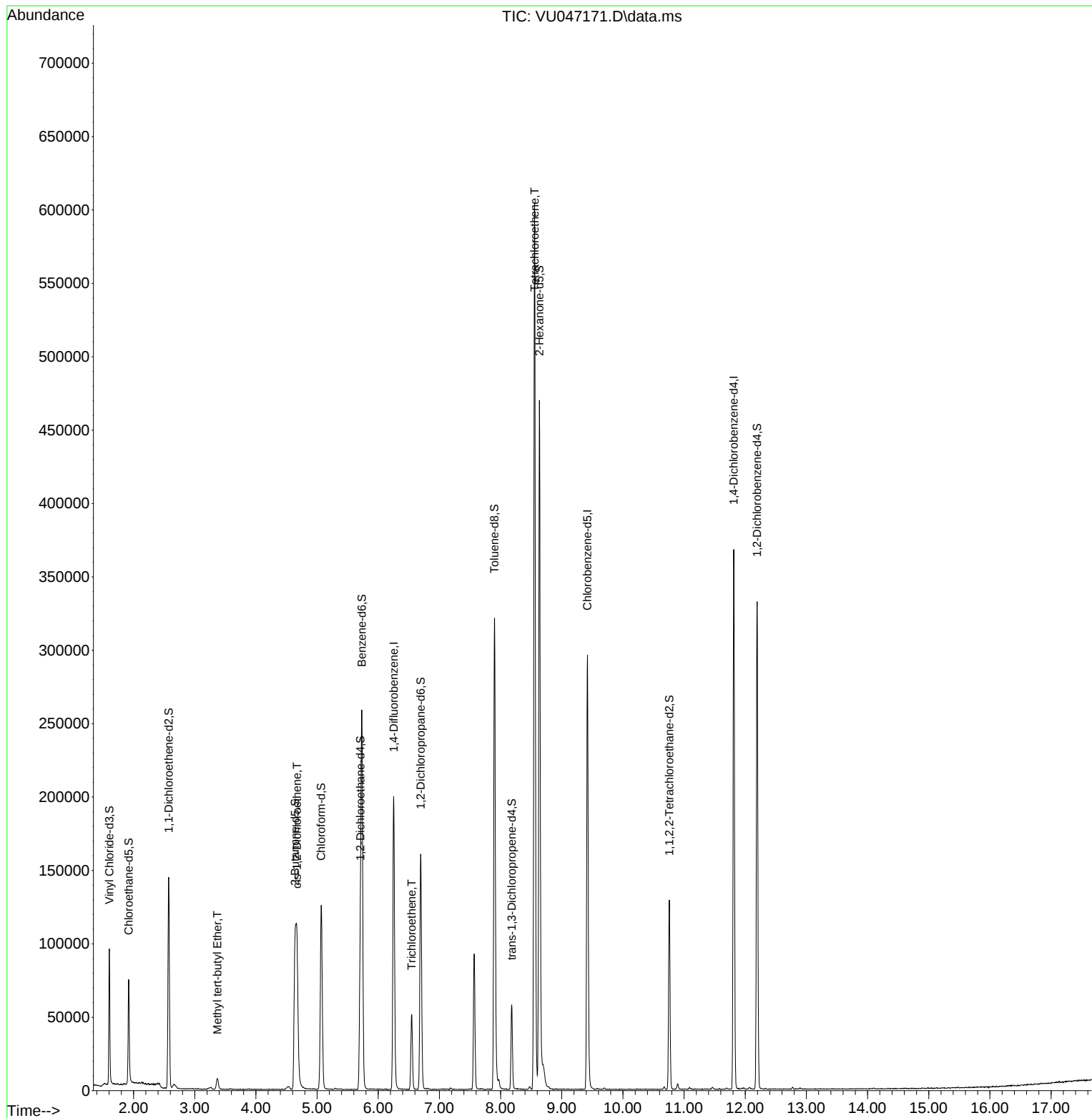
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	172176	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	175638	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	100107	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	67837	4.665	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.919	69	54788	4.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.575	65	26968	4.484	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.642	46	194545	55.973	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.940%
24) Chloroform-d	5.066	84	116264	4.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.706	65	65449	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.732	84	245204	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.693	67	77512	4.964	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.899	98	231292	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	8.182	79	32280	4.560	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.635	63	171524	46.019	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	65308	4.601	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	89989	5.010	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.369	73	8280	0.267	ug/L	# 96
22) cis-1,2-Dichloroethene	4.671	96	33079	2.482	ug/L	98
34) Trichloroethene	6.546	95	17155	1.289	ug/L	93
47) Tetrachloroethene	8.555	164	142747	13.214	ug/L	93

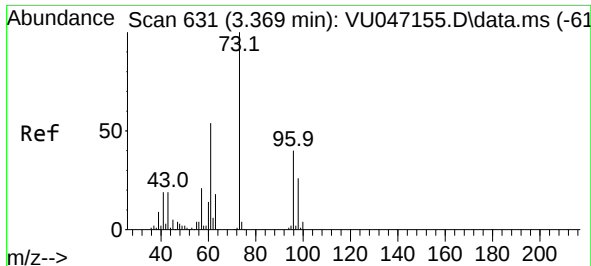
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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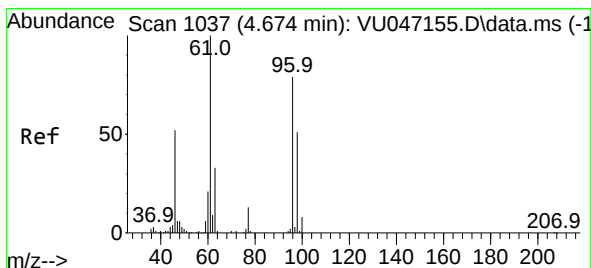
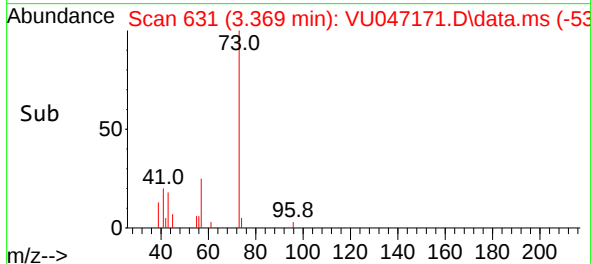
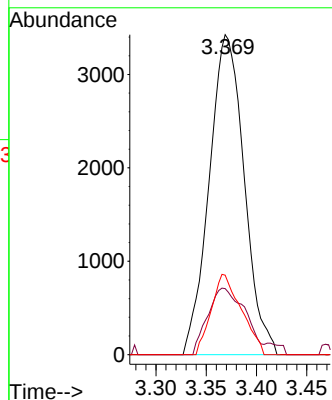
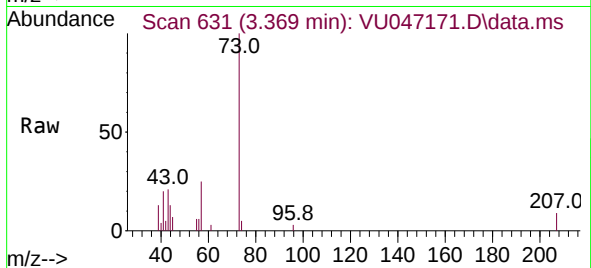




#17
Methyl tert-butyl Ether
Concen: 0.267 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047171.D
Acq: 16 Feb 2022 19:15

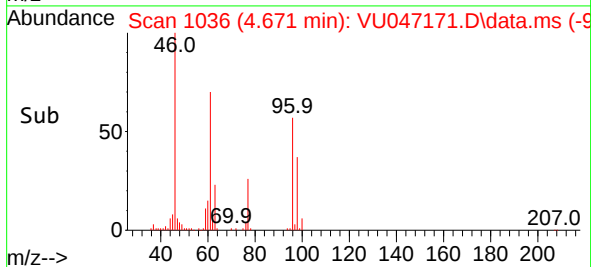
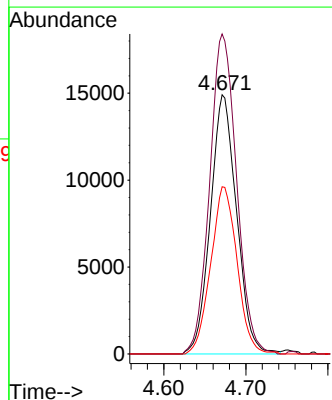
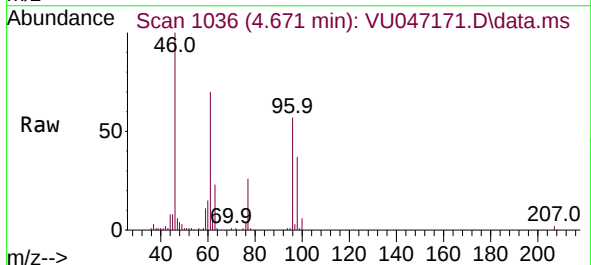
Instrument :
MSVOA_U
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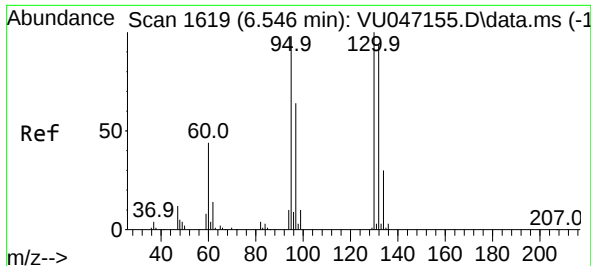
Tgt Ion: 73 Resp: 8280
Ion Ratio Lower Upper
73 100
43 22.4 14.8 22.2#
57 21.6 17.4 26.0



#22
cis-1,2-Dichloroethene
Concen: 2.482 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU047171.D
Acq: 16 Feb 2022 19:15

Tgt Ion: 96 Resp: 33079
Ion Ratio Lower Upper
96 100
61 123.5 88.5 164.3
98 64.5 44.4 82.5



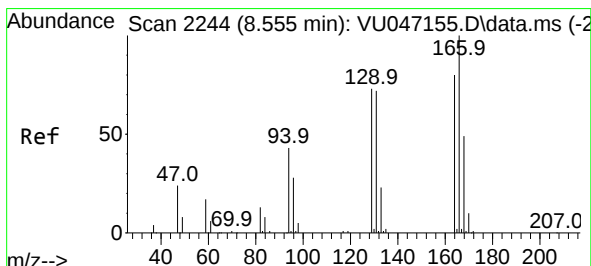
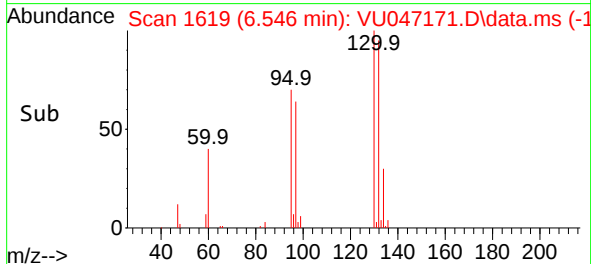
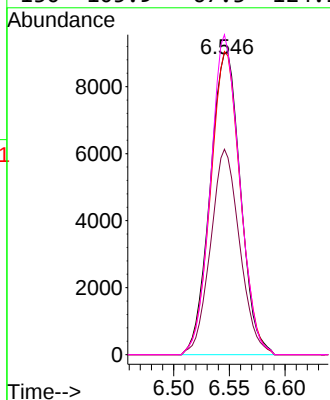
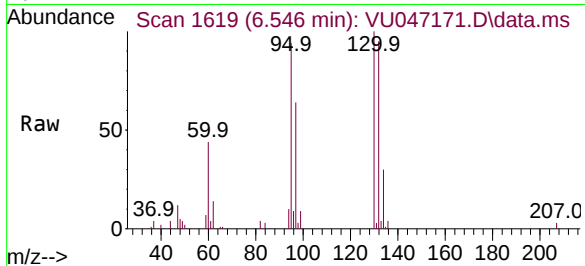


#34
 Trichloroethene
 Concen: 1.289 ug/L
 RT: 6.546 min Scan# 1619
 Delta R.T. -0.000 min
 Lab File: VU047171.D
 Acq: 16 Feb 2022 19:15

Instrument :
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Tgt Ion: 95 Resp: 17155

Ion	Ratio	Lower	Upper
95	100		
97	68.0	46.5	86.5
132	100.3	65.1	120.9
130	105.9	67.3	124.9



#47
 Tetrachloroethene
 Concen: 13.214 ug/L
 RT: 8.555 min Scan# 2244
 Delta R.T. -0.000 min
 Lab File: VU047171.D
 Acq: 16 Feb 2022 19:15

Tgt Ion: 164 Resp: 142747

Ion	Ratio	Lower	Upper
164	100		
129	93.9	71.8	133.4
131	90.3	68.5	127.3
166	128.9	94.1	174.8

