

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045872.D
 Acq On : 18 Nov 2021 16:44
 Operator : SY/MD
 Sample : M4664-05DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4668DL

Quant Time: Nov 19 00:54:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 00:50:55 2021
 Response via : Initial Calibration

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

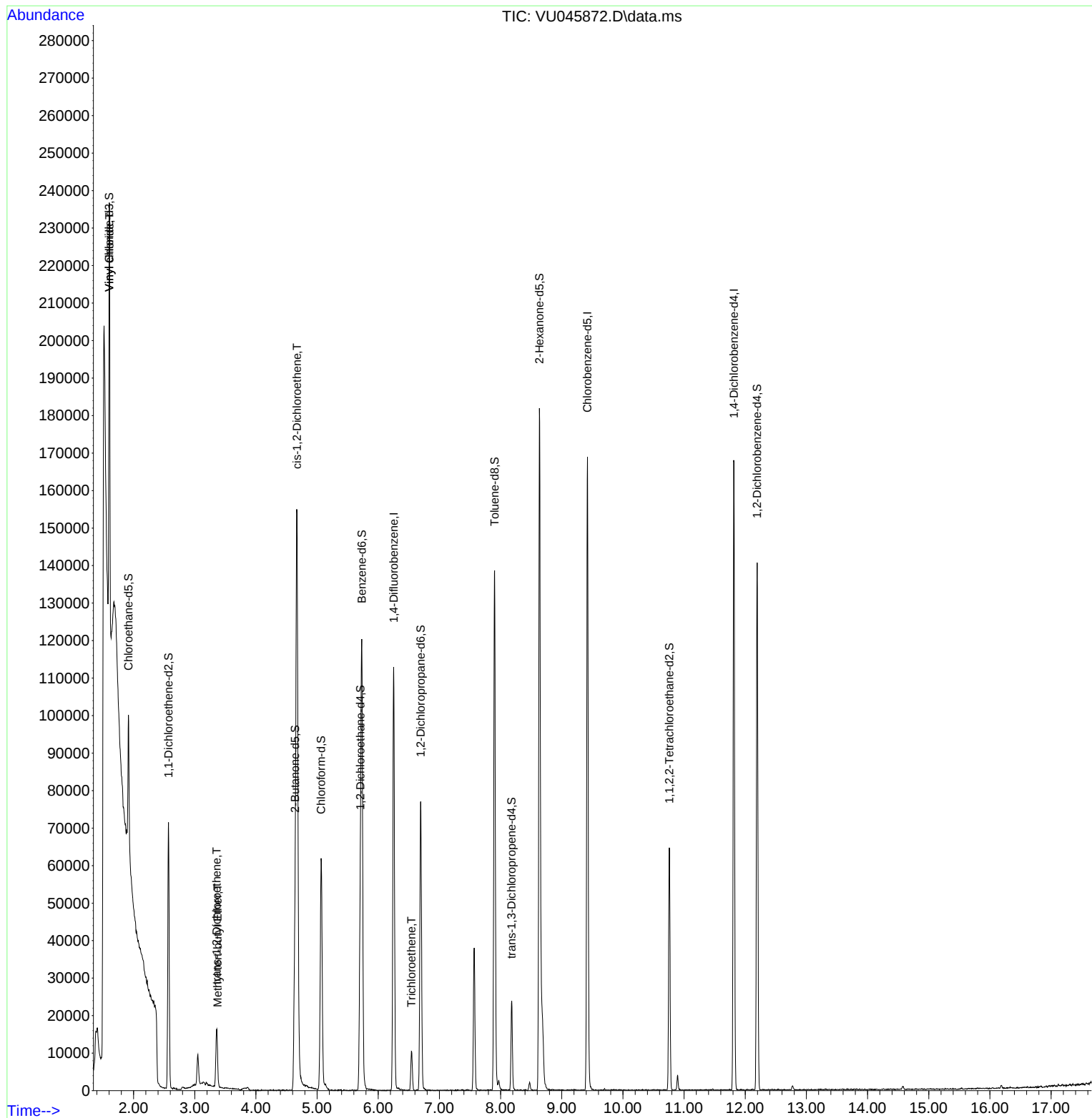
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	89325	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	94086	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	44811	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33086	4.675	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.916	69	25139	4.880	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.572	65	13445	4.530	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.642	46	91390	48.187	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.380%
24) Chloroform-d	5.067	84	57687	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.707	65	32923	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.732	84	114033	4.401	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.694	67	37106	4.544	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.903	98	95135	4.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.179	79	13482	4.067	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.636	63	64030	42.914	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.820%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32620	4.728	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	36253	4.712	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	51913	6.711	ug/L #	1
17) Methyl tert-butyl Ether	3.372	73	1497	0.104	ug/L #	61
18) trans-1,2-Dichloroethene	3.359	96	6343	1.070	ug/L	91
22) cis-1,2-Dichloroethene	4.671	96	71517	11.128	ug/L	99
34) Trichloroethene	6.543	95	3750	0.554	ug/L	92

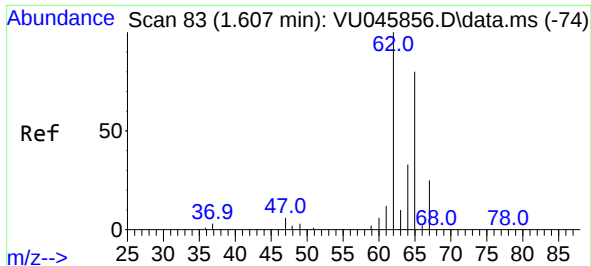
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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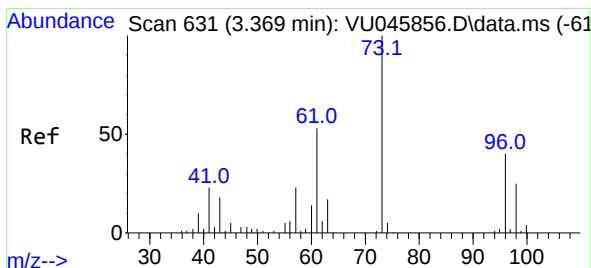
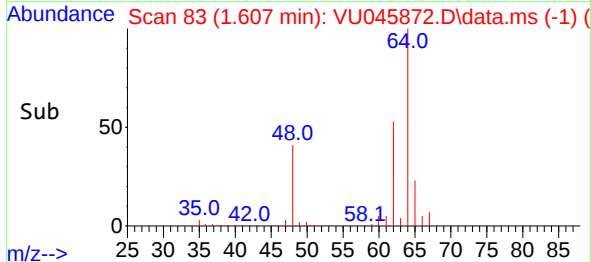
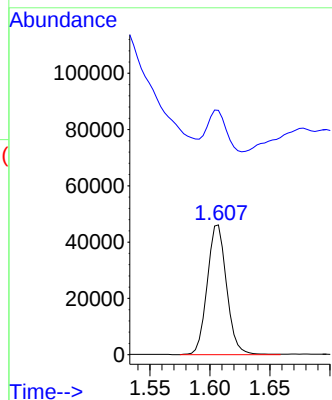
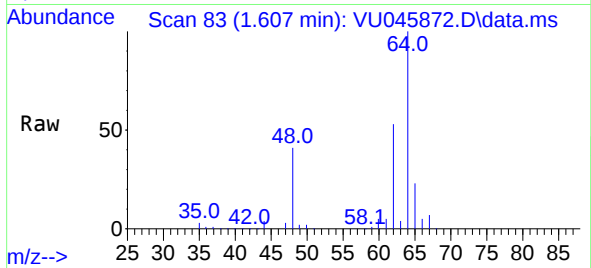




#5
Vinyl chloride
Concen: 6.711 ug/L
RT: 1.607 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU045872.D
Acq: 18 Nov 2021 16:44

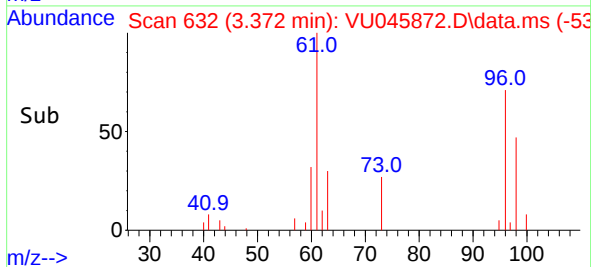
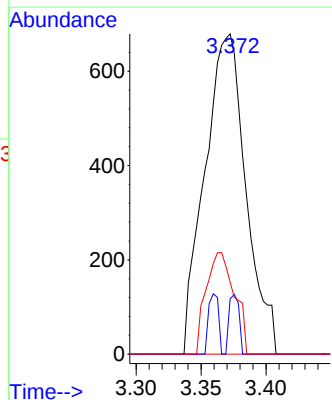
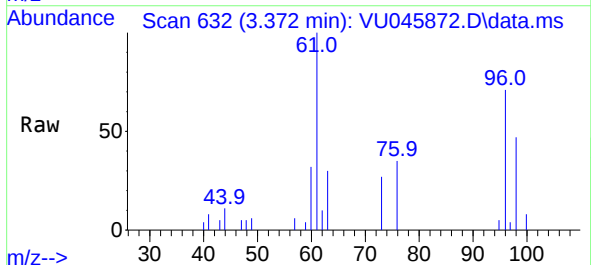
Instrument :
MSVOA_U
ClientSampleId :
H4668DL

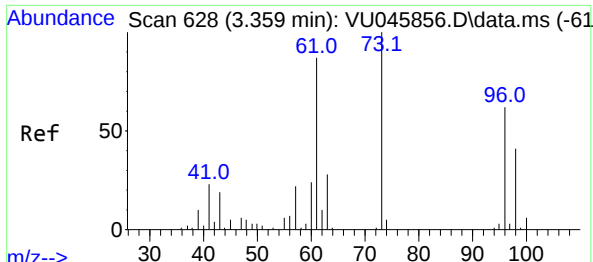
Tgt Ion: 62 Resp: 51913
Ion Ratio Lower Upper
62 100
64 188.3 22.9 42.5#



#17
Methyl tert-butyl Ether
Concen: 0.104 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.003 min
Lab File: VU045872.D
Acq: 18 Nov 2021 16:44

Tgt Ion: 73 Resp: 1497
Ion Ratio Lower Upper
73 100
43 4.5 14.8 22.2#
57 0.0 17.4 26.0#

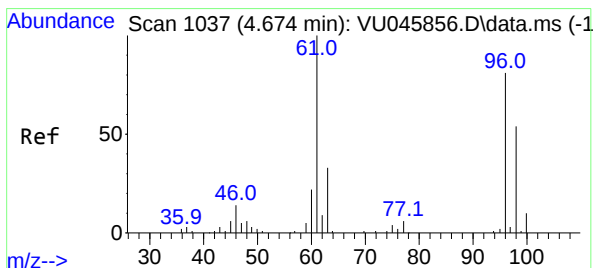
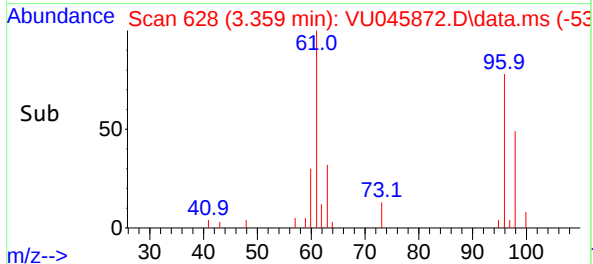
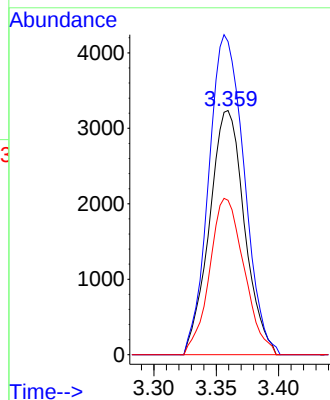
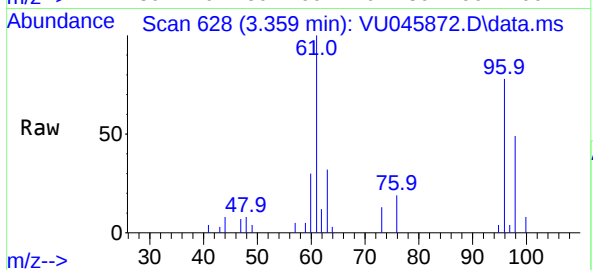




#18
trans-1,2-Dichloroethene
Concen: 1.070 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045872.D
Acq: 18 Nov 2021 16:44

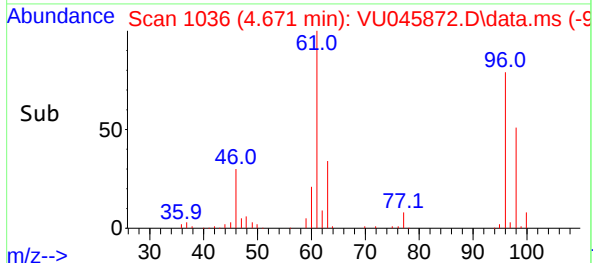
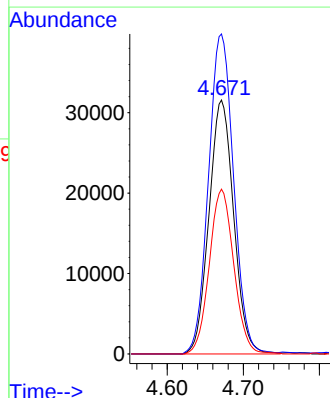
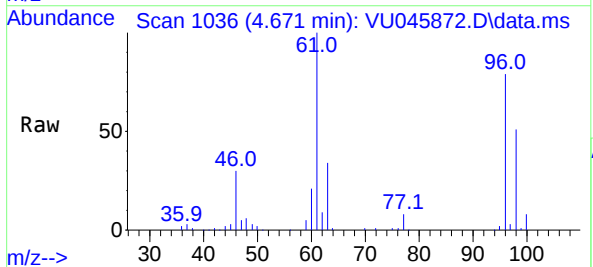
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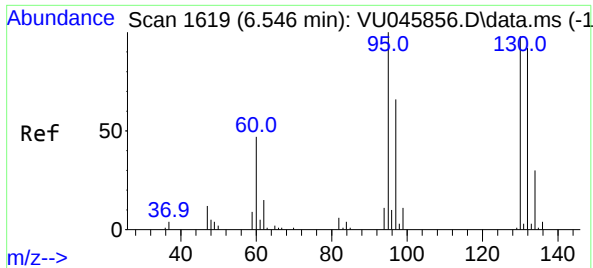
Tgt Ion: 96 Resp: 6343
Ion Ratio Lower Upper
96 100
61 128.2 100.8 187.2
98 63.3 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 11.128 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU045872.D
Acq: 18 Nov 2021 16:44

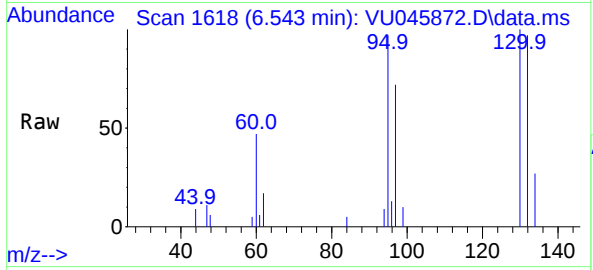
Tgt Ion: 96 Resp: 71517
Ion Ratio Lower Upper
96 100
61 126.0 88.5 164.3
98 64.9 44.4 82.5





#34
 Trichloroethene
 Concen: 0.554 ug/L
 RT: 6.543 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VU045872.D
 Acq: 18 Nov 2021 16:44

Instrument :
 MSVOA_U
 ClientSampleId :
 H4668DL



Tgt Ion: 95 Resp: 3750

Ion	Ratio	Lower	Upper
95	100		
97	74.1	46.5	86.5
132	99.6	65.1	120.9
130	103.1	67.3	124.9

