

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050168.D
 Acq On : 09 Aug 2022 05:36
 Operator : SY/MD
 Sample : N4075-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUX9

Quant Time: Aug 09 07:01:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

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

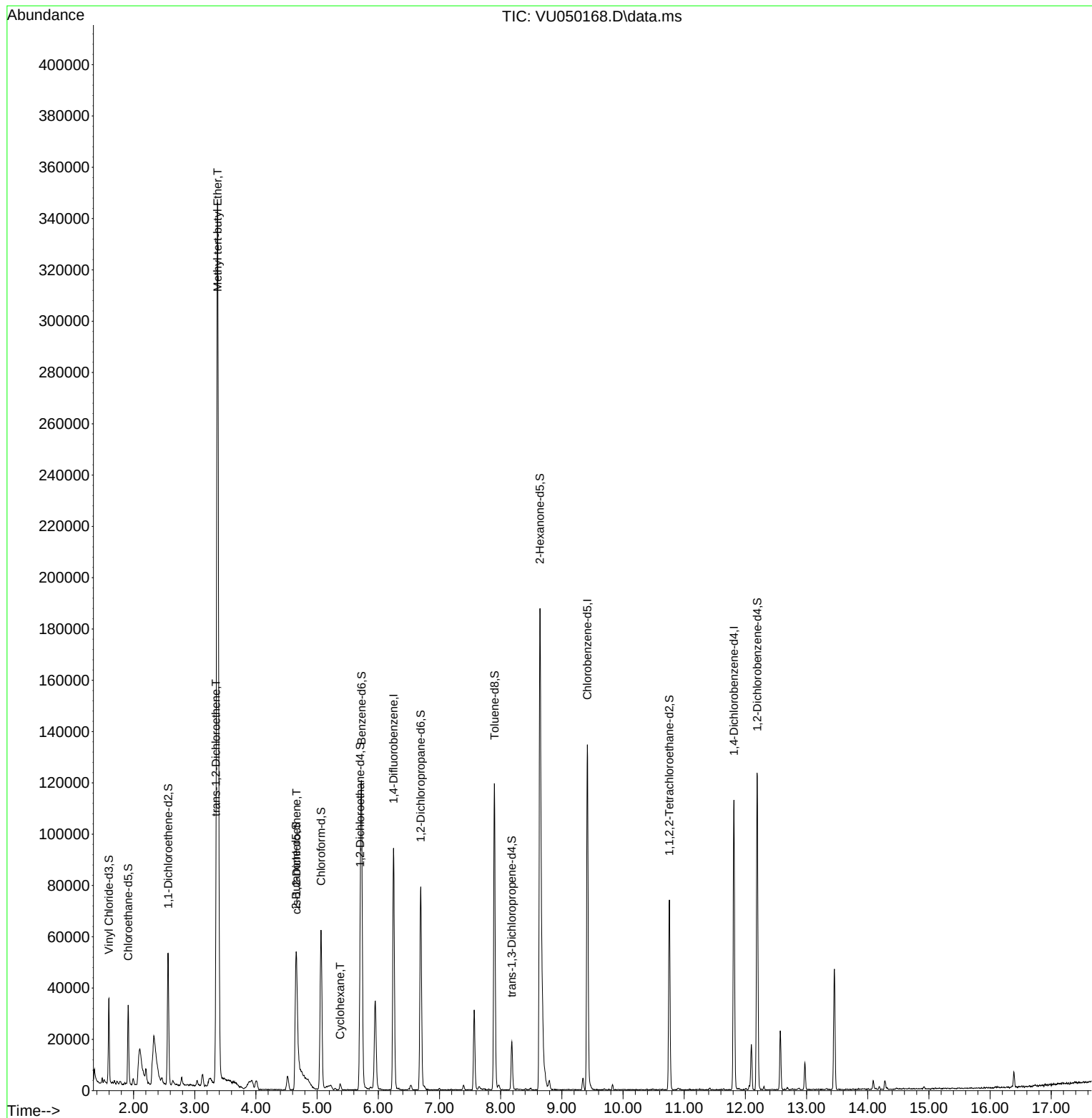
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	77211	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	77776	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	31079	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	22584	3.515	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.912	69	21941	4.232	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.565	65	9619	3.830	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	4.655	46	78274	49.954	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.900%
24) Chloroform-d	5.063	84	59621	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.703	65	31628	5.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.726	84	108270	4.461	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.694	67	40147	5.023	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.899	98	81849	3.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	8.182	79	11616	4.056	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.642	63	68025	66.976	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.960%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38721	5.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	32871	5.398	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.372	73	396620	28.474	ug/L	99
18) trans-1,2-Dichloroethene	3.346	96	1487	0.249	ug/L	82
22) cis-1,2-Dichloroethene	4.665	96	7345	1.107	ug/L	95
30) Cyclohexane	5.375	56	1024	0.123	ug/L #	94

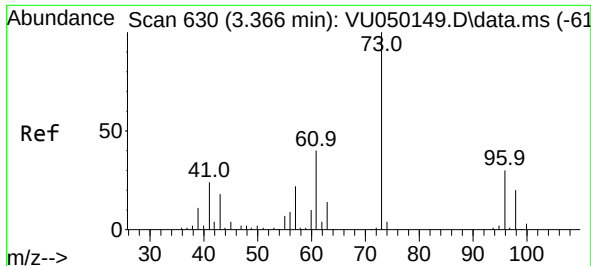
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methyl tert-butyl Ether

Concen: 28.474 ug/L

RT: 3.372 min Scan# 61

Delta R.T. 0.006 min

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Instrument :

MSVOA_U

ClientSampleId :

DBUX9

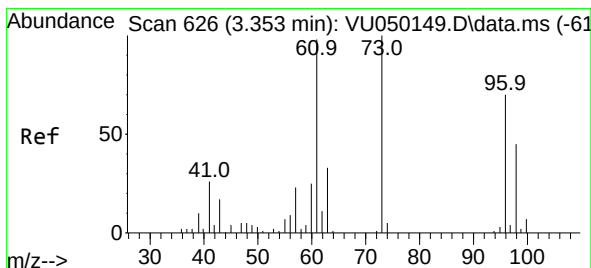
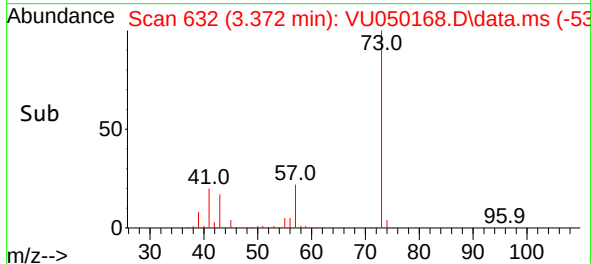
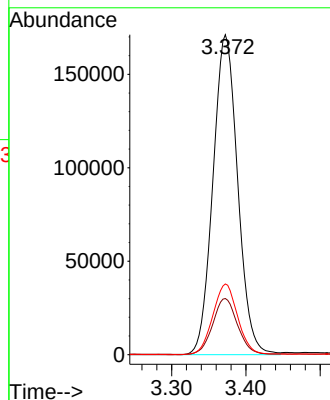
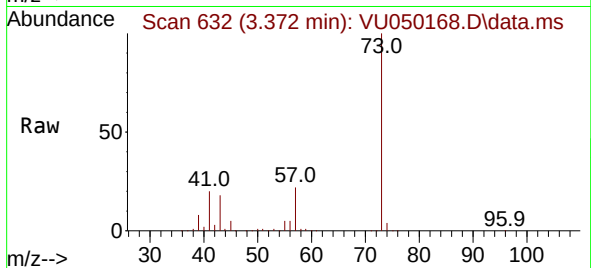
Tgt Ion: 73 Resp: 396620

Ion Ratio Lower Upper

73 100

43 17.4 13.5 20.3

57 22.3 17.4 26.2



#18

trans-1,2-Dichloroethene

Concen: 0.249 ug/L

RT: 3.346 min Scan# 624

Delta R.T. -0.007 min

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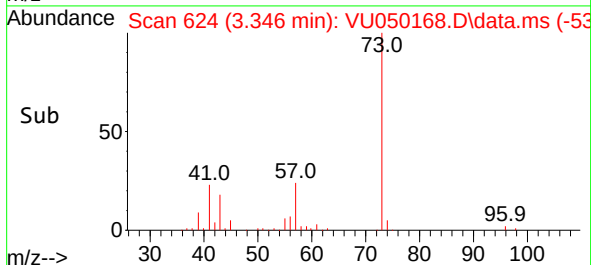
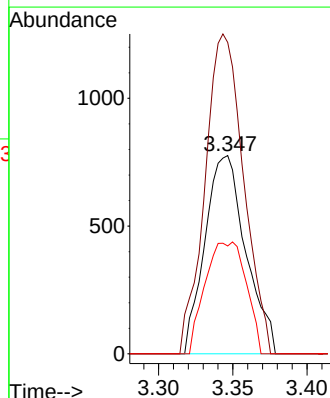
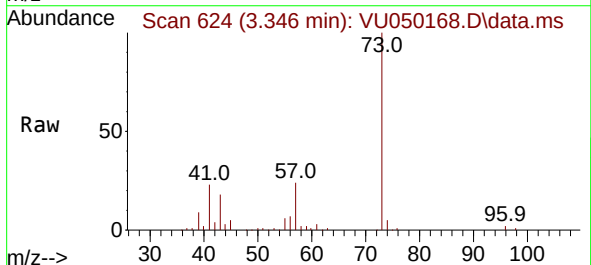
Tgt Ion: 96 Resp: 1487

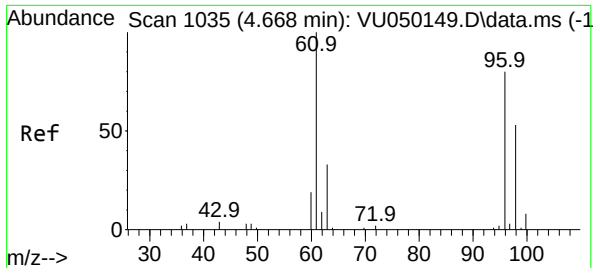
Ion Ratio Lower Upper

96 100

61 157.1 92.3 171.5

98 54.4 43.2 80.2

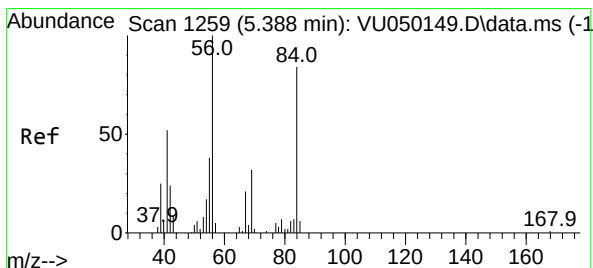
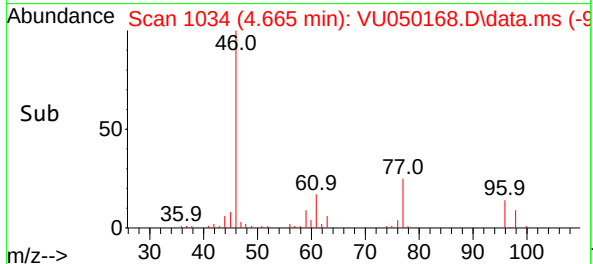
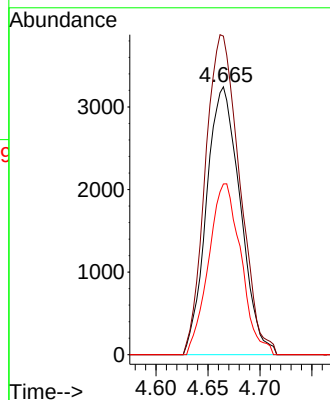
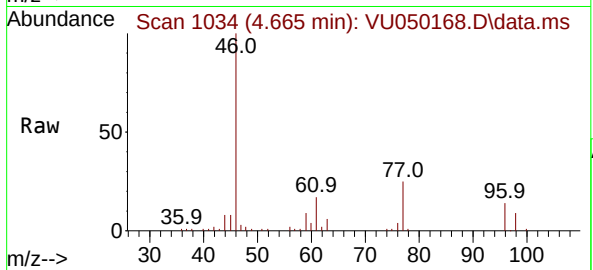




#22
 cis-1,2-Dichloroethene
 Concen: 1.107 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.003 min
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Tgt Ion:	96	Resp:	7345
Ion	Ratio	Lower	Upper
96	100		
61	118.9	89.0	165.4
98	63.7	45.2	84.0



#30
 Cyclohexane
 Concen: 0.123 ug/L
 RT: 5.375 min Scan# 1255
 Delta R.T. -0.013 min
 Lab File: VU050168.D
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Tgt Ion:	56	Resp:	1024
Ion	Ratio	Lower	Upper
56	100		
69	21.4	24.6	37.0#
84	88.4	69.1	103.7

