

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU050999.D
 Acq On : 29 Sep 2022 23:11
 Operator : JC/MD
 Sample : N4869-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J37

Quant Time: Sep 30 01:52:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:30:03 2022
 Response via : Initial Calibration

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

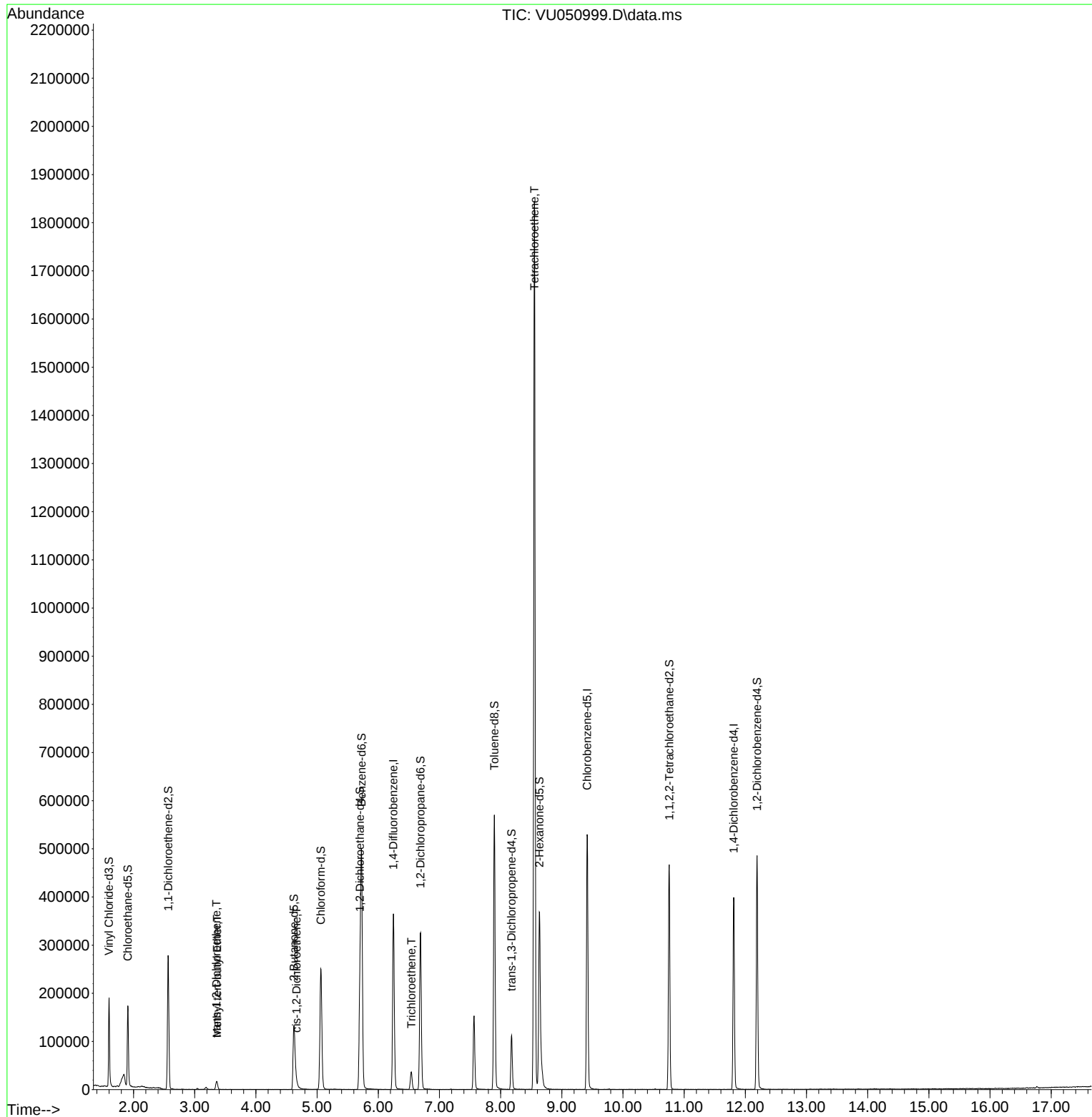
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	291982	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	298484	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	105866	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	135454	45.776	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.560%
7) Chloroethane-d5	1.906	69	123629	44.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.960%
11) 1,1-Dichloroethene-d2	2.565	63	159415	36.471	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.940%
21) 2-Butanone-d5	4.620	46	190326	99.168	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.170%
24) Chloroform-d	5.061	84	234815	49.254	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.500%
26) 1,2-Dichloroethane-d4	5.700	65	151136	51.217	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.440%
32) Benzene-d6	5.726	84	464308	53.120	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.240%
36) 1,2-Dichloropropane-d6	6.691	67	157490	55.527	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.060%
41) Toluene-d8	7.896	98	380500	47.116	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.240%
43) trans-1,3-Dichloroprop...	8.179	79	61585	45.523	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.040%
47) 2-Hexanone-d5	8.633	63	110306	96.316	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.320%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	233073	47.019	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.040%
66) 1,2-Dichlorobenzene-d4	12.192	152	126249	55.823	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.640%
Target Compounds						
17) trans-1,2-Dichloroethene	3.353	96	4207	1.899	ug/L	Qvalue 94
18) Methyl tert-butyl Ether	3.366	73	8232	1.223	ug/L	# 93
20) cis-1,2-Dichloroethene	4.662	96	2299	0.930	ug/L	97
34) Trichloroethene	6.543	95	10808	4.586	ug/L	95
46) Tetrachloroethene	8.552	164	397660	222.633	ug/L	98

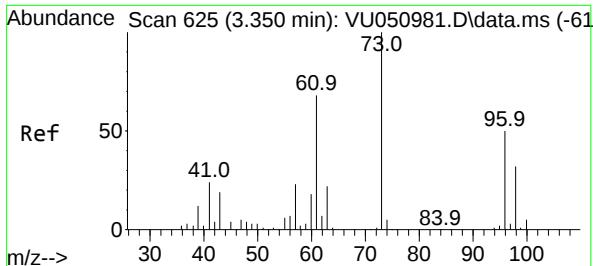
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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#17

trans-1,2-Dichloroethene

Concen: 1.899 ug/L

RT: 3.353 min Scan# 61

Delta R.T. 0.004 min

Lab File: VU050999.D

Acq: 29 Sep 2022 23:11

Instrument :

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ClientSampleId :

F5J37

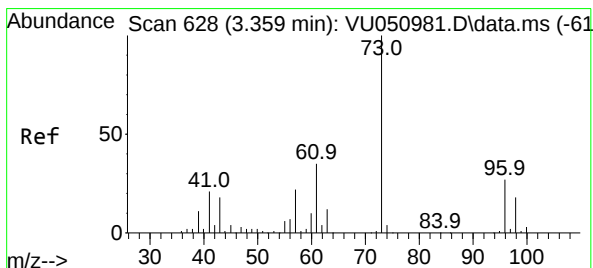
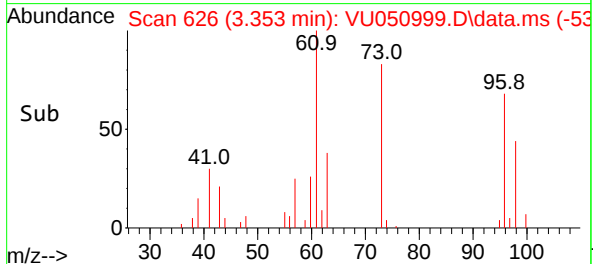
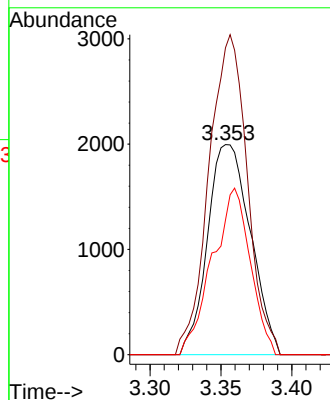
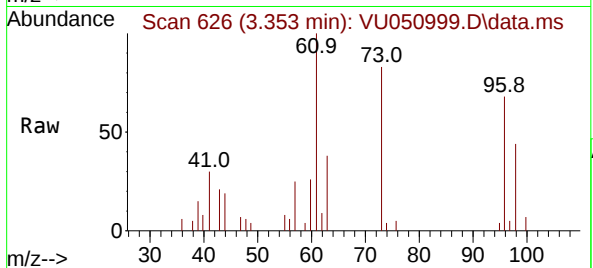
Tgt Ion: 96 Resp: 4207

Ion Ratio Lower Upper

96 100

61 146.0 95.1 176.5

98 64.0 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 1.223 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.007 min

Lab File: VU050999.D

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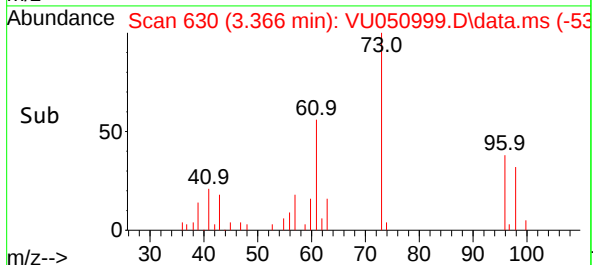
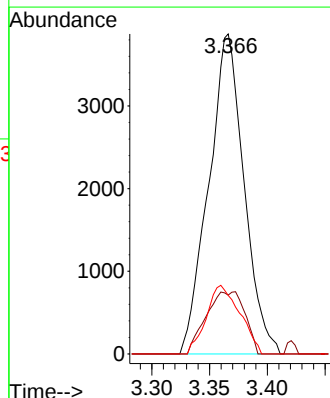
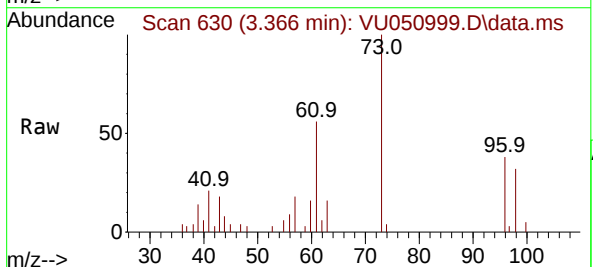
Tgt Ion: 73 Resp: 8232

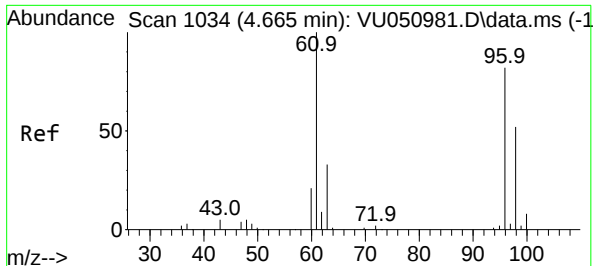
Ion Ratio Lower Upper

73 100

43 12.8 14.7 22.1#

57 20.3 17.5 26.3





#20

cis-1,2-Dichloroethene

Concen: 0.930 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU050999.D

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Instrument :

MSVOA_U

ClientSampleId :

F5J37

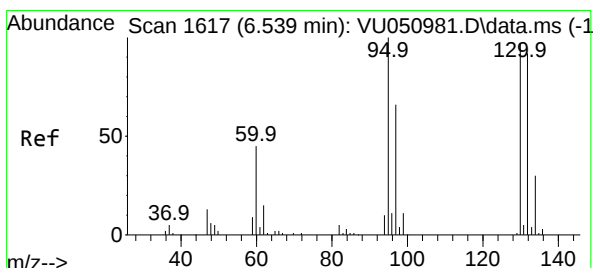
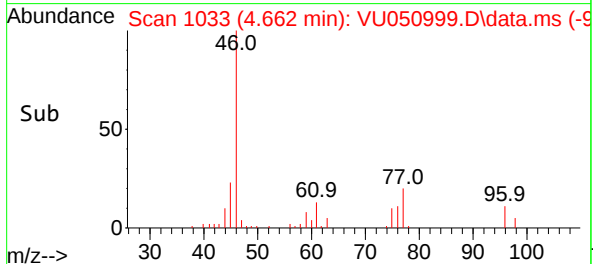
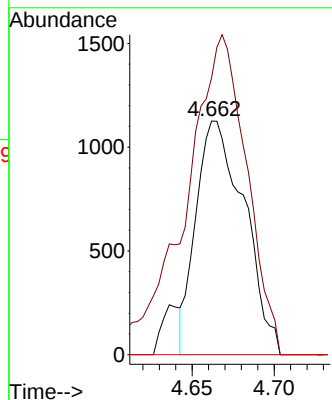
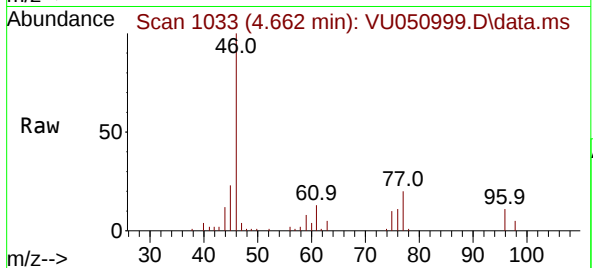
Tgt Ion: 96 Resp: 2299

Ion Ratio Lower Upper

96 100

61 118.5 85.4 158.6

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 4.586 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. 0.004 min

Lab File: VU050999.D

Acq: 29 Sep 2022 23:11

Tgt Ion: 95 Resp: 10808

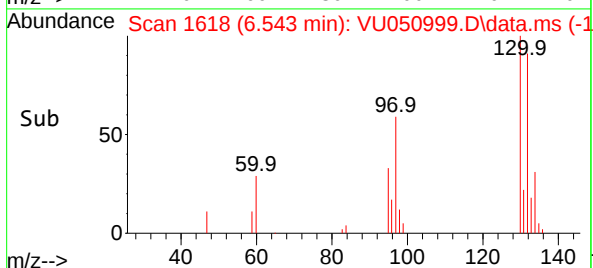
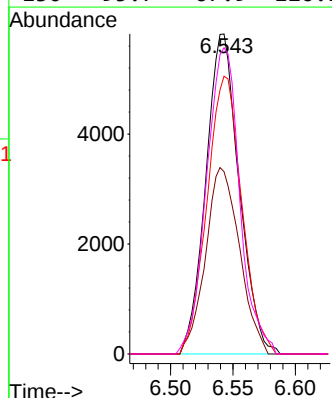
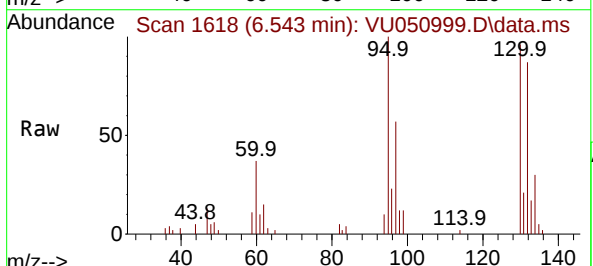
Ion Ratio Lower Upper

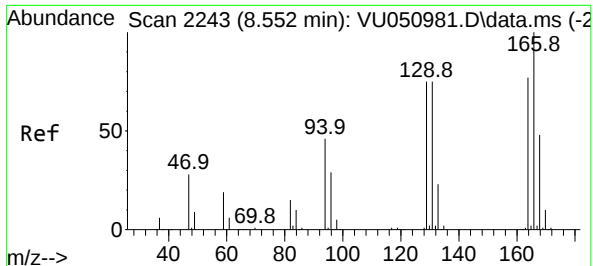
95 100

97 56.9 45.9 85.3

132 86.8 64.0 119.0

130 95.7 67.9 126.1





#46
 Tetrachloroethene
 Concen: 222.633 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU050999.D
 Acq: 29 Sep 2022 23:11

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J37

Tgt Ion:	164	Resp:	397660
Ion	Ratio	Lower	Upper
164	100		
129	96.4	68.1	126.5
131	93.1	67.8	126.0
166	127.4	90.5	168.1

